



**PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA) REPORT**  
**52-54 Canal Street**  
**Lyons, New York**

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Prepared for: **WAYNE COUNTY REGIONAL LAND BANK, NEW YORK**

Prepared by: **MONTROSE ENGINEERING & GEOLOGY, P.C.**

April 2025

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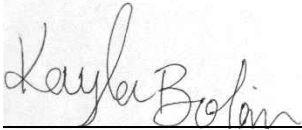
**PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA) REPORT**

**52 54 CANAL STREET, LYONS, NEW YORK**

**EPA COOPERATIVE AGREEMENT NUMBER: BF-96219623**

**MONTROSE PROJECT NUMBER: 037112-3.C.01.A**

Prepared for Wayne County Regional Land Bank, New York, April 2025



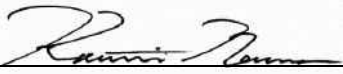
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## LIST OF ACRONYMS AND ABBREVIATIONS

ACM	Asbestos Containing Material
COC	Contaminants of Concern
CP	Commissioner Policy
CSM	Conceptual Site Model
CU	Commercial Use
C&D	Construction and Demolition
ESA	Environmental Site Assessment
ft bgs	feet below ground surface
HASP	Health and Safety Plan
IDW	Investigation Derived Waste
LBP	Lead Based Paint
min.	minute
mL	milliliter
NYSDEC	New York State Department of Conservation
QAPP	Quality Assurance Project Plan
RBM	Regulated Building Materials
REC	Recognized Environmental Conditions
PAH	Polycyclic Aromatic Hydrocarbon
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyls
POGW	Protection of Groundwater
ppm	parts per million
QA/QC	Quality Assurance / Quality Control
QAPP	Quality Assurance Project Plan
QAPP-A	Quality Assurance Project Plan Addenda
SCO	Soil Cleanup Objectives
SMP	Soil Management Plan
SOP	Standard Operating Procedure
sq. ft.	square foot
SGV	Standards & Guidance Values
TOC	Top of Casing
TOGS	Technical and Operational Guidance Series 1.1.1
U.S. EPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UU	Unrestricted Use
VOA	Volatile Organic Analysis
VOC	Volatile Organic Compound

## EXECUTIVE SUMMARY

On behalf of Wayne County Regional Land Bank (the Land Bank), New York Montrose Engineering & Geology, D.P.C. (Montrose) has prepared this Phase II Environmental Site Assessment (ESA) report for the Site located at 52-54 Canal Street, Lyons, New York (the “Site”). The Land Bank received a United States Environmental Protection Agency (US EPA) Brownfields Multi-Purpose Grant (Cooperative Agreement No. BF-96219623) to complete environmental assessments and cleanups including the completion of Phase II ESAs. The work was completed in accordance with the Generic Quality Assurance and Protection Plan (QAPP) which was prepared by Montrose and approved by US EPA for review on June 17, 2024. The Site-Specific Quality Assurance Project Plan Addenda (SQA) approved by the US EPA on October 15, 2024.

The Site is situated on a 0.12± acre parcel (Parcel ID No 71111-09-155664) located in the Town of Lyons (**Figure 1**) and is currently owned by the Land Bank. The Site is currently unoccupied. The building is improved with an approximate 1,346± square foot one story former gasoline service station and auto service garage (**Figure 2**). The Site has been unoccupied for some time with use for storage by the former owner, the Wayne County Historical Society, in the office portion of the structure. The remainder of the Site is a paved/gravel parking area currently overgrown with vegetation and a lawn area on the north side of the building.

The Land Bank intends to renovate the structure. The Site is one of several contiguous parcels the Land Bank planning to revitalize as part of the Central Business District redevelopment plan. Once complete, the district will include a mix of commercial space and affordable multi-family housing developments. 52-54 Canal Street is anticipated to be a commercial property in this district.

The scope of work for this Phase II ESA was designed to assess data gaps identified in prior reports/during prior site visits:

**Data Gap #1 – Interior of Garage Bay Structure:** The Site was historically operated as an auto service station and gasoline service station. During a site visit conducted by Montrose two different types of underground hydraulic lift systems at the Site. The first lift system contains a hydraulic fluid reservoir within the cylinder. The second lift system consists of a cylinder with a detached underground oil tank. No above grade equipment was observed. Given the dates of operation as an automobile repair garage (1945-1999) there was potential that the lift’s hydraulic oil contained PCBs.

- **Strategy:** Cut the concrete floor and remove lift systems to assess potential presence of hydraulic oil and soil conditions surrounding the lifts.

**Data Gap #2 – Regulated Building Materials:** Given the dates of construction for the subject building (1945) there is potential that the building contains regulated building materials (RBM) including asbestos, lead-based paint and PCB containing building materials.

- **Strategy:** Conduct a RBM survey to assess the potential presence of asbestos, lead-based paint and PCB containing building materials.

The investigation conducted included Site utility clearance and structural evaluation. The two hydraulic lifts and underground storage tanks were excavated using a small hydraulic excavator. Additionally, a RBM survey was conducted simultaneously by Lu Engineers. The RBM survey report is provided in **Appendix A**.

The conclusions and recommendations of the assessment are summarized below.

### **Lift Removal Observations**

Two (2) lift systems, referred to as the northern lift and southern lift, were removed. The lifts both measured 7.5 feet and contained a mixture of hydraulic oil and water. One (1) hydraulic oil tank connected to the southern lift, with approximately 50 gallons of capacity, was in good condition and removed with this event. The tank was found to be primarily filled with hydraulic oil. Both lifts were found to be situated in sand fill and in good condition. There were no indications (odor, elevated PID readings, staining) of impacts in adjacent soils. The excavations reached a depth of 8 feet below ground surface (ft bgs) and were subsequently backfilled with excavated soil and imported crusher run #1.

### **Soil Quality**

Three (3) soil samples were collected from each excavation for a total of six (6) samples. Visual/olfactory indications of impacts to soil were not observed by Montrose, and elevated photoionization detector (PID) readings above background were not registered during field screening of the soil samples. Some anthropogenic fill components (brick, ash, cinders) were observed during this lift removal.

Soil samples were collected and analyzed for volatile organic compound (VOC) analysis (by EPA method 8260), semi-volatile organic compound (SVOC) analysis (by EPA method 8270), and PCB analysis (by EPA method 8082). Analytical results found no detections above unrestricted use soil cleanup objectives.

### **Recommendations**

Based on the results of the Phase II ESA as described herein, Montrose recommends the following:

1. No further investigation or remediation is recommended at this time.
2. Given the observation of anthropogenic fill, during future ground intrusive work it is recommended that soils be managed in accordance with 6 New York Codes, Rules and Regulations (NYCRR) Part 360.

## 1 INTRODUCTION

On behalf of Wayne County Regional Land Bank (the “Land Bank” or the “Client”) Montrose Engineering & Geology, P.C. (Montrose) has completed a Phase II Environmental Site Assessment (ESA) at 52-54 Canal Street, Lyons, New York (the “Site”). The Land Bank received a United States Environmental Protection Agency (US EPA) Brownfields Multi-Purpose Grant (Cooperative Agreement No. BF-96219623) to complete environmental assessments and cleanups including the completion of Phase II ESAs. The work was completed in accordance with the Generic Quality Assurance and Protection Plan (QAPP) which was prepared by Montrose and approved by US EPA for review on June 17, 2024, the QAPP-A RBM Scope of Work approved by the U.S. EPA on October 2, 2024, and the Site-Specific Quality Assurance Project Plan Addendum (SQA) approved by the U.S. EPA on October 15, 2024.

### 1.1 Site Location and Description

The Site is situated on a 0.12± acre parcel (Parcel ID No 71111-09-155664) located in the Town of Lyons (**Figure 1**) and is currently owned by the Land Bank. The Site is currently unoccupied. The building is improved with an approximate 1,346± square foot one story former gasoline service station and auto service garage (**Figure 2**). The Site has been unoccupied for some time with frequent use for storage by the former owner, the Wayne County Historical Society, in the office portion of the structure. The remainder of the Site is a paved/gravel parking area currently overgrown with vegetation and a lawn area on the north side of the building.

The Site is located in a mixed commercial and residential area. The Site, to the north is bordered by Canal Street, to the west by Geneva Street, to the south by Clyde Road, and to the East by a vacant commercial building.

### 1.2 Site History

According to the historical records reviewed, prior to the construction of the current subject building the Site contained a row style building with a hardware store from approximately 1884 to 1917. The existing structure on the Site appears to have been constructed in 1945. The Site was utilized as a gas station and possible residence from approximately 1945 to 1999. According to historical Sanborn maps there were three gasoline tanks depicted in 1949.

A storage tank closure report for the Site indicates that six underground storage tanks (USTs) were previously located on-Site and included:

- One 8,000-gallon gasoline tank closed and removed in 1999;
- Three 6,000-gallon gasoline tanks closed and removed in 1999;
- One 4,000-gallon diesel tank closed in place in 1999; and
- One 500-gallon waste oil tank was closed and removed in 1999.

Based on available regulator records spill no. 9905871 occurred when impacts from tank piping was found during the tank removals in 1999. Approximately 46 tons of impacted soil was removed. Following the receipt of confirmatory sample results no further action was required by New York State Department of Environmental Conservation (NYSDEC).

Operations on the Site since gas station operations ceased but a residence may have been located on-Site since that time (could not be confirmed). The Site is currently owned by the Land Bank and is vacant. During a site visit conducted by Montrose two different types of underground hydraulic lift systems at the Site. The first lift system contains a hydraulic fluid reservoir within the cylinder. The second lift system consists of a cylinder with a detached underground oil tank. No above grade equipment was observed.

### 1.3 Previous Environmental Investigation

#### 1.3.1 2002 Storage Tank Closure Program Site Assessment Report

Plumley Engineering, P.C. prepared a report entitled Storage Tank Closure Program Site Assessment Report for Gilder Oil Company, Inc. Jim's Service Station located at 52 Canal Street in the Village of Lyons, NY dated July 2002. The report documents to closure of the following USTs:

- One 8,000-gallon gasoline tank closed and removed in 1999;
- Three 6,000-gallon gasoline tanks closed and removed in 1999;
- One 4,000-gallon diesel tank closed in place in 1999 by cleaning and filling with a concrete slurry; and
- One 500-gallon waste oil tank was closed and removed in 1999.

Confirmatory samples from the tank excavations were below applicable standards. One sample collected below the former dispenser had several volatile organic compounds (VOCs) above standards. Spill number 9905871 was open as a result of these impacts. In 2002 additional soil was removed from where the dispenser had been previously located and the confirmatory sample was below standards. The spill file was subsequently closed and NYSDEC did not require further action.

#### 1.3.2 2023 Phase I Environmental Site Assessment

LiRo Engineers performed a Phase I Environmental Site Assessment (ESA) for the Site in 2023. The following Recognized Environmental Conditions (RECs) and Historical Recognized Environmental Conditions (HRECs) were identified in the report:

***REC 1 – Historical Use:*** This parcel and current on-site structure were formerly operated as a gasoline service station and auto service garage. During the site visit of the 2023 Phase I ESA, it was documented a vehicle lift remains in the garage portion of the subject building. Entrance to the interior of the site was not permitted, the vehicle lift is believed to contain hydraulic oil containing PCBs.

*HREC 1 – Historical Use: This parcel and current on-site building were formerly operated as a gasoline service station approximately between 1945 and 1999. This site according to the historical Sanborn maps reviewed, had three gas tanks located on-site during this time period. The site was also identified on the UST finder and New York Spills (NY Spills) database for having four underground storage tanks on-site. One 8,000-gallon, two 6,000-gallon, and one 4,000-gallon USTs were identified to be located on-site. The tanks were installed in 1984 and removed in 1999. Upon removal, contaminated soil was encountered, prompting a New York State Department of Environmental Conservation (NYSDEC) spill record. Contaminated soil was piled on-site and soil was disposed at Seneca Meadows an appropriately permitted local landfill.*

The following Business Environmental Risk (BER) was also identified in the Phase I ESA report:

- The existing structure on the site was constructed in 1945. Given the age of the building it is anticipated that regulated building materials (such as asbestos containing building materials (ACBMs), lead based paint (LBP), PCB containing building components, etc.) are likely present. During the site visit interior access to the site was not permitted which prevented an assessment of the presence and condition of regulated building materials. If present, such materials represent a BER for the site.*

## **1.4 Future Site Use**

The Land Bank intends to renovate the structure. The Site is one of several contiguous parcels the Land Bank is looking to revitalize as part of the Central Business District redevelopment plan. Once complete, the district will include a mix of commercial space and affordable multi-family housing developments. 52-54 Canal Street is anticipated to be a commercial property in this district.

## 2 PROJECT OBJECTIVES AND SCOPE OF WORK

The objective of the Phase II ESA was to investigate the RECs identified in Montrose's review of prior reports summarized above in **Section 1.3**. The scope of work below was designed to address the following data gaps:

- Data Gap #1 – Interior of Garage Bay Structure: The Site was historically operated as an auto service station and gasoline service station. During a site visit conducted by Montrose two different types of underground hydraulic lift systems at the Site. The first lift system contains a hydraulic fluid reservoir within the cylinder. The second lift system consists of a cylinder with a detached underground oil tank. No above grade equipment was observed. Given the dates of operation as an automobile repair garage (1945-1999) there is potential that the lift's hydraulic oil contained PCBs.
  - Strategy: Cut the concrete floor and remove lift systems to assess potential presence of hydraulic oil and soil conditions surrounding the lifts.
- Data Gap #2 – Regulated Building Materials: Given the dates of construction for the subject building (1945) there is potential that the building contains regulated building materials including asbestos, lead-based paint and PCB containing building materials.
  - Strategy: A RBM survey to assess the potential presence of asbestos, lead-based paint and PCB containing building materials.

The complete RBM survey including sample location and methodologies is included as **Appendix A**. The remainder of this report focuses on Data Gap #1.

There were no deviations in the scope of work that was presented in the approved SQA.

### 3 FIELD SAMPLING PROGRAM

#### 3.1 Preliminary Field Activities

##### 3.1.1 Health and Safety

A site-specific health and safety plan (HASP) was prepared prior to mobilization and included a description of field sampling activity safety protocols for Montrose employees engaged in the project. At the start of each day of field activities, a safety meeting was held, and safety protocols were reviewed.

##### 3.1.2 Utility Clearance

Prior to conducting fieldwork, Dig Safe was contacted by Sessler Environmental Services (Sessler) to mark the location of underground utilities for the subject property (**Appendix B**).

##### 3.1.3 Standard Operating Procedures

The following Field Activities Standard Operating Procedures (SOPs) provided in the QAPP were followed.

- SOP 001: Field Documentation Procedures, March 31, 23, Revision No. 2
- SOP 002: Field Screening and Instrumentation Procedures, January 30, 2019, Revision No. 2
- SOP 003: Utility Clearance, April 29, 2021, Revision No. 2
- SOP 004: Surficial and Subsurface Soil Sampling, April 28, 2023, Revision No. 2
- SOP 015: Field Quality Control Sampling, May 5, 2021, Revision No. 2
- SOP 016: Sample Labeling, Packaging, and Shipping, May 5, 2021, Revision No. 2
- SOP 017: Decontamination of Field Equipment, April 29, 2021, Revision No. 2
- SOP 018: Management of Investigation Derived Waste, April 30, 2021, Revision No. 2

#### 3.2 Lift Systems Removal

Prior to removal a technician decommissioned and disengaged the hydraulic systems of both the north and south lifts. Removal of both lift systems was completed on December 27 and December 30, 2024. A photolog is provided in **Appendix C**. The following steps for removal of the lift systems were followed:

1. Hydraulic oil/water was removed from both lifts through the top of the hydraulic piston and/or the hydraulic oil piping by use of a drum vacuum. Approximately 40 gallons total of hydraulic oil and water mixture was removed through this method.
2. Concrete around the lifts and associated tank were cut using a concrete saw and removed using a skid steer mounted hydraulic breaker and hydraulic excavator. Removed concrete was placed on polyethylene sheeting for inspection of potential impacts, before being loaded into a roll off dumpster for disposal as construction and demolition (C&D) waste.
3. The soil surrounding the north lift was excavated using a small hydraulic excavator. Soils removed were staged on polyethylene sheeting, separately from the concrete for visual inspection and



screened using a photoionization detector (PID) equipped with a 10.6 electron-volt lamp. Soil impacts (i.e. odor, staining, elevated PID readings) were not observed.

4. The north hydraulic lift was found to be in soil (imported sand) and measured approximately 7.5 feet in length. Lift removal was completed by use of the excavator and staged on polyethylene sheeting. Following lift removal, the excavation was inspected, and samples were collected per the SQA. No odors, staining or elevated PID readings were observed. Excavation dimensions were 7 feet length by 4 feet width by 8 feet depth. The excavation area was backfilled with excavated soil and lightly compacted.
5. The south lift and attached underground hydraulic oil tank were removed by the same method as the north lift. Tank capacity was estimated to be 50 gallons. Final south lift excavation dimensions were 5.5 feet length by 5 feet width by 8 feet depth. Anthropogenic fill components (ash/cinders) were observed at the bottom of the south lift excavation. No odors, staining or elevated PID readings were observed.
6. An additional 15 gallons of hydraulic oil was removed from the underground hydraulic oil tank. A total of 55 gallons of hydraulic oil and water was removed from the two lifts.
7. The two underground hydraulic lift systems were inspected for additional oil and taken off-Site by Sessler. Disposal documentation is included in **Appendix B**.
8. The south excavation was backfilled with excavated soil and lightly compacted. Both excavations were then backfilled to ground surface with imported crusher run #1 from Smith's gravel pit located in Sodus Center, NY (**Appendix B**).

### 3.3 Subsurface Assessment

#### 3.3.1 Soil Sampling

On December 27, 2024, three soil samples were collected by excavator bucket from the excavation of the northern lift. One (1) sample was collected from the north sidewall, one (1) sample was collected from the south sidewall, and one (1) sample was collected from the bottom of the excavation. On December 30, 2024, three soil were collected by excavator bucket from the southern lift. One (1) sample was collected from the north sidewall, one (1) sample was collected from the south sidewall, and one (1) sample was collected from the bottom of the excavation. Sample locations are depicted on **Figure 3**.

The collected soil samples were screened for visual/olfactory characteristics and for VOCs using a PID equipped with a 10.6 eV lamp. No distinctive visual characteristics or odors were observed for each sample. The two (2) excavations were backfilled with excavated soil (which did not have obvious indicated of impacts) and topped with three (3) cubic yards (approximately 4 tons) of imported crusher run stone from Smith's Gravel Pit located in Sodus Center, New York (receipt included in **Appendix B**).

The following soil samples were submitted for laboratory analyses by Pace of Westborough, Massachusetts:

- Three samples were collected from the excavation of the northern lift (EB-01, ESW-01, ESW-02). One (1) sample from the bottom of excavation pit, (EB-01 collected at 8 ft bgs). One (1) sample collected from the north side wall (ESW-01 at 7 ft bgs). One (1) sample from the south sidewall (ESW-02 at 7 ft bgs).
- Three samples were collected from the excavation of the southern lift (EB-02, ESW-03, ESW-04). One (1) sample from the bottom of exaction pit (EB-02 collected at 7 ft bgs). One (1) sample collected from north sidewall of excavation pit (ESW-03 at 6 ft bgs). One (1) Sample from southern sidewall (ESW-04 at 6 ft bgs).

### 3.4 Investigation Derived Waste (IDW)

Due to no visual or olfactory impacts observed, excavated soils were reused as backfill for the two lift excavations. The concrete slab was cut and removed during the lift removal and showed no visual or olfactory impacts. The concrete was disposed of as construction and demolition material by Sessler (disposal documentation is provided in **Appendix B**).

Thirty-five (35) gallons of oil/water was extracted from the northern lift. Twenty (20) gallons of oil was extracted from in the hydraulic oil tank and the southern lift. Extracted oil and water removed from hydraulic lift and tank were drummed, stored securely on-Site and sampled for PCBs by Sessler on January 16, 2025. Analytical results for the extracted oil/water are included in **Appendix D**.

### 3.5 Quality Assurance / Quality Control (QA/QC) Samples

The following QA/QC samples were collected and analyzed to provide information on precision, accuracy, representativeness, comparability, and completeness of the data generated:

- One (1) matrix spike / matrix spike duplicate sample was collected from excavation bottom of northern lift EB-01 (8 ft bgs) and analyzed for VOCs, SVOCs, and PCBs.
- One (1) field duplicate soil sample was collected from bottom of excavation of northern lift EB-02 (8ft bgs).
- One (1) field duplicate soil sample was collected from bottom of excavation of southern lift EB-02 (8ft bgs).
- One (1) equipment blank sample was collected from the excavator bucket. (**Table 2**)

## 4 FIELD INVESTIGATION RESULTS

### 4.1 Geologic and Hydrogeologic Conditions

The lifts were found to be installed within imported sand with some anthropogenic fill components (including brick, ash, and cinders). At the bottom of each lift excavation soil was encountered consisting of lacustrine silt and clay with some sand and potential anthropogenic fill components. The water table was not encountered during the excavations.

### 4.2 Soil Quality

Analytical data is summarized on **Table 1** and is compared to the following applicable Soil Cleanup Objectives (SCOs); NYSDEC Part 375 SCOs for the Protection of Human Health – Commercial Use (CU), Unrestricted (UU) and Protection of Groundwater (POGW), and NYSDEC CP-51 Gasoline and Fuel Oil Contaminated Soils. Respective sample locations and soil sample results are shown on **Table 1**. Laboratory reports are provided in **Appendix D**.

No compounds were detected above applicable SCOs.

### 4.3 Data Validation Results

QA/QC procedures were incorporated into both field and laboratory protocols in accordance with the QAPP. The data validation summary is provided in **Appendix E**. Based on the data validation summary, the results indicate that the dataset is acceptable with qualifications and usable for the purposes of this investigation.

## 5 DATA GAPS

The objective of the Phase II ESA was to investigate the data gaps identified in the SQA. The below scope of work was carried out to address the data gaps. A short description of the resolution for each data gap is also provided below.

- Data Gap #1 – Interior of Garage Bay Structure: During a site visit, two different types of underground hydraulic lift system were found at the Site.
  - Executed: To evaluate potential impacts from hydraulic lifts, one of which had a detached underground oil storage tank, the concrete floor was cut and the lift systems were removed using a hydraulic excavator. Soil samples were screened in the field using a PID and visual observations. No field evidence of impacts (e.g. odors, elevated PID readings, soil staining, free product).
  - No odors, staining, or elevated PID readings were noted during lift removal. Three (3) soil samples were collected from each excavation. No exceedances of unrestricted use SCOs were detected. No further investigation is recommended at this time.
- Data Gap #2 – Regulated Building Materials: The dates for construction of subject building (1945) there is a potential for the building to contain regulated building materials including asbestos, lead-based paint, and PCB containing building material.
  - Executed: A regulated building material survey was completed to assess for the potential presence of asbestos, lead-based paint, and PCB containing building materials. The RBM survey is included in **Appendix A**.

## 6 UPDATED CONCEPTUAL SITE MODEL

The conceptual site model (CSM) identifies actual and/or expected contaminants of concern (COC), the nature and extent of contamination to the degree known, the potential pathways for migration of contamination, and the potential receptors, both human health and ecological. This CSM is based on the current understanding of identified Site contaminants.

### 6.1 Contaminants of Concern

Based on the known historical operations at the Site and the findings of this Phase II ESA, the following COC have been identified. The list below shows COC identified during the project conducted on the subject property to date.

#### Hydraulic Oil stored in below-ground lifts and tank

- None identified.

#### Anthropogenic Fill

- Potential for Metals; and
- Potential for polycyclic aromatic hydrocarbons (PAHs).

#### Regulated Building Materials (RBMs)

- A RBM survey report was prepared under a separate cover and is included as **Appendix A**; as such, RBMs are not discussed in this CSM.

### 6.2 Site Geology and Hydrogeology

The Phase II ESA investigation identified fill consisting of anthropogenic materials (i.e., brick, ash, and cinders,) were observed within both lift excavation. The greatest depth where indications of anthropogenic fill was observed in the south lift excavation at approximately 8 ft bgs. Information obtained as part of the 2023 Phase I ESA (**Section 1.3.1**) indicates that the underlying bedrock is expected to be of Akron Dolostone, Cobleskill Limestone, and Salina Ground consisting of Camillus and Syracuse formation shale, dolostone, gypsum, and salt.

Based on surface topography it is expected that groundwater under the subject property generally flows to the southwest towards the Erie Canal.

### 6.3 Contaminant Fate and Transport

As described above, urban fill has the potential to contain PAHs; however, none were detected above unrestricted use during this Phase II ESA. Generally, PAHs are hydrophobic and will tend to adsorb soil particles; however, shorter carbon chain compounds are more soluble in water. PAHs can be dispersed via their adherence to particles or in groundwater.

Urban fill also has the potential to contain metals. Metals cannot degrade; however, they can be transformed (such as different forms of mercury) or dispersed via adherence to particles or advection in groundwater. Generally, metals (with the exception of mercury) are not volatile. Metals have relatively high K<sub>oc</sub> (soil adsorption coefficients) which limits fate and transport. It is not expected that metals from this source would migrate significantly in the subsurface.

## **6.4 Potential Receptors and Exposure Pathways**

Soils: Shallow soils throughout the subject property are generally covered with either crushed gravel/paved parking lots, or under the footprint of on-Site buildings. There are some greenspace and vegetated areas within the Site where Site workers or trespassers could be exposed to surficial releases of contaminants in the soil (if present). Adjacent parcels may be impacted during dust generating activities or from overland flow of impacted sediment. Site workers excavating or digging within the Site during demolition activities or utility work are potential receptors of impacted soils.

## 7 CONCLUSION AND RECOMMENDATIONS

The conclusions and recommendations of the assessment are summarized below.

### **Lift Removal Observations**

Two (2) lift systems, referred to as the northern lift and southern lift, were removed. The lifts both measured 7.5 feet and contained a mixture of hydraulic oil and water. One (1) hydraulic oil tank connected to the southern lift, with approximately 50 gallons of capacity, was in good condition and removed with this event. The tank was found to be primarily filled with hydraulic oil. Both lifts were found to be situated in sand fill and in good condition. There were no indications (odor, elevated PID readings, staining) of impacts in adjacent soils. The excavations reached a depth of 8 feet below ground surface (ft bgs) and were subsequently backfilled with excavated soil and imported crusher run #1.

### **Soil Quality**

Three (3) soil samples were collected from each excavation for a total of six (6) samples. Visual/olfactory indications of impacts to soil were not observed by Montrose, and elevated photoionization detector (PID) readings above background were not registered during field screening of the soil samples. Some anthropogenic fill components (brick, ash, cinders) were observed during this lift removal.

Soil samples were collected and analyzed for volatile organic compound (VOC) analysis (by EPA method 8260), semi-volatile organic compound (SVOC) analysis (by EPA method 8270) and PCB analysis (by EPA method 8082). Analytical results found no detections above unrestricted use soil cleanup objectives.

### **Recommendations**

Based on the results of the Phase II ESA as described herein, Montrose recommends the following:

1. No further investigation or remediation is recommended at this time.
2. Given the observation of anthropogenic fill, during future ground intrusive work it is recommended that soils be managed in accordance with 6 NYCRR Part 360.

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## Figures

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## Tables

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## Appendix A - QAPP and Related Documentation

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## Appendix B – Disposal, Importation, and Utility Clearing Documentation

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## Appendix C – Photo Log

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## Appendix D – Laboratory Analytical Reports

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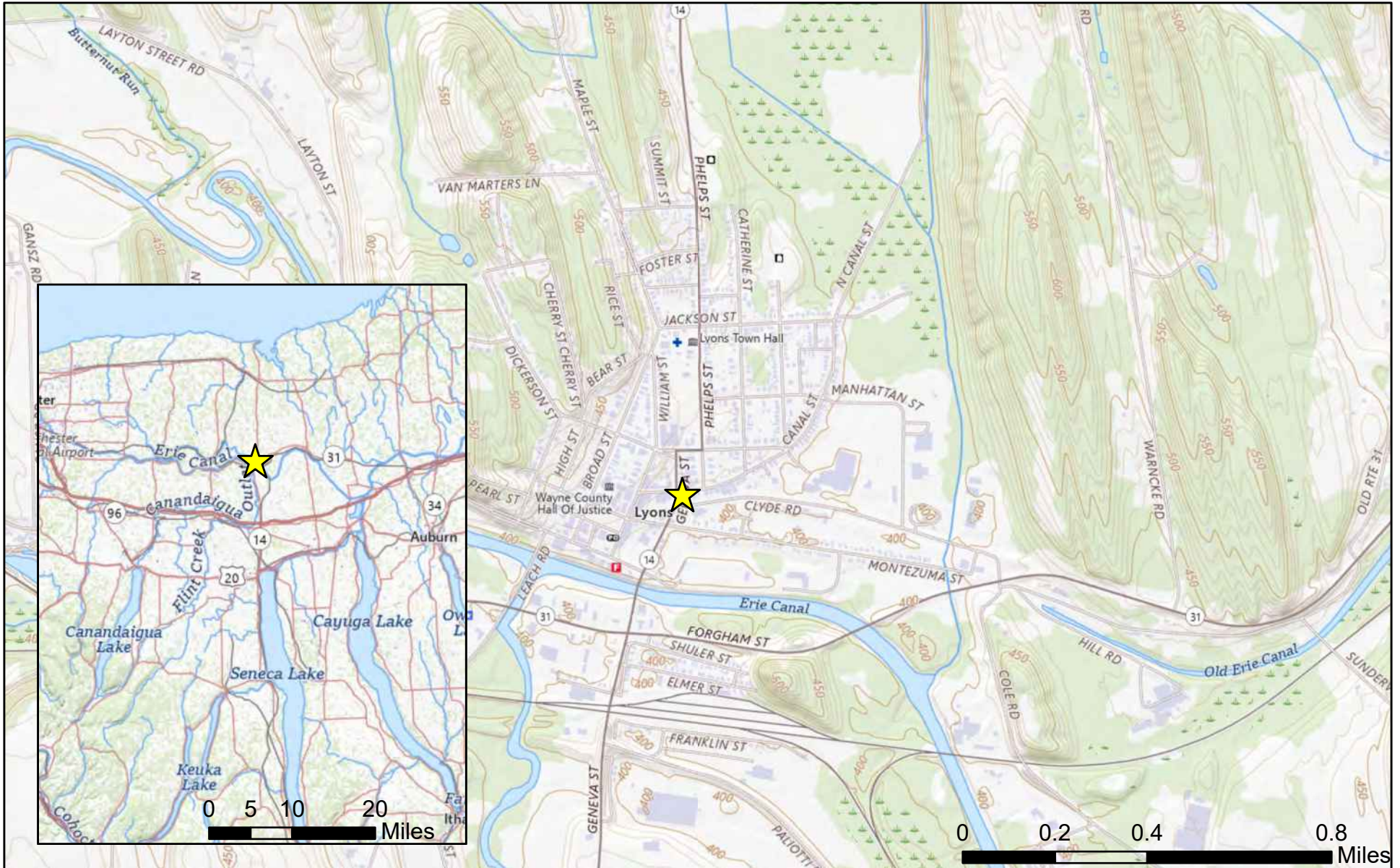
## Appendix E – Data Validation Summary Report

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## Figures


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★ Site Location



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HIU; NOAA National Centers for Environmental Information

CREATION DATE: SEPTEMBER 19, 2024	PROJECT NO: PROJ - 037112	FIGURE 1: SITE LOCATION MAP
	DRAWN BY: SK APPR'D BY: KN	
	CHEK'D BY: KN REVISION: 0	52-54 CANAL STREET LYONS, NY






Site Parcel Boundary



0 40 80 160 FEET

New York State, Maxar, Microsoft

CREATION DATE: SEPTEMBER 19, 2024		PROJECT NO: PROJ-037112		FIGURE 2: SITE AND VICINITY MAP
		DRAWN BY: APPRVD BY: SK KN		
		CHEKD BY: REVISION: KN 0		
				52-54 CANAL STREET LYONS, NEW YORK






- Sample Locations
- Building Footprint
- Lift Excavation Areas
- Site Parcel Boundary

0 5 10 20 30 40  
FEET



CREATION DATE: FEBRUARY 17, 2025	PROJECT NO: PROJ-037112	FIGURE 3: INVESTIGATION LOCATIONS
	DRAWN BY: RM	
	CHECK'D BY:	REVISION: 0
		52-54 CANAL STREET LYONS, NEW YORK

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## Tables

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Table 1 - Soil Analytical Results  
Phase II Environmental Site Assessment  
52-54 Canal Street  
Lyons, New York

Sample Location							EB-01			EB-02			FD-01			ESW-01			ESW-02			ESW-03			ESW-04				
Lab ID							L2476274-01			L2476426-01			L2476426-02			L2476274-02			L2476274-03			L2476426-03			L2476426-04				
Sample Date							12/27/2024			12/30/2024			12/30/2024			12/27/2024			12/27/2024			12/30/2024			12/30/2024				
Matrix							Soil			Soil			Soil			Soil			Soil			Soil			Soil				
Remarks													FD of EB-02																
Parameter		NY-UU	NY-CU	NY-POGW	NY-CP51	Units	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL		
Volatiles																													
1,1,1-Trichloroethane	71-55-6	0.68	500	0.68	-	mg/Kg	U		0.00017			U	0.0002		U	0.00019		U	0.00016		U	0.00018		U	0.0002		U	0.00018	
1,1,2,2-Tetrachloroethane	79-34-5	-	-	-	-	mg/Kg	U		0.00017			U	0.0002		U	0.00018		U	0.00016		U	0.00018		U	0.0002		U	0.00018	
1,1,2-Trichloroethane	79-00-5	-	-	-	-	mg/Kg	U		0.00028			U	0.00033		U	0.00026		U	0.00026		U	0.00028		U	0.00033		U	0.00029	
1,1-Dichloroethane	75-34-3	0.27	240	0.27	-	mg/Kg	U		0.00015			U	0.00018		U	0.00016		U	0.00014		U	0.00015		U	0.00018		U	0.00016	
1,1-Dichloroethene	75-35-4	0.33	500	0.33	-	mg/Kg	U		0.00025			U	0.00029		U	0.00027		U	0.00023		U	0.00025		U	0.00029		U	0.00026	
1,2,3-Trichlorobenzene	87-61-6	-	-	-	-	mg/Kg	UR		0.00033			U	0.0004		U	0.00036		U	0.00032		U	0.00034		U	0.0004		U	0.00035	
1,2,4-Trichlorobenzene	120-82-1	-	-	-	-	mg/Kg	UR		0.00028			U	0.00033		U	0.0003		U	0.00027		U	0.00029		U	0.00033		U	0.0003	
1,2,4-Trimethylbenzene	95-63-6	3.6	190	3.6	3.6	mg/Kg	U		0.00035			U	0.00041		U	0.00037		U	0.00033		U	0.00035		U	0.00041		U	0.00036	
1,2-Dibromo-3-chloropropane	96-12-8	-	-	-	-	mg/Kg	U		0.001			U	0.0012		U	0.0011		U	0.00098		U	0.001		U	0.0012		U	0.0011	
1,2-Dibromomethane	106-93-4	-	-	-	-	mg/Kg	U		0.00029			U	0.00034		U	0.00031		U	0.00028		U	0.0003		U	0.00034		U	0.0003	
1,2-Dichlorobenzene	95-50-1	1.1	500	1.1	-	mg/Kg	U		0.00015			U	0.00018		U	0.00016		U	0.00014		U	0.00015		U	0.00018		U	0.00016	
1,2-Dichloroethane	107-06-2	0.02	30	0.02	-	mg/Kg	U		0.00027			U	0.00032		U	0.00029		U	0.00025		U	0.00027		U	0.00032		U	0.00028	
1,2-Dichloropropane	78-87-5	-	-	-	-	mg/Kg	U		0.00013			U	0.00015		U	0.00014		U	0.00012		U	0.00013		U	0.00015		U	0.00014	
1,3,5-Trimethylbenzene	108-67-8	8.4	190	8.4	8.4	mg/Kg	U		0.0002			U	0.00024		U	0.00022		U	0.00019		U	0.0002		U	0.00024		U	0.00021	
1,3-Dichlorobenzene	541-73-1	2.4	280	2.4	-	mg/Kg	U		0.00015			U	0.00018		U	0.00016		U	0.00014		U	0.00016		U	0.00018		U	0.00016	
1,4-Dichlorobenzene	106-46-7	1.8	130	1.8	-	mg/Kg	U		0.00018			U	0.00021		U	0.00019		U	0.00017		U	0.00018		U	0.00021		U	0.00019	
1,4-Dioxane	123-91-1	0.1	130	0.1	-	mg/Kg	U		0.036			U	0.043		U	0.039		U	0.035		U	0.037		U	0.043		U	0.038	
2-Butanone	78-93-3	0.12	500	0.12	-	mg/Kg	U		0.0023			U	0.0027		U	0.0025		U	0.0022		U	0.0024		U	0.0027		U	0.0024	
2-Hexanone	591-78-6	-	-	-	-	mg/Kg	U		0.0012			U	0.0014		U	0.0013		U	0.0012		U	0.0012		U	0.0014		U	0.0013	
4-Methyl-2-pentanone	108-10-1	-	-	-	-	mg/Kg	U		0.0013			U	0.0016		U	0.0014		U	0.0013		U	0.0014		U	0.0016		U	0.0014	
Acetone	67-64-1	0.05	500	0.05	-	mg/Kg	J	0.0099		U	0.005		U	0.0059		U	0.0054		U	0.0047		U	0.0051		U	0.0059		U	0.0052
Benzene	71-43-2	0.06	44	0.06	0.06	mg/Kg	U		0.00017			U	0.0002		U	0.00018		U	0.00016		U	0.00018		U	0.0002		U	0.00018	
Bromochloromethane	74-97-5	-	-	-	-	mg/Kg	U		0.00021			U	0.00025		U	0.00023		U	0.0002		U	0.00022		U	0.00025		U	0.00022	
Bromodichloromethane	75-27-4	-	-	-	-	mg/Kg	U		0.00011			U	0.00013		U	0.00012		U	0.00011		U	0.00012		U	0.00013		U	0.00012	
Bromoform	75-25-2	-	-	-	-	mg/Kg	U		0.00026			U	0.0003		U	0.00028		U	0.00024		U	0.00026		U	0.0003		U	0.00027	
Bromomethane	74-83-9	-	-	-	-	mg/Kg	U		0.0006			U	0.00071		U	0.00065		U	0.00057		U	0.00062		U	0.00071		U	0.00063	
Carbon disulfide	75-15-0	-	-	-	-	mg/Kg	U		0.0047			U	0.0056		U	0.0051		U	0.0045		U	0.0048		U	0.0056		U	0.005	
Carbon tetrachloride	56-23-5	0.76	22	0.76	-	mg/Kg	U		0.00024			U	0.00028		U	0.00026		U	0.00023		U	0.00024		U	0.00028		U	0.00025	
Chlorobenzene	108-90-7	1.1	500	1.1	-	mg/Kg	U		0.00013			U	0.00016		U	0.00014		U	0.00012		U	0.00013		U	0.00016		U	0.00014	
Chloroethane	75-00-3	-	-	-	-	mg/Kg	U		0.00047			U	0.00055		U	0.00051		U	0.00044		U	0.00048		U	0.00056		U	0.00049	
Chloroform	67-66-3	0.37	350	0.37	-	mg/Kg	U		0.00014			U	0.00017		U	0.00016		U	0.00014		U	0.00015		U	0.00017		U	0.00015	
Chloromethane	74-87-3	-	-	-	-	mg/Kg	U		0.00097			U	0.0011		U	0.001		U	0.00092		U	0.00099		U	0.0011		U	0.001	
cis-1,2-Dichloroethene	156-59-2	0.25	500	0.25	-	mg/Kg	U		0.00018			U	0.00021		U	0.0002		U	0.00017		U	0.00018		U	0.00022		U	0.00019	
cis-1,3-Dichloropropene	10061-01-5	-	-	-	-	mg/Kg	U		0.00016			U	0.00019		U	0.00018		U	0.00016		U	0.00017		U	0.00019		U	0.00017	
Cyclohexane	110-82-7	-	-	-	-	mg/Kg	U		0.00056			U	0.00067		U	0.00061		U	0.00054		U	0.00058		U	0.00067		U	0.00059	
Dibromochloromethane	124-48-1	-	-	-	-	mg/Kg	U		0.00014			U	0.00017		U	0.00016		U	0.00014		U	0.00015		U	0.00017		U	0.00015	
Dichlorodifluoromethane	75-71-8	-	-	-	-	mg/Kg	U		0.00095			U	0.0011		U	0.001		U	0.00097		U	0.00097		U	0.0011		U	0.001	
Ethylbenzene	100-41-4	1	390	1	1.0	mg/Kg	U		0.00015			U	0.00017		U	0.00016		U	0.00014		U	0.00015		U	0.00017		U	0.00015	
Freon-113	76-13-1	-	-	-	-	mg/Kg	U		0.00072			U	0.00085		U	0.00078		U	0.00068		U	0.00073		U	0.00085		U	0.00076	
Isopropylbenzene	98-82-8	-	-	-	2.3	mg/Kg	U		0.00011			U	0.00013		U	0.00012		U	0.00011		U	0.00012		U	0.00013		U	0.00012	
Methyl Acetate	79-20-9	-	-	-	-	mg/Kg	U		0.00099			U	0.0012		U	0.0011		U	0.00094		U	0.00094		U	0.0012		U	0.001	
Methyl cyclohexane	108-87-2	-	-	-	-	mg/Kg	U		0.00063			U	0.00074		U	0.00068		U	0.00059		U	0.00064		U	0.00074		U	0.00066	
Methyl tert butyl ether	1634-04-4	0.93	500	0.93	0.93	mg/Kg	U		0.00021			U	0.00025		U	0.00022		U	0.0002		U	0.00021		U	0.00025		U	0.00022	
Methylene chloride	75-09-2	0.05	500	0.05	-	mg/Kg	U		0.00024			U	0.00028		U	0.00026		U	0.00022		U	0.00024		U	0.00028		U	0.00025	
n-Butylbenzene	104-51-8	12	500	12	12.0	mg/Kg	UR		0.00017			U	0.0002		U	0.00019		U	0.00016		U	0.00018		U	0.0002		U	0.00018	
n-Propylbenzene	103-65-1	3.9	500	3.9	3.9	mg/Kg	U		0.00018			U	0.00021		U	0.00019		U	0.00017		U	0.00018		U	0.00021		U	0.00019	
o-Xylene	95-47-6	-	-	-	-	mg/Kg	U		0.0003			U	0.00036		U	0.00032		U	0.00029		U	0.00031		U	0.00036		U	0.00032	

Table 1 - Soil Analytical Results  
Phase II Environmental Site Assessment  
52-54 Canal Street  
Lyons, New York

Sample Location	Lab ID	NY-UNRES: New York Unrestricted use Criteria	NY-RESC: New York NYCRR Part 375 Commercial Restricted use Criteria	NY-POGW: New York NYCRR Part 375 Protection of Groundwater Criteria, New York Restricted Use Criteria	NY-CP51: New York DEC CP-51 Soil Cleanup Levels Criteria	EB-01 L2476274-01 12/27/2024 Soil		EB-02 L247626-01 12/30/2024 Soil		FD-01 L247626-02 12/30/2024 Soil		ESW-01 L2476274-02 12/27/2024 Soil		ESW-02 L2476274-03 12/27/2024 Soil		ESW-03 L247626-03 12/30/2024 Soil		ESW-04 L247626-04 12/30/2024 Soil			
Parameter		NY-UN	NY-CU	NY-POGW	NY-CP51	Units	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
3,3'-Dichlorobenzidine	91-94-1	-	-	-	-	mg/Kg	UR	0.048		U	0.045		U	0.045		U	0.053		U	0.048	
3-Methylphenol/4-Methylphenol	98-39-4/106-44	0.33	-	0.33	-	mg/Kg	U	0.028		U	0.026		U	0.031		U	0.028		U	0.027	
3-Nitroaniline	99-09-2	-	-	-	-	mg/Kg	U	0.034		U	0.032		U	0.038		U	0.034		U	0.032	
4,6-Dinitro-o-cresol	534-52-1	-	-	-	-	mg/Kg	UR	0.086		U	0.081		U	0.096		U	0.086		U	0.082	
4-Bromophenyl phenyl ether	101-55-3	-	-	-	-	mg/Kg	U	0.027		U	0.026		U	0.03		U	0.027		U	0.026	
4-Chloroaniline	106-47-8	-	-	-	-	mg/Kg	U	0.032		U	0.03		U	0.031		U	0.033		U	0.031	
4-Chlorophenyl phenyl ether	7005-72-3	-	-	-	-	mg/Kg	U	0.019		U	0.018		U	0.018		U	0.021		U	0.018	
4-Nitroaniline	100-01-6	-	-	-	-	mg/Kg	U	0.074		U	0.07		U	0.083		U	0.074		U	0.07	
4-Nitrophenol	100-02-7	-	-	-	-	mg/Kg	U	0.073		U	0.068		U	0.069		U	0.082		U	0.073	
Acenaphthene	83-32-9	20	500	98	20	mg/Kg	U	0.018		U	0.017		U	0.018		U	0.021		U	0.018	
Acenaphthylene	208-96-8	100	500	107	100	mg/Kg	U	0.028		U	0.026		U	0.026		U	0.031		U	0.028	
Acetophenone	98-86-2	-	-	-	-	mg/Kg	U	0.022		U	0.021		U	0.025		U	0.022		U	0.021	
Aniline	62-53-3	-	-	-	-	mg/Kg	U	0.084		U	0.079		U	0.08		U	0.094		U	0.085	
Anthracene	120-12-7	100	500	1000	100	mg/Kg	U	0.035		U	0.033		U	0.033		U	0.039		U	0.033	
Atrazine	1912-24-9	-	-	-	-	mg/Kg	U	0.063		U	0.059		U	0.059		U	0.07		U	0.063	
Benzaldehyde	100-52-7	-	-	-	-	mg/Kg	U	0.048		U	0.045		U	0.046		U	0.054		U	0.048	
Benzo(a)anthracene	56-55-3	1	5.6	1	1.0	mg/Kg	0.039	J	0.02	U	0.019		U	0.019		U	0.022		U	0.019	0.072
Benzo(a)pyrene	50-32-8	1	5.6	22	1.0	mg/Kg	U	0.044		U	0.041		U	0.041		U	0.049		U	0.044	0.075
Benzo(b)fluoranthene	205-99-2	1	5.6	1.7	1.0	mg/Kg	0.043	J	0.03	U	0.028		U	0.028		U	0.034		U	0.029	0.095
Benzo(ghi)perylene	191-24-2	100	500	1000	100	mg/Kg	0.03	J	0.021	U	0.02		U	0.02		U	0.024		U	0.02	0.05
Benzo(k)fluoranthene	207-08-9	0.8	56	1.7	0.8	mg/Kg	U	0.029		U	0.027		U	0.027		U	0.032		U	0.029	0.038
Biphenyl	92-52-4	-	-	-	-	mg/Kg	U	0.023		U	0.022		U	0.022		U	0.026		U	0.023	
Bis(2-chloroethoxy)methane	111-91-1	-	-	-	-	mg/Kg	U	0.018		U	0.017		U	0.017		U	0.02		U	0.018	
Bis(2-chloroethoxy)ether	111-44-4	-	-	-	-	mg/Kg	U	0.024		U	0.023		U	0.023		U	0.027		U	0.024	
Bis(2-chloroisopropyl)ether	108-60-1	-	-	-	-	mg/Kg	U	0.03		U	0.029		U	0.029		U	0.034		U	0.029	
Bis(2-ethylhexyl)phthalate	117-81-7	-	-	-	-	mg/Kg	U	0.062		U	0.058		U	0.059		U	0.062		U	0.059	
Butyl benzyl phthalate	85-68-7	-	-	-	-	mg/Kg	U	0.045		U	0.042		U	0.043		U	0.05		U	0.043	
Caprolactam	105-60-2	-	-	-	-	mg/Kg	U	0.054		U	0.051		U	0.051		U	0.061		U	0.054	
Carbazole	86-74-8	-	-	-	-	mg/Kg	U	0.017		U	0.016		U	0.016		U	0.019		U	0.016	
Chrysene	218-01-9	1	56	1	1	mg/Kg	0.035	J	0.019	U	0.019		U	0.018		U	0.021		U	0.018	0.087
Dibenzo(a,h)anthracene	53-70-3	0.33	0.56	1000	0.33	mg/Kg	U	0.021		U	0.019		U	0.02		U	0.023		U	0.021	
Dibenzofuran	132-64-9	7	350	210	7	mg/Kg	U	0.017		U	0.016		U	0.016		U	0.019		U	0.017	
Diethyl phthalate	84-66-2	-	-	-	-	mg/Kg	U	0.016		U	0.016		U	0.016		U	0.018		U	0.016	
Dimethyl phthalate	131-11-3	-	-	-	-	mg/Kg	U	0.038		U	0.035		U	0.036		U	0.042		U	0.038	
Di-n-butylphthalate	84-74-2	-	-	-	-	mg/Kg	U	0.034		U	0.032		U	0.032		U	0.038		U	0.034	
Di-n-octylphthalate	117-84-0	-	-	-	-	mg/Kg	U	0.061		U	0.057		U	0.057		U	0.068		U	0.058	
Fluoranthene	206-44-0	100	500	1000	100	mg/Kg	0.058	J	0.02	U	0.019		U	0.019		U	0.023		U	0.02	0.13
Fluorene	86-73-7	30	500	386	30	mg/Kg	U	0.017		U	0.016		U	0.016		U	0.019		U	0.016	
Hexachlorobenzene	118-74-1	0.33	6	3.2	-	mg/Kg	U	0.02		U	0.019		U	0.019		U	0.022		U	0.019	
Hexachlorobutadiene	87-68-3	-	-	-	-	mg/Kg	U	0.026		U	0.024		U	0.025		U	0.029		U	0.025	
Hexachlorocyclopentadiene	77-47-4	-	-	-	-	mg/Kg	U	0.16		U	0.15		U	0.15		U	0.18		U	0.15	
Hexachloroethane	67-72-1	-	-	-	-	mg/Kg	U	0.029		U	0.027		U	0.027		U	0.032		U	0.028	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	5.6	8.2	0.5	mg/Kg	0.026	J	0.025	U	0.023		U	0.024		U	0.028		U	0.024	0.039
Isophorone	78-59-1	-	-	-	-	mg/Kg	U	0.023		U	0.022		U	0.022		U	0.026		U	0.023	
Naphthalene	91-20-3	12	500	12	12.0	mg/Kg	U	0.022		U	0.02		U	0.02		U	0.024		U	0.022	
NDPA/DPA	86-30-6	-	-	-	-	mg/Kg	U	0.02		U	0.019		U	0.019		U	0.023		U	0.019	
Nitrobenzene	98-95-3	-	-	-	-	mg/Kg	U	0.026		U	0.025		U	0.025		U	0.03		U	0.026	
n-Nitrosodi-n-propylamine	621-64-7	-	-	-	-	mg/Kg	U	0.028		U	0.026		U	0.026		U	0.031		U	0.028	
p-Chloro-m-cresol	59-50-7	-	-	-	-	mg/Kg	U	0.027		U	0.025		U	0.025		U	0.03		U	0.027	
Phenanthrophenol	87-86-5	0.8	6.7	0.8	-	mg/Kg	U	0.039		U	0.037		U	0.037		U	0.044		U	0.039	
Phenanthrene	85-01-8	100	500	1000	100	mg/Kg	0.034	J	0.022	U	0.02		U	0.02		U	0.024		U	0.022	0.095
Phenol	108-95-2	0.33	500	0.33	-	mg/Kg	U	0.027		U	0.025		U	0.026		U	0.03		U	0.027	
Pyrene	129-00-0	100	500	1000	100	mg/Kg	0.052	J	0.018	U	0.017		U	0.017		U	0.02		U	0.017	0.11
Polychlorinated Biphenyls																					
Aroclor 1016	12674-11-2	0.1	1	3.2	-	mg/Kg	U	0.00456		U	0.00449		U	0.00437		U	0.00507		U	0.00448	
Aroclor 1221	11104-28-2	0.1	1	3.2	-	mg/Kg	U	0.00514		U	0.00506		U	0.00493		U	0.00572		U	0.00506	
Aroclor 1232	11141-16-5	0.1	1	3.2	-	mg/Kg	U	0.0109		U	0.0107		U	0.0104		U	0.0121		U	0.0107	
Aroclor 1242	53469-21-9	0.1	1	3.2	-	mg/Kg	U	0.00692		U	0.00681		U	0.00663		U	0.00769		U	0.00681	
Aroclor 1248	12672-39-6	0.1	1	3.2	-	mg/Kg	U	0.0077		U	0.00758		U	0.00738		U	0.00856		U	0.00732	
Aroclor 1254	11097-69-1	0.1	1	3.2	-	mg/Kg	U	0.00561		U	0.00553		U	0.00538		U	0.00624		U	0.00541	
Aroclor 1260	11096-82-5	0.1	1	3.2	-	mg/Kg	U	0.00948		U	0.00934		U	0.00909		U	0.0105		U	0.00933	
Aroclor 1262	37324-23-5	0.1	1	3.2	-	mg/Kg	U	0.00652		U	0.00642		U	0.00625		U	0.00725		U	0.00641	
Aroclor 1268	11100-14-4	0.1	1	3.2	-	mg/Kg	U	0.00532		U	0.00524		U	0.0051		U	0.00591		U	0.00523	
PCBs, Total	13356-36-3	0.1	1	3.2	-	mg/Kg	U	0.00456		U	0.00449		U	0.00437		U	0.00507		U	0.00448	
Conventional																					
Solids, Total		-	-	-	-	mg/Kg	90.8		96.5		96.4		81.5		91		97.7		91.4		

Notes:  
 NY-UL: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-CU: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.  
 NY-POGW: New York NYCRR Part 375 Protection of Groundwater Criteria, New York Restricted Use Criteria, per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 2006  
 NY-CP51: New York DEC CP-51 Soil Cleanup Levels Criteria per NY CP-51 Soil Cleanup Levels dated October 21, 2010.

## - Concentration exceeds NY-CU  
## - Concentration exceeds NY-POGW  
## - Concentration exceeds NY-CP51

NA - Parameter not analyzed/available  
mg/kg - Milligram per kilogram  
Soil results are reported on a dry-weight basis.  
Q - Qualifier  
MDL - Method Detection Limit  
U Analyte was not detected at a concentration greater than the laboratory MDL  
J The reported value is an estimated value  
UJ The analyte was not detected, but the reported limit is estimated.  
UR - The analyte was not detected, but the reported limit is estimated low.  
UJ The analyte was not detected, but due to deficiencies the absence of the analyte

Table 2 - Equipment Blank Results  
Phase II Environmental Site Assessment  
52-54 Canal Street  
Lyons, New York

Sample Location		EQUIPMENT BLANK		
Lab ID		L2476426-05		
Sample Date		12/30/2024		
Matrix		Soil		
Remarks				
<b>Parameter</b>	<b>Units</b>	<b>Result</b>	<b>Q</b>	<b>MDL</b>
<b>Volatiles</b>				
1,1,1-Trichloroethane	µg/L		U	0.7
1,1,2,2-Tetrachloroethane	µg/L		U	0.17
1,1,2-Trichloroethane	µg/L		U	0.5
1,1-Dichloroethane	µg/L		U	0.7
1,1-Dichloroethene	µg/L		U	0.17
1,2,3-Trichlorobenzene	µg/L		U	0.7
1,2,4-Trichlorobenzene	µg/L		U	0.7
1,2,4-Trimethylbenzene	µg/L		U	0.7
1,2-Dibromo-3-chloropropane	µg/L		U	0.7
1,2-Dibromoethane	µg/L		U	0.65
1,2-Dichlorobenzene	µg/L		U	0.7
1,2-Dichloroethane	µg/L		U	0.13
1,2-Dichloropropane	µg/L		U	0.14
1,3,5-Trimethylbenzene	µg/L		U	0.7
1,3-Dichlorobenzene	µg/L		U	0.7
1,4-Dichlorobenzene	µg/L		U	0.7
1,4-Dioxane	µg/L		U	61
2-Butanone	µg/L		U	1.9
2-Hexanone	µg/L		U	1
4-Methyl-2-pentanone	µg/L		U	1
Acetone	µg/L		U	1.5
Benzene	µg/L		U	0.16
Bromochloromethane	µg/L		U	0.7
Bromodichloromethane	µg/L		U	0.19
Bromoform	µg/L		U	0.65
Bromomethane	µg/L		U	0.7
Carbon disulfide	µg/L		U	1
Carbon tetrachloride	µg/L		U	0.13
Chlorobenzene	µg/L		U	0.7
Chloroethane	µg/L		U	0.7
Chloroform	µg/L		U	0.7
Chloromethane	µg/L		U	0.7
cis-1,2-Dichloroethene	µg/L		U	0.7
cis-1,3-Dichloropropene	µg/L		U	0.14
Cyclohexane	µg/L		U	0.27
Dibromochloromethane	µg/L		U	0.15
Dichlorodifluoromethane	µg/L		U	1
Ethylbenzene	µg/L		U	0.7
Freon-113	µg/L		U	0.7
Isopropylbenzene	µg/L		U	0.7
Methyl Acetate	µg/L		U	0.23
Methyl cyclohexane	µg/L		U	0.4
Methyl tert butyl ether	µg/L		U	0.17
Methylene chloride	µg/L		U	0.7
n-Butylbenzene	µg/L		U	0.7
n-Propylbenzene	µg/L		U	0.7
o-Xylene	µg/L		U	0.7
p/m-Xylene	µg/L		U	0.7
p-Isopropyltoluene	µg/L		U	0.7
sec-Butylbenzene	µg/L		U	0.7
Styrene	µg/L		U	0.7
tert-Butylbenzene	µg/L		U	0.7
Tetrachloroethene	µg/L		U	0.18
Toluene	µg/L		U	0.7
trans-1,2-Dichloroethene	µg/L		U	0.7
trans-1,3-Dichloropropene	µg/L		U	0.16
Trichloroethene	µg/L		U	0.18
Trichlorofluoromethane	µg/L		U	0.7
Vinyl chloride	µg/L		U	0.07
Xylenes, Total	µg/L		U	0.7
<b>Semivolatiles</b>				
1,2,4,5-Tetrachlorobenzene	µg/L		U	0.24
2,3,4,6-Tetrachlorophenol	µg/L		U	2.2
2,4,5-Trichlorophenol	µg/L		U	2.1
2,4,6-Trichlorophenol	µg/L		U	2.1
2,4-Dichlorophenol	µg/L		U	1.7
2,4-Dimethylphenol	µg/L		U	2
2,4-Dinitrophenol	µg/L		U	5.4
2,4-Dinitrotoluene	µg/L		U	0.54
2,6-Dinitrotoluene	µg/L		U	0.84
2-Chlorophenol	µg/L		U	0.65
2-Methylphenol	µg/L		U	2.3
2-Nitroaniline	µg/L		U	1
2-Nitrophenol	µg/L		U	2
3,3'-Dichlorobenzidine	µg/L		U	1.8

Table 2 - Equipment Blank Results  
Phase II Environmental Site Assessment  
52-54 Canal Street  
Lyons, New York

Sample Location		EQUIPMENT BLANK		
Lab ID		L2476426-05		
Sample Date		12/30/2024		
Matrix		Soil		
Remarks				
Parameter	Units	Result	Q	MDL
3-Methylphenol/4-Methylphenol	µg/L		U	1.4
3-Nitroaniline	µg/L		U	1.2
4,6-Dinitro-o-cresol	µg/L		U	2.3
4-Bromophenyl phenyl ether	µg/L		U	0.24
4-Chloroaniline	µg/L		U	0.47
4-Chlorophenyl phenyl ether	µg/L		U	0.39
4-Nitroaniline	µg/L		U	1.4
4-Nitrophenol	µg/L		U	1.4
Acetophenone	µg/L		U	0.92
Aniline	µg/L		UJ-	0.67
Atrazine	µg/L		U	1
Benzaldehyde	µg/L		U	1.1
Biphenyl	µg/L		U	0.2
Bis(2-chloroethoxy)methane	µg/L		U	0.84
Bis(2-chloroethyl)ether	µg/L		U	0.39
Bis(2-chloroisopropyl)ether	µg/L		U	0.4
Bis(2-ethylhexyl)phthalate	µg/L		U	1.4
Butyl benzyl phthalate	µg/L		U	2.6
Caprolactam	µg/L		U	1.2
Carbazole	µg/L		U	0.31
Dibenzofuran	µg/L		U	0.4
Diethyl phthalate	µg/L		U	0.76
Dimethyl phthalate	µg/L		U	0.92
Di-n-butylphthalate	µg/L		U	0.96
Di-n-octylphthalate	µg/L		U	2.3
Hexachlorocyclopentadiene	µg/L		UJ-	1.2
Isophorone	µg/L		U	0.86
NDPA/DPA	µg/L		U	0.92
Nitrobenzene	µg/L		U	0.2
n-Nitrosodi-n-propylamine	µg/L		U	0.91
p-Chloro-m-cresol	µg/L		U	0.61
Phenol	µg/L		U	0.35
<b>Semivolatiles SIMs</b>				
2-Chloronaphthalene	µg/L		U	0.02
2-Methylnaphthalene	µg/L		U	0.03
Acenaphthene	µg/L		U	0.02
Acenaphthylene	µg/L		U	0.02
Anthracene	µg/L		U	0.02
Benzo(a)anthracene	µg/L	0.04	J	0.03
Benzo(a)pyrene	µg/L	0.04	J	0.02
Benzo(b)fluoranthene	µg/L	0.08	U*	0.03
Benzo(ghi)perylene	µg/L	0.11	U*	0.02
Benzo(k)fluoranthene	µg/L	0.08	U*	0.03
Chrysene	µg/L	0.05	J	0.03
Dibenzo(a,h)anthracene	µg/L	0.12	U*	0.02
Fluoranthene	µg/L	0.03	J	0.03
Fluorene	µg/L		U	0.03
Hexachlorobenzene	µg/L		U	0.01
Hexachlorobutadiene	µg/L		U	0.02
Hexachloroethane	µg/L		U	0.02
Indeno(1,2,3-cd)pyrene	µg/L	0.11	U*	0.02
Naphthalene	µg/L		U	0.02
Pentachlorophenol	µg/L		U	0.06
Phenanthrene	µg/L		U	0.04
Pyrene	µg/L		U	0.04
<b>Polychlorinated Biphenyls</b>				
Aroclor 1016	µg/L		U	0.061
Aroclor 1221	µg/L		U	0.061
Aroclor 1232	µg/L		U	0.061
Aroclor 1242	µg/L		U	0.061
Aroclor 1248	µg/L		U	0.061
Aroclor 1254	µg/L		U	0.061
Aroclor 1260	µg/L		U	0.061
Aroclor 1262	µg/L		U	0.061
Aroclor 1268	µg/L		U	0.061
PCBs, Total	µg/L		U	0.061

Notes:

µg/L - Microgram per liter

Q - Qualifier

MDL - Method Detection Limit

U = Analyte was not detected at a concentration greater than the laboratory MDL

J The reported value is an estimated value

UJ The analyte was not detected, but the reported limit is estimated.

UJ- The analyte was not detected, but the reported limit is estimated low.

U\* The analyte should be considered non-detect based on blank concentrations

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## Appendix A - Regulated Building Material Survey

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# ASBESTOS, LEAD PAINT, AND PCB CAULK SURVEY REPORT

**Pre-Renovation RBM Survey**  
**Vacant Structure**  
**52-54 Canal Street**  
**Lyons, New York**

Prepared For:

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February 2025

Project No. 50514-07



# ASBESTOS, LEAD PAINT, AND PCB CAULK SURVEY REPORT

Pre-Renovation RBM Survey  
Vacant Structure  
52-54 Canal Street  
Lyons, New York

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## ATTACHMENTS

ATTACHMENT A	Licenses and Certifications
ATTACHMENT B	Roof Core Profiles
ATTACHMENT C	Sample Location Plans, Analytical Reports, and Chain of Custody Forms
ATTACHMENT D	Asbestos Location Plans and Asbestos Inspection Summary Table
ATTACHMENT E	Site Photographs

## **1.0 INTRODUCTION AND PROJECT OVERVIEW**

Lu Engineers was retained by Montrose Environmental to provide an asbestos, lead paint, and PCB caulk survey of the building located at 52-54 Canal Street, in Lyons, New York. This survey was performed in anticipation of upcoming renovations to the building.

The asbestos, lead paint, and PCB caulk survey was conducted on November 7, 2024. The intent of this survey was to determine the presence and quantity of asbestos containing materials (ACMs), lead-based paint, and PCB containing caulk. The asbestos survey was conducted in accordance with New York State Department of Labor (NYSDOL) Industrial Code Rule (ICR) 56 by certified inspectors from Lu Engineers. A copy of Lu Engineers' license and inspectors' certifications can be found in Attachment A.

### **1.1 Records Review**

Record drawings of the building or previous surveys were not available for review prior to conducting the asbestos survey.

## **2.0 SITE INSPECTION**

### **2.1 Asbestos**

One of the purposes of the visual inspection was to identify homogeneous areas of suspect asbestos containing materials that exist throughout the area of inspection, as defined in the scope of work. The Asbestos Hazard Emergency Response Act (AHERA) regulations define a homogeneous area as, "... an area of surfacing material, thermal insulation material, or miscellaneous material that is uniform in color and texture." Furthermore, homogeneous areas should consist of the same age and application.

The inspectors identified homogeneous areas that were present within the building. The suspect asbestos materials were given a homogeneous identification number based on color and texture of the material. A list of homogeneous area numbers of the materials encountered is included with the Asbestos Result Table in Section 3.1. Each material was given an identification (ID) number. The material ID number correlates with the ID number found on the sample location plan in Attachment C. Roof core profiles are included in Attachment B.

Occupational Safety and Health Administration (OSHA) and 40 CFR 763 Subpart E – Asbestos Hazard Emergency Response Act (AHERA) bulk sampling protocols were followed.

- Three (3) samples of a homogenous surfacing material in quantities of 1,000 Square Feet (SF) or less were collected.

- Five (5) samples of a homogenous surfacing material in quantities greater than 1,000 SF but less than 5,000 SF were collected.
- Seven (7) samples of a homogenous surfacing material in quantities greater than 5,000 SF were collected.
- Three (3) samples of Thermal System Insulation (TSI) material were collected.
- Two (2) samples of each miscellaneous material were collected.

The suspect asbestos containing materials were extracted using various hand tools, containerized and labeled with unique sample identification numbers. Samples were submitted to the laboratory using standard chain of custody protocols.

Paradigm Environmental Services, Inc. was the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) approved laboratory used for analysis. A copy of Paradigm's credentials is located in Attachment A.

Friable samples were analyzed using NYS ELAP Method 198.1, Polarized Light Microscopy (PLM). Non-friable organically bound (NOB) samples were analyzed using NYS ELAP Method 198.6 (PLM) and, if found to be negative, NYS ELAP Method 198.4, Transmission Electron Microscopy (TEM). All Samples were analyzed via stop positive protocols meaning that once a positive sample of a series was found, the other samples were not analyzed.

Ninety-five (95) bulk samples were collected from the building as part of this project.

The sample identification number indicated on the Bulk Sample Location Plan corresponds to the homogeneous ID numbers which are also located on the laboratory analytical report and the chain of custody forms. The Bulk Sample Location Plan, laboratory analytical report and the chain of custody forms are included in Attachment C.

## 2.2 Lead Paint

Lu Engineers conducted a lead-based paint inspection for this project on November 7, 2024.

A total of thirteen (13) bulk paint samples were collected from several painted surfaces. The sample locations are indicated on the Sample Location Plans included in Attachment C. The sample number indicated on the plans corresponds to the sample numbers on the laboratory analytical report and the chain of custody which are included in Attachment C.

The samples were submitted to Paradigm Environmental Services, Inc., an ELAP-certified laboratory. A copy of Paradigm's laboratory credentials is included in Attachment A. Results of Lu Engineer's visual assessment are included in Section 3.2.

## 2.3 PCB Caulk

Six (6) suspect PCB caulks were sampled during Lu Engineer’s site investigation. The sample locations are indicated on the Sample Location Plans included in Attachment C. The sample number indicated on the plans corresponds to the sample numbers on the laboratory analytical report and the chain of custody which are included in Attachment C.

The samples were submitted to EMSL Analytical, Inc, an NYSDOH certified laboratory. Bulk PCB samples were analyzed using EPA Method 8082. Paradigm’s laboratory credentials are included in Attachment A.

## 3.0 ANALYTICAL RESULTS

### 3.1 Asbestos Results

As defined by the New York State Department of Labor (NYSDOL) 12 NYCRR 56, a sample is considered to be asbestos containing if it contains greater than 1% asbestos by weight based on laboratory analysis. The Occupational Safety and Health Administration (OSHA) 29 CFR 1926.1101 requires specific work practices and prohibitions if asbestos in any quantity, i.e., trace <1%, is present in potentially impacted materials.

A list of Homogeneous Areas (HA) identified for the building area surveyed is included below. The **bold** and *italicized* HA description indicates that the material is positive, based on the sample results.

Homogeneous Area No. (HA)	Description	Condition	Friability	Asbestos Content
1	Grey CMU Block	Intact	NF	NAD
2	Grey Mortar	Intact	NF	NAD
3	White Paint	Poor	NF	NAD
4	Grey/Black Paint	Poor	NF	NAD
5	White Caulk	Poor	NF	NAD
6	Grey/White/Black/Orange Paint	Poor	NF	NAD
<b>7</b>	<b><i>White Exterior Window Glaze</i></b>	<b><i>Poor</i></b>	<b><i>NF</i></b>	<b><i>Chrysotile 1.5%</i></b>
8	Red Brick	Intact	NF	NAD
9	Grey Mortar	Intact	NF	NAD
10	Black Paint	Poor	NF	NAD
11	Grey Paint	Poor	NF	NAD
12	White Caulk	Poor	NF	NAD
13	Grey Paint	Poor	NF	NAD
14	Grey Caulk	Poor	NF	NAD
<b>15</b>	<b><i>Black Roofing Material</i></b>	<b><i>Poor</i></b>	<b><i>NF</i></b>	<b><i>Chrysotile 1.2%</i></b>

Homogeneous Area No. (HA)	Description	Condition	Friability	Asbestos Content
16	Black Roofing Paper	Poor	NF	Trace Chrysotile <1.0%
17	Black Tar	Poor	NF	NAD
18	Black/Blue Paint	Poor	NF	NAD
19	Grey Paint	Poor	NF	NAD
20	Multi-Colored Paint	Poor	NF	NAD
21	Brown Padding Material	Poor	NF	NAD
22	Tan Adhesive	Poor	NF	NAD
23	White Insulation Material	Poor	NF	NAD
24	Black Roofing Material	Poor	NF	NAD
25	Black Waterproof Membrane	Poor	NF	NAD
26	Tan Cloth Wire Cover	Poor	NF	NAD
27	Black Wire Insulation	Poor	NF	NAD
28	Grey/Tan Duct Tape	Poor	NF	NAD
<b>29</b>	<b>White Duct Insulation</b>	<b>Poor</b>	<b>F</b>	<b>Chrysotile 67%</b>
30	Tan Cloth Pipe Cover	Poor	NF	NAD
<b>31</b>	<b>Air Cell Pipe Insulation</b>	<b>Poor</b>	<b>F</b>	<b>Chrysotile 67%</b>
32	Brown Paint	Poor	NF	Trace Chrysotile <1.0%
33	White Window Glaze	Poor	NF	Actinolite/ Tremolite <1.0%
34	White Paint	Poor	NF	NAD
35	White Paint	Poor	NF	NAD
36	White Plaster Skim Coat	Poor	F	NAD
<b>37</b>	<b>Grey Plaster Rough Coat</b>	<b>Poor</b>	<b>F</b>	<b>Chrysotile 1.9%</b>
38	Blue Paint	Poor	NF	NAD
39	Red Clay Shingle with Blue Glaze	Intact	NF	NAD
40	White Window Glaze	Poor	NF	NAD
41	Brown Peg Board	Poor	NF	NAD
42	Brown Door Insulation	Intact	NF	NAD

NAD – No Asbestos Detected

F – Friable; NF – Non-Friable

### 3.2 Lead Paint Results

According to the United States Environmental Protection Agency (EPA), paint is considered lead-based if the concentration is equal to or greater than 0.5% by weight.

According to the Occupational Safety and Health Administration (OSHA), lead means metallic lead, all inorganic lead compounds, and organic soaps with any concentrations of lead. Therefore, all samples collected are considered lead containing per OSHA standards.

Lu Engineers collected a total of thirteen (13) bulk lead paint samples from various locations of the building. The samples were submitted to Paradigm Environmental Services, Inc., an ELAP-certified laboratory. A list of the areas sampled for this survey is included below. The **bold** and **italicized** description indicates that the material is positive for lead per EPA standards, based on the sample results.

Sample No.	Description	Lead Conc. (% by Wt.)
LP-3	White Exterior Paint	0.0354%
LP-4	Grey/Black Exterior Paint	0.0222%
<b><i>LP-6</i></b>	<b><i>Grey/White/Black/Orange Exterior Paint</i></b>	<b><i>2.19%</i></b>
<b><i>LP-10</i></b>	<b><i>Black Exterior Paint</i></b>	<b><i>1.80%</i></b>
<b><i>LP-11</i></b>	<b><i>Grey Exterior Paint</i></b>	<b><i>4.55%</i></b>
LP-13	Grey Exterior Paint	0.123%
LP-18	Black/Blue Interior Paint	0.186%
LP-19	Grey Interior Paint	0.318%
<b><i>LP-20</i></b>	<b><i>Multi-Colored Interior Paint</i></b>	<b><i>1.06%</i></b>
<b><i>LP-32</i></b>	<b><i>Brown Interior Paint</i></b>	<b><i>3.89%</i></b>
<b><i>LP-34</i></b>	<b><i>White Interior Paint</i></b>	<b><i>1.33%</i></b>
<b><i>LP-35</i></b>	<b><i>White Interior Paint</i></b>	<b><i>2.21%</i></b>
<b><i>LP-38</i></b>	<b><i>Blue Interior Paint</i></b>	<b><i>4.85%</i></b>

### 3.3 PCB Caulk Results

EPA defines PCB bulk waste, “as waste derived from manufactured products containing PCBs in a non-liquid state, at any concentration where the concentration at the time of designation for disposal was > 50 ppm PCBs”. Solid wastes containing 50 ppm by weight or greater are listed hazardous wastes in New York State (6 NYCRR Part 371.4(C)).

The following table summarizes the PCB sampling results. A **bold and italicized** sample number indicates that the building material has a PCB concentration that is equal to or greater than 50 ppm based on analytical results.

Sample No.	Description	PCB Content (ppm)	Asbestos Containing
PCB-5	White Caulk	ND	No
PCB-7	White Window Glaze	ND	Yes
PCB-12	White Caulk	ND	No
PCB-14	Grey Caulk	ND	No
PCB-33	White Window Glaze	ND	No
PCB-40	White Window Glaze	ND	No

ND = non-detected

#### 4.0 ASBESTOS MATERIALS AND APPROXIMATE QUANTITIES

Asbestos exists throughout the inspected areas. Based on the analytical results, the following table identifies the Homogeneous Areas that contain asbestos along with the material description and approximate quantity.

Homogeneous Area No. (HA)	Description	Approximate Quantity
7	White Exterior Window Glaze – Note <sup>1</sup>	160 LF
15	Black Roofing Material	16 SF
29	White Duct Insulation	2 LF
31	Air Cell Pipe Insulation – Note <sup>2</sup>	2 LF
37	Grey Plaster Rough Coat	392 SF

SF = Square Feet  
LF = Linear Feet

Note<sup>1</sup> – Asbestos containing white window glaze exists on both interior and exterior of windows located on the north and east walls of the “Front Room”. Three (3) windows total. (53 LF of ACM per window).

Note<sup>2</sup> – HA #31 is described on the laboratory analytical report as “light grey” and “white”. All three (3) samples of this material were homogeneous and sampled from the same pipe, located on the south wall of the attic space.

#### 5.0 LIMITATIONS OF THE INVESTIGATION

This report has been prepared for the exclusive use of the client. This report relies on information supplied by the building owner, employees, tenants and other sources of information. Lu Engineers has prepared this report in accordance with generally accepted practices within the industry.

This report identifies and assesses the location, quantity, and condition of materials that were accessible and visible at the time of sampling. The condition of the suspect materials is based on the actual inspection date. The quantities indicated in the report are based on the visual inspection and are only estimates of the material present.

This survey is not intended to be an abatement design. Per NYCRR 56, an abatement design must be completed by a certified Project Designer.

This survey is intended to be a pre-renovation survey. Destructive measures were taken with attempts to identify materials that may not be immediately visible.



## 6.0 RECOMMENDATIONS

### 6.1 Asbestos Containing Materials

Asbestos containing materials have been identified as part of this assessment as shown in Section 4.0. The locations of asbestos containing materials and a summary of quantities are included in Attachment D.

In accordance with 12 NYCRR 56, no renovation or demolition work shall be commenced by any owner or agent prior to completion of asbestos abatement performed by a licensed asbestos abatement contractor. NYSDOL regulations require that the asbestos containing material that will be disturbed by the renovation or demolition be removed prior to any disturbance of the material.

If suspect asbestos containing materials not identified in this asbestos survey report are discovered during the demolition and/or renovation process; it is required that the presence, location and quantity of newly discovered material, be conveyed within twenty-four (24) hours of discovery to the building owner or their representative. All activities must cease in the area where the presumed asbestos containing material or suspect miscellaneous ACM is found, until a licensed asbestos contractor appropriately assesses and manages the discovered materials.

### 6.2 Lead Paint

According to the United States Environmental Protection Agency (USEPA), paint is considered lead based if the concentration is equal to or greater than 0.5% by weight. The Occupational Safety and Health Administration (OSHA) Regulation in 29 CFR 1926.62 considers any amount of lead in paint to be of concern. The regulation states that the employer shall assure that no employee is exposed to lead concentrations greater than fifty micrograms per cubic meter (50 mg/m<sup>3</sup>) of air averaged over an eight-hour period.

Lead-based Paint was identified as part of this survey that will require special handling and disposal when removed. A lead worker protection specification, consistent with OSHA regulations, is recommended for the project.

### 6.3 PCB Caulk

Caulks containing 50 parts per million (ppm) by weight (on a dry weight basis for other than liquid wastes) or greater of PCBs may be listed as hazardous waste in accordance with New York State Department of Conservation regulations (6 NYCRR Part 371). PCB wastes are also regulated by EPA in the 40 CFR Part 761 regulations.

There were no PCB containing caulks identified as part of this survey.

# *ATTACHMENT A*

## *License and Certifications*



Lu Engineers  
ENVIRONMENTAL • TRANSPORTATION • CIVIL

ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE  
52-54 CANAL STREET  
LYONS, NEW YORK

**WE ARE YOUR DOL**



**Department  
of Labor**

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

# ASBESTOS HANDLING LICENSE

Joseph C. Lu Engineering, P.C.  
280 E. Broad Street, Suite 170, Rochester, NY, 14604

License Number: 29286

License Class: RESTRICTED

Date of Issue: 05/01/2024

Expiration Date: 05/31/2025

Duly Authorized Representative: Mitchell Smith

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Amy Phillips, Director  
For the Commissioner of Labor

EXCELSIOR

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025  
Issued April 01, 2024

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

MR. STEVE DEVITO  
PARADIGM ENVIRONMENTAL SERVICES INC  
179 LAKE AVENUE  
ROCHESTER, NY 14608

NY Lab Id No: 10958

*is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE  
All approved subcategories and/or analytes are listed below:*

**Miscellaneous**

Asbestos in Friable Material	Item 198.1 of Manual EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual
Lead in Dust Wipes	EPA 6010C
Lead in Paint	EPA 6010C

**Sample Preparation Methods**

EPA 3050B



Serial No.: 68645

Property of the New York State Department of Health. Certificates are valid only at the address shown and must be conspicuously posted by the laboratory. Continued accreditation depends on the laboratory's successful ongoing participation in the Program. Consumers may verify a laboratory's accreditation status online at <https://apps.health.ny.gov/pubdoh/applinks/wc/elappublicweb/>, by phone (518) 485-5570 or by email to [elap@health.ny.gov](mailto:elap@health.ny.gov).

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025  
Issued April 01, 2024

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

MR. OWEN MCKENNA  
EMSL ANALYTICAL INC  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077

NY Lab Id No: 10872

*is hereby APPROVED as an Environmental Laboratory for the category  
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS  
All approved subcategories and/or analytes are listed below:*

**Chlorinated Hydrocarbon Pesticides**

Chlordane Total NIOSH 5510

**Metals I**

Lead, Total NIOSH 7082

**Metals II**

Mercury, Total NIOSH 6009

**Miscellaneous**

Asbestos 40 CFR 763 APX A No. III  
YAMATE, AGARWAL GIBB  
NIOSH 7402  
Fibers NIOSH 7400 A RULES  
Particulate Matter 40 CFR PART 50 APP B  
40 CFR PART 50 APP J (PM10)

**Polychlorinated Biphenyls**

PCBs and Aroclors NIOSH 5503

**Sample Preparation Methods**

40 CFR PART 50 APP G

Serial No.: 68608



280 East Broad Street, Suite 170  
Rochester, New York 14604

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



**RYAN DILLARD**  
CLASS(EXPIRES)  
C ATEC (05/25) D INSP (05/25)  
H PM (05/25)

CERT# 24-6TIKQ-SHAB  
DMV# 141584262

MUST BE CARRIED ON ASBESTOS PROJECTS

STATE OF NEW YORK - DEPARTMENT OF LABOR



IF FOUND, RETURN TO:  
NYSDEL - L&C UNIT  
ROOM 161A BUILDING 12  
STATE OFFICE CAMPUS  
ALBANY NY 12226

Ryan Dillard  
C – Air Sampling Technician  
D – Inspector  
H – Project Monitor



280 East Broad Street, Suite 170  
Rochester, New York 14604

STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE

N.Y.S.



**EDWIN GONZALEZ**

CLASS(EXPIRES)

D INSP (08/25) H PM (08/24)

C ATEC (08/24)

CERT# 2-861D4S-SHAB  
DMV# 488755772

MUST BE CARRIED ON ASBESTOS PROJECTS

SIGNATURE (YOUR SIGNATURE) IS HERE



IF FOUND, RETURN TO:

NYSDOL - L&C UNIT

ROOM 161A BUILDING 12

STATE OFFICE CAMPUS

ALBANY NY 12226

C – Air Sampling Technician

D – Inspector

H – Project Monitor

# *ATTACHMENT B*

## *Roof Core Profiles*



Lu Engineers  
ENVIRONMENTAL • TRANSPORTATION • CIVIL

ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE  
52-54 CANAL STREET  
LYONS, NEW YORK



**ROOF CORE PROFILES**  
Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York  
December 2024

Core #1 – Vertical Roof – 2” Depth

- Clay Roof Shingle (HA #39)
- Black Roofing Paper (HA #16)
- Wood Deck
- ***Black Rolled Roofing (Under Metal Siding on South Gable) (HA #15)***

Core #2 – Horizontal Roof – 2” Depth

- Metal Roof
- Black Waterproof Membrane (HA #25)
- Black Roofing Material (HA #24)
- Plywood

Lu Project # 50514-07



Note:

1. ***Bold & italicized*** layers indicate materials are positive for asbestos.

# ATTACHMENT C

*Sample Location Plans,  
Analytical Reports and  
Chain of Custody Forms*



Lu Engineers  
ENVIRONMENTAL • TRANSPORTATION • CIVIL

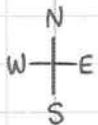
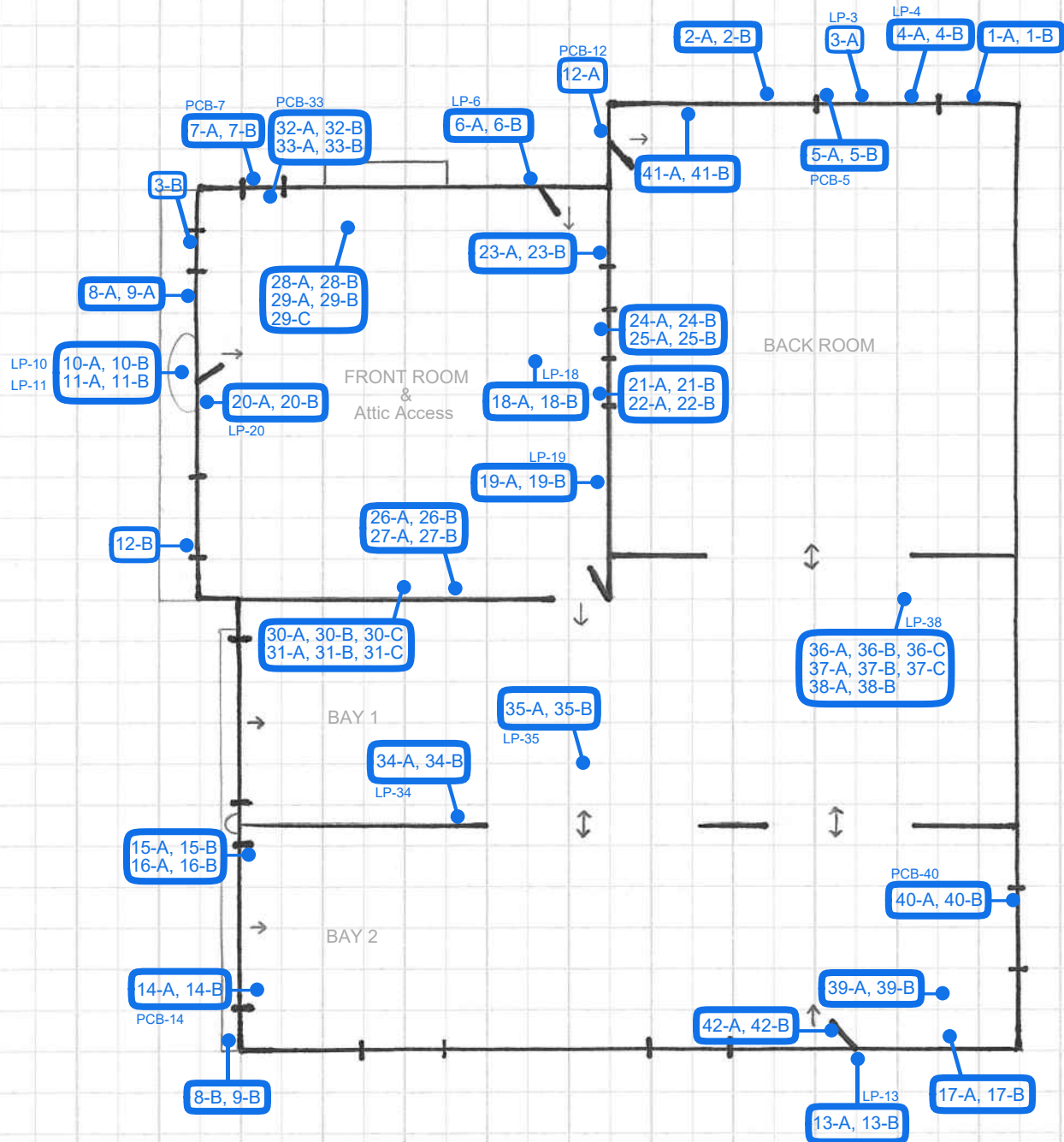
ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE  
52-54 CANAL STREET  
LYONS, NEW YORK



## BULK SAMPLE LOCATION PLAN

52-54 Canal Street, Lyons, New York



LEGEND: ● # = Approximate location of Bulk Sample

## PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York

**Job No:** 8844-24  
**Page:** 1 of 20

**Sample Date:** 11/7/2024

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
1-A	77411	North Exterior Wall	Gray CMU Block	None Detected	0%		Not Required	N/A	None Detected	100%
1-B	77412	North Exterior Wall	Gray CMU Block	None Detected	0%		Not Required	N/A	None Detected	100%
2-A	77413	North Exterior Wall	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
2-B	77414	North Exterior Wall	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
3-A	77415	North Exterior Wall	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
3-B	77416	West Exterior on Window Sill	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
4-A	77417	North Exterior on Concrete Window Sill	Gray/Black Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
4-B	77418	North Exterior on Concrete Window Sill	Gray/Black Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
5-A	77419	North Exterior Between Metal Window Frame and CMU Block	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
5-B	77420	North Exterior Between Metal Window Frame and CMU Block	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

### KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

✓ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200530-0).



Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #211874

**PLM Analyst:** T. Bush

**Date of Analysis:** 11/15/2024

**Microscope:** JEOL-100CX-II #EM-156094-87

**TEM Analyst:** A. Voldbakken

**Date of Analysis:** 11/18/2024

**ELAP ID No.:** 10958

**Laboratory Results Approved By:**

**Asbestos Technical Director or Designee**

Fernanda Weinman

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8844-24-8843-24 11/19/2024

# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8844-24  
**Page:** 2 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
6-A	77421	Northwest Exterior Door	Gray/White/Black/Orange Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
6-B	77422	Northwest Exterior Door	Gray/White/Black/Orange Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
7-A	77423	Northwest Window Exterior	White Window Glaze	Chrysotile 1.5%	1.5%	#	Not Required	N/A	None Detected	98.5%
7-B	77424	Northwest Window Exterior	White Window Glaze	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A
8-A	77425	Northwest Exterior Wall	Red Brick	None Detected	0%		Not Required	N/A	None Detected	100%
8-B	77426	Southwest Exterior Wall	Red Brick	None Detected	0%		Not Required	N/A	None Detected	100%
9-A	77427	Northwest Exterior Wall	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
9-B	77428	Southwest Exterior Wall	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
10-A	77429	Main Entrance on Metal Railing	Black Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
10-B	77430	Main Entrance on Metal Railing	Black Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

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 # denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.  
 X denotes sample prepped only by ELAP Method 198.6.  
 \*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.  
 Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200530-0).



Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #211874  
**PLM Analyst:** T. Bush  
**Date of Analysis:** 11/15/2024

**Microscope:** JEOL-100CX-II #EM-156094-87  
**TEM Analyst:** A. Voldbakken  
**Date of Analysis:** 11/18/2024

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

*Fernanda Weinman*  
Fernanda Weinman

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**ELAP ID No.: 10958**

8844-24-8843-24 11/19/2024



# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8844-24  
**Page:** 3 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
11-A	77431	Main Entrance on Awning	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
11-B	77432	Main Entrance on Awning	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
12-A	77433	North Exterior Door Between Metal Frame and CMU	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
12-B	77434	West Exterior Bay Window	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
13-A	77435	Southeast Exterior Door	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
13-B	77436	Southeast Exterior Door	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
14-A	77437	On Roof at Concrete Ledge Joint	Gray Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
14-B	77438	On Roof at Concrete Ledge Joint	Gray Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
15-A	77439	Under Metal Roof Deck	Black Roofing Material	Chrysotile 1.2%	1.2%	✓	Not Required	N/A	None Detected	98.8%
15-B	77440	Under Metal Roof Deck	Black Roofing Material	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A

#### KEY TO NOB COLUMN SYMBOLS

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Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #211874

**PLM Analyst:** T. Bush

**Date of Analysis:** 11/15/2024

**Microscope:** JEOL-100CX-II #EM-156094-87

**TEM Analyst:** A. Voldbakken

**Date of Analysis:** 11/18/2024

**Laboratory Results Approved By:**

**Asbestos Technical Director or Designee**

**Fernanda Weinman**

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**ELAP ID No.: 10958**

8844-24-8843-24 11/19/2024

# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8844-24  
**Page:** 4 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
16-A	77441	Under Metal Roof Deck	Black Roofing Paper	Inconclusive Trace Chrysotile Detected	<1.0%	✓	Trace Chrysotile <1.0%	<1.0%	None Detected	100%
16-B	77442	Under Metal Roof Deck	Black Roofing Paper	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
17-A	77443	On Concrete Roof Ledge on Patch Repair	Black Tar	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
17-B	77444	On Concrete Roof Ledge on Patch Repair	Black Tar	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

#### KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).  
 ✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.  
 √ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.  
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 X denotes sample prepped only by ELAP Method 198.6.  
 \*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.  
 Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200530-0).



Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #221797  
**PLM Analyst:** K. Acosta  
**Date of Analysis:** 11/15/2024

**Microscope:** JEOL-100CX-II #EM-156094-87  
**TEM Analyst:** A. Voldbakken  
**Date of Analysis:** 11/18/2024

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Fernanda Weinman

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**ELAP ID No.: 10958**

8844-24-8843-24 11/19/2024

# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT

#### via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
 52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8843-24  
**Page:** 5 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
18-A	77356	On Concrete Floor Main Entrance / Front Room	Black/Blue Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
18-B	77357	On Concrete Floor Main Entrance / Front Room	Black/Blue Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
19-A	77358	Front Room East Wall	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
19-B	77359	Front Room East Wall	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
20-A	77360	Front Room West Wall	Multi-Colored Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
20-B	77361	Front Room West Wall	Multi-Colored Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
21-A	77362	Interior Windowsill Front Room East Wall	Brown Fibrous Padding Material	None Detected	0%		Not Required	N/A	Cellulose 99%	1%
21-B	77363	Interior Windowsill Front Room East Wall	Brown Fibrous Padding Material	None Detected	0%		Not Required	N/A	Cellulose 99%	1%
22-A	77364	Interior Windowsill Front Room East Wall	Tan Adhesive	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
22-B	77365	Interior Windowsill Front Room East Wall	Tan Adhesive	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

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 Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200530-0).



Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #221797

**PLM Analyst:** K. Acosta

**Date of Analysis:** 11/15/2024

**Microscope:** JEOL-100CX-II #EM-156094-87

**TEM Analyst:** A. Voldbakken

**Date of Analysis:** 11/18/2024

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

*Fernanda Weinman*  
 Fernanda Weinman

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**ELAP ID No.: 10958**

8844-24-8843-24 11/19/2024



# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8843-24  
**Page:** 6 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
23-A	77366	Front Room East Wall on Heating Duct and Brick	White Insulation Material	None Detected	0%		Not Required	N/A	None Detected	100%
23-B	77367	Front Room East Wall on Heating Duct and Brick	White Insulation Material	None Detected	0%		Not Required	N/A	None Detected	100%
24-A	77368	On Top of Wood Deck Taken From Interior Front Room	Black Roofing Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
24-B	77369	On Top of Wood Deck Taken From Interior Front Room	Black Roofing Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
25-A	77370	On Top of Wood Deck on Top of HA #24	Black Waterproof Membrane	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
25-B	77371	On Top of Wood Deck on Top of HA #24	Black Waterproof Membrane	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
26-A	77372	Front Room South Wall in Fuse Box	Tan Fibrous Cloth Wire Cover	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
26-B	77373	Front Room South Wall in Fuse Box	Tan Fibrous Cloth Wire Cover	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
27-A	77374	Front Room South Wall in Fuse Box Under HA #26	Black Wire Insulation	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
27-B	77375	Front Room South Wall in Fuse Box Under HA #26	Black Wire Insulation	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

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Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #211874  
**PLM Analyst:** T. Bush  
**Date of Analysis:** 11/18/2024

**Microscope:** JEOL-100CX-II #EM-156094-87  
**TEM Analyst:** A. Voldbakken  
**Date of Analysis:** 11/18/2024

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

**Fernanda Weinman**

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**ELAP ID No.: 10958**

8844-24-8843-24 11/19/2024

# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT

#### via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
 52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8843-24  
**Page:** 7 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
28-A	77376	Attic on Air Duct	Gray/Tan Fibrous Duct Tape	None Detected	0%		Not Required	N/A	Synthetic 95%	5%
28-B	77377	Attic on Air Duct	Gray/Tan Fibrous Duct Tape	None Detected	0%		Not Required	N/A	Synthetic 95%	5%
29-A	77378	Attic on Heat Duct	White Fibrous Duct Insulation	Chrysotile 67%	67%		Not Required	N/A	None Detected	33%
29-B	77379	Attic on Heat Duct	White Duct Insulation	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
29-C	77380	Attic on Heat Duct	White Duct Insulation	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
30-A	77381	Attic South Wall on Pipe	Tan Fibrous Cloth Pipe Cover	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
30-B	77382	Attic South Wall on Pipe	Tan Fibrous Cloth Pipe Cover	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
30-C	77383	Attic South Wall on Pipe	Tan Fibrous Cloth Pipe Cover	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
31-A	77384	Attic South Wall on Pipe	White Fibrous Air Cell Pipe Insulation	Chrysotile 67%	67%		Not Required	N/A	None Detected	33%
31-B	77385	Attic South Wall on Pipe	White Air Cell Pipe Insulation	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A

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Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #211874

**PLM Analyst:** T. Dush

**Date of Analysis:** 11/15/2024

**Microscope:** JEOL-100CX-II #EM-156094-87

**TEM Analyst:** N/A

**Date of Analysis:** N/A

**Laboratory Results Approved By:**

**Asbestos Technical Director or Designee**

**Fernanda Weinman**

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**ELAP ID No.: 10958**

8844-24-8843-24 11/19/2024

# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8843-24  
**Page:** 8 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
31-C	77386	Attic South Wall on Pipe	Light Gray Air Cell Pipe Insulation	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
32-A	77387	Interior Window Front Room North Wall	Brown Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
32-B	77388	Interior Window Front Room North Wall	Brown Paint	Inconclusive No Asbestos Detected	0%	✓	Trace Chrysotile <1.0%	<1.0%	None Detected	100%
33-A	77389	Interior Window Front Room North Wall	White Window Glaze	Inconclusive No Asbestos Detected	0%	✓	Actinolite/ Tremolite <1.0%	<1.0%	None Detected	100%
33-B	77390	Interior Window Front Room North Wall	White Window Glaze	Inconclusive No Asbestos Detected	0%	✓	Actinolite/ Tremolite <1.0%	<1.0%	None Detected	100%
34-A	77391	Bay 1 South Wall	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
34-B	77392	Bay 1 South Wall	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
35-A	77393	Bay 1 Ceiling	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
35-B	77394	Bay 1 Ceiling	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
36-A	77395	Bay 1 Ceiling	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	None Detected	100%

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Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #211874

**PLM Analyst:** T. Dush

**Date of Analysis:** 11/18/2024

**Microscope:** JEOL-100CX-II #EM-156094-87

**TEM Analyst:** A. Voldbakken

**Date of Analysis:** 11/18/2024

**Laboratory Results Approved By:**

**Asbestos Technical Director or Designee**

Fernanda Weinman

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**ELAP ID No.: 10958**

8844-24-8843-24 11/19/2024

# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York  
**Sample Date:** 11/7/2024

**Job No:** 8843-24  
**Page:** 9 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
36-B	77396	Bay 1 Ceiling	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	None Detected	100%
36-C	77397	Bay 1 Ceiling	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	None Detected	100%
37-A	77398	Bay 1 Ceiling	Gray Fibrous Plaster Rough Coat	Chrysotile 1.9%	1.9%		Not Required	N/A	Cellulose 10%	88.1%
37-B	77399	Bay 1 Ceiling	Gray Plaster Rough Coat	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
37-C	77400	Bay 1 Ceiling	Gray Plaster Rough Coat	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
38-A	77401	Bay 1 Ceiling	Blue Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
38-B	77402	Bay 1 Ceiling	Blue Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
39-A	77403	Bay 2 Southeast Corner Surplus Pile in Bay 2	Red Clay Shingle With Blue Glaze	None Detected	0%		Not Required	N/A	None Detected	100%
39-B	77404	Bay 2 Southeast Corner Surplus Pile in Bay 2	Red Clay Shingle With Blue Glaze	None Detected	0%		Not Required	N/A	None Detected	100%
40-A	77405	Bay 2 East Window Interior	White Window Glaze	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%

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Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #221797

**PLM Analyst:** K. Acosta

**Date of Analysis:** 11/15/2024

**Microscope:** JEOL-100CX-II #EM-156094-87

**TEM Analyst:** A. Voldbakken

**Date of Analysis:** 11/18/2024

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

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8844-24-8843-24 11/19/2024



# PARADIGM

## ENVIRONMENTAL SERVICES

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530

### PLM & TEM BULK ASBESTOS ANALYSIS REPORT via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Lu Engineers  
**Location:** Pre-Demolition RBM Survey  
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**Sample Date:** 11/7/2024

**Job No:** 8843-24  
**Page:** 10 of 20

**Reissued:** 11/19/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
40-B	77406	Bay 2 East Window Interior	White Window Glaze	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%
41-A	77407	Back Room North Wall	Brown Fibrous Peg Board	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
41-B	77408	Back Room North Wall	Brown Fibrous Peg Board	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
42-A	77409	Bay 2 South Wall	Brown Fibrous Door Insulation	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
42-B	77410	Bay 2 South Wall	Brown Fibrous Door Insulation	None Detected	0%		Not Required	N/A	Cellulose 100%	0%

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Lab Code 200530-0 for PLM Analysis

**Microscope:** Olympus BH-2 #211874

**PLM Analyst:** T. Bush

**Date of Analysis:** 11/18/2024

**Microscope:** JEOL-100CX-II #EM-156094-87

**TEM Analyst:** A. Voldbakken

**Date of Analysis:** 11/18/2024

**ELAP ID No.:** 10958

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Fernanda Weinman

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8844-24-8843-24 11/19/2024

# Bulk Sample Chain of Custody



<b>Project Name:</b> Pre-Demolition RBM Survey (Vacant Structure)		<b>Lu Project #</b> 50514-07	
<b>Site Address:</b> 52-54 Canal Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services	
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604		10f4 <sup>th</sup>	
Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>		Comments: 11/8/2023	
<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		<b>Turn Around Time</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
		<b>STOP POSITIVE</b>	
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>	<b>NOTES</b>
1-A	North Exterior Wall	Grey CMU Block	77411
1-B	North Exterior Wall	Grey CMU Block	412
2-A	North Exterior Wall	Grey Mortar	413 w/HA# 1
2-B	North Exterior Wall	Grey Mortar	414 w/HA# 1
3-A	North Exterior Wall	White Paint	415
3-B	West Exterior, on Windowsill	White Paint	416
4-A	North Exterior, on Concrete Windowsill	Grey/Black Paint	417
4-B	North Exterior, on Concrete Windowsill	Grey/Black Paint	418
5-A	North Exterior, Between Metal Window Frame and CMU Block	White Caulk	419
5-B	North Exterior, Between Metal Window Frame and CMU Block	White Caulk	420 5m 11/18/24

Date Sampled: 11-7-2024

Inspector: R. Dillard / E. Gonzalez

Relinquished By: [Signature]

Date/Time: 11-11-2024

Received By: [Signature]

Date/Time: 11-11-24 1408

# Bulk Sample Chain of Custody



<b>Project Name:</b> Pre-Demolition RBM Survey		<b>Lu Project #</b> 50514-07		8844-24	
<b>Site Address:</b> 352-54 Canal Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services			
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York			
Lu Engineers 280 East Broad Street, Suite 170 Rochester, NY 14604 Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>		<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Comments: 2064pk 128003	
		<b>Turn Around Time</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day		STOP POSITIVE	
FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES		
6-A	Northwest Exterior Door	Grey/White/Black/Orange Paint	77421		
6-B	Northwest Exterior Door	Grey/White/Black/Orange Paint	422		
7-A	Northwest Window Exterior	White Window Glaze	423		
7-B	Northwest Window Exterior	White Window Glaze	424		
8-A	Northwest Exterior Wall	Red Brick	425		
8-B	Southwest Exterior Wall	Red Brick	426		
9-A	Northwest Exterior Wall	Grey Mortar	427	w/HA# 8	
9-B	Southwest Exterior Wall	Grey Mortar	428	w/HA# 8	
10-A	Main Entrance, on Metal Railing	Black Paint	429		
10-B	Main Entrance, on Metal Railing	Black Paint	430		

Date Sampled: 11-7-2024  
 Inspector: R. Dillard / E. Gonzalez  
 Relinquished By: [Signature] Date/Time: 11-11-2024  
 Received By: [Signature] Date/Time: 11-11-24 1408  
 280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com

# Bulk Sample Chain of Custody

<b>Project Name:</b> Pre-Demolition RBM Survey		<b>Lu Project #</b> 50514-07	
<b>Site Address:</b> 352-54 Canal Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services	
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604		<b>Comments:</b> Turn Around Time <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		<b>STOP POSITIVE</b>	
Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>			
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>	<b>NOTES</b>
11-A	Main Entrance, on Awning	Grey Paint	77431
11-B	Main Entrance, on Awning	Grey Paint	432
12-A	North Exterior Door, Between Metal Frame and CMU	White Caulk	433
12-B	West Exterior, on Bay Window	White Caulk	434
13-A	Southeast Exterior Door	Grey Paint	435
13-B	Southeast Exterior Door	Grey Paint	436
14-A	On Roof, at Concrete Ledge Joint	Grey Caulk	437
14-B	On Roof, at Concrete Ledge Joint	Grey Caulk	438
15-A	Under Metal Roof Deck	Black Roofing Material	439
15-B	Under Metal Roof Deck	Black Roofing Material	440

Date Sampled: 11-7-2024 Relinquished By: [Signature] Date/Time: 11-11-2024  
Inspector: R. Dillard / E. Gonzalez Received By: [Signature] Date/Time: 11-11-24 1408  
280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | [luengineers.com](http://luengineers.com)



# Bulk Sample Chain of Custody



<b>Project Name:</b> Pre-Demolition RBM Survey		<b>Lu Project #</b> 50514-07	
<b>Site Address:</b> 352-54 Canal Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services	
<b>Results to:</b> <b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604 Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York Comments: 40 of 41 11.6 11.11.24	
<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		<b>Turn Around Time</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
<b>STOP POSITIVE</b>			
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>	<b>NOTES</b>
16-A	Under Metal Roof Deck	Black Roofing Paper	77441
16-B	Under Metal Roof Deck	Black Roofing Paper	442
17-A	On concrete Roof Ledge	Black Tar	443 on Patch Repair
17-B	On concrete Roof Ledge	Black Tar	444 on Patch Repair

Date Sampled: 11-7-2024  
Inspector: R. Dillard / E. Gonzalez

Relinquished By: [Signature] Date/Time: 11-11-2024  
Received By: [Signature] Date/Time: 11-11-24 1408

# Bulk Sample Chain of Custody



**Lu Engineers**  
ENVIRONMENTAL • TRANSPORTATION • CIVIL

p

<b>Project Name:</b> Pre- Demolition RBM Survey		<b>Lu Project #</b> 50514-07		8843-24	
<b>Site Address:</b> 52-54 Canal Street, Lyons, New York 14489		<b>Laboratory Name:</b> Paradigm Environmental Services			
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York		Pg 1 of 6 158202	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604		<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		<b>Turn Around Time</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>		<b>Comments:</b>		<b>STOP POSITIVE</b>	
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>		<b>NOTES</b>	
18-A	On Concrete Floor, Main Entrance/Front room	Black/Blue Paint		77356	
18-B	On Concrete Floor, Main Entrance/Front room	Black/Blue Paint		357	
19-A	Front Room, East Wall	Grey Paint		358	
19-B	Front Room, East Wall	Grey Paint		359	
20-A	Front Room, West Wall	Multi-Colored Paint		360	
20-B	Front Room, West Wall	Multi-Colored Paint		361	
21-A	Interior Windowsill, Front Room, East Wall	Brown Padding Material		362	
21-B	Interior Windowsill, Front Room, East Wall	Brown Padding Material		363	
22-A	Interior Windowsill, Front Room, East Wall	Tan Adhesive		364 w/HA# 21	
22-B	Interior Windowsill, Front Room, East Wall	Tan Adhesive		365 w/HA# 21	

Date Sampled: 11-7-2024  
Inspector: R. Dillard / E. Gonzalez


Relinquished By: [Signature] Date/Time: 11-11-2024  
Received By: [Signature] Date/Time: 11-11-24 1351

# Bulk Sample Chain of Custody

<b>Project Name:</b> Pre- Demolition RBM Survey		<b>Lu Project #</b> 50514-07	
<b>Site Address:</b> 52-54 Canal Street, Lyons, New York 14489		<b>Laboratory Name:</b> Paradigm Environmental Services	
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604		<b>Comments:</b> Pg 2 of 6 108202	
<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		<b>Turn Around Time</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>		<b>STOP POSITIVE</b>	
FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
23-A	Front Room, East Wall, on Heating Duct and Brick	White Insulation Material	77366
23-B	Front Room, East Wall, on Heating Duct and Brick	White Insulation Material	367
24-A	On Top of Wood Deck	Black Roofing Material	Taken from Interior Front Room 368
24-B	On Top of Wood Deck	Black Roofing Material	Taken from Interior Front Room 369
25-A	On Top of Wood Deck	Black Waterproof Membrane	370 On Top of HA# 24
25-B	On Top of Wood Deck	Black Waterproof Membrane	371 On Top of HA# 24
26-A	Front Room, South Wall, in Fuse Box	Tan Cloth Wire Cover	372
26-B	Front Room, South Wall, in Fuse Box	Tan Cloth Wire Cover	373
27-A	Front Room, South Wall, in Fuse Box	Black Wire Insulation	374 Under HA#26
27-B	Front Room, South Wall, in Fuse Box	Black Wire Insulation	375 Under HA#26

Date Sampled: 11-7-2024

Inspector: R. Dillard / E. Gonzalez

Relinquished By: 

Date/Time 11-11-2024

Received By: 

Date/Time 11-11-24 1351

# Bulk Sample Chain of Custody



<b>Project Name:</b> Pre-Demolition RBM Survey		<b>Lu Project #</b> 50514-07		8843-24	
<b>Site Address:</b> 52-54 Canal Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services			
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York		Pg 3 of 6	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604		<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		178222	
Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>		<b>Turn Around Time</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input checked="" type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day		<b>Comments:</b>  <b>STOP POSITIVE</b>	
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>		<b>NOTES</b>	
28-A	Attic, on Air Duct	Grey/Tan Duct Tape		77376	
28-B	Attic, on Air Duct	Grey/Tan Duct Tape		377	
29-A	Attic, on Heat Duct	White Duct Insulation		378	
29-B	Attic, on Heat Duct	White Duct Insulation		379	
29-C	Attic, on Heat Duct	White Duct Insulation		380	
30-A	Attic, South Wall, on Pipe	Tan Cloth Pipe Cover		381	
30-B	Attic, South Wall, on Pipe	Tan Cloth Pipe Cover		382	
30-C	Attic, South Wall, on Pipe	Tan Cloth Pipe Cover		383	
31-A	Attic, South Wall, on Pipe	Air Cell Pipe Insulation		384	
31-B	Attic, South Wall, on Pipe	Air Cell Pipe Insulation		385	

Date Sampled: 11-7-2024  
Inspector: R. Dillard / E. Gonzalez  
Relinquished By: [Signature] Date/Time: 11-11-2024  
Received By: [Signature] Date/Time: 11-11-24 1351  
280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com



# Bulk Sample Chain of Custody

<b>Project Name:</b> Pre- Demolition RBM Survey		<b>Lu Project #</b> 50514-07	
<b>Site Address:</b> 52-54 Canal Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services	
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604		<b>Comments:</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		<b>STOP POSITIVE</b>	
Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:sdavis@luengineers.com">sdavis@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>			
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>	<b>NOTES</b>
31-C	Attic, South Wall, on Pipe	Air Cell Pipe Insulation	77386
32-A	Interior Window, Front Room, North Wall	Brown Paint	387
32-B	Interior Window, Front Room, North Wall	Brown Paint	388
33-A	Interior Window, Front Room, North Wall	White Window Glaze	389
33-B	Interior Window, Front Room, North Wall	White Window Glaze	390
34-A	Bay 1, South Wall	White Paint	391
34-B	Bay 1, South Wall	White Paint	392
35-A	Bay 1, Ceiling	White Paint	393
35-B	Bay 1, Ceiling	White Paint	394
36-A	Bay 1, Ceiling	White Plaster Skim Coat	395 <del>AD5</del> <sup>EW</sup> 1118

Date Sampled: 11-7-2024  
Inspector: R. Dillard / E. Gonzalez  
Relinquished By:  Date/Time 11-11-2024  
Received By:  Date/Time 11-11-24 1351  
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# Bulk Sample Chain of Custody



<b>Project Name:</b> Pre-Demolition RBM Survey		<b>Lu Project #</b> 50514-07	
<b>Site Address:</b> 52-54 Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services	
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604		<b>Turn Around Time</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		<b>Comments:</b> STOP POSITIVE	
<b>Email:</b> <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>			
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>	<b>NOTES</b>
36-B	Bay 1, Ceiling	White Plaster Skim Coat	77346
36-C	Bay 1, Ceiling	White Plaster Skim Coat	397
37-A	Bay 1, Ceiling	Grey Plaster Rough Coat	348
37-B	Bay 1, Ceiling	Grey Plaster Rough Coat	399
37-C	Bay 1, Ceiling	Grey Plaster Rough Coat	400
38-A	Bay 1, Ceiling	Blue Paint	401
38-B	Bay 1, Ceiling	Blue Paint	402
39-A	Bay 2, Southeast Corner	Red Clay Shingle with Blue Glaze	403 Surplus Pile in Bay 2
39-B	Bay 2, Southeast Corner	Red Clay Shingle with Blue Glaze	404 Surplus Pile in Bay 2
40-A	Bay 2, East Window Interior	White Window Glaze	405

Date Sampled: 11-7-2024  
Inspector: R. Dillard / E. Gonzalez  
Relinquished By: [Signature] Date/Time: 11-11-2024  
Received By: [Signature] Date/Time: 11-11-24 1351  
280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com

# Bulk Sample Chain of Custody



<b>Project Name:</b> Pre- Demolition RBM Survey		<b>Lu Project #</b> 50514-07	
<b>Site Address:</b> 52-54 Canal Street, Lyons, New York		<b>Laboratory Name:</b> Paradigm Environmental Services	
<b>Results to:</b>		<b>Laboratory Address:</b> 179 Lake Avenue Rochester, New York	
<b>Lu Engineers</b> 280 East Broad Street, Suite 170 Rochester, NY 14604	<b>Sample Type</b> <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only	<b>Comments:</b> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
Email: <a href="mailto:msmith@luengineers.com">msmith@luengineers.com</a> , <a href="mailto:rdillard@luengineers.com">rdillard@luengineers.com</a> , <a href="mailto:egonzalez@luengineers.com">egonzalez@luengineers.com</a>		<b>STOP POSITIVE</b>	
<b>FIELD ID</b>	<b>SAMPLE LOCATION</b>	<b>MATERIAL</b>	<b>NOTES</b>
40-B	Bay 2, East Window Interior	White Window Glaze	77406
41-A	Back Room, North Wall	Brown Peg Board	407
41-B	Back Room, North Wall	Brown Peg Board	408
42-A	Bay 2, South Wall	Brown Door Insulation	409
42-B	Bay 2, South Wall	Brown Door Insulation	410

Date Sampled: 11-7-2024  
Inspector: R. Dillard / E. Gonzalez

Relinquished By: [Signature] Date/Time: 11-11-2024  
Received By: [Signature] Date/Time: 11-11-24 1351



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

*Analytical Report For*  
**Lu Engineers, Inc.**

*For Lab Project ID*

**245307**

*Referencing*

**50514-07 Pre-Demo RBM Survey 52-54 Canal Street**

*Prepared*

**Friday, November 15, 2024**

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below:

***Reduced sample size used for Lead analysis due to limited sample volume. Kindly refer to Chain of Custody Supplement for the affected samples.***

*Emily Laumen*

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

*Report Prepared Friday, November 15, 2024*

Page 1 of 19





Lab Project ID: 245307

Client: **Lu Engineers, Inc.**

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

---

Sample Identifier: Exterior LP-3, White Paint

Lab Sample ID: 245307-01

Date Sampled: 11/7/2024 9:00

Matrix: Paint

Date Received 11/11/2024

---

***Lead***

<b><u>Analyte</u></b>	<b><u>Result</u></b>	<b><u>Units</u></b>	<b><u>Qualifier</u></b>	<b><u>Date Analyzed</u></b>
Lead	0.0354	%		11/13/2024 09:53
Method Reference(s):	EPA 6010C EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, November 15, 2024



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

Sample Identifier: Exterior LP-4, Grey/Blk Paint

Lab Sample ID: 245307-02

Date Sampled: 11/7/2024 9:10

Matrix: Paint

Date Received 11/11/2024

***Lead***

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Lead	0.0222	%		11/13/2024 09:56
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, November 15, 2024



**Lab Project ID:** 245307

**Client:** **Lu Engineers, Inc.**

**Project Reference:** 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

---

**Sample Identifier:** Exterior LP-6, Gry/Wht/Blk/Or/Pnt

**Lab Sample ID:** 245307-03

**Date Sampled:** 11/7/2024 9:20

**Matrix:** Paint

**Date Received** 11/11/2024

---

***Lead***

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Lead	<b>2.19</b>	%		11/13/2024 09:59
<b>Method Reference(s):</b> EPA 6010C EPA 3050B				
<b>Preparation Date:</b> 11/12/2024				
<b>Data File:</b> 241113A				



Lab Project ID: 245307

Client: **Lu Engineers, Inc.**

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

---

Sample Identifier: Exterior LP-10, Black Paint

Lab Sample ID: 245307-04

Date Sampled: 11/7/2024 9:30

Matrix: Paint

Date Received 11/11/2024

---

***Lead***

<b><u>Analyte</u></b>	<b><u>Result</u></b>	<b><u>Units</u></b>	<b><u>Qualifier</u></b>	<b><u>Date Analyzed</u></b>
Lead	1.80	%		11/13/2024 10:02
Method Reference(s):	EPA 6010C EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, November 15, 2024

Page 5 of 19



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

---

Sample Identifier: Exterior LP-11, Grey Paint

Lab Sample ID: 245307-05

Date Sampled: 11/7/2024 10:00

Matrix: Paint

Date Received 11/11/2024

---

***Lead***

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	4.55	%		11/14/2024 06:24
Method Reference(s):	EPA 6010C EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241114A			

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Report Prepared Friday, November 15, 2024



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

Sample Identifier: Exterior LP-13, Grey Paint

Lab Sample ID: 245307-06

Date Sampled: 11/7/2024 10:10

Matrix: Paint

Date Received 11/11/2024

***Lead***

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Lead	0.123	%		11/13/2024 10:09
Method Reference(s):	EPA 6010C EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

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Report Prepared Friday, November 15, 2024



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

Sample Identifier: Interior LP-18, Blk/Blue Paint

Lab Sample ID: 245307-07

Date Sampled: 11/7/2024 10:20

Matrix: Paint

Date Received 11/11/2024

***Lead***

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Lead	0.186	%		11/13/2024 10:19
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

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Report Prepared Friday, November 15, 2024



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

Sample Identifier: Interior LP-19, Grey Paint

Lab Sample ID: 245307-08

Date Sampled: 11/7/2024 10:30

Matrix: Paint

Date Received 11/11/2024

***Lead***

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	0.318	%		11/13/2024 10:22
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

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Report Prepared Friday, November 15, 2024





Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

---

Sample Identifier: Interior LP-20, Multi-Col. Paint

Lab Sample ID: 245307-09

Date Sampled: 11/7/2024 11:00

Matrix: Paint

Date Received 11/11/2024

---

***Lead***

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	1.06	%		11/13/2024 10:25
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, November 15, 2024

Page 10 of 19



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

Sample Identifier: Interior LP-32, Brown Paint

Lab Sample ID: 245307-10

Date Sampled: 11/7/2024 11:10

Matrix: Paint

Date Received 11/11/2024

***Lead***

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Lead	3.89	%		11/14/2024 06:27
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241114A			

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Report Prepared Friday, November 15, 2024



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

Sample Identifier: Interior LP-34, White Paint

Lab Sample ID: 245307-11

Date Sampled: 11/7/2024 11:20

Matrix: Paint

Date Received 11/11/2024

***Lead***

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	1.33	%		11/13/2024 10:32
Method Reference(s):	EPA 6010C EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

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Report Prepared Friday, November 15, 2024



Lab Project ID: 245307

Client: Lu Engineers, Inc.

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

Sample Identifier: Interior LP-35, White Paint

Lab Sample ID: 245307-12

Date Sampled: 11/7/2024 11:30

Matrix: Paint

Date Received 11/11/2024

***Lead***

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	2.21	%		11/13/2024 10:35
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241113A			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, November 15, 2024



Lab Project ID: 245307

Client: **Lu Engineers, Inc.**

Project Reference: 50514-07 Pre-Demo RBM Survey 52-54 Canal Street

---

Sample Identifier: Interior LP-38, Blue Paint

Lab Sample ID: 245307-13

Date Sampled: 11/7/2024 12:00

Matrix: Paint

Date Received 11/11/2024

---

***Lead***

<b><u>Analyte</u></b>	<b><u>Result</u></b>	<b><u>Units</u></b>	<b><u>Qualifier</u></b>	<b><u>Date Analyzed</u></b>
Lead	4.85	%		11/14/2024 06:30
Method Reference(s):	EPA 6010C			
	EPA 3050B			
Preparation Date:	11/12/2024			
Data File:	241114A			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Friday, November 15, 2024

Page 14 of 19



## Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

*"<" = Analyzed for but not detected at or above the quantitation limit.*

*"E" = Result has been estimated, calibration limit exceeded.*

*"H" = Denotes a parameter analyzed outside of holding time.*

*"Z" = See case narrative.*

*"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.*

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.*

*"B" = Method blank contained trace levels of analyte. Refer to included method blank report.*

*"J" = Result estimated between the quantitation limit and half the quantitation limit.*

*"L" = Laboratory Control Sample recovery outside accepted QC limits.*

*"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.*

*"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.*

*"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

*"(1)" = Indicates data from primary column used for QC calculation.*

*"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.*

*"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.*

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# GENERAL TERMS AND CONDITIONS

## LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

### Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

### Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

### Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

### Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

### Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

### Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

### Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

### Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

### Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

### Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

ENVIROMENTAL STEWARDS, INC.

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATERIALS	CONTAMINANTS	TOTAL LEAD	REMARKS	PARADIGM LAB SAMPLE NUMBER
11-7-24	0900		X	Exterior LP-3	PAINT	1	X	LP-3, white Paint	01
	0910		X	LP-4	X	1	X	LP-4, Grey/Blk Paint	02
	0920		X	LP-6	X	1	X	LP-6, Grey/white/Blk/or/rot	03
	0930		X	LP-10	X	1	X	LP-10, Black Paint	04
	1000		X	LP-11	X	1	X	LP-11, Grey Paint	05
	1010		X	LP-13	X	1	X	LP-13, Grey Paint	06
	1020		X	Interior LP-18	X	1	X	LP-18, Blk/Blue Paint	07
	1030		X	LP-19	X	1	X	LP-19, Grey Paint	08
	1100		X	LP-20	X	1	X	LP-20, Multi-col. Paint	09
	1110		X	LP-32	X	1	X	LP-32, Brown Paint	10

Temperature: ☐ Y ☐ N

Comments: \_\_\_\_\_

P.I.F.



2.F.3

# CHAIN OF CUSTODY



## REPORT TO:

## INVOICE TO:

COMPANY: LU ENGINEERS	COMPANY: Same	LAB PROJECT #: 245307	CLIENT PROJECT #: 50514-07
ADDRESS: 280 East Broad Street, Suite 170	ADDRESS:		
CITY: ROCHESTER STATE: NY ZIP: 14604	CITY:	STATE:	ZIP:
PHONE: 385-7417 FAX: 546-1634	PHONE:	FAX:	
ATTN: Mitch Smith	ATTN:		
COMMENTS: msmith@luengineers.com, rdillard@luengineers.com, egonzalez@luengineers.com			
REQUESTED ANALYSIS		Quotation #	
PAINT		STD OTHER	
		1 2 3 5	

DATE	TIME	COMPOSITE	GRADES	SAMPLE LOCATION/FIELD ID	MAINTENANCE	COUNTS	TOTAL LEAD	REMARKS	PARADIGM LAB SAMPLE NUMBER
11-7-24	11:20		X	Interior	X	1	X	LP-34, white paint	1
2	11:30		X	LP-35	X	1	X	LP-35, white paint	2
3	12:00		X	LP-38	X	1	X	LP-38, Blue paint	3
4									
5									
6									
7									
8									
9									
10									

\*\*LAB USE ONLY BELOW THIS LINE\*\*

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter NELAC Compliance

Container Type: Y ☐ N ☐

Comments: Preservation: Y ☐ N ☐

Comments: Holding Time: Y ☐ N ☐

Comments: Temperature: Y ☐ N ☐

Sampled By R. Dillard / E. Gonzalez Date/Time 11-7-2024

Relinquished By [Signature] Date/Time 11-11-2024

Received By [Signature] Date/Time 11/11/24 12:37

Received @ Lab By Date/Time

Total Cost:

P.I.F.



3 of 3

**Chain of Custody Supplement**Client: Lu EngineersCompleted by: Glenn PezzuloLab Project ID: 245307Date: 11/11/24**Sample Condition Requirements**

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Preservation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Compliant Sample Quantity/Type	<input checked="" type="checkbox"/> -01, -03, -05, -08, -12	<input checked="" type="checkbox"/> -02, -06, -07, -13	<input type="checkbox"/>
Comments	limited volume MS 11/12/24		



**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax: 856-786-5974  
EMSL-CIN-01

**EMSL Order ID:** 012437007

**LIMS Reference ID:** AC37007

**EMSL Customer ID:** LUEN50

December 06, 2024

Mitch Smith  
LU Engineers [LUEN50]  
280 East Broad St., Suite 170  
Rochester, NY 14604

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 11/13/2024. The results are tabulated on the attached pages for the following client designated project:

**Pre-Demo RBM Survey (52-54 Canal Street) 50514-07**

The reference number for these samples is EMSL Order #: AC37007 . Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact the lab at 856-858-4800.

---

Owen McKenna Laboratory Manager or other approved signatory

# Table of Contents

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Certifications	13
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**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax: 856-786-5974  
EMSL-CIN-01

**EMSL Order ID:** 012437007**LIMS Reference ID:** AC37007**EMSL Customer ID:** LUEN50

**Attention:** Mitch Smith  
LU Engineers [LUEN50]  
280 East Broad St., Suite 170  
Rochester, NY 14604  
(585) 385-7417  
msmith@luengineers.com

**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
**EMSL Sales Rep:** Gillian Egiazarov  
**Received:** 11/13/2024 09:20  
**Reported:** 12/06/2024 14:05

**Sample Condition on Receipt****Cooler ID:** Default Cooler**Temperature:** 21.4 °C

Custody Seals	Y
Containers Intact	Y
COC/Labels Agree	Y
Preservation Confirmed	Y

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax: 856-786-5974  
EMSL-CIN-01

**EMSL Order ID:** 012437007**LIMS Reference ID:** AC37007**EMSL Customer ID:** LUEN50

**Attention:** Mitch Smith  
LU Engineers [LUEN50]  
280 East Broad St., Suite 170  
Rochester, NY 14604  
(585) 385-7417  
msmith@luengineers.com

**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
**EMSL Sales Rep:** Gillian Egiazarov  
**Received:** 11/13/2024 09:20  
**Reported:** 12/06/2024 14:05

**Samples in this Report**

Lab ID	Sample	Matrix	Date Sampled	Date Received
AC37007-01	PCB-5	Solid	11/7/24 12:00 am	11/13/2024
AC37007-02	PCB-7	Solid	11/7/24 12:00 am	11/13/2024
AC37007-03	PCB-12	Solid	11/7/24 12:00 am	11/13/2024
AC37007-04	PCB-14	Solid	11/7/24 12:00 am	11/13/2024
AC37007-05	PCB-33	Solid	11/7/24 12:00 am	11/13/2024
AC37007-06	PCB-40	Solid	11/7/24 12:00 am	11/13/2024

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax: 856-786-5974  
EMSL-CIN-01

**EMSL Order ID:** 012437007**LIMS Reference ID:** AC37007**EMSL Customer ID:** LUEN50

**Attention:** Mitch Smith  
LU Engineers [LUEN50]  
280 East Broad St., Suite 170  
Rochester, NY 14604  
(585) 385-7417  
msmith@luengineers.com

**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
**EMSL Sales Rep:** Gillian Egiazarov  
**Received:** 11/13/2024 09:20  
**Reported:** 12/06/2024 14:05

### Positive Hits Summary

No positive results reported

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax:856-786-5974  
EMSL-CIN-01

**EMSL Order ID:** 012437007**LIMS Reference ID:** AC37007**EMSL Customer ID:** LUEN50

**Attention:** Mitch Smith  
LU Engineers [LUEN50]  
280 East Broad St., Suite 170  
Rochester, NY 14604  
(585) 385-7417  
msmith@luengineers.com

**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
**EMSL Sales Rep:** Gillian Egiazarov  
**Received:** 11/13/2024 09:20  
**Reported:** 12/06/2024 14:05

**Sample Results**

**Sample: PCB-5/White Caulk**  
**AC37007-01 (Solid)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND	1	0.26		mg/kg	11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Surrogate(s)	Recovery	Q	Limits							
Surrogate: Tetrachloro-m-xylene	56%		10-112			11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A
Surrogate: Decachlorobiphenyl	53%		10-123			11/26/24 08:34	11/27/24 11:48	CWA/TL1	SW846 3546	SW846-8082A



**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
Telephone: 856-858-4800 Fax:856-786-5974  
EMSL-CIN-01

**EMSL Order ID:** 012437007**LIMS Reference ID:** AC37007**EMSL Customer ID:** LUEN50

**Attention:** Mitch Smith  
LU Engineers [LUEN50]  
280 East Broad St., Suite 170  
Rochester, NY 14604  
(585) 385-7417  
msmith@luengineers.com

**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
**EMSL Sales Rep:** Gillian Egiazarov  
**Received:** 11/13/2024 09:20  
**Reported:** 12/06/2024 14:05

### Sample Results

(Continued)

**Sample: PCB-7/White Window Glaze**  
**AC37007-02 (Solid)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1221	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1232	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1242	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1248	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1254	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1260	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1262	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1268	ND	1	0.24	mg/kg	11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate(s)	Recovery	Q	Limits							
Surrogate: Tetrachloro-m-xylene	64%		10-112		11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate: Decachlorobiphenyl	58%		10-123		11/26/24 08:34	11/27/24 12:10	CWA/TL1	SW846 3546	SW846-8082A	

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**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
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### Sample Results

(Continued)

**Sample:** PCB-12/White Caulk  
AC37007-03 (Solid)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND	1	0.98		mg/kg	11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Surrogate(s)	Recovery	Q	Limits							
Surrogate: Tetrachloro-m-xylene	61%		10-112			11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A
Surrogate: Decachlorobiphenyl	53%		10-123			11/26/24 08:34	11/27/24 12:32	CWA/TL1	SW846 3546	SW846-8082A

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**Attention:** Mitch Smith  
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**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
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### Sample Results

(Continued)

**Sample:** PCB-14/Grey Caulk  
**AC37007-04 (Solid)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1221	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1232	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1242	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1248	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1254	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1260	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1262	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1268	ND	1	0.88	mg/kg	11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate(s)	Recovery	Q	Limits							
Surrogate: Tetrachloro-m-xylene	62%		10-112		11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate: Decachlorobiphenyl	58%		10-123		11/26/24 08:34	11/27/24 12:54	CWA/TL1	SW846 3546	SW846-8082A	

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**Attention:** Mitch Smith  
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**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
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### Sample Results

(Continued)

**Sample:** PCB-33/White Window Glaze  
AC37007-05 (Solid)

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1221	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1232	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1242	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1248	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1254	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1260	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1262	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1268	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate(s)	Recovery	Q	Limits							
Surrogate: Tetrachloro-m-xylene	54%		10-112		11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate: Decachlorobiphenyl	48%		10-123		11/26/24 08:34	11/27/24 13:16	CWA/TL1	SW846 3546	SW846-8082A	

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**Attention:** Mitch Smith  
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(585) 385-7417  
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**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

**Customer PO:**  
**EMSL Sales Rep:** Gillian Egiazarov  
**Received:** 11/13/2024 09:20  
**Reported:** 12/06/2024 14:05

### Sample Results (Continued)

**Sample: PCB-40/White Window Glaze  
AC37007-06 (Solid)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
GC-SVOA										
Aroclor-1016	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1221	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1232	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1242	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1248	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1254	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1260	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1262	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Aroclor-1268	ND	1	0.25	mg/kg	11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate(s)	Recovery	Q	Limits							
Surrogate: Tetrachloro-m-xylene	61%		10-112		11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	
Surrogate: Decachlorobiphenyl	56%		10-123		11/26/24 08:34	11/27/24 13:38	CWA/TL1	SW846 3546	SW846-8082A	

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**Attention:** Mitch Smith  
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**Project Name:** Pre-Demo RBM Survey (52-54 Canal Street)  
50514-07

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**Quality Control****GC-SVOA**

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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**Batch: BCK2551 - SW846 3546****Blank (BCK2551-BLK1)**

Prepared: 11/26/2024 Analyzed: 11/27/2024

Aroclor-1016	ND	0.25	mg/kg
Aroclor-1221	ND	0.25	mg/kg
Aroclor-1232	ND	0.25	mg/kg
Aroclor-1242	ND	0.25	mg/kg
Aroclor-1248	ND	0.25	mg/kg
Aroclor-1254	ND	0.25	mg/kg
Aroclor-1260	ND	0.25	mg/kg
Aroclor-1262	ND	0.25	mg/kg
Aroclor-1268	ND	0.25	mg/kg

**Surrogate(s)**

Surrogate: Tetrachloro-m-xylene	0.5000	60	10-112
Surrogate: Decachlorobiphenyl	0.5000	56	10-123

**LCS (BCK2551-BS1)**

Prepared: 11/26/2024 Analyzed: 11/27/2024

Aroclor-1016	3.07	0.25	mg/kg	5.000	61	23-111
Aroclor-1260	3.00	0.25	mg/kg	5.000	60	29-119

**Surrogate(s)**

Surrogate: Tetrachloro-m-xylene	0.5000	62	10-112
Surrogate: Decachlorobiphenyl	0.5000	57	10-123

**Matrix Spike (BCK2551-MS1)****Source: AC37007-06**

Prepared: 11/26/2024 Analyzed: 11/27/2024

Aroclor-1016	3.38	0.25	mg/kg	5.076	ND	67	10-111
Aroclor-1260	3.25	0.25	mg/kg	5.076	ND	64	10-132

**Surrogate(s)**

Surrogate: Tetrachloro-m-xylene	0.5076	63	10-112
Surrogate: Decachlorobiphenyl	0.5076	55	10-123

**Matrix Spike Dup (BCK2551-MSD1)****Source: AC37007-06**

Prepared: 11/26/2024 Analyzed: 11/27/2024

Aroclor-1016	3.33	0.25	mg/kg	4.926	ND	68	10-111	2	28
Aroclor-1260	3.40	0.25	mg/kg	4.926	ND	69	10-132	5	28

**Surrogate(s)**

Surrogate: Tetrachloro-m-xylene	0.4926	67	10-112
Surrogate: Decachlorobiphenyl	0.4926	61	10-123

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**Certified Analyses included in this Report**

Analyte	CAS #	Certifications
<b><i>SW846-8082A in Solid</i></b>		
Aroclor-1016	12674-11-2	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1221	11104-28-2	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1232	11141-16-5	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1242	53469-21-9	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1248	12672-29-6	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1254	11097-69-1	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1260	11096-82-5	NJDEP,NYSDOH,PADEP,California ELAP
Aroclor-1262	37324-23-5	NJDEP,NYSDOH,PADEP
Aroclor-1268	11100-14-4	NJDEP,NYSDOH,PADEP

**List of Certifications**

Code	Description	Number	Expires
PADEP	Pennsylvania Department of Environmental Protection	68-00367	11/30/2025
NYSDOH	New York State Department of Health	10872	04/01/2025
NJDEP	New Jersey Department of Environmental Protection	03036	06/30/2025
MADEP	Massachusetts Department of Environmental Protection	M-NJ337	06/30/2025
CTDPH	Connecticut Department of Public Health	PH-0270	06/23/2026
California ELAP	California Water Boards	1877	06/30/2025
AIHA LAP	EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited	100194	01/01/2025
A2LA	A2LA Environmental Certificate	2845.01	07/31/2026

Please see the specific Field of Testing (FOT) on [www.emsl.com](http://www.emsl.com) <<http://www.emsl.com>> for a complete listing of parameters for which EMSL is certified.



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### Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RL	Reporting Limit
Wet	Sample is not dry weight corrected.
%REC	Percent Recovery
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

EMAIL: c@emsl.com

AL37007

Customer Information	Customer ID:		Billing Information	Billing ID:	
	Company Name:	LU Engineers		Company Name:	LU Engineers
	Contact Name:	Mitch Smith		Billing Contact:	Mitch Smith
	Street Address:	280 East Broad St., Suite 170		Street Address:	280 East Broad St., Suite 170
	City, State, Zip:	Rochester NY 14604 Country: US		City, State, Zip:	Rochester NY 14604 Country: US
	Phone:	585-385-7417		Phone:	585-385-7417
	Email(s) for Report:	msmith@luengineers.com, rdillard@luengineers.com		Email(s) for Invoice:	msmith@luengineers.com

Project Name/No: Pre-Demo RBM Survey (52-54 Canal Street) 50514-07 Purchase Order:

EMSL LIMS Project ID: (If applicable, EMSL will provide) US State where samples collected: NY State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)

Samples for Compliance? ☐ Yes ☒ No If Yes, for NPDES? ☐ Yes ☒ No Other (Specify) PWS ID: State Reporting Required? ☐ Yes ☒ No

Samples Collected by (Check One): ☐ EMSL ☒ CLIENT Samples Received Chilled? ☐ Yes ☒ No Sample(s) Temperature Upon Receipt (LAB ONLY)

Sampled By Name: R. Dillard / E. Gonzalez Sampled By Signature: No. of Samples in Shipment:

Turn-Around-Time (TAT) Standard Turn-Around-Time: ☒ 2 Weeks The following TAT's are subject to Lab approval. Call lab to confirm TAT before submittal: ☐ 1 Week ☐ 4 Days ☐ 3 Days ☐ 2 Days ☐ 1 Day

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix W=Water S=Soil A=Air SL=Sludge O=Other	Preservative 1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other Describe below in Special Instructions	List Test(s) Needed (Write in test below, then check on sample line:)	Comments
						Test 1: PCB Caulk Test 2: Test 3: Test 4: Test 5: Test 6: Test 7: Test 8:	
1 PCB-5		<input checked="" type="checkbox"/>	11-7-24	O		<input checked="" type="checkbox"/>	White Caulk
2 PCB-7		<input checked="" type="checkbox"/>	11-7-24	O		<input checked="" type="checkbox"/>	White Window Glaze
3 PCB-12		<input checked="" type="checkbox"/>	11-7-24	O		<input checked="" type="checkbox"/>	White Caulk
4 PCB-14		<input checked="" type="checkbox"/>	11-7-24	O		<input checked="" type="checkbox"/>	Grey Caulk

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Reporting Requirements: ☒ Results Only ☐ Results and QC ☐ Reduced Deliverables ☐ Hzresults EDD ☐ Excel ☐ Other (Describe Above)

Method of Shipment: Fed Ex Sample Condition Upon Receipt:

Relinquished by: R. Dillard Date/Time: 11-11-2024 @ 1200 Received by: Date/Time: 11/13/24 0920

Relinquished by: Date/Time: Received by: Date/Time:



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
200 Route 130 North

Cinnaminson, NJ 08077  
PHONE: 1-800-220-3675  
EMAIL: c@emsl.com

AC37007

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Test(s) Needed (Write in test below, then check on sample line:)								Comments
				W=Water S=Soil A=Air SL=Sludge O=Other	1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other <i>Describe in Special Instructions</i>	Test 1: PCB Caulk	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	
5 PCB-33	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11-7-24	O		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	White Window Glaze
6 PCB-40	<input type="checkbox"/>	<input checked="" type="checkbox"/>	11-7-24	O		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	White Window Glaze
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:

Date/Time:

Received by:

Date/Time

Relinquished by:

Date/Time:

Received by:

Date/Time

Controlled Document - COC-07 Chemistry R11 02/26/2021



AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

## *ATTACHMENT D*

### *Asbestos Location Plans and Asbestos Inspection Summary Table*



Lu Engineers  
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ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE  
52-54 CANAL STREET  
LYONS, NEW YORK





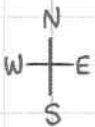
# ASBESTOS LOCATION PLAN

52-54 Canal Street, Lyons, New York



## LEGEND:

- = Approximate location of AC White Window Glaze
- = Approximate location of AC Black Roofing Material
- = Approximate location of AC White Duct Insulation (Attic)
- = Approximate location of AC Air Cell Pipe Insulation (Attic)
- = Approximate location of AC Grey Plaster Rough Coat



**Asbestos Inspection Summary Table  
Pre-Demolition RBM Survey  
52-54 Canal Street, Lyons, New York**

<u>Homogeneous Area Description</u>	<u>Homogeneous Area ID No.</u>	<u>Floor &amp; Location</u>	<u>Tested or Assumed</u>	<u>ACM (Y/N)</u>	<u>Approx. Quantity</u>
White Window Glaze	7	North and East Walls of Front Room	Tested	Y	160 LF
				<b>Total</b>	<b>160 LF</b>
Black Roofing Material	15	Under Metal Siding on South Gable	Tested	Y	16 SF
				<b>Total</b>	<b>16 SF</b>
White Duct Insulation	29	Attic, on Heat Duct	Tested	Y	2 LF
				<b>Total</b>	<b>2 LF</b>
Air Cell Pipe Insulation	31	Attic, South Wall, on Pipe	Tested	Y	2 LF
				<b>Total</b>	<b>2 LF</b>
Grey Plaster Rough Coat	37	Bay 1, Ceiling and Partial Northwest Wall	Tested	Y	392 SF
				<b>Total</b>	<b>392 SF</b>

# *ATTACHMENT E*

## *Site Photographs*



Lu Engineers  
ENVIRONMENTAL • TRANSPORTATION • CIVIL

ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE  
52-54 CANAL STREET  
LYONS, NEW YORK



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 8:01am  
Creator: Ryan Dillard



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 8:14am  
Creator: Ryan Dillard



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 10:26am  
Creator: Ryan Dillard



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 11:34am  
Creator: Ryan Dillard





Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 11:35am  
Creator: Ryan Dillard



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 11:40am  
Creator: Ryan Dillard



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 11:42am  
Creator: Ryan Dillard



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 12:29pm  
Creator: Ryan Dillard



Project: 52-54 Canal Street-Vacant Structure 50514-07  
Date: 11/7/2024, 12:29pm  
Creator: Ryan Dillard

---

## Appendix B – Disposal, Importation, and Utility Clearing Documentation

---



REMARKS
24-ED16
LIFTS
52 (ANN ST)
LYONS, NY

Signature:



REMARKS
24-E016
CONCRETE
52 CANAL ST, LYONS, NY

Signature:

**NON-HAZARDOUS  
WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone

4. Waste Tracking Number

800-535-5053

58762

5. Generator's Name and Mailing Address

Wayne County  
26 Church Street  
Lyons, NY 14489

Generator's Site Address (if different than mailing address)

Wayne County  
52 Canal Street  
Lyons, NY 14489

Generator's Phone:

585.617.5710

6. Transporter 1 Company Name

Environmental Service Group, Inc

716.695.6720

U.S. EPA ID Number

NYD986903904

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

American Recyclers Company  
177 Wales Avenue  
Tonawanda, NY 14150

U.S. EPA ID Number

Facility's Phone:

716.695.6720

NYR000030809

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. Non RCRA Non DOT Regulated, (Hydraulic Oil)

2305

001

DM

055

6

2.

3.

4.

13. Special Handling Instructions and Additional Information

ERG:

Approval #:

Handling Codes:

24 Hour Emergency Contact:

1 -

1 -

G-25645IN

1 - None

INFOTRAC (Caller Must ID

2 -

2 -

2 -

ESG)

3 -

3 -

3 -

4 -

4 -

4 -

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name

Signature

Month Day Year

Jasiri Barenid

[Signature]

2 7 2006

15. International Shipments

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

Transporter 2 Printed/Typed Name

Signature

Month Day Year

EDUARDO VEROST

[Signature]

02 07 25

17. Discrepancy:

17a. Discrepancy Indication Space

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

Justin Rainville

[Signature]

02 07 25

DESIGNATED FACILITY TO GENERATOR

# I N V O I C E

PAGE: 1

Q's Power Equipment, Inc.  
1442 Welcher Road  
Newark, NY 14513 USA  
Phone #: (315)331-0589  
Fax #: (315)257-9417

PHONE #: (585)944-3310  
CELL #: (585)944-3310  
FAX #:  
P.O.#: 24-EO16  
TERMS: Cash  
SALES ORDER#: 36383  
SALES TYPE: Sales  
CP: AlexQ  
SALES REP: AlexQ

DATE: 12/30/2024 10:43:50 AM  
INVOICE #: 71882  
CUSTOMER#: 107394  
LOCATION: 1

**BILL TO 107394**

FRANK THOMAS  
52 CANAL STREET  
LYONS, NY 14489 US

**SHIP TO**

FRANK THOMAS  
52 CANAL STREET  
LYONS, NY 14489 US

MFR	PRODUCT NUMBER	DESCRIPTION	SOLD	B/O	PRICE	NET	TOTAL
MISC	CRUSHER RUN #1	CRUSHER RUN #1 PER YARD	3	0	\$40.00	\$40.00	\$120.00
****	DELIVERY-MAT	DELIVERY -- MATERIALS	1	0	\$50.00	\$50.00	\$50.00

Thank you for your business!

No returns on electrical parts

No returns on wholegoods or attachments

No returns without a receipt, IN STORE CREDIT ONLY. NO CASH/CREDIT REFUNDS

No returns after 7 days for parts

Returned items incur a 20% restocking fee

Upon payment, you acknowledge and accept the manufacturer's terms, conditions, & warranties.

Storage rate is \$20 per day after 5 business days

Return check fee \$ 65.00

SUBTOTAL: \$170.00

TAX: \$13.60

INVOICE TOTAL: \$183.60

12/30/2024 PMT CREDIT CARD : 9806 \$183.60

AMOUNT DUE: \$0.00

Picked Up By: \_\_\_\_\_

Ticket: 12204-000-889-00 Type: Regular Previous Ticket:

-----  
State: NY County: WAYNE Place: LYONS  
Addr: From: 52 To: Name: CANAL ST  
Cross: From: To: Name:  
Offset:  
-----

Locate: ENTIRE PROPERTY  
NearSt: GENEVA ST & CLYDE RD  
Means of Excavation: MINI EXCAVATOR Blasting: N  
Site marked with white: N  
Boring/Directional Drilling: N  
Within 25ft of Edge of Road: N

Work Type: HYDRAULIC LIFT REMOVAL  
Estimated Work Complete Date: 12/27/2024  
Depth of excavation: 6 FEET  
Site dimensions: Length 8 FEET Width 10 FEET  
Start Date and Time: 12/26/2024 07:00  
Must Start By: 01/10/2025  
-----

Contact Name: FRANK THOMAS  
Company: SESSLER ENVIRONMENTAL SERVICES  
Addr1: 1330 RESEARCH FORST Addr2:  
City: MACEDON State: NY Zip: 14502  
Phone: 585-944-3310 Fax:  
Email: fthomas@sesslerenv.com  
Field Contact: FRANK THOMAS  
Alt Phone: 585-944-3310 Email: fthomas@sesslerenv.com  
Working for: MONTROSE ENVIRONMENTAL  
-----

Comments: Lookup Type: PARCEL  
-----

Members:  
NYSEG GENEVA ELECTRIC 800-262-8600  
NYSEG GENEVA GAS 800-262-8600  
WAYNE COUNTY WATER & SEWER AUTHORITY 315-986-1929

\* Responses are current as of 01/21/2025 01:51 PM

<u>Service Area</u>	<u>Utility Type(s)</u>	<u>Contact</u>	<u>Alternate Contact</u>	<u>Emergency Contact</u>	<u>Positive Response</u>
NYSEG GENEVA ELECTRIC NYSEG / GENEVA ELEC	ELECTRIC	USIC LOCATING2 (800) 262-8600	USIC LOCATING2	USIC LOCATING2	CLEAR, NO FACILITIES WITHIN 1 5 FT OF THE EXCAVATOR DEFINE D WORK AREA Date: 12/27/2024 08:03 AM
NYSEG GENEVA GAS NYSEG / GENEVA GAS	GAS	USIC LOCATING2 (800) 262-8600	USIC LOCATING2	USIC LOCATING2	CLEAR, NO FACILITIES WITHIN 1 5 FT OF THE EXCAVATOR DEFINE D WORK AREA Date: 12/27/2024 08:03 AM 2024/12/24 15:12 TICKET DELAY ED 48 HOURS. 2024/12/24 15:12 RESCHEDULE APPROVED BY: FRANK THOMAS 585-944-3310 2024/12/26 17:55 CALLER IS REQ UESTING AN ETA ON THIS TICKE T. WILL BE ONSITE TOMORROW AT 8AM. PLEASE GIVE THEM A C ALL WHEN YOU GET A CHANCE, THANKS! 2024/12/27 08:02 WORKING INS IDE THE BUILDING CONTRATOR ON SITE REMOVING HYDROLIC L IFT IN 2 OLD BAY GARAGE AREA S.  ELECTRIC OH NOT MARKED AND GS NOT LONGER ACTIVE TO BUI LDING
WAYNE COUNTY WATER & SEWER AUTHORITY WAYNE CTY WTR & SWR AUTH	SANITARY SEWER, WATER	JASON MONROE (315) 986-1929	JASON MONROE	JASON MONROE	CLEAR, NO FACILITIES WITHIN 1 5 FT OF THE EXCAVATOR DEFINE D WORK AREA Date: 12/23/2024 02:39 PM



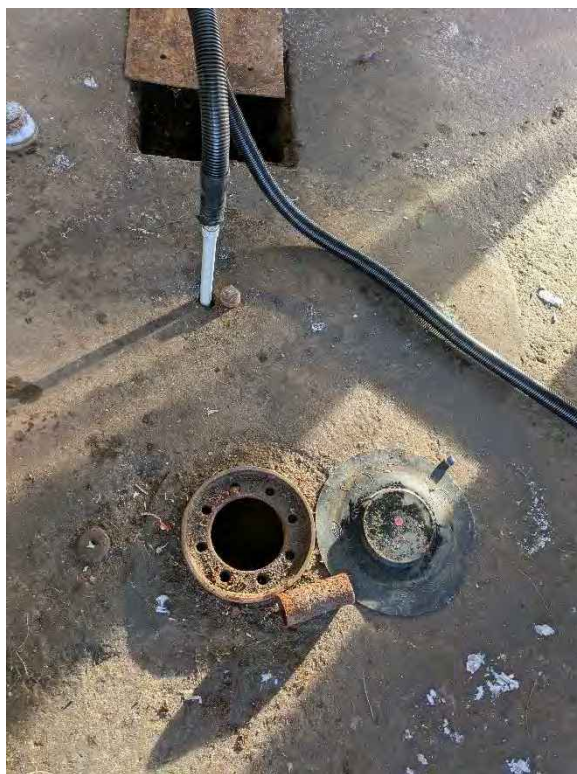
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## Appendix C – Photo Log

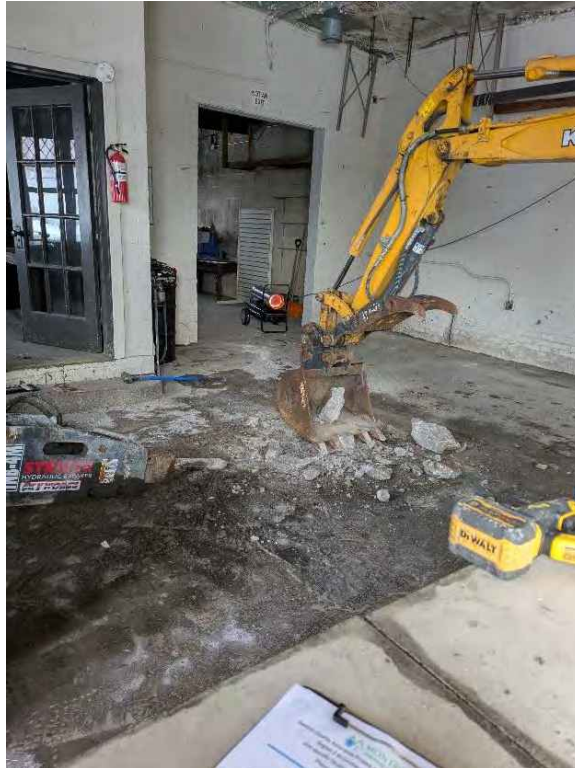
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**1. North lift pre-removal.**



**2. South lift pre-removal.**



**3. Removal of concrete at north lift. Facing northeast.**



**4. Removed north lift staged on poly sheeting.**





**5. Excavation at north lift. Brick fragments shown.**



**6. Excavated soil from north lift removal.**



**7. Removed south lift and hydraulic oil tank staged on poly sheeting.**



**8. Excavation at south lift. Brick fragments and hydraulic system piping shown.**





**9. Excavated soil from south lift removal.**

---

## Appendix D – Laboratory Analytical Reports

---



## ANALYTICAL REPORT

Lab Number:	L2476274
Client:	Montrose Environmental 100 S. Clinton Ave Suite 2330 Rochester, NY 14604
ATTN:	Katie Nelson
Phone:	(716) 329-0672
Project Name:	52-54 CANAL ST, LYONS
Project Number:	037112
Report Date:	01/24/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

---

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





**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2476274-01	EB-01	SOIL	52-54 CANAL ST. LYONS, NEW YORK	12/27/24 14:00	12/27/24
L2476274-02	ESW-01	SOIL	52-54 CANAL ST. LYONS, NEW YORK	12/27/24 14:15	12/27/24
L2476274-03	ESW-02	SOIL	52-54 CANAL ST. LYONS, NEW YORK	12/27/24 14:30	12/27/24

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

### 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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

### Case Narrative (continued)

#### Report Revision

January 24, 2025: At the client's request, the Volatile Organics and Semivolatile Organics reporting lists have been changed.

#### Report Submission

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


#### Semivolatile Organics

The WG2015218-4/-5 MS/MSD recoveries, performed on L2476274-01, are below the acceptance criteria for 3,3'-dichlorobenzidine (13%/9%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

The WG2015218-4/-5 MS/MSD recoveries, performed on L2476274-01, is below the acceptance criteria for 2,4-dinitrophenol (0%/0%) and 4,6-dinitro-o-cresol (7%); however, they have been identified as "difficult" analytes. The results of the associated sample 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/24/25

# ORGANICS

# VOLATILES

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01  
 Client ID: EB-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:00  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/06/25 10:57  
 Analyst: AJK  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-01**Date Collected:** 12/27/24 14:00**Client ID:** EB-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	9.9	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND		ug/kg	10	0.56	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND		ug/kg	4.2	0.63	1

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01

Date Collected: 12/27/24 14:00

Client ID: EB-01

Date Received: 12/27/24

Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

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	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02  
 Client ID: ESW-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:15  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/03/25 16:08  
 Analyst: LAC  
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.99	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	3.9	0.68	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
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-02**Date Collected:** 12/27/24 14:15**Client ID:** ESW-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	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	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.7	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		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
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	3.9	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02

Date Collected: 12/27/24 14:15

Client ID: ESW-01

Date Received: 12/27/24

Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

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	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03  
 Client ID: ESW-02  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:30  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/03/25 16:34  
 Analyst: LAC  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	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	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-03**Date Collected:** 12/27/24 14:30**Client ID:** ESW-02**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.97	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.30	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.58	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03

Date Collected: 12/27/24 14:30

Client ID: ESW-02

Date Received: 12/27/24

Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

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	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: 52-54 CANAL ST, LYONS

Lab Number: L2476274

Project Number: 037112

Report Date: 01/24/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 01/03/25 13:32  
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG2016599-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.31	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
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
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



Project Name: 52-54 CANAL ST, LYONS

Lab Number: L2476274

Project Number: 037112

Report Date: 01/24/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 01/03/25 13:32  
 Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG2016599-5					
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
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
Freon-113	ND		ug/kg	4.0	0.69





**Project Name:** 52-54 CANAL ST, LYONS**Project Number:** 037112**Lab Number:** L2476274**Report Date:** 01/24/25**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D

Analytical Date: 01/03/25 13:32

Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02-03 Batch: WG2016599-5					
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 01/06/25 10:05  
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2016945-5					
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
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
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 01/06/25 10:05  
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2016945-5					
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
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
Freon-113	ND		ug/kg	4.0	0.69



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D

Analytical Date: 01/06/25 10:05

Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2016945-5					
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG2016599-3 WG2016599-4								
Methylene chloride	82		80		70-130	2		30
1,1-Dichloroethane	90		84		70-130	7		30
Chloroform	87		83		70-130	5		30
Carbon tetrachloride	94		82		70-130	14		30
1,2-Dichloropropane	90		87		70-130	3		30
Dibromochloromethane	97		98		70-130	1		30
1,1,2-Trichloroethane	89		90		70-130	1		30
Tetrachloroethene	89		80		70-130	11		30
Chlorobenzene	89		84		70-130	6		30
Trichlorofluoromethane	95		83		70-139	13		30
1,2-Dichloroethane	88		88		70-130	0		30
1,1,1-Trichloroethane	89		80		70-130	11		30
Bromodichloromethane	87		86		70-130	1		30
trans-1,3-Dichloropropene	89		89		70-130	0		30
cis-1,3-Dichloropropene	91		90		70-130	1		30
Bromoform	95		98		70-130	3		30
1,1,2,2-Tetrachloroethane	89		93		70-130	4		30
Benzene	84		79		70-130	6		30
Toluene	84		77		70-130	9		30
Ethylbenzene	83		77		70-130	8		30
Chloromethane	109		97		52-130	12		30
Bromomethane	114		100		57-147	13		30
Vinyl chloride	89		78		67-130	13		30

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Project Number:** 037112

**Lab Number:** L2476274

**Report Date:** 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG2016599-3 WG2016599-4								
Chloroethane	90		80		50-151	12		30
1,1-Dichloroethene	90		79		65-135	13		30
trans-1,2-Dichloroethene	91		82		70-130	10		30
Trichloroethene	90		82		70-130	9		30
1,2-Dichlorobenzene	93		89		70-130	4		30
1,3-Dichlorobenzene	93		86		70-130	8		30
1,4-Dichlorobenzene	91		86		70-130	6		30
Methyl tert butyl ether	100		103		66-130	3		30
p/m-Xylene	87		81		70-130	7		30
o-Xylene	87		82		70-130	6		30
cis-1,2-Dichloroethene	90		85		70-130	6		30
Styrene	88		84		70-130	5		30
Dichlorodifluoromethane	98		83		30-146	17		30
Acetone	135		154	Q	54-140	13		30
Carbon disulfide	90		80		59-130	12		30
2-Butanone	106		119		70-130	12		30
4-Methyl-2-pentanone	94		101		70-130	7		30
2-Hexanone	91		101		70-130	10		30
Bromochloromethane	100		97		70-130	3		30
1,2-Dibromoethane	96		99		70-130	3		30
n-Butylbenzene	91		79		70-130	14		30
sec-Butylbenzene	90		80		70-130	12		30
tert-Butylbenzene	92		82		70-130	11		30

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02-03 Batch: WG2016599-3 WG2016599-4								
1,2-Dibromo-3-chloropropane	88		91		68-130	3		30
Isopropylbenzene	91		81		70-130	12		30
p-Isopropyltoluene	94		84		70-130	11		30
n-Propylbenzene	87		79		70-130	10		30
1,2,3-Trichlorobenzene	91		92		70-130	1		30
1,2,4-Trichlorobenzene	91		88		70-130	3		30
1,3,5-Trimethylbenzene	87		80		70-130	8		30
1,2,4-Trimethylbenzene	88		81		70-130	8		30
Methyl Acetate	110		121		51-146	10		30
Cyclohexane	102		90		59-142	13		30
Freon-113	99		86		50-139	14		30
Methyl cyclohexane	93		81		70-130	14		30

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	95		99		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	106		104		70-130

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

Parameter	<i>LCS</i> %Recovery	Qual	<i>LCSD</i> %Recovery	Qual	<i>%Recovery</i> Limits	RPD	Qual	<i>RPD</i> Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2016945-3 WG2016945-4								
Methylene chloride	103		98		70-130	5		30
1,1-Dichloroethane	118		113		70-130	4		30
Chloroform	115		112		70-130	3		30
Carbon tetrachloride	119		115		70-130	3		30
1,2-Dichloropropane	113		111		70-130	2		30
Dibromochloromethane	105		102		70-130	3		30
1,1,2-Trichloroethane	102		99		70-130	3		30
Tetrachloroethene	111		109		70-130	2		30
Chlorobenzene	104		102		70-130	2		30
Trichlorofluoromethane	132		122		70-139	8		30
1,2-Dichloroethane	110		108		70-130	2		30
1,1,1-Trichloroethane	121		117		70-130	3		30
Bromodichloromethane	114		111		70-130	3		30
trans-1,3-Dichloropropene	106		102		70-130	4		30
cis-1,3-Dichloropropene	117		114		70-130	3		30
Bromoform	100		97		70-130	3		30
1,1,2,2-Tetrachloroethane	97		93		70-130	4		30
Benzene	117		115		70-130	2		30
Toluene	103		101		70-130	2		30
Ethylbenzene	106		103		70-130	3		30
Chloromethane	119		108		52-130	10		30
Bromomethane	120		114		57-147	5		30
Vinyl chloride	120		113		67-130	6		30



# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

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: WG2016945-3 WG2016945-4								
Chloroethane	114		111		50-151	3		30
1,1-Dichloroethene	122		115		65-135	6		30
trans-1,2-Dichloroethene	116		114		70-130	2		30
Trichloroethene	120		116		70-130	3		30
1,2-Dichlorobenzene	101		98		70-130	3		30
1,3-Dichlorobenzene	103		101		70-130	2		30
1,4-Dichlorobenzene	102		100		70-130	2		30
Methyl tert butyl ether	111		106		66-130	5		30
p/m-Xylene	108		106		70-130	2		30
o-Xylene	107		106		70-130	1		30
cis-1,2-Dichloroethene	113		111		70-130	2		30
Styrene	108		106		70-130	2		30
Dichlorodifluoromethane	117		110		30-146	6		30
Acetone	120		111		54-140	8		30
Carbon disulfide	118		112		59-130	5		30
2-Butanone	113		104		70-130	8		30
4-Methyl-2-pentanone	103		98		70-130	5		30
2-Hexanone	104		97		70-130	7		30
Bromochloromethane	112		109		70-130	3		30
1,2-Dibromoethane	104		101		70-130	3		30
n-Butylbenzene	110		107		70-130	3		30
sec-Butylbenzene	108		106		70-130	2		30
tert-Butylbenzene	105		103		70-130	2		30

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG2016945-3 WG2016945-4								
1,2-Dibromo-3-chloropropane	97		94		68-130	3		30
Isopropylbenzene	106		103		70-130	3		30
p-Isopropyltoluene	109		107		70-130	2		30
n-Propylbenzene	108		106		70-130	2		30
1,2,3-Trichlorobenzene	102		99		70-130	3		30
1,2,4-Trichlorobenzene	105		102		70-130	3		30
1,3,5-Trimethylbenzene	106		105		70-130	1		30
1,2,4-Trimethylbenzene	106		103		70-130	3		30
Methyl Acetate	104		97		51-146	7		30
Cyclohexane	123		120		59-142	2		30
Freon-113	123		118		50-139	4		30
Methyl cyclohexane	124		122		70-130	2		30

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	100		97		70-130

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 52-54 CANAL ST, LYONS

**Project Number:** 037112

**Lab Number:** L2476274

**Report Date:** 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2016945-6 WG2016945-7 QC Sample: L2476274-01 Client ID: EB-01												
Methylene chloride	ND	107	72	67	Q	74	70		70-130	2		30
1,1-Dichloroethane	ND	107	85	79		86	81		70-130	1		30
Chloroform	ND	107	75	70		76	72		70-130	1		30
Carbon tetrachloride	ND	107	68	64	Q	69	65	Q	70-130	1		30
1,2-Dichloropropane	ND	107	74	69	Q	76	72		70-130	3		30
Dibromochloromethane	ND	107	61	57	Q	63	59	Q	70-130	2		30
1,1,2-Trichloroethane	ND	107	66	61	Q	67	64	Q	70-130	2		30
Tetrachloroethene	ND	107	34	32	Q	33	31	Q	70-130	4		30
Chlorobenzene	ND	107	37	34	Q	37	35	Q	70-130	1		30
Trichlorofluoromethane	ND	107	94	88		92	87		70-139	2		30
1,2-Dichloroethane	ND	107	76	71		76	72		70-130	1		30
1,1,1-Trichloroethane	ND	107	79	73		80	75		70-130	2		30
Bromodichloromethane	ND	107	71	66	Q	72	68	Q	70-130	1		30
trans-1,3-Dichloropropene	ND	107	53	50	Q	53	50	Q	70-130	1		30
cis-1,3-Dichloropropene	ND	107	63	59	Q	62	59	Q	70-130	2		30
Bromoform	ND	107	54	51	Q	58	55	Q	70-130	7		30
1,1,2,2-Tetrachloroethane	ND	107	52	49	Q	50	48	Q	70-130	4		30
Benzene	ND	107	73	68	Q	74	70		70-130	0		30
Toluene	ND	107	47	44	Q	47	44	Q	70-130	0		30
Ethylbenzene	ND	107	33	30	Q	32	31	Q	70-130	1		30
Chloromethane	ND	107	98	91		100	96		52-130	4		30
Bromomethane	ND	107	94	88		96	91		57-147	2		30
Vinyl chloride	ND	107	100	93		100	96		67-130	1		30

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2016945-6 WG2016945-7 QC Sample: L2476274-01 Client ID: EB-01												
Chloroethane	ND	107	98	91		98	92		50-151	0		30
1,1-Dichloroethene	ND	107	87	81		86	81		65-135	1		30
trans-1,2-Dichloroethene	ND	107	70	65	Q	71	67	Q	70-130	1		30
Trichloroethene	ND	107	58	54	Q	63	59	Q	70-130	8		30
1,2-Dichlorobenzene	ND	107	19	18	Q	21	20	Q	70-130	9		30
1,3-Dichlorobenzene	ND	107	18	17	Q	19	18	Q	70-130	5		30
1,4-Dichlorobenzene	ND	107	18	17	Q	19	18	Q	70-130	5		30
Methyl tert butyl ether	ND	107	87	81		89	84		66-130	2		30
p/m-Xylene	ND	215	63	29	Q	63	30	Q	70-130	0		30
o-Xylene	ND	215	66	31	Q	68	32	Q	70-130	4		30
cis-1,2-Dichloroethene	ND	107	70	65	Q	71	67	Q	70-130	1		30
Styrene	ND	215	65	30	Q	68	32	Q	70-130	4		30
Dichlorodifluoromethane	ND	107	100	97		110	101		30-146	3		30
Acetone	9.9J	107	97	91		99	94		54-140	2		30
Carbon disulfide	ND	107	65	60		67	63		59-130	3		30
2-Butanone	ND	107	87	81		90	85		70-130	2		30
4-Methyl-2-pentanone	ND	107	79	73		81	77		70-130	3		30
2-Hexanone	ND	107	69	64	Q	72	68	Q	70-130	5		30
Bromochloromethane	ND	107	76	71		76	72		70-130	0		30
1,2-Dibromoethane	ND	107	62	58	Q	61	58	Q	70-130	1		30
n-Butylbenzene	ND	107	9.8	9	Q	11	10	Q	70-130	10		30
sec-Butylbenzene	ND	107	13	12	Q	14	13	Q	70-130	7		30
tert-Butylbenzene	ND	107	16	15	Q	17	16	Q	70-130	6		30

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 52-54 CANAL ST, LYONS

**Project Number:** 037112

**Lab Number:** L2476274

**Report Date:** 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2016945-6 WG2016945-7 QC Sample: L2476274-01 Client ID: EB-01												
1,2-Dibromo-3-chloropropane	ND	107	47	44	Q	53	50	Q	68-130	12		30
Isopropylbenzene	ND	107	23	22	Q	24	22	Q	70-130	2		30
p-Isopropyltoluene	ND	107	13	12	Q	14	13	Q	70-130	8		30
n-Propylbenzene	ND	107	19	18	Q	19	18	Q	70-130	2		30
1,2,3-Trichlorobenzene	ND	107	8.4	8	Q	10	10	Q	70-130	18		30
1,2,4-Trichlorobenzene	ND	107	8.9	8	Q	10	10	Q	70-130	15		30
1,3,5-Trimethylbenzene	ND	107	18	17	Q	19	18	Q	70-130	5		30
1,2,4-Trimethylbenzene	ND	107	18	17	Q	19	18	Q	70-130	6		30
Methyl Acetate	ND	107	99	92		110	100		51-146	7		30
Cyclohexane	ND	107	49	46	Q	50	47	Q	59-142	1		30
Freon-113	ND	107	74	69		75	70		50-139	0		30
Methyl cyclohexane	ND	107	28	26	Q	30	28	Q	70-130	7		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		100		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	101		99		70-130
Toluene-d8	94		95		70-130

# SEMIVOLATILES

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01  
 Client ID: EB-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:00  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/04/25 11:41  
 Analyst: JG  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	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
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	58	J	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	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	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	39	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-01**Date Collected:** 12/27/24 14:00**Client ID:** EB-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	43	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	35	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	30	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	34	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	26	J	ug/kg	140	25.	1
Pyrene	52	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
Aniline	ND		ug/kg	210	84.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1





**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01

Date Collected: 12/27/24 14:00

Client ID: EB-01

Date Received: 12/27/24

Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	240	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	57		18-120

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02  
 Client ID: ESW-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:15  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/04/25 11:16  
 Analyst: JG  
 Percent Solids: 82%

Extraction Method: EPA 3546  
 Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	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
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	ND		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	220	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	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	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
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-02**Date Collected:** 12/27/24 14:15**Client ID:** ESW-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
Aniline	ND		ug/kg	240	94.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-02**Date Collected:** 12/27/24 14:15**Client ID:** ESW-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	54		18-120

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03  
 Client ID: ESW-02  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:30  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 02:26  
 Analyst: SMZ  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	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
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	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	220	31.	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	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	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-03**Date Collected:** 12/27/24 14:30**Client ID:** ESW-02**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	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	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
Aniline	ND		ug/kg	220	85.	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	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-03**Date Collected:** 12/27/24 14:30**Client ID:** ESW-02**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	240	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		25-120
Phenol-d6	36		10-120
Nitrobenzene-d5	27		23-120
2-Fluorobiphenyl	31		30-120
2,4,6-Tribromophenol	33		10-136
4-Terphenyl-d14	36		18-120

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**Method Blank Analysis**  
**Batch Quality Control**Analytical Method: 1,8270E  
Analytical Date: 01/02/25 08:00  
Analyst: LJGExtraction Method: EPA 3546  
Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2015218-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
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	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.





**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**Method Blank Analysis**  
**Batch Quality Control**Analytical Method: 1,8270E  
Analytical Date: 01/02/25 08:00  
Analyst: LJGExtraction Method: EPA 3546  
Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2015218-1					
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	21.
Aniline	ND		ug/kg	200	78.
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.
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.



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**Method Blank Analysis**  
**Batch Quality Control**Analytical Method: 1,8270E  
Analytical Date: 01/02/25 08:00  
Analyst: LJGExtraction Method: EPA 3546  
Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2015218-1					
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.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		25-120
Phenol-d6	40		10-120
Nitrobenzene-d5	40		23-120
2-Fluorobiphenyl	40		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	49		18-120

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Project Number:** 037112

**Lab Number:** L2476274

**Report Date:** 01/24/25

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: WG2015218-2 WG2015218-3								
Acenaphthene	62		59		31-137	5		50
Hexachlorobenzene	69		66		40-140	4		50
Bis(2-chloroethyl)ether	59		52		40-140	13		50
2-Chloronaphthalene	61		59		40-140	3		50
3,3'-Dichlorobenzidine	61		58		40-140	5		50
2,4-Dinitrotoluene	69		70		40-132	1		50
2,6-Dinitrotoluene	66		64		40-140	3		50
Fluoranthene	65		64		40-140	2		50
4-Chlorophenyl phenyl ether	60		58		40-140	3		50
4-Bromophenyl phenyl ether	61		60		40-140	2		50
Bis(2-chloroisopropyl)ether	65		59		40-140	10		50
Bis(2-chloroethoxy)methane	60		56		40-117	7		50
Hexachlorobutadiene	51		46		40-140	10		50
Hexachlorocyclopentadiene	49		43		40-140	13		50
Hexachloroethane	61		52		40-140	16		50
Isophorone	57		54		40-140	5		50
Naphthalene	60		55		40-140	9		50
Nitrobenzene	61		57		40-140	7		50
NDPA/DPA	64		64		36-157	0		50
n-Nitrosodi-n-propylamine	62		57		32-121	8		50
Bis(2-ethylhexyl)phthalate	81		78		40-140	4		50
Butyl benzyl phthalate	86		87		40-140	1		50
Di-n-butylphthalate	72		72		40-140	0		50

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Project Number:** 037112

**Lab Number:** L2476274

**Report Date:** 01/24/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2015218-2 WG2015218-3								
Di-n-octylphthalate	84		84		40-140	0		50
Diethyl phthalate	64		64		40-140	0		50
Dimethyl phthalate	61		60		40-140	2		50
Benzo(a)anthracene	62		60		40-140	3		50
Benzo(a)pyrene	74		73		40-140	1		50
Benzo(b)fluoranthene	69		68		40-140	1		50
Benzo(k)fluoranthene	73		73		40-140	0		50
Chrysene	63		61		40-140	3		50
Acenaphthylene	65		63		40-140	3		50
Anthracene	67		65		40-140	3		50
Benzo(ghi)perylene	70		69		40-140	1		50
Fluorene	63		61		40-140	3		50
Phenanthrene	65		63		40-140	3		50
Dibenzo(a,h)anthracene	69		67		40-140	3		50
Indeno(1,2,3-cd)pyrene	67		65		40-140	3		50
Pyrene	65		66		35-142	2		50
Biphenyl	61		59		37-127	3		50
Aniline	42		40		40-140	5		50
4-Chloroaniline	56		56		40-140	0		50
2-Nitroaniline	71		71		47-134	0		50
3-Nitroaniline	54		56		26-129	4		50
4-Nitroaniline	65		64		41-125	2		50
Dibenzofuran	62		61		40-140	2		50

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Project Number:** 037112

**Lab Number:** L2476274

**Report Date:** 01/24/25

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: WG2015218-2 WG2015218-3								
2-Methylnaphthalene	57		53		40-140	7		50
1,2,4,5-Tetrachlorobenzene	58		54		40-117	7		50
Acetophenone	61		57		14-144	7		50
2,4,6-Trichlorophenol	59		57		30-130	3		50
p-Chloro-m-cresol	63		61		26-103	3		50
2-Chlorophenol	65		58		25-102	11		50
2,4-Dichlorophenol	63		60		30-130	5		50
2,4-Dimethylphenol	66		64		30-130	3		50
2-Nitrophenol	70		66		30-130	6		50
4-Nitrophenol	78		81		11-114	4		50
2,4-Dinitrophenol	68		66		4-130	3		50
4,6-Dinitro-o-cresol	75		77		10-130	3		50
Pentachlorophenol	58		57		17-109	2		50
Phenol	58		53		26-90	9		50
2-Methylphenol	62		58		30-130	7		50
3-Methylphenol/4-Methylphenol	64		62		30-130	3		50
2,4,5-Trichlorophenol	64		64		30-130	0		50
Carbazole	68		66		54-128	3		50
Atrazine	64		64		40-140	0		50
Benzaldehyde	56		49		40-140	13		50
Caprolactam	80		78		15-130	3		50
2,3,4,6-Tetrachlorophenol	63		61		40-140	3		50
1,4-Dioxane	42		34	Q	40-140	21		50

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2015218-2 WG2015218-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	66		59		25-120
Phenol-d6	64		59		10-120
Nitrobenzene-d5	64		58		23-120
2-Fluorobiphenyl	61		58		30-120
2,4,6-Tribromophenol	76		74		10-136
4-Terphenyl-d14	69		68		18-120

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 52-54 CANAL ST, LYONS

**Project Number:** 037112

**Lab Number:** L2476274

**Report Date:** 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: EB-01												
Associated sample(s): 01-03    QC Batch ID: WG2015218-4    WG2015218-5    QC Sample: L2476274-01												
Acenaphthene	ND	1450	870	60		880	61		31-137	1		50
Hexachlorobenzene	ND	1450	840	58		860	59		40-140	2		50
Bis(2-chloroethyl)ether	ND	1450	940	65		980	68		40-140	4		50
2-Chloronaphthalene	ND	1450	930	64		920	64		40-140	1		50
3,3'-Dichlorobenzidine	ND	1450	190	13	Q	130J	9	Q	40-140	38		50
2,4-Dinitrotoluene	ND	1450	790	55		830	57		40-132	5		50
2,6-Dinitrotoluene	ND	1450	890	61		890	61		40-140	0		50
Fluoranthene	58J	1450	1000	69		970	67		40-140	3		50
4-Chlorophenyl phenyl ether	ND	1450	900	62		930	64		40-140	3		50
4-Bromophenyl phenyl ether	ND	1450	870	60		870	60		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1450	1100	76		1200	83		40-140	9		50
Bis(2-chloroethoxy)methane	ND	1450	990	68		970	67		40-117	2		50
Hexachlorobutadiene	ND	1450	950	66		970	67		40-140	2		50
Hexachlorocyclopentadiene	ND	1450	810	56		1000	69		40-140	21		50
Hexachloroethane	ND	1450	880	61		920	64		40-140	4		50
Isophorone	ND	1450	960	66		940	65		40-140	2		50
Naphthalene	ND	1450	920	64		940	65		40-140	2		50
Nitrobenzene	ND	1450	970	67		970	67		40-140	0		50
NDPA/DPA	ND	1450	870	60		890	61		36-157	2		50
n-Nitrosodi-n-propylamine	ND	1450	960	66		950	66		32-121	1		50
Bis(2-ethylhexyl)phthalate	ND	1450	960	66		990	68		40-140	3		50
Butyl benzyl phthalate	ND	1450	940	65		950	66		40-140	1		50
Di-n-butylphthalate	ND	1450	910	63		930	64		40-140	2		50

# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: EB-01												
Associated sample(s): 01-03    QC Batch ID: WG2015218-4    WG2015218-5    QC Sample: L2476274-01												
Di-n-octylphthalate	ND	1450	970	67		1000	69		40-140	3		50
Diethyl phthalate	ND	1450	870	60		890	61		40-140	2		50
Dimethyl phthalate	ND	1450	940	65		910	63		40-140	3		50
Benzo(a)anthracene	39J	1450	910	63		900	62		40-140	1		50
Benzo(a)pyrene	ND	1450	850	59		870	60		40-140	2		50
Benzo(b)fluoranthene	43J	1450	890	61		880	61		40-140	1		50
Benzo(k)fluoranthene	ND	1450	810	56		840	58		40-140	4		50
Chrysene	35J	1450	910	63		910	63		40-140	0		50
Acenaphthylene	ND	1450	1000	69		980	68		40-140	2		50
Anthracene	ND	1450	880	61		890	61		40-140	1		50
Benzo(ghi)perylene	30J	1450	920	64		970	67		40-140	5		50
Fluorene	ND	1450	890	61		900	62		40-140	1		50
Phenanthrene	34J	1450	940	65		910	63		40-140	3		50
Dibenzo(a,h)anthracene	ND	1450	870	60		930	64		40-140	7		50
Indeno(1,2,3-cd)pyrene	26J	1450	880	61		920	64		40-140	4		50
Pyrene	52J	1450	1000	69		970	67		35-142	3		50
Biphenyl	ND	1450	950	66		940	65		37-127	1		50
Aniline	ND	1450	730	50		670	46		40-140	9		50
4-Chloroaniline	ND	1450	700	48		680	47		40-140	3		50
2-Nitroaniline	ND	1450	1100	76		1000	69		47-134	10		50
3-Nitroaniline	ND	1450	740	51		640	44		26-129	14		50
4-Nitroaniline	ND	1450	790	55		750	52		41-125	5		50
Dibenzofuran	ND	1450	870	60		880	61		40-140	1		50



# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2015218-4 WG2015218-5 QC Sample: L2476274-01 Client ID: EB-01												
2-Methylnaphthalene	ND	1450	850	59		840	58		40-140	1		50
1,2,4,5-Tetrachlorobenzene	ND	1450	1000	69		1000	69		40-117	0		50
Acetophenone	ND	1450	1000	69		1000	69		14-144	0		50
2,4,6-Trichlorophenol	ND	1450	990	68		970	67		30-130	2		50
p-Chloro-m-cresol	ND	1450	1000	69		1000	69		26-103	0		50
2-Chlorophenol	ND	1450	950	66		960	66		25-102	1		50
2,4-Dichlorophenol	ND	1450	1000	69		970	67		30-130	3		50
2,4-Dimethylphenol	ND	1450	1000	69		1000	69		30-130	0		50
2-Nitrophenol	ND	1450	800	55		910	63		30-130	13		50
4-Nitrophenol	ND	1450	1000	69		1000	69		11-114	0		50
2,4-Dinitrophenol	ND	1450	ND	0	Q	ND	0	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1450	97J	7	Q	210J	15		10-130	74	Q	50
Pentachlorophenol	ND	1450	910	63		850	59		17-109	7		50
Phenol	ND	1450	1000	69		1000	69		26-90	0		50
2-Methylphenol	ND	1450	980	68		970	67		30-130	1		50
3-Methylphenol/4-Methylphenol	ND	1450	990	68		980	68		30-130	1		50
2,4,5-Trichlorophenol	ND	1450	1000	69		1000	69		30-130	0		50
Carbazole	ND	1450	880	61		880	61		54-128	0		50
Atrazine	ND	1450	1000	69		1000	69		40-140	0		50
Benzaldehyde	ND	1450	1000	69		980	68		40-140	2		50
Caprolactam	ND	1450	1300	90		1300	90		15-130	0		50
2,3,4,6-Tetrachlorophenol	ND	1450	950	66		940	65		40-140	1		50
1,4-Dioxane	ND	1450	670	46		760	53		40-140	13		50

# **Matrix Spike Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2015218-4 WG2015218-5 QC Sample: L2476274-01  
Client ID: EB-01

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
2,4,6-Tribromophenol	58		61		10-136
2-Fluorobiphenyl	65		64		30-120
2-Fluorophenol	73		74		25-120
4-Terphenyl-d14	61		62		18-120
Nitrobenzene-d5	68		69		23-120
Phenol-d6	72		71		10-120

# PCBS

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01  
 Client ID: EB-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:00  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 01:06  
 Analyst: MEO  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 08:00  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/02/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.56	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.92	1	A
Aroclor 1248	ND		ug/kg	51.3	7.70	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.48	1	A
Aroclor 1262	ND		ug/kg	51.3	6.52	1	A
Aroclor 1268	ND		ug/kg	51.3	5.32	1	A
PCBs, Total	ND		ug/kg	51.3	4.56	1	A

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

**Project Name:** 52-54 CANAL ST, LYONS**Project Number:** 037112**Lab Number:** L2476274**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02  
 Client ID: ESW-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:15  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 01:28  
 Analyst: MEO  
 Percent Solids: 82%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 08:00  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/02/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.69	1	A
Aroclor 1248	ND		ug/kg	57.1	8.56	1	A
Aroclor 1254	ND		ug/kg	57.1	6.24	1	A
Aroclor 1260	ND		ug/kg	57.1	10.5	1	A
Aroclor 1262	ND		ug/kg	57.1	7.25	1	A
Aroclor 1268	ND		ug/kg	57.1	5.91	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	60		30-150	B

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03  
 Client ID: ESW-02  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:30  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 01:36  
 Analyst: MEO  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 08:00  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/02/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.48	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.81	1	A
Aroclor 1248	ND		ug/kg	50.5	7.58	1	A
Aroclor 1254	ND		ug/kg	50.5	5.52	1	A
Aroclor 1260	ND		ug/kg	50.5	9.33	1	A
Aroclor 1262	ND		ug/kg	50.5	6.41	1	A
Aroclor 1268	ND		ug/kg	50.5	5.23	1	A
PCBs, Total	ND		ug/kg	50.5	4.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	60		30-150	B

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

**Method Blank Analysis**  
**Batch Quality Control**

**Analytical Method:** 1,8082A  
**Analytical Date:** 01/03/25 00:43  
**Analyst:** MEO

**Extraction Method:** EPA 3546  
**Extraction Date:** 01/02/25 08:00  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 01/02/25  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG2015555-1						
Aroclor 1016	ND		ug/kg	49.7	4.41	A
Aroclor 1221	ND		ug/kg	49.7	4.98	A
Aroclor 1232	ND		ug/kg	49.7	10.5	A
Aroclor 1242	ND		ug/kg	49.7	6.70	A
Aroclor 1248	ND		ug/kg	49.7	7.46	A
Aroclor 1254	ND		ug/kg	49.7	5.44	A
Aroclor 1260	ND		ug/kg	49.7	9.18	A
Aroclor 1262	ND		ug/kg	49.7	6.31	A
Aroclor 1268	ND		ug/kg	49.7	5.15	A
PCBs, Total	ND		ug/kg	49.7	4.41	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	65		30-150	B



# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST, LYONS

**Lab Number:** L2476274

**Project Number:** 037112

**Report Date:** 01/24/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>	<b>Column</b>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG2015555-2 WG2015555-3									
Aroclor 1016	65		67		40-140	3		50	A
Aroclor 1260	66		67		40-140	2		50	A

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>	<b>Column</b>
2,4,5,6-Tetrachloro-m-xylene	64		66		30-150	A
Decachlorobiphenyl	68		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		62		30-150	B
Decachlorobiphenyl	63		63		30-150	B



# Matrix Spike Analysis

## Batch Quality Control

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Client ID: EB-01													
Associated sample(s): 01-03    QC Batch ID: WG2015555-4    WG2015555-5    QC Sample: L2476274-01													
Aroclor 1016	ND	318	166	52		164	49		40-140	1		50	A
Aroclor 1260	ND	318	156	49		154	46		40-140	1		50	A

Surrogate	MS		MSD		Acceptance Criteria	Column
	% Recovery	Qualifier	% Recovery	Qualifier		
2,4,5,6-Tetrachloro-m-xylene	55		52		30-150	A
Decachlorobiphenyl	55		56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		51		30-150	B
Decachlorobiphenyl	56		56		30-150	B

# **INORGANICS & MISCELLANEOUS**

**Project Name:** 52-54 CANAL ST, LYONS**Project Number:** 037112**Lab Number:** L2476274**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-01**Client ID:** EB-01**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Date Collected:** 12/27/24 14:00**Date Received:** 12/27/24**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	12/28/24 11:01	121,2540G	ROI



**Project Name:** 52-54 CANAL ST, LYONS**Project Number:** 037112**Lab Number:** L2476274**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-02**Client ID:** ESW-01**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Date Collected:** 12/27/24 14:15**Date Received:** 12/27/24**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	12/28/24 11:01	121,2540G	ROI



**Project Name:** 52-54 CANAL ST, LYONS**Project Number:** 037112**Lab Number:** L2476274**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-03**Client ID:** ESW-02**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Date Collected:** 12/27/24 14:30**Date Received:** 12/27/24**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	12/28/24 11:01	121,2540G	ROI



**Lab Duplicate Analysis**  
*Batch Quality Control***Project Name:** 52-54 CANAL ST, LYONS**Project Number:** 037112**Lab Number:** L2476274**Report Date:** 01/24/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG2014351-1 QC Sample: L2476274-01 Client ID: EB-01						
Solids, Total	90.8	92.2	%	2		20

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

**Cooler Information**

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2476274-01A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2476274-01A1	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2476274-01A2	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2476274-01B	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-01B1	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-01B2	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-01C	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-01C1	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-01C2	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-01D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2476274-01D1	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2476274-01D2	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2476274-01E	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476274-01E1	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476274-01E2	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476274-02A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2476274-02B	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-02C	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-02D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2476274-02E	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476274-03A	Vial MeOH preserved	A	NA		2.5	Y	Absent		NYTCL-8260HLW-R2(14)
L2476274-03B	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)
L2476274-03C	Vial water preserved	A	NA		2.5	Y	Absent	28-DEC-24 04:55	NYTCL-8260HLW-R2(14)

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

Serial\_No:01242518:27  
**Lab Number:** L2476274  
**Report Date:** 01/24/25

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2476274-03D	Plastic 120ml unpreserved	A	NA		2.5	Y	Absent		TS(7)
L2476274-03E	Glass 250ml/8oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25

## 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:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**Footnotes**

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

**Terms**

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

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

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

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

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

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

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

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

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

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

**Data Qualifiers**

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

Report Format: DU Report with 'J' Qualifiers



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**Data Qualifiers**

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

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

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

## 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

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.



**Pace Analytical Services LLC**Facility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **27**Published Date: **01/24/2025**Page **1** of **2****Certification Information****The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

**MADEP-APH.****Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

**Nonpotable Water:** EPA RSK-175 Dissolved Gases**The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)****The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****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**

**Pace Analytical Services LLC**ID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

**Title: Certificate/Approval Program Summary**

Page 2 of 2

**Certification IDs:****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048**

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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



[illegible]



## ANALYTICAL REPORT

Lab Number:	L2476426
Client:	Montrose Environmental 100 S. Clinton Ave Suite 2330 Rochester, NY 14604
ATTN:	Katie Nelson
Phone:	(716) 329-0672
Project Name:	52-54 CANAL ST LYONS
Project Number:	037112
Report Date:	01/27/25

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

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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





**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2476426-01	EB-02	SOIL	52-54 CANAL ST, LYONS, NEW YORK	12/30/24 10:20	12/30/24
L2476426-02	FD-01	SOIL	52-54 CANAL ST, LYONS, NEW YORK	12/30/24 11:11	12/30/24
L2476426-03	ESW-03	SOIL	52-54 CANAL ST, LYONS, NEW YORK	12/30/24 10:30	12/30/24
L2476426-04	ESW-04	SOIL	52-54 CANAL ST, LYONS, NEW YORK	12/30/24 10:35	12/30/24
L2476426-05	EQUIPMENT BLANK	WATER	52-54 CANAL ST, LYONS, NEW YORK	12/30/24 08:30	12/30/24

**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

### 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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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.

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**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

### Case Narrative (continued)

#### Report Revision

January 27, 2025: At the client's request, the Volatile Organics and Semivolatile Organics reporting lists have been changed.

#### Report Submission

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

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: 01/27/25

# ORGANICS

# VOLATILES

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01  
 Client ID: EB-02  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:20  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 21:32  
 Analyst: JIC  
 Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		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	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	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	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-01**Date Collected:** 12/30/24 10:20**Client ID:** EB-02**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	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	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01

Date Collected: 12/30/24 10:20

Client ID: EB-02

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

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	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	114		70-130



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02  
 Client ID: FD-01  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 11:11  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 21:06  
 Analyst: JIC  
 Percent Solids: 96%

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	ND		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	ND		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
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	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-02**Date Collected:** 12/30/24 11:11**Client ID:** FD-01**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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
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
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
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
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02

Date Collected: 12/30/24 11:11

Client ID: FD-01

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

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	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	114		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03  
 Client ID: ESW-03  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 20:40  
 Analyst: JIC  
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		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	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-03**Date Collected:** 12/30/24 10:30**Client ID:** ESW-03**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03

Date Collected: 12/30/24 10:30

Client ID: ESW-03

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

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	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04  
 Client ID: ESW-04  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:35  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 20:14  
 Analyst: JIC  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		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	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-04**Date Collected:** 12/30/24 10:35**Client ID:** ESW-04**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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	0.61	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	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.77	J	ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	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	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04

Date Collected: 12/30/24 10:35

Client ID: ESW-04

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

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	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 12/31/24 13:35

Analyst: RAW

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	0.17	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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-05**Date Collected:** 12/30/24 08:30**Client ID:** EQUIPMENT BLANK**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	112		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 12/31/24 09:08  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2015394-5					
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
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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70



Project Name: 52-54 CANAL ST LYONS

Lab Number: L2476426

Project Number: 037112

Report Date: 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 12/31/24 09:08  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2015394-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
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
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	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
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 12/31/24 09:08  
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2015394-5					
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	113		70-130

Project Name: 52-54 CANAL ST LYONS

Lab Number: L2476426

Project Number: 037112

Report Date: 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 17:38  
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG2016848-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.30	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
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
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15





Project Name: 52-54 CANAL ST LYONS

Lab Number: L2476426

Project Number: 037112

Report Date: 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 17:38  
 Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG2016848-5					
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
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
Freon-113	ND		ug/kg	4.0	0.69



**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8260D  
Analytical Date: 01/05/25 17:38  
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04 Batch: WG2016848-5					
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Project Number:** 037112

**Lab Number:** L2476426

**Report Date:** 01/27/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2015394-3 WG2015394-4								
Methylene chloride	95		95		70-130	0		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	94		97		63-132	3		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	95		93		63-130	2		20
1,1,2-Trichloroethane	94		92		70-130	2		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	97		97		67-130	0		20
Bromodichloromethane	97		97		67-130	0		20
trans-1,3-Dichloropropene	97		96		70-130	1		20
cis-1,3-Dichloropropene	98		98		70-130	0		20
Bromoform	88		88		54-136	0		20
1,1,2,2-Tetrachloroethane	82		82		67-130	0		20
Benzene	100		99		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	91		93		64-130	2		20
Bromomethane	140	Q	140	Q	39-139	0		20
Vinyl chloride	100		100		55-140	0		20

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Project Number:** 037112

**Lab Number:** L2476426

**Report Date:** 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2015394-3 WG2015394-4								
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	98		95		61-145	3		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	92		91		70-130	1		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	97		98		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	98		98		36-147	0		20
Acetone	76		86		58-148	12		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	87		82		63-138	6		20
4-Methyl-2-pentanone	88		86		59-130	2		20
2-Hexanone	86		86		57-130	0		20
Bromochloromethane	97		93		70-130	4		20
1,2-Dibromoethane	95		96		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	97		96		70-130	1		20
tert-Butylbenzene	94		94		70-130	0		20

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2015394-3 WG2015394-4								
1,2-Dibromo-3-chloropropane	80		79		41-144	1		20
Isopropylbenzene	95		94		70-130	1		20
p-Isopropyltoluene	98		98		70-130	0		20
n-Propylbenzene	92		92		69-130	0		20
1,2,3-Trichlorobenzene	90		94		70-130	4		20
1,2,4-Trichlorobenzene	95		98		70-130	3		20
1,3,5-Trimethylbenzene	90		89		64-130	1		20
1,2,4-Trimethylbenzene	95		95		70-130	0		20
Methyl Acetate	87		85		70-130	2		20
Cyclohexane	94		95		70-130	1		20
1,4-Dioxane	98		92		56-162	6		20
Freon-113	100		98		70-130	2		20
Methyl cyclohexane	92		92		70-130	0		20

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	111		112		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	91		90		70-130
Dibromofluoromethane	109		107		70-130

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG2016848-3 WG2016848-4								
Methylene chloride	90		85		70-130	6		30
1,1-Dichloroethane	102		96		70-130	6		30
Chloroform	98		94		70-130	4		30
Carbon tetrachloride	115		111		70-130	4		30
1,2-Dichloropropane	97		93		70-130	4		30
Dibromochloromethane	104		101		70-130	3		30
1,1,2-Trichloroethane	93		90		70-130	3		30
Tetrachloroethene	105		100		70-130	5		30
Chlorobenzene	98		94		70-130	4		30
Trichlorofluoromethane	122		113		70-139	8		30
1,2-Dichloroethane	97		94		70-130	3		30
1,1,1-Trichloroethane	106		102		70-130	4		30
Bromodichloromethane	97		93		70-130	4		30
trans-1,3-Dichloropropene	96		91		70-130	5		30
cis-1,3-Dichloropropene	100		96		70-130	4		30
Bromoform	100		97		70-130	3		30
1,1,2,2-Tetrachloroethane	91		86		70-130	6		30
Benzene	94		90		70-130	4		30
Toluene	95		89		70-130	7		30
Ethylbenzene	95		90		70-130	5		30
Chloromethane	132	Q	120		52-130	10		30
Bromomethane	124		114		57-147	8		30
Vinyl chloride	110		101		67-130	9		30

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG2016848-3 WG2016848-4								
Chloroethane	108		98		50-151	10		30
1,1-Dichloroethene	109		102		65-135	7		30
trans-1,2-Dichloroethene	103		99		70-130	4		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	101		96		70-130	5		30
1,3-Dichlorobenzene	103		97		70-130	6		30
1,4-Dichlorobenzene	101		95		70-130	6		30
Methyl tert butyl ether	107		103		66-130	4		30
p/m-Xylene	99		95		70-130	4		30
o-Xylene	96		92		70-130	4		30
cis-1,2-Dichloroethene	101		95		70-130	6		30
Styrene	96		92		70-130	4		30
Dichlorodifluoromethane	116		106		30-146	9		30
Acetone	164	Q	153	Q	54-140	7		30
Carbon disulfide	106		100		59-130	6		30
2-Butanone	120		106		70-130	12		30
4-Methyl-2-pentanone	95		92		70-130	3		30
2-Hexanone	102		94		70-130	8		30
Bromochloromethane	105		100		70-130	5		30
1,2-Dibromoethane	100		97		70-130	3		30
n-Butylbenzene	105		98		70-130	7		30
sec-Butylbenzene	102		96		70-130	6		30
tert-Butylbenzene	105		97		70-130	8		30

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04 Batch: WG2016848-3 WG2016848-4								
1,2-Dibromo-3-chloropropane	86		85		68-130	1		30
Isopropylbenzene	100		94		70-130	6		30
p-Isopropyltoluene	108		100		70-130	8		30
n-Propylbenzene	100		92		70-130	8		30
1,2,3-Trichlorobenzene	104		97		70-130	7		30
1,2,4-Trichlorobenzene	105		100		70-130	5		30
1,3,5-Trimethylbenzene	99		92		70-130	7		30
1,2,4-Trimethylbenzene	99		93		70-130	6		30
Methyl Acetate	118		112		51-146	5		30
Cyclohexane	120		112		59-142	7		30
Freon-113	117		110		50-139	6		30
Methyl cyclohexane	108		102		70-130	6		30

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	113		94		70-130
Dibromofluoromethane	106		106		70-130



# SEMIVOLATILES

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01  
 Client ID: EB-02  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:20  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 12:10  
 Analyst: EK  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01

Date Collected: 12/30/24 10:20

Client ID: EB-02

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	22.	1
Aniline	ND		ug/kg	200	79.	1
4-Chloroaniline	ND		ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	240	68.	1
2,4-Dinitrophenol	ND		ug/kg	810	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	130	59.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01

Date Collected: 12/30/24 10:20

Client ID: EB-02

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	220	45.	1
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1
1,4-Dioxane	ND		ug/kg	25	7.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	66		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02  
 Client ID: FD-01  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 11:11  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 12:28  
 Analyst: EK  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-02**Date Collected:** 12/30/24 11:11**Client ID:** FD-01**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	22.	1
Aniline	ND		ug/kg	200	80.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	59.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-02**Date Collected:** 12/30/24 11:11**Client ID:** FD-01**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	220	46.	1
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	74		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03  
 Client ID: ESW-03  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 12:46  
 Analyst: EK  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1





**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03

Date Collected: 12/30/24 10:30

Client ID: ESW-03

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
Aniline	ND		ug/kg	200	80.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	60.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03

Date Collected: 12/30/24 10:30

Client ID: ESW-03

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	220	46.	1
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	85		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04  
 Client ID: ESW-04  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:35  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 13:04  
 Analyst: EK  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	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
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	130		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	34	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	72	J	ug/kg	110	20.	1
Benzo(a)pyrene	75	J	ug/kg	140	44.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-04**Date Collected:** 12/30/24 10:35**Client ID:** ESW-04**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	95	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	38	J	ug/kg	110	29.	1
Chrysene	87	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	50	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	95	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	39	J	ug/kg	140	25.	1
Pyrene	110		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
Aniline	ND		ug/kg	220	85.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	38	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-04**Date Collected:** 12/30/24 10:35**Client ID:** ESW-04**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	80		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/04/25 09:57  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
Aniline	ND		ug/l	2.0	0.67	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	67		41-149



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/04/25 14:48  
 Analyst: JJW

Extraction Method: EPA 3510C  
 Extraction Date: 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.11		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.12		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.11		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-05**Date Collected:** 12/30/24 08:30**Client ID:** EQUIPMENT BLANK**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	71		41-149

Project Name: 52-54 CANAL ST LYONS

Project Number: 037112

Lab Number: L2476426

Report Date: 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E  
 Analytical Date: 01/02/25 19:37  
 Analyst: LJG

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2015449-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
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	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E  
 Analytical Date: 01/02/25 19:37  
 Analyst: LJG

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2015449-1					
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	21.
Aniline	ND		ug/kg	200	78.
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.
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.



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E  
 Analytical Date: 01/02/25 19:37  
 Analyst: LJG

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 00:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG2015449-1					
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.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	50		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	58		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**Method Blank Analysis**  
**Batch Quality Control**Analytical Method: 1,8270E  
Analytical Date: 01/04/25 07:20  
Analyst: EKExtraction Method: EPA 3510C  
Extraction Date: 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2016003-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
Aniline	ND		ug/l	2.0	0.67
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1



**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8270E  
**Analytical Date:** 01/04/25 07:20  
**Analyst:** EK

**Extraction Method:** EPA 3510C  
**Extraction Date:** 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2016003-1					
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	67		41-149

Project Name: 52-54 CANAL ST LYONS

Project Number: 037112

Lab Number: L2476426

Report Date: 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/04/25 08:02  
 Analyst: JJW

Extraction Method: EPA 3510C  
 Extraction Date: 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG2016004-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02



**Project Name:** 52-54 CANAL ST LYONS**Project Number:** 037112**Lab Number:** L2476426**Report Date:** 01/27/25**Method Blank Analysis**  
**Batch Quality Control**

Analytical Method: 1,8270E-SIM  
Analytical Date: 01/04/25 08:02  
Analyst: JJW

Extraction Method: EPA 3510C  
Extraction Date: 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05 Batch: WG2016004-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	76		41-149



# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Project Number:** 037112

**Lab Number:** L2476426

**Report Date:** 01/27/25

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: WG2015449-2 WG2015449-3								
Acenaphthene	53		54		31-137	2		50
Hexachlorobenzene	52		50		40-140	4		50
Bis(2-chloroethyl)ether	53		56		40-140	6		50
2-Chloronaphthalene	53		54		40-140	2		50
3,3'-Dichlorobenzidine	40		36	Q	40-140	11		50
2,4-Dinitrotoluene	58		56		40-132	4		50
2,6-Dinitrotoluene	57		58		40-140	2		50
Fluoranthene	55		53		40-140	4		50
4-Chlorophenyl phenyl ether	52		52		40-140	0		50
4-Bromophenyl phenyl ether	52		51		40-140	2		50
Bis(2-chloroisopropyl)ether	50		55		40-140	10		50
Bis(2-chloroethoxy)methane	59		63		40-117	7		50
Hexachlorobutadiene	45		45		40-140	0		50
Hexachlorocyclopentadiene	46		49		40-140	6		50
Hexachloroethane	54		58		40-140	7		50
Isophorone	50		54		40-140	8		50
Naphthalene	54		55		40-140	2		50
Nitrobenzene	48		51		40-140	6		50
NDPA/DPA	55		54		36-157	2		50
n-Nitrosodi-n-propylamine	47		51		32-121	8		50
Bis(2-ethylhexyl)phthalate	70		64		40-140	9		50
Butyl benzyl phthalate	66		62		40-140	6		50
Di-n-butylphthalate	66		62		40-140	6		50

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Project Number:** 037112

**Lab Number:** L2476426

**Report Date:** 01/27/25

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: WG2015449-2 WG2015449-3								
Di-n-octylphthalate	69		65		40-140	6		50
Diethyl phthalate	56		54		40-140	4		50
Dimethyl phthalate	52		55		40-140	6		50
Benzo(a)anthracene	54		51		40-140	6		50
Benzo(a)pyrene	59		56		40-140	5		50
Benzo(b)fluoranthene	55		52		40-140	6		50
Benzo(k)fluoranthene	56		54		40-140	4		50
Chrysene	55		51		40-140	8		50
Acenaphthylene	60		61		40-140	2		50
Anthracene	57		56		40-140	2		50
Benzo(ghi)perylene	58		53		40-140	9		50
Fluorene	56		55		40-140	2		50
Phenanthrene	55		54		40-140	2		50
Dibenzo(a,h)anthracene	55		50		40-140	10		50
Indeno(1,2,3-cd)pyrene	56		51		40-140	9		50
Pyrene	54		51		35-142	6		50
Biphenyl	55		55		37-127	0		50
Aniline	31	Q	35	Q	40-140	12		50
4-Chloroaniline	22	Q	22	Q	40-140	0		50
2-Nitroaniline	64		67		47-134	5		50
3-Nitroaniline	42		40		26-129	5		50
4-Nitroaniline	57		56		41-125	2		50
Dibenzofuran	53		52		40-140	2		50

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

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: WG2015449-2 WG2015449-3								
2-Methylnaphthalene	49		52		40-140	6		50
1,2,4,5-Tetrachlorobenzene	49		52		40-117	6		50
Acetophenone	59		65		14-144	10		50
2,4,6-Trichlorophenol	49		50		30-130	2		50
p-Chloro-m-cresol	56		58		26-103	4		50
2-Chlorophenol	59		64		25-102	8		50
2,4-Dichlorophenol	57		61		30-130	7		50
2,4-Dimethylphenol	65		69		30-130	6		50
2-Nitrophenol	61		66		30-130	8		50
4-Nitrophenol	52		52		11-114	0		50
2,4-Dinitrophenol	40		41		4-130	2		50
4,6-Dinitro-o-cresol	46		46		10-130	0		50
Pentachlorophenol	41		41		17-109	0		50
Phenol	52		59		26-90	13		50
2-Methylphenol	60		64		30-130	6		50
3-Methylphenol/4-Methylphenol	58		64		30-130	10		50
2,4,5-Trichlorophenol	54		55		30-130	2		50
Carbazole	59		57		54-128	3		50
Atrazine	53		53		40-140	0		50
Benzaldehyde	64		68		40-140	6		50
Caprolactam	58		57		15-130	2		50
2,3,4,6-Tetrachlorophenol	51		52		40-140	2		50
1,4-Dioxane	42		45		40-140	7		50

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG2015449-2 WG2015449-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	61		64		25-120
Phenol-d6	59		66		10-120
Nitrobenzene-d5	50		54		23-120
2-Fluorobiphenyl	50		53		30-120
2,4,6-Tribromophenol	54		53		10-136
4-Terphenyl-d14	56		52		18-120

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Project Number:** 037112

**Lab Number:** L2476426

**Report Date:** 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2016003-2 WG2016003-3								
Bis(2-chloroethyl)ether	64		67		40-140	5		30
3,3'-Dichlorobenzidine	85		60		40-140	34	Q	30
2,4-Dinitrotoluene	75		83		48-143	10		30
2,6-Dinitrotoluene	78		85		40-140	9		30
4-Chlorophenyl phenyl ether	64		69		40-140	8		30
4-Bromophenyl phenyl ether	71		77		40-140	8		30
Bis(2-chloroisopropyl)ether	54		59		40-140	9		30
Bis(2-chloroethoxy)methane	68		67		40-140	1		30
Hexachlorocyclopentadiene	31	Q	35	Q	40-140	12		30
Isophorone	70		72		40-140	3		30
Nitrobenzene	67		72		40-140	7		30
NDPA/DPA	66		66		40-140	0		30
n-Nitrosodi-n-propylamine	70		74		29-132	6		30
Bis(2-ethylhexyl)phthalate	80		83		40-140	4		30
Butyl benzyl phthalate	88		91		40-140	3		30
Di-n-butylphthalate	75		88		40-140	16		30
Di-n-octylphthalate	82		86		40-140	5		30
Diethyl phthalate	73		79		40-140	8		30
Dimethyl phthalate	75		79		40-140	5		30
Biphenyl	78		83		40-140	6		30
Aniline	19	Q	10	Q	40-140	63	Q	30
4-Chloroaniline	50		47		40-140	6		30
2-Nitroaniline	80		86		52-143	7		30

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2016003-2 WG2016003-3								
3-Nitroaniline	80		80		25-145	0		30
4-Nitroaniline	87		97		51-143	11		30
Dibenzofuran	67		71		40-140	6		30
1,2,4,5-Tetrachlorobenzene	70		74		2-134	6		30
Acetophenone	88		90		39-129	2		30
2,4,6-Trichlorophenol	78		80		30-130	3		30
p-Chloro-m-cresol	82		85		23-97	4		30
2-Chlorophenol	73		74		27-123	1		30
2,4-Dichlorophenol	76		76		30-130	0		30
2,4-Dimethylphenol	54		47		30-130	14		30
2-Nitrophenol	75		82		30-130	9		30
4-Nitrophenol	64		74		10-80	14		30
2,4-Dinitrophenol	44		54		20-130	20		30
4,6-Dinitro-o-cresol	67		79		20-164	16		30
Phenol	45		44		12-110	2		30
2-Methylphenol	68		65		30-130	5		30
3-Methylphenol/4-Methylphenol	65		70		30-130	7		30
2,4,5-Trichlorophenol	80		88		30-130	10		30
Carbazole	76		80		55-144	5		30
Atrazine	106		116		40-140	9		30
Benzaldehyde	90		93		40-140	3		30
Caprolactam	36		36		10-130	0		30
2,3,4,6-Tetrachlorophenol	83		86		40-140	4		30

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2016003-2 WG2016003-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	54		55		21-120
Phenol-d6	40		42		10-120
Nitrobenzene-d5	69		69		23-120
2-Fluorobiphenyl	61		63		15-120
2,4,6-Tribromophenol	97		90		10-120
4-Terphenyl-d14	70		72		41-149

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Project Number:** 037112

**Lab Number:** L2476426

**Report Date:** 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG2016004-2 WG2016004-3								
Acenaphthene	70		72		40-140	3		40
2-Chloronaphthalene	64		70		40-140	9		40
Fluoranthene	74		78		40-140	5		40
Hexachlorobutadiene	55		62		40-140	12		40
Naphthalene	59		64		40-140	8		40
Benzo(a)anthracene	80		85		40-140	6		40
Benzo(a)pyrene	82		84		40-140	2		40
Benzo(b)fluoranthene	82		86		40-140	5		40
Benzo(k)fluoranthene	80		85		40-140	6		40
Chrysene	76		80		40-140	5		40
Acenaphthylene	66		70		40-140	6		40
Anthracene	75		78		40-140	4		40
Benzo(ghi)perylene	89		93		40-140	4		40
Fluorene	74		79		40-140	7		40
Phenanthrene	74		78		40-140	5		40
Dibenzo(a,h)anthracene	93		98		40-140	5		40
Indeno(1,2,3-cd)pyrene	91		96		40-140	5		40
Pyrene	74		78		40-140	5		40
2-Methylnaphthalene	63		69		40-140	9		40
Pentachlorophenol	92		100		40-140	8		40
Hexachlorobenzene	76		81		40-140	6		40
Hexachloroethane	53		60		40-140	12		40



# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05 Batch: WG2016004-2 WG2016004-3

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>
2-Fluorophenol	55		56		21-120
Phenol-d6	42		43		10-120
Nitrobenzene-d5	68		71		23-120
2-Fluorobiphenyl	62		64		15-120
2,4,6-Tribromophenol	93		94		10-120
4-Terphenyl-d14	75		78		41-149

# PCBS

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01  
 Client ID: EB-02  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:20  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 10:44  
 Analyst: MEO  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.49	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.81	1	A
Aroclor 1248	ND		ug/kg	50.5	7.58	1	A
Aroclor 1254	ND		ug/kg	50.5	5.53	1	A
Aroclor 1260	ND		ug/kg	50.5	9.34	1	A
Aroclor 1262	ND		ug/kg	50.5	6.42	1	A
Aroclor 1268	ND		ug/kg	50.5	5.24	1	A
PCBs, Total	ND		ug/kg	50.5	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	61		30-150	B

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02  
 Client ID: FD-01  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 11:11  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 10:52  
 Analyst: MEO  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.2	4.37	1	A
Aroclor 1221	ND		ug/kg	49.2	4.93	1	A
Aroclor 1232	ND		ug/kg	49.2	10.4	1	A
Aroclor 1242	ND		ug/kg	49.2	6.63	1	A
Aroclor 1248	ND		ug/kg	49.2	7.38	1	A
Aroclor 1254	ND		ug/kg	49.2	5.38	1	A
Aroclor 1260	ND		ug/kg	49.2	9.09	1	A
Aroclor 1262	ND		ug/kg	49.2	6.25	1	A
Aroclor 1268	ND		ug/kg	49.2	5.10	1	A
PCBs, Total	ND		ug/kg	49.2	4.37	1	A

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

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03  
 Client ID: ESW-03  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 11:00  
 Analyst: MEO  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.4	4.39	1	A
Aroclor 1221	ND		ug/kg	49.4	4.95	1	A
Aroclor 1232	ND		ug/kg	49.4	10.5	1	A
Aroclor 1242	ND		ug/kg	49.4	6.66	1	A
Aroclor 1248	ND		ug/kg	49.4	7.42	1	A
Aroclor 1254	ND		ug/kg	49.4	5.41	1	A
Aroclor 1260	ND		ug/kg	49.4	9.14	1	A
Aroclor 1262	ND		ug/kg	49.4	6.28	1	A
Aroclor 1268	ND		ug/kg	49.4	5.12	1	A
PCBs, Total	ND		ug/kg	49.4	4.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	60		30-150	B

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04  
 Client ID: ESW-04  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:35  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 11:07  
 Analyst: MEO  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.24	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.84	1	A
Aroclor 1254	ND		ug/kg	52.2	5.72	1	A
Aroclor 1260	ND		ug/kg	52.2	9.66	1	A
Aroclor 1262	ND		ug/kg	52.2	6.64	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	63		30-150	B

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 09:22  
 Analyst: MHG

Extraction Method: EPA 3510C  
 Extraction Date: 01/02/25 23:18  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/03/25

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	80		30-150	B

**Project Name:** 52-54 CANAL ST LYONS**Project Number:** 037112**Lab Number:** L2476426**Report Date:** 01/27/25

### Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 00:43  
 Analyst: MEO

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 08:00  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/02/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG2015555-1						
Aroclor 1016	ND		ug/kg	49.7	4.41	A
Aroclor 1221	ND		ug/kg	49.7	4.98	A
Aroclor 1232	ND		ug/kg	49.7	10.5	A
Aroclor 1242	ND		ug/kg	49.7	6.70	A
Aroclor 1248	ND		ug/kg	49.7	7.46	A
Aroclor 1254	ND		ug/kg	49.7	5.44	A
Aroclor 1260	ND		ug/kg	49.7	9.18	A
Aroclor 1262	ND		ug/kg	49.7	6.31	A
Aroclor 1268	ND		ug/kg	49.7	5.15	A
PCBs, Total	ND		ug/kg	49.7	4.41	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	65		30-150	B



**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

### Method Blank Analysis Batch Quality Control

**Analytical Method:** 1,8082A  
**Analytical Date:** 01/03/25 08:45  
**Analyst:** MHG

**Extraction Method:** EPA 3510C  
**Extraction Date:** 01/02/25 23:18  
**Cleanup Method:** EPA 3665A  
**Cleanup Date:** 01/03/25  
**Cleanup Method:** EPA 3660B  
**Cleanup Date:** 01/03/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG2015910-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	76		30-150	B

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Project Number:** 037112

**Lab Number:** L2476426

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>	<b>Column</b>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG2015555-2 WG2015555-3									
Aroclor 1016	65		67		40-140	3		50	A
Aroclor 1260	66		67		40-140	2		50	A

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>	<b>Column</b>
2,4,5,6-Tetrachloro-m-xylene	64		66		30-150	A
Decachlorobiphenyl	68		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		62		30-150	B
Decachlorobiphenyl	63		63		30-150	B

# **Lab Control Sample Analysis** **Batch Quality Control**

**Project Name:** 52-54 CANAL ST LYONS

**Lab Number:** L2476426

**Project Number:** 037112

**Report Date:** 01/27/25

<b>Parameter</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>%Recovery Limits</b>	<b>RPD</b>	<b>Qual</b>	<b>RPD Limits</b>	<b>Column</b>
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG2015910-2 WG2015910-3									
Aroclor 1016	78		87		40-140	11		50	A
Aroclor 1260	85		94		40-140	10		50	A

<b>Surrogate</b>	<b>LCS %Recovery</b>	<b>Qual</b>	<b>LCSD %Recovery</b>	<b>Qual</b>	<b>Acceptance Criteria</b>	<b>Column</b>
2,4,5,6-Tetrachloro-m-xylene	86		92		30-150	A
Decachlorobiphenyl	89		96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		93		30-150	B
Decachlorobiphenyl	88		102		30-150	B

# **INORGANICS & MISCELLANEOUS**

**Project Name:** 52-54 CANAL ST LYONS**Project Number:** 037112**Lab Number:** L2476426**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-01**Client ID:** EB-02**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Date Collected:** 12/30/24 10:20**Date Received:** 12/30/24**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.5		%	0.100	NA	1	-	12/31/24 10:25	121,2540G	ROI



**Project Name:** 52-54 CANAL ST LYONS**Project Number:** 037112**Lab Number:** L2476426**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-02**Client ID:** FD-01**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Date Collected:** 12/30/24 11:11**Date Received:** 12/30/24**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.4		%	0.100	NA	1	-	12/31/24 10:25	121,2540G	ROI



**Project Name:** 52-54 CANAL ST LYONS**Project Number:** 037112**Lab Number:** L2476426**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-03**Client ID:** ESW-03**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Date Collected:** 12/30/24 10:30**Date Received:** 12/30/24**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.7		%	0.100	NA	1	-	12/31/24 10:25	121,2540G	ROI



**Project Name:** 52-54 CANAL ST LYONS**Project Number:** 037112**Lab Number:** L2476426**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-04**Client ID:** ESW-04**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Date Collected:** 12/30/24 10:35**Date Received:** 12/30/24**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	12/31/24 10:25	121,2540G	ROI





**Lab Duplicate Analysis**  
*Batch Quality Control***Project Name:** 52-54 CANAL ST LYONS**Project Number:** 037112**Lab Number:** L2476426**Report Date:** 01/27/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG2015145-1 QC Sample: L2476356-01 Client ID: DUP Sample						
Solids, Total	73.2	72.9	%	0		20

**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

Serial\_No:01272510:52  
**Lab Number:** L2476426  
**Report Date:** 01/27/25

### Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

#### Cooler Information

<b>Cooler</b>	<b>Custody Seal</b>
A	Absent

#### Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2476426-01A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2476426-01B	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-01C	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-01D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2476426-01E	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476426-02A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2476426-02B	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-02C	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-02D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2476426-02E	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476426-03A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2476426-03B	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-03C	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-03D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2476426-03E	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476426-04A	Vial MeOH preserved	A	NA		4.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2476426-04B	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-04C	Vial water preserved	A	NA		4.2	Y	Absent	31-DEC-24 01:52	NYTCL-8260HLW-R2(14)
L2476426-04D	Plastic 120ml unpreserved	A	NA		4.2	Y	Absent		TS(7)
L2476426-04E	Glass 250ml/8oz unpreserved	A	NA		4.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2476426-05A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2476426-05B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)
L2476426-05C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260-R2(14)

**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

Serial\_No:01272510:52  
**Lab Number:** L2476426  
**Report Date:** 01/27/25

**Container Information**

<b>Container ID</b>	<b>Container Type</b>	<b>Cooler</b>	<b>Initial pH</b>	<b>Final pH</b>	<b>Temp deg C</b>	<b>Pres</b>	<b>Seal</b>	<b>Frozen Date/Time</b>	<b>Analysis(*)</b>
L2476426-05D	Amber 100ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2476426-05E	Amber 100ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2476426-05F	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2476426-05G	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25

## 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:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**Footnotes**

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

**Terms**

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

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

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

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

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

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

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

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

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

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

**Data Qualifiers**

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

Report Format: DU Report with 'J' Qualifiers



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**Data Qualifiers**

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

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

**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

## 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

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.



**Pace Analytical Services LLC**

ID No.:17873

Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

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**Certification Information**

The following analytes are not included in our Primary NELAP Scope of Accreditation:

**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO<sub>2</sub>, NO<sub>3</sub>.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

**MADEP-APH.****Nonpotable Water:** EPA RSK-175 Dissolved Gases**Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

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

**Nonpotable Water:** EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)**

The following analytes are included in our Massachusetts DEP Scope of Accreditation

**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****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**



**Pace Analytical Services LLC**ID No.: **17873**Facility: **Northeast**

Revision 27

Department: **Quality Assurance**

Published Date: 01/24/2025

Title: **Certificate/Approval Program Summary**

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**Certification IDs:****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048**


CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048**

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

 <b>NEW YORK CHAIN OF CUSTODY</b> Westborough, MA 01581 8 Walkup Dr. TEL: 508-698-9220 FAX: 508-698-9193		<b>Service Centers</b> 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 12/31/24		ALPHA Job # L2476420																																																																																										
		<b>Project Information</b> Project Name: 52-54 Canal St. Lyons Project Location: 52-54 Canal St. Lyons, New York Project # 037118 (Use Project name as Project #) <input type="checkbox"/> Project Manager: Katherine Nelson ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		<b>Deliverables</b> <input type="checkbox"/> ASP-A <input checked="" type="checkbox"/> ASP-B <input type="checkbox"/> EQuIS (1 File) <input checked="" type="checkbox"/> EQuIS (4 File) <input type="checkbox"/> Other		<b>Billing Information</b> <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																												
<b>Client Information</b> Client: Montrose Environmental Address: 1005 Clinton Ave. Suite 2330 Rochester, NY Phone: 585-447-3709 Fax: Email: ryan.mallon@montrose-env.com		<b>Regulatory Requirement</b> <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input checked="" type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		<b>Disposal Site Information</b> Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input checked="" type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																														
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:		<b>ANALYSIS</b>		<b>Sample Filtration</b> <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)																																																																																														
Please specify Metals or TAL.		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th colspan="3">Analysis</th> <th rowspan="2">Sample Specific Comments</th> <th rowspan="2">Total Bottles</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>VOCs (8260)</th> <th>SVOCs (8270)</th> <th>PCBs (8082)</th> </tr> </thead> <tbody> <tr> <td>70426-01</td> <td>EB-02</td> <td>12/30/24</td> <td>10:20</td> <td>SO</td> <td>RM</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>5</td> </tr> <tr> <td>-02</td> <td>FD-01</td> <td>12/30/24</td> <td>11:11</td> <td>SO</td> <td>RM</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>5</td> </tr> <tr> <td>-03</td> <td>ESW-03</td> <td>12/30/24</td> <td>10:30</td> <td>SO</td> <td>RM</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>5</td> </tr> <tr> <td>-04</td> <td>ESW-04</td> <td>12/30/24</td> <td>10:35</td> <td>SO</td> <td>RM</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>5</td> </tr> <tr> <td>-05</td> <td>Equipment Blank</td> <td>12/30/24</td> <td>08:30</td> <td>SW</td> <td>RM</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td>7</td> </tr> <tr> <td></td> <td>Unlabeled bottles</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>10</td> </tr> <tr> <td colspan="6" style="text-align: center;">RM 12/30/24</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis			Sample Specific Comments	Total Bottles	Date	Time	VOCs (8260)	SVOCs (8270)	PCBs (8082)	70426-01	EB-02	12/30/24	10:20	SO	RM	X	X	X		5	-02	FD-01	12/30/24	11:11	SO	RM	X	X	X		5	-03	ESW-03	12/30/24	10:30	SO	RM	X	X	X		5	-04	ESW-04	12/30/24	10:35	SO	RM	X	X	X		5	-05	Equipment Blank	12/30/24	08:30	SW	RM	X	X	X		7		Unlabeled bottles									10	RM 12/30/24											<b>Sample Specific Comments</b>	
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-05	Equipment Blank	12/30/24	08:30	SW	RM	X	X	X		7																																																																																								
	Unlabeled bottles									10																																																																																								
RM 12/30/24																																																																																																		
Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube Q = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type: VPA A Preservative: AFA A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved, BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																										
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: Ryan Mallon SECURE STORAGE PACE Russell B. Bailey		Date/Time: 12/30/24 1316 12/30/24 1522 12/31/24 15131		Received By: SECURE STORAGE PACE J. M. P. ROCH. S.C. G. J. L.		Date/Time: 12/30/24 1316 12/30/24 1522 12/31/24 0119																																																																																										



January 27, 2025

Service Request No:R2500577

Frank Thomas  
Sessler Environmental Services  
1330 Research Forest  
Macedon, NY 14502

**Laboratory Results for: 52-54 Canal Street**

Dear Frank,

Enclosed are the results of the sample(s) submitted to our laboratory January 16, 2025  
For your reference, these analyses have been assigned our service request number **R2500577**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at [Meghan.Pedro@alsglobal.com](mailto:Meghan.Pedro@alsglobal.com).

Respectfully submitted,

**ALS Group USA, Corp. dba ALS Environmental**

Meghan Pedro  
Project Manager

CC: Eric Hoban

**ADDRESS**

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

**PHONE** +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.  
dba ALS Environmental



## Narrative Documents

**ALS Environmental—Rochester Laboratory**

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Phone (585) 288-5380 Fax (585) 288-8475

[www.alsglobal.com](http://www.alsglobal.com)



**Client:** Sessler Environmental Services  
**Project:** 52-54 Canal Street  
**Sample Matrix:** NonAq Liquid

**Service Request:** R2500577  
**Date Received:** 01/16/2025

### CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

#### Sample Receipt:

One nonaq liquid sample was received for analysis at ALS Environmental on 01/16/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

#### Semivola GC:

Method 8082A, 01/24/2025: The control limit was exceeded for one or more surrogates in the Continuing Calibration Verification (CCV). The surrogates were within acceptance limits for the associated field samples. The data quality was not significantly affected and no further corrective action was taken.

Approved by 

Date 01/27/2025



## Sample Receipt Information

**ALS Environmental—Rochester Laboratory**

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

[www.alsglobal.com](http://www.alsglobal.com)

**Client:** Sessler Environmental Services  
**Project:** 52-54 Canal Street/24-E016

**Service Request:**R2500577

**SAMPLE CROSS-REFERENCE**

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2500577-001	Hydraulic Oil	1/16/2025	0900



SR#:
Page                      of

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# Cooler Receipt and Preservation Check Form

**R2500577**  
Sessler Environmental Services  
62-64 Canal Street

5

Project/Client Sessler Env Folder Number \_\_\_\_\_

Cooler received on 1/16/25 by: MM

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y <input checked="" type="radio"/> N <input type="radio"/>
2	Custody papers properly completed (ink, signed)?	Y <input checked="" type="radio"/> N <input type="radio"/>
3	Did all bottles arrive in good condition (unbroken)?	Y <input checked="" type="radio"/> N <input type="radio"/>
4	Circle: Wet Ice Dry Ice Gel packs present?	Y <input checked="" type="radio"/> N <input type="radio"/>

5a	Did VOA vials have sig* bubbles?	Y <input type="radio"/> N <input checked="" type="radio"/> NA <input type="radio"/>
5b	Sig* bubbles: Alk? Y <input type="radio"/> N <input checked="" type="radio"/> NA <input type="radio"/> Sulfide? Y <input type="radio"/> N <input checked="" type="radio"/> NA <input type="radio"/>	
6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT
7	Soil VOA received as: Bulk Encore 5035set	<u>NA</u>

8. Temperature Readings Date: 1/16/25 Time: 14:52 ID: IR#12 IR#11 From: Temp Blank Sample Bottle

Temp (°C)	<u>9.8</u>						
Within 0-6°C?	Y <input checked="" type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>
If <0°C, were samples frozen?	Y <input type="radio"/> N <input checked="" type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>	Y <input type="radio"/> N <input type="radio"/>

If out of Temperature, note packing/ice condition: \_\_\_\_\_ Ice melted Poorly Packed (described below) Same Day Rule  
& Client Approval to Run Samples: \_\_\_\_\_ Standing Approval Client aware at drop-off Client notified by: \_\_\_\_\_

All samples held in storage location: SMD by MM on 1/16/25 at 14:54  
5035 samples placed in storage location: \_\_\_\_\_ by \_\_\_\_\_ on \_\_\_\_\_ at \_\_\_\_\_ within 48 hours of sampling? Y ☐ N ☐

Cooler Breakdown/Preservation Check\*\*: Date: 1/16/25 Time: 16:30 by: MM

- Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO ☐
- Did all bottle labels and tags agree with custody papers? YES NO ☐
- Were correct containers used for the tests indicated? YES NO ☐
- Were 5035 vials acceptable (no extra labels, not leaking)? YES NO N/A
- Were dissolved metals filtered in the field? YES NO N/A
- Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

Limits	Lot of test paper	Reagent	In Limits?	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
pH ≥ 12		NaOH	Yes No						
pH ≤ 2		HNO <sub>3</sub>							
pH ≤ 2		H <sub>2</sub> SO <sub>4</sub>							
pH < 4		522 NaHSO <sub>4</sub>							
pH 5-9		For 608pest		No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522		If +, contact PM to add Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (625, 608, CN), ascorbic (phenol).					
		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	- -						
		ZnAcetate	- -						
		HCl	** **						

\*\*VOAs and 1664 Not to be tested before analysis.  
Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 052223-165  
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: MM

\*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter



## Miscellaneous Forms

**ALS Environmental—Rochester Laboratory**

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## REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.	+	Correlation coefficient for MSA is <0.995.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.	P	Concentration >40% difference between the two GC columns.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed ( $\geq 100\%$ Difference between two GC columns).
#	Spike was diluted out.	X	See Case Narrative for discussion.
		MRL	Method Reporting Limit. Also known as:
		LOQ	Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
		MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
		LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
		ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

### Rochester Lab ID # for State Accreditations<sup>1</sup>



NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

<sup>1</sup> Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to <https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx>.

# ALS Laboratory Group

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## Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

**ALS Group USA, Corp.**

**dba ALS Environmental**

Analyst Summary report

**Client:** Sessler Environmental Services  
**Project:** 52-54 Canal Street/24-E016

**Service Request:** R2500577

**Sample Name:** Hydraulic Oil  
**Lab Code:** R2500577-001  
**Sample Matrix:** NonAq Liquid

**Date Collected:** 01/16/25

**Date Received:** 01/16/25

**Analysis Method**  
8082A

**Extracted/Digested By**  
KPROCOPIO

**Analyzed By**  
AFELSER



## PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

### INORGANIC

#### Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

#### Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

### ORGANIC

**Preparation Methods for Organic methods are listed in the header of the Results pages.**

#### Regarding "Bulk/5035A":

For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.



## Sample Results

**ALS Environmental—Rochester Laboratory**

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## Semivolatile Organic Compounds by GC

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ALS Group USA, Corp.  
dba ALS Environmental

Analytical Report

**Client:** Sessler Environmental Services  
**Project:** 52-54 Canal Street/24-E016  
**Sample Matrix:** NonAq Liquid

**Service Request:** R2500577  
**Date Collected:** 01/16/25 09:00  
**Date Received:** 01/16/25 14:40

**Sample Name:** Hydraulic Oil  
**Lab Code:** R2500577-001

**Units:** ug/Kg  
**Basis:** As Received

Polychlorinated Biphenyls (PCBs) by GC

**Analysis Method:** 8082A  
**Prep Method:** EPA 3580A

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	1900 U	1900	1	01/24/25 01:48	1/23/25	
Aroclor 1221	3800 U	3800	1	01/24/25 01:48	1/23/25	
Aroclor 1232	1900 U	1900	1	01/24/25 01:48	1/23/25	
Aroclor 1242	1900 U	1900	1	01/24/25 01:48	1/23/25	
Aroclor 1248	1900 U	1900	1	01/24/25 01:48	1/23/25	
Aroclor 1254	1900 U	1900	1	01/24/25 01:48	1/23/25	
Aroclor 1260	1900 U	1900	1	01/24/25 01:48	1/23/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	93	44 - 154	01/24/25 01:48	
Tetrachloro-m-xylene	59	42 - 143	01/24/25 01:48	



## QC Summary Forms

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## Semivolatile Organic Compounds by GC

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ALS Group USA, Corp.  
dba ALS Environmental

QA/QC Report

**Client:** Sessler Environmental Services  
**Project:** 52-54 Canal Street/24-E016  
**Sample Matrix:** NonAq Liquid

**Service Request:** R2500577

**SURROGATE RECOVERY SUMMARY**  
**Polychlorinated Biphenyls (PCBs) by GC**

**Analysis Method:** 8082A  
**Extraction Method:** EPA 3580A

Sample Name	Lab Code	Decachlorobiphenyl	Tetrachloro-m-xylene
		44 - 154	42 - 143
Hydraulic Oil	R2500577-001	93	59
Method Blank	RQ2500874-01	86	103
Lab Control Sample	RQ2500874-02	107	113
Duplicate Lab Control Sample	RQ2500874-03	88	101

ALS Group USA, Corp.  
dba ALS Environmental

Analytical Report

**Client:** Sessler Environmental Services  
**Project:** 52-54 Canal Street/24-E016  
**Sample Matrix:** NonAq Liquid

**Service Request:** R2500577  
**Date Collected:** NA  
**Date Received:** NA

**Sample Name:** Method Blank  
**Lab Code:** RQ2500874-01

**Units:** ug/Kg  
**Basis:** As Received

Polychlorinated Biphenyls (PCBs) by GC

**Analysis Method:** 8082A  
**Prep Method:** EPA 3580A

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	2000 U	2000	1	01/24/25 00:54	1/23/25	
Aroclor 1221	4000 U	4000	1	01/24/25 00:54	1/23/25	
Aroclor 1232	2000 U	2000	1	01/24/25 00:54	1/23/25	
Aroclor 1242	2000 U	2000	1	01/24/25 00:54	1/23/25	
Aroclor 1248	2000 U	2000	1	01/24/25 00:54	1/23/25	
Aroclor 1254	2000 U	2000	1	01/24/25 00:54	1/23/25	
Aroclor 1260	2000 U	2000	1	01/24/25 00:54	1/23/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	86	44 - 154	01/24/25 00:54	
Tetrachloro-m-xylene	103	42 - 143	01/24/25 00:54	

ALS Group USA, Corp.  
dba ALS Environmental

QA/QC Report

**Client:** Sessler Environmental Services  
**Project:** 52-54 Canal Street/24-E016  
**Sample Matrix:** NonAq Liquid

**Service Request:** R2500577  
**Date Analyzed:** 01/24/25

**Duplicate Lab Control Sample Summary**  
**Polychlorinated Biphenyls (PCBs) by GC**

**Units:**ug/Kg  
**Basis:**As Received

Lab Control Sample					Duplicate Lab Control Sample					
RQ2500874-02					RQ2500874-03					
Analyte Name	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Aroclor 1016	8082A	6420	5000	128	5590	5000	112	47-159	14	30
Aroclor 1260	8082A	6210	5000	124	5740	5000	115	46-151	8	30

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## Appendix E – Data Validation Summary Report

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**QUALITY ASSURANCE REVIEW FOR**

**52-54 Canal Street  
Lyons, New York**

**LABORATORY SAMPLE DELIVERY GROUPS:  
L2476274 AND L2476426**

February 2025

Prepared for:

**Wayne County Regional Land Bank**  
16 Williams Street  
Lyons, NY 14489

Prepared by:

**MONTROSE ENVIRONMENTAL SOLUTIONS, INC.**  
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#### **Section 4      Chain-of-Custody Records, Receipt Information, and Project Correspondence**

## Introduction

This quality assurance (QA) review (*a.k.a.*, data validation) is based upon an examination of the data generated from the analyses of the soil and associated quality control (QC) samples collected on December 27 and 30, 2024, at 52-54 Canal Street in Lyons, NY. The samples that have undergone review are listed on Table 1. Table 1 also presents the laboratory sample identification numbers, Sample Delivery Group (SDG) numbers, matrices, collection dates, and parameter(s) examined. The review was performed by Montrose Environmental Solutions, Inc. (Montrose) under contract with the Wayne County Land Bank, Lyons, NY. Wayne County Regional Land Bank Corporation has performed this work under its United States Environmental Protection (US EPA) Brownfields Multi-Purpose Grant (Cooperative Agreement No. 4BF-96219623).

One hundred percent (100%) of the analytical data associated with SDG L2476274 and SDG L2476426 was validated at a Stage 2a, full review level, inclusive of QC summary forms. The analyses performed include volatile organic compounds (VOC), semivolatile organic compounds (SVOC), SVOC by select ion monitoring (SIM), and polychlorinated biphenyls (PCBs) by the United States Environmental Protection Agency (US EPA) and the Office of Solid Waste's (SW-846) methods.

This data validation review was performed with guidance from the "US EPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review," (US EPA, November 2020); and, "Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use," (US EPA, January 2009). The National Functional Guidelines specifically address analyses performed in accordance with the Contract Laboratory Program (CLP) analytical methods. These validation guidelines are, therefore, not completely applicable to the types of analyses and analytical protocols performed for these samples. Montrose used professional judgment to determine the usability of the analytical results and compliance relative to the analytical methods referenced by the laboratory. In the absence of US EPA data review guidance or analytical method requirements, laboratory generated acceptance criteria were used.

Details of the QA review are presented in this report. Data were examined to determine the usability of the analytical results and compliance relative to the requirements specified in the analytical methods. In addition, the deliverables were evaluated for completeness and accuracy.

This report was prepared to provide a critical review of the laboratory analyses and reported analytical results. Rigorous QA reviews of laboratory-generated data routinely identify problems associated with analytical measurements, even from the most experienced and capable laboratories.

**TABLE 1**  
  
**SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW**

Laboratory Sample ID	SDG	Sample ID	Matrix	Sample Date	Analysis
L2476274-01	L2476274	EB-01	SS	12/27/2024	VOC, SVOC, PCB
L2476274-02	L2476274	ESW-01	SS	12/27/2024	VOC, SVOC, PCB
L2476274-03	L2476274	ESW-02	SS	12/27/2024	VOC, SVOC, PCB
L2476426-01	L2476426	EB-02	SS	12/30/2024	VOC, SVOC, PCB
L2476426-02	L2476426	FD-01	SS	12/30/2024	VOC, SVOC, PCB
L2476426-03	L2476426	ESW-03	SS	12/30/2024	VOC, SVOC, PCB
L2476426-04	L2476426	ESW-04	SS	12/30/2024	VOC, SVOC, PCB
L2476426-05	L2476426	Equipment Blank	AQ	12/30/2024	VOC, SVOC, SIM, PCB

**NOTES:**

VOC - VOC by SW-846 Method 8260D (8 analyses)  
 SVOC - SVOC by SW-846 Method 8270E (8 analyses)  
 SIM - SVOC Select Ion Monitoring by SW-846 Method 8270E SIM (1 analysis)  
 PCB - Polychlorinated Biphenyls (PCBs) by SW-846 Method 8082A (8 analyses)  
 SS - Soil  
 AQ - Aqueous

## Quality Assurance Review

### A. Organic Review

The analyses of six soils and associated QC samples collected at the 52-54 Canal Street site in Lyons, NY by Montrose, were performed by Pace Analytical Services in Westborough, MA. The samples were analyzed for VOC by SW-846 Method 8260D, SVOC by SW-846 Method 8270E, and PCB by SW-846 Method 8082A. In addition, the equipment blank was analyzed for SVOC SIM by SW-846 Method 8270E with SIM. The specific samples and analyses reviewed are identified on Table 1. Table 1 also presents the laboratory sample identification (ID) numbers, SDG numbers, matrices, collection dates, and parameter(s) examined.

The findings in this report are based upon a review of, but not limited to, sample holding times, condition of samples upon laboratory receipt, blank analysis results, laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) results, matrix spike (MS) and matrix spike duplicate (MSD) results, surrogate recoveries, and laboratory and field duplicate results.

Issues are typically presented in two categories - deliverable issues and procedural issues. Deliverable issues are data issues that can easily be corrected and that may or may not impact the usability of the reported results. Procedural issues are issues that cannot be corrected and address method compliance issues; these issues may or may not impact the usability of the reported results. Comments are offered for clarification of issues relating to the data and do not typically impact the usability of the reported results. The following issues and comments do not necessarily affect data usability (*viz.*, items necessitating data qualification).

### Deliverable Review

1. The laboratory qualifiers were removed and replaced with data validation qualifiers as deemed necessary by the data reviewer.

### Comments

1. The SDG L2476274 samples arrived in good condition with proper preservation on December 28, 2024. The cooler temperature at the time of receipt was 2.5°C. The SDG L2476426 samples arrived in good condition with proper preservation on December 31, 2024. The cooler temperature at the time of receipt was 4.2°C.

### Organic Data Qualifiers

Based upon a Stage 2a review of the data packages provided, organic data qualification was warranted. The principal areas of concern are method blank contamination, and out-of-criteria LCS/LCSD, and MS/MSD recoveries.

Data usability issues represent an interpretation of the QC results obtained for the project samples. Quite often, data qualifications address issues relating to sample matrix problems. Similarly, the validation guidelines specify areas of the data that require qualification, yet the methods used for analysis do not require any corrective action by the laboratory. Accordingly, the data usability issues should not necessarily be construed as an indication of laboratory performance.

The following organic data qualifiers are presented.

Method Blank contamination:

SDG	Qualified Samples	Analyte	Qualifier	Qualification
L2476426	Equipment Blank	benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenz(a,h)anthracene, and indeno(g,h,i)perylene	U*	Method blank

Benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenzo(a,h)anthracene, and indeno(g,h,i)perylene were detected in the method blank. The reported concentrations for benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, dibenzo(a,h)anthracene, and indeno(g,h,i)perylene in sample Equipment Blank were less than five times the method blank concentration and should be considered “not-detected” due to potential laboratory contamination. The associated sample results have been flagged “U\*”.

LCS/LCSD Accuracy and Precision:

SDG	Qualified Samples	Analyte	Qualifier	Qualification
L2476274	EB-01, ESW-01, and ESW-02	1,4-dioxane	J-/UJ-	Low LCS and/or LCSD recoveries
L2476426	EB-02, FD-01, ESW-03, and ESW-04	3,3'-dichlorobenzidine, aniline, and 4-chloroaniline	J-/UJ-	Low LCS and/or LCSD recoveries
L2476426	Equipment Blank	hexachlorocyclopentadiene, and aniline	J-/UJ-	Low LCS and/or LCSD recoveries and high RPD

The ability of the laboratory to accurately quantify 1,4-dioxane in samples EB-01, ESW-01 and ESW-02 was not demonstrated, and the results have been qualified as estimated, biased low, and have been flagged “J-”

" or "UJ-" depending upon the result reported ("non-detect" results were qualified as "UJ-" and positive results were qualified as "J-"). A low recovery was observed for 1,4-dioxane in the LCS and/or LCSD.

The ability of the laboratory to accurately quantify 3,3'-dichlorobenzidine, aniline, and 4-chloroaniline in samples EB-02, FD-01, ESW-03 and ESW-04 was not demonstrated, and the results have been qualified as estimated, biased low, and have been flagged "J-" or "UJ-" depending upon the result reported ("non-detect" results were qualified as "UJ-" and positive results were qualified as "J-"). A low recovery was observed for 3,3'-dichlorobenzidine, aniline, and 4-chloroaniline in the LCS and/or LCSD.

The ability of the laboratory to accurately quantify hexachlorocyclopentadiene and aniline in the Equipment Blank was not demonstrated, and the results have been qualified as estimated, biased low, and have been flagged "J-" or "UJ-" depending upon the result reported ("non-detect" results were qualified as "UJ-" and positive results were qualified as "J-"). A low recovery was observed for hexachlorocyclopentadiene and aniline in the LCS and/or LCSD.

**MS/MSD Accuracy and Precision:**

SDG	Qualified Samples	Analyte	Qualifier	Qualification
L2476274	EB-01	methylene chloride, carbon tetrachloride, 1,2-dichloropropane, dibromochloromethane, 1,1,2-trichloroethane, tetrachloroethene, chlorobenzene, bromodichloromethane, trans-1,3-dichloropropene, cis-1,3-dichloropropene, bromoform, 1,1,2,2-tetrachloroethane, benzene, toluene, ethylbenzene, trans-1,2-dichloroethene, trichloroethene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, m/p-xylene, o-xylene, cis-1,2-dichloroethene, styrene, 2-hexanone, 1,2-dibromoethane, sec-butylbenzene, tert-butylbenzene, 1,2-dibromo-3-chloropropane, isopropylbenzene, p-isopropyltoluene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, cyclohexane, and methyl cyclohexane	J-/UJ-	Low MS and /or MSD recoveries
L2476274	EB-01	n-butylbenzene, 1,2,3-trichlorobenzene, and 1,2,4-trichlorobenzene	J-/UR	Very low MS and /or MSD recoveries

L2476274	EB-01	3,3'-dichlorobenzidine, 2,4-dinitrophenol, and 4,6-dinitro-o-cresol	J-/UR	Very low MS and /or MSD recoveries
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The ability of the laboratory to accurately quantify methylene chloride, carbon tetrachloride, 1,2-dichloropropane, dibromochloromethane, 1,1,2-trichloroethane, tetrachloroethene, chlorobenzene, bromodichloromethane, trans-1,3-dichloropropene, cis-1,3-dichloropropene, bromoform, 1,1,2,2-tetrachloroethane, benzene, toluene, ethylbenzene, trans-1,2-dichloroethene, trichloroethene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, m/p-xylene, o-xylene, cis-1,2-dichloroethene, styrene, 2-hexanone, 1,2-dibromoethane, sec-butylbenzene, tert-butylbenzene, 1,2-dibromo-3-chloropropane, isopropylbenzene, p-isopropyltoluene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, cyclohexane, and methyl cyclohexane in sample EB-01 was not demonstrated, and the results have been qualified as estimated, biased low, and have been flagged "J-" or "JJ-" depending upon the result reported ("non-detect" results were qualified as "JJ-" and positive results were qualified as "J-"). Low recoveries were observed for these compounds in the associated MS and/or MSD analyses.

The ability of the laboratory to accurately quantify n-butylbenzene, 1,2,3-trichlorobenzene, and 1,2,4-trichlorobenzene in sample EB-01 was not demonstrated, and the results have been qualified as estimated, biased low, and flagged "J-" or "UR" depending upon the result reported ("non-detect" results were qualified as "UR" and positive results were qualified as "J-"). Very low recoveries (<10%) were observed for these compound in the associated MS and/or MSD analyses.

The ability of the laboratory to accurately quantify 3,3'-dichlorobenzidine, 2,4-dinitrophenol and 4,6-dinitro-o-cresol in sample EB-01 was not demonstrated, and the results have been qualified as estimated, biased low, and flagged "J-" or "UR" depending upon the result reported ("non-detect" results were qualified as "UR" and positive results were qualified as "J-"). Very low recoveries (<10%) were observed for these compound in the associated MS and/or MSD analyses

In accordance with project protocols, all results reported at concentrations less than the sample-specific RL (adjusted for dilution factor and sample volume) and above the MDL should be considered estimated and have been flagged "J".

Complete support documentation for this Organic QA review can be provided upon request.

## B. Conclusions

Based upon review of the data packages provided, Organic results were qualified as estimated due to method blank contamination, and out-of-criteria LCS/LCSD and MS/MSD recoveries.

To confidently use any of the analytical data within this sample set, the data user should understand the qualifications and limitations of the results.

As qualified, data collected during the field sampling activities can be used to characterize the site as well as to prepare a residual human health and ecological risk assessment for the Site.

DV Review and Report prepared by:	Amy Wall, Quality Assurance Chemist
DV and Report reviewed by:	Amy Graham, Quality Assurance Chemist
Report approved by:	Adam Doubleday, Quality Assurance Manager

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Date: 2/24/2025

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## **DATA QUALIFIER NOTES**

- J Quantitation is approximate due to limitations identified during the data validation.
- J+ The result is an estimated quantity and should be considered biased high.
- J- The result is an estimated quantity and should be considered biased low.
- R Unusable result; compound may or may not be present in sample.
- UJ This compound was not detected, but the quantitation limit may or may not be higher due to a bias identified during data validation.
- UJ- This compound was not detected, but the quantitation limit may be lower due to a bias identified during data validation.
- UR The analyte was reported as not detected, but the determination that the analyte was not present in the sample is unreliable due to serious analytical deficiencies. The presence or absent of the analyte cannot be verified.
- U\* This compound should be considered “not-detected” because it was detected in a rinsate blank or laboratory method blank at a similar level.

## **SECTION 2**

### **QUALIFIED ANALYTICAL RESULTS**

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01  
 Client ID: EB-02  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:20  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 21:32  
 Analyst: JIC  
 Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		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	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	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	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-01**Date Collected:** 12/30/24 10:20**Client ID:** EB-02**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	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	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01

Date Collected: 12/30/24 10:20

Client ID: EB-02

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

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	114		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	114		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02  
 Client ID: FD-01  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 11:11  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 21:06  
 Analyst: JIC  
 Percent Solids: 96%

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	ND		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	ND		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
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	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-02**Date Collected:** 12/30/24 11:11**Client ID:** FD-01**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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
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
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
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
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Cyclohexane	ND		ug/kg	11	0.61	1
Freon-113	ND		ug/kg	4.5	0.78	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02

Date Collected: 12/30/24 11:11

Client ID: FD-01

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by EPA 5035 Low - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	114		70-130



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03  
 Client ID: ESW-03  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 20:40  
 Analyst: JIC  
 Percent Solids: 98%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		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	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.20	1
Bromodichloromethane	ND		ug/kg	0.62	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.20	1
Benzene	ND		ug/kg	0.62	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.5	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03

Date Collected: 12/30/24 10:30

Client ID: ESW-03

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.5	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.5	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	0.41	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03

Date Collected: 12/30/24 10:30

Client ID: ESW-03

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

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	112		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04  
 Client ID: ESW-04  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:35  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/05/25 20:14  
 Analyst: JIC  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		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	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-04**Date Collected:** 12/30/24 10:35**Client ID:** ESW-04**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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	0.61	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	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	0.77	J	ug/kg	1.1	0.12	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	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	0.36	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04

Date Collected: 12/30/24 10:35

Client ID: ESW-04

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

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	107		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	112		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 12/31/24 13:35

Analyst: RAW

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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	0.17	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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1





**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-05**Date Collected:** 12/30/24 08:30**Client ID:** EQUIPMENT BLANK**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	112		70-130

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01  
 Client ID: EB-02  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:20  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 12:10  
 Analyst: EK  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND	UJ-	ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01

Date Collected: 12/30/24 10:20

Client ID: EB-02

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	22.	1
Aniline	ND	UJ-	ug/kg	200	79.	1
4-Chloroaniline	ND	UJ-	ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	240	68.	1
2,4-Dinitrophenol	ND		ug/kg	810	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	130	59.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01

Date Collected: 12/30/24 10:20

Client ID: EB-02

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	220	45.	1
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1
1,4-Dioxane	ND		ug/kg	25	7.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	66		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02  
 Client ID: FD-01  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 11:11  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 12:28  
 Analyst: EK  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND	UJ-	ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	41.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02

Date Collected: 12/30/24 11:11

Client ID: FD-01

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	22.	1
Aniline	ND	UJ-	ug/kg	200	80.	1
4-Chloroaniline	ND	UJ-	ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	59.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-02**Date Collected:** 12/30/24 11:11**Client ID:** FD-01**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	220	46.	1
Caprolactam	ND		ug/kg	170	51.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	74		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03  
 Client ID: ESW-03  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 12:46  
 Analyst: EK  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND	UJ-	ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1





**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03

Date Collected: 12/30/24 10:30

Client ID: ESW-03

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
Aniline	ND	UJ-	ug/kg	200	80.	1
4-Chloroaniline	ND	UJ-	ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	60.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03

Date Collected: 12/30/24 10:30

Client ID: ESW-03

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	220	46.	1
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	85		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04  
 Client ID: ESW-04  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:35  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 13:04  
 Analyst: EK  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 16:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	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
3,3'-Dichlorobenzidine	ND	UJ-	ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	130		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	34	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	72	J	ug/kg	110	20.	1
Benzo(a)pyrene	75	J	ug/kg	140	44.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04

Date Collected: 12/30/24 10:35

Client ID: ESW-04

Date Received: 12/30/24

Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	95	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	38	J	ug/kg	110	29.	1
Chrysene	87	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	50	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	95	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	39	J	ug/kg	140	25.	1
Pyrene	110		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
Aniline	ND	UU-	ug/kg	220	85.	1
4-Chloroaniline	ND	UU-	ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	38	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-04**Date Collected:** 12/30/24 10:35**Client ID:** ESW-04**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	80		18-120

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E  
 Analytical Date: 01/04/25 09:57  
 Analyst: EK

Extraction Method: EPA 3510C  
 Extraction Date: 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND	UJ-	ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
Aniline	ND	UJ-	ug/l	2.0	0.67	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	67		41-149

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8270E-SIM  
 Analytical Date: 01/04/25 14:48  
 Analyst: JJW

Extraction Method: EPA 3510C  
 Extraction Date: 01/03/25 07:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.08	J U*	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.08	J U*	ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.11	U*	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.12	U*	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.11	U*	ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1



**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS****Lab ID:** L2476426-05**Date Collected:** 12/30/24 08:30**Client ID:** EQUIPMENT BLANK**Date Received:** 12/30/24**Sample Location:** 52-54 CANAL ST, LYONS, NEW YORK**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	40		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	71		41-149

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-01  
 Client ID: EB-02  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:20  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 10:44  
 Analyst: MEO  
 Percent Solids: 97%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.49	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.81	1	A
Aroclor 1248	ND		ug/kg	50.5	7.58	1	A
Aroclor 1254	ND		ug/kg	50.5	5.53	1	A
Aroclor 1260	ND		ug/kg	50.5	9.34	1	A
Aroclor 1262	ND		ug/kg	50.5	6.42	1	A
Aroclor 1268	ND		ug/kg	50.5	5.24	1	A
PCBs, Total	ND		ug/kg	50.5	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	61		30-150	B

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-02  
 Client ID: FD-01  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 11:11  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 10:52  
 Analyst: MEO  
 Percent Solids: 96%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.2	4.37	1	A
Aroclor 1221	ND		ug/kg	49.2	4.93	1	A
Aroclor 1232	ND		ug/kg	49.2	10.4	1	A
Aroclor 1242	ND		ug/kg	49.2	6.63	1	A
Aroclor 1248	ND		ug/kg	49.2	7.38	1	A
Aroclor 1254	ND		ug/kg	49.2	5.38	1	A
Aroclor 1260	ND		ug/kg	49.2	9.09	1	A
Aroclor 1262	ND		ug/kg	49.2	6.25	1	A
Aroclor 1268	ND		ug/kg	49.2	5.10	1	A
PCBs, Total	ND		ug/kg	49.2	4.37	1	A

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

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-03  
 Client ID: ESW-03  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 11:00  
 Analyst: MEO  
 Percent Solids: 98%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	49.4	4.39	1	A
Aroclor 1221	ND		ug/kg	49.4	4.95	1	A
Aroclor 1232	ND		ug/kg	49.4	10.5	1	A
Aroclor 1242	ND		ug/kg	49.4	6.66	1	A
Aroclor 1248	ND		ug/kg	49.4	7.42	1	A
Aroclor 1254	ND		ug/kg	49.4	5.41	1	A
Aroclor 1260	ND		ug/kg	49.4	9.14	1	A
Aroclor 1262	ND		ug/kg	49.4	6.28	1	A
Aroclor 1268	ND		ug/kg	49.4	5.12	1	A
PCBs, Total	ND		ug/kg	49.4	4.39	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	60		30-150	B

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-04  
 Client ID: ESW-04  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 10:35  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/04/25 11:07  
 Analyst: MEO  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 15:45  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/04/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.24	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.84	1	A
Aroclor 1254	ND		ug/kg	52.2	5.72	1	A
Aroclor 1260	ND		ug/kg	52.2	9.66	1	A
Aroclor 1262	ND		ug/kg	52.2	6.64	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	63		30-150	B

**Project Name:** 52-54 CANAL ST LYONS**Lab Number:** L2476426**Project Number:** 037112**Report Date:** 01/27/25**SAMPLE RESULTS**

Lab ID: L2476426-05  
 Client ID: EQUIPMENT BLANK  
 Sample Location: 52-54 CANAL ST, LYONS, NEW YORK

Date Collected: 12/30/24 08:30  
 Date Received: 12/30/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Water  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 09:22  
 Analyst: MHG

Extraction Method: EPA 3510C  
 Extraction Date: 01/02/25 23:18  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/03/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/03/25

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	80		30-150	B

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01  
 Client ID: EB-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:00  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/06/25 10:57  
 Analyst: AJK  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND	UJ-	ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND	UJ-	ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND	UJ-	ug/kg	1.0	0.13	1
Dibromochloromethane	ND	UJ-	ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND	UJ-	ug/kg	1.0	0.28	1
Tetrachloroethene	ND	UJ-	ug/kg	0.52	0.20	1
Chlorobenzene	ND	UJ-	ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND	UJ-	ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND	UJ-	ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND	UJ-	ug/kg	0.52	0.16	1
Bromoform	ND	UJ-	ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND	UJ-	ug/kg	0.52	0.17	1
Benzene	ND	UJ-	ug/kg	0.52	0.17	1
Toluene	ND	UJ-	ug/kg	1.0	0.56	1
Ethylbenzene	ND	UJ-	ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND	UJ-	ug/kg	1.6	0.14	1
Trichloroethene	ND	UJ-	ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND	UJ-	ug/kg	2.1	0.15	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-01**Date Collected:** 12/27/24 14:00**Client ID:** EB-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND	UJ-	ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND	UJ-	ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND	UJ-	ug/kg	2.1	0.58	1
o-Xylene	ND	UJ-	ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND	UJ-	ug/kg	1.0	0.18	1
Styrene	ND	UJ-	ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	9.9	J	ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND	UJ-	ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND	UJ-	ug/kg	1.0	0.29	1
n-Butylbenzene	ND	UR	ug/kg	1.0	0.17	1
sec-Butylbenzene	ND	UJ-	ug/kg	1.0	0.15	1
tert-Butylbenzene	ND	UJ-	ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND	UJ-	ug/kg	3.1	1.0	1
Isopropylbenzene	ND	UJ-	ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND	UJ-	ug/kg	1.0	0.11	1
n-Propylbenzene	ND	UJ-	ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND	UR	ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND	UR	ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND	UJ-	ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND	UJ-	ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	0.99	1
Cyclohexane	ND	UJ-	ug/kg	10	0.56	1
Freon-113	ND		ug/kg	4.2	0.72	1
Methyl cyclohexane	ND	UJ-	ug/kg	4.2	0.63	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01

Date Collected: 12/27/24 14:00

Client ID: EB-01

Date Received: 12/27/24

Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

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	104		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02  
 Client ID: ESW-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:15  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/03/25 16:08  
 Analyst: LAC  
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.9	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.99	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	3.9	0.68	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
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.49	0.16	1
Benzene	ND		ug/kg	0.49	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	3.9	0.92	1
Bromomethane	ND		ug/kg	2.0	0.57	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.49	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-02**Date Collected:** 12/27/24 14:15**Client ID:** ESW-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.14	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	ND		ug/kg	0.99	0.17	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.90	1
Acetone	ND		ug/kg	9.9	4.7	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		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
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	3.9	0.94	1
Cyclohexane	ND		ug/kg	9.9	0.54	1
Freon-113	ND		ug/kg	3.9	0.68	1
Methyl cyclohexane	ND		ug/kg	3.9	0.59	1

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-02**Date Collected:** 12/27/24 14:15**Client ID:** ESW-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**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	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03  
 Client ID: ESW-02  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:30  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8260D  
 Analytical Date: 01/03/25 16:34  
 Analyst: LAC  
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	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	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-03**Date Collected:** 12/27/24 14:30**Client ID:** ESW-02**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.97	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.4	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.30	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.12	1
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
Methyl Acetate	ND		ug/kg	4.2	1.0	1
Cyclohexane	ND		ug/kg	10	0.58	1
Freon-113	ND		ug/kg	4.2	0.73	1
Methyl cyclohexane	ND		ug/kg	4.2	0.64	1

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03

Date Collected: 12/27/24 14:30

Client ID: ESW-02

Date Received: 12/27/24

Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

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	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01  
 Client ID: EB-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:00  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/04/25 11:41  
 Analyst: JG  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	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
3,3'-Dichlorobenzidine	ND	UR	ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	58	J	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	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	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	39	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1





**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-01**Date Collected:** 12/27/24 14:00**Client ID:** EB-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	43	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	35	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	30	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	34	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	26	J	ug/kg	140	25.	1
Pyrene	52	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
Aniline	ND		ug/kg	210	84.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND	UR	ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND	UR	ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-01**Date Collected:** 12/27/24 14:00**Client ID:** EB-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	240	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND	UJ-	ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	57		18-120

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02  
 Client ID: ESW-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:15  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/04/25 11:16  
 Analyst: JG  
 Percent Solids: 82%

Extraction Method: EPA 3546  
 Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	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
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	ND		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	220	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	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	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
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-02**Date Collected:** 12/27/24 14:15**Client ID:** ESW-01**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
Aniline	ND		ug/kg	240	94.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02

Date Collected: 12/27/24 14:15

Client ID: ESW-01

Date Received: 12/27/24

Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	260	54.	1
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND	UJ-	ug/kg	30	9.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	54		18-120

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03  
 Client ID: ESW-02  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:30  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8270E  
 Analytical Date: 01/03/25 02:26  
 Analyst: SMZ  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 12/31/24 09:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	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
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	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	220	31.	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	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	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	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-03**Date Collected:** 12/27/24 14:30**Client ID:** ESW-02**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	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	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
Aniline	ND		ug/kg	220	85.	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	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	63.	1



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2476274-03**Date Collected:** 12/27/24 14:30**Client ID:** ESW-02**Date Received:** 12/27/24**Sample Location:** 52-54 CANAL ST. LYONS, NEW YORK**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzaldehyde	ND		ug/kg	240	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND	UJ-	ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		25-120
Phenol-d6	36		10-120
Nitrobenzene-d5	27		23-120
2-Fluorobiphenyl	31		30-120
2,4,6-Tribromophenol	33		10-136
4-Terphenyl-d14	36		18-120



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-01  
 Client ID: EB-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:00  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 01:06  
 Analyst: MEO  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 08:00  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/02/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	51.3	4.56	1	A
Aroclor 1221	ND		ug/kg	51.3	5.14	1	A
Aroclor 1232	ND		ug/kg	51.3	10.9	1	A
Aroclor 1242	ND		ug/kg	51.3	6.92	1	A
Aroclor 1248	ND		ug/kg	51.3	7.70	1	A
Aroclor 1254	ND		ug/kg	51.3	5.61	1	A
Aroclor 1260	ND		ug/kg	51.3	9.48	1	A
Aroclor 1262	ND		ug/kg	51.3	6.52	1	A
Aroclor 1268	ND		ug/kg	51.3	5.32	1	A
PCBs, Total	ND		ug/kg	51.3	4.56	1	A

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

**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-02  
 Client ID: ESW-01  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:15  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 01:28  
 Analyst: MEO  
 Percent Solids: 82%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 08:00  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/02/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.1	5.07	1	A
Aroclor 1221	ND		ug/kg	57.1	5.72	1	A
Aroclor 1232	ND		ug/kg	57.1	12.1	1	A
Aroclor 1242	ND		ug/kg	57.1	7.69	1	A
Aroclor 1248	ND		ug/kg	57.1	8.56	1	A
Aroclor 1254	ND		ug/kg	57.1	6.24	1	A
Aroclor 1260	ND		ug/kg	57.1	10.5	1	A
Aroclor 1262	ND		ug/kg	57.1	7.25	1	A
Aroclor 1268	ND		ug/kg	57.1	5.91	1	A
PCBs, Total	ND		ug/kg	57.1	5.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	60		30-150	B



**Project Name:** 52-54 CANAL ST, LYONS**Lab Number:** L2476274**Project Number:** 037112**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2476274-03  
 Client ID: ESW-02  
 Sample Location: 52-54 CANAL ST. LYONS, NEW YORK

Date Collected: 12/27/24 14:30  
 Date Received: 12/27/24  
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil  
 Analytical Method: 1,8082A  
 Analytical Date: 01/03/25 01:36  
 Analyst: MEO  
 Percent Solids: 91%

Extraction Method: EPA 3546  
 Extraction Date: 01/02/25 08:00  
 Cleanup Method: EPA 3665A  
 Cleanup Date: 01/02/25  
 Cleanup Method: EPA 3660B  
 Cleanup Date: 01/02/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.5	4.48	1	A
Aroclor 1221	ND		ug/kg	50.5	5.06	1	A
Aroclor 1232	ND		ug/kg	50.5	10.7	1	A
Aroclor 1242	ND		ug/kg	50.5	6.81	1	A
Aroclor 1248	ND		ug/kg	50.5	7.58	1	A
Aroclor 1254	ND		ug/kg	50.5	5.52	1	A
Aroclor 1260	ND		ug/kg	50.5	9.33	1	A
Aroclor 1262	ND		ug/kg	50.5	6.41	1	A
Aroclor 1268	ND		ug/kg	50.5	5.23	1	A
PCBs, Total	ND		ug/kg	50.5	4.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	60		30-150	B

## **SECTION 3**

### **LABORATORY CASE NARRATIVES**

**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

### 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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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.

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**Project Name:** 52-54 CANAL ST, LYONS  
**Project Number:** 037112

**Lab Number:** L2476274  
**Report Date:** 01/24/25

### Case Narrative (continued)

#### Report Revision

January 24, 2025: At the client's request, the Volatile Organics and Semivolatile Organics reporting lists have been changed.

#### Report Submission

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


#### Semivolatile Organics

The WG2015218-4/-5 MS/MSD recoveries, performed on L2476274-01, are below the acceptance criteria for 3,3'-dichlorobenzidine (13%/9%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

The WG2015218-4/-5 MS/MSD recoveries, performed on L2476274-01, is below the acceptance criteria for 2,4-dinitrophenol (0%/0%) and 4,6-dinitro-o-cresol (7%); however, they have been identified as "difficult" analytes. The results of the associated sample 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:

 Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/24/25

**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

### 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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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.

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**Project Name:** 52-54 CANAL ST LYONS  
**Project Number:** 037112

**Lab Number:** L2476426  
**Report Date:** 01/27/25

### Case Narrative (continued)

#### Report Revision

January 27, 2025: At the client's request, the Volatile Organics and Semivolatile Organics reporting lists have been changed.

#### Report Submission

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

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: 01/27/25



## **SECTION 4**

### **CHAIN-OF-CUSTODY RECORDS, RECEIPT INFORMATION, AND PROJECT CORRESPONDENCE**



