ASBESTOS, LEAD PAINT, AND PCB CAULK SURVEY REPORT

Pre-Demolition RBM Survey
Vacant Structure
88 Canal Street
Lyons, New York

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Prepared For:

Montrose Environmental
100 S. Clinton Avenue, Suite 2330
Rochester, New York

Prepared By:

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

January 2025

Project No. 50514-12

ASBESTOS, LEAD PAINT, AND PCB CAULK SURVEY REPORT

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88 Canal Street
Lyons, New York

TABLE OF CONTENTS

ATTACHMENTS

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 88 Canal Street, in Lyons, New York. This survey was performed in anticipation of upcoming demolition of the building.

The asbestos, lead paint, and PCB caulk survey was conducted on November 20, 2024, and November 22, 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.

One hundred-four (104) 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 20, 2024, and November 22, 2024.

A total of four (4) 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

Five (5) 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	White Paint	Poor	NF	NAD
2	Maroon Paint	Poor	NF	NAD
3	White Caulk	Poor	NF	NAD
4	Grey Stucco	Poor	NF	NAD
5	***White Plaster Skim Coat***	***Intact***	***F***	***Chrysotile 2.0%***
6	Grey Plaster Rough Coat	Intact	F	NAD
7	Dark Grey Caulk	Intact	NF	NAD
8	Brown Caulk	Intact	NF	NAD
9	Grey CMU Block	Intact	NF	NAD
10	Grey Mortar	Intact	NF	NAD
11	Light Grey Caulk	Intact	NF	NAD
12	Blue Paint	Poor	NF	NAD
13	Black/Brown Roof Shingle	Intact	NF	NAD
14	Black Starter Strip	Intact	NF	NAD
15	Black EPDM Roofing	Intact	NF	NAD

Homogeneous Area No. (HA)	Description	Condition	Friability	Asbestos Content
16	Black Roofing Pitch	Intact	NF	NAD
17	Brown Fiberboard	Intact	NF	NAD
18	***Silver/Black Coating***	***Poor***	***NF***	***Chrysotile 5.5%***
19	Black Tar	Poor	NF	NAD
20	Grey Caulk	Poor	NF	Trace Chrysotile <1.0%
21	Red Concrete Block	Poor	NF	NAD
22	Grey Mortar	Poor	NF	NAD
23	Black 12”x12” Pattern Vinyl Flooring	Poor	NF	NAD
24	Yellow Adhesive	Poor	NF	NAD
25	White Textured Paint	Poor	NF	NAD
26	Grey Drywall	Intact	F	NAD
27	White Joint Compound	Intact	F	NAD
28	White 2’x2’ Suspended Ceiling Tile	Intact	NF	NAD
29	White with Black Streaks 12”x12” Floor Tile	Poor	NF	NAD
30	Yellow/White Carpet Adhesive	Intact	NF	NAD
31	White with Blue and Red Streaks 12”x12” Floor Tile	Poor	NF	NAD
32	Maroon with Black Streaks 9”x9” Floor Tile	Poor	NF	NAD
33	Brown Floor Leveler	Poor	NF	NAD
34	Yellow Floor Tile Mastic	Poor	NF	NAD
35	Black Cove Base	Intact	NF	NAD
36	White Floor Leveler	Poor	NF	NAD
37	Tan Cove Base Mastic	Intact	NF	NAD
38	White Marble Patterned 12”x12” Floor Tile	Intact	NF	NAD
39	White 2’x4’ Suspended Ceiling Tile	Intact	NF	NAD
40	Grey Cove Base	Intact	NF	NAD
41	Red Quarry Tile	Poor	NF	NAD
42	Grey Grout	Poor	NF	NAD
43	Brown Adhesive	Poor	NF	NAD
44	Brown Fiberboard	Intact	NF	NAD
45	Tan Adhesive	Intact	NF	NAD
46	White Plaster Skim Coat	Intact	F	NAD
47	Grey Plaster Rough Coat	Intact	F	NAD
48	Tan 12”x12” Ceiling Tile	Poor	NF	NAD

Homogeneous Area No. (HA)	Description	Condition	Friability	Asbestos Content
49	Grey Drywall	Intact	F	NAD
50	Black Rolled Roofing	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 four (4) 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-1	White Paint	<0.00493
LP-2	Maroon Paint	<0.00588
LP-12	Blue Paint	<0.00455
LP-25	White Paint	<0.00476

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-3	White Caulk	ND	No

PCB-7	Dark Grey Caulk	ND	No
PCB-8	Brown Caulk	ND	No
PCB-11	Light Grey Caulk	ND	No
PCB-20	Grey Caulk	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
5	White Plaster Skim Coat, on North, West, and South Exterior	814 SF
18	Silver/Black Coating on North Roof (On Air Duct, East Parapet, Electrical Conduits, Vent Pipe, and Steel Support Pole)	96 SF

SF = Square Feet
LF = Linear Feet

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.

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. Additional quantities may exist above ceilings, behind walls or in areas of the building beyond the scope of the survey.

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-demolition 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.

NYCRR 56 requires that a copy of this survey be submitted to the local agency where the demolition permit will be issued and the regional office of the New York State Department of Labor. Upon acceptance of this report, Lu Engineers can submit this report to the NYSDOL upon request of the client.

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^3) of air averaged over an eight hour period.

There was no lead paint identified as part of this survey.

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
88 CANAL STREET
LYONS, NEW YORK

WE ARE YOUR DOL

NEW YORK STATE | 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

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

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

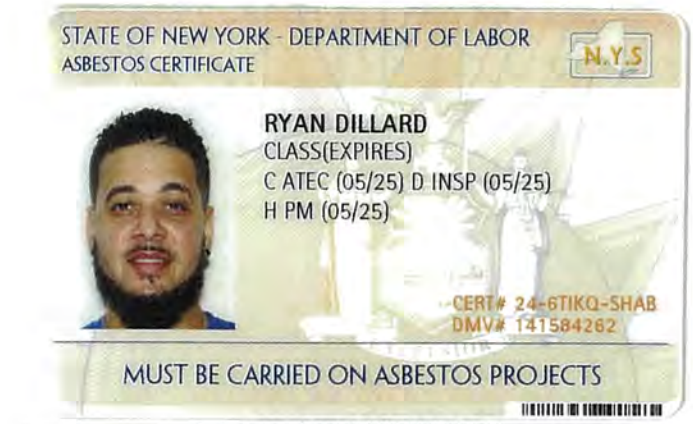
is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

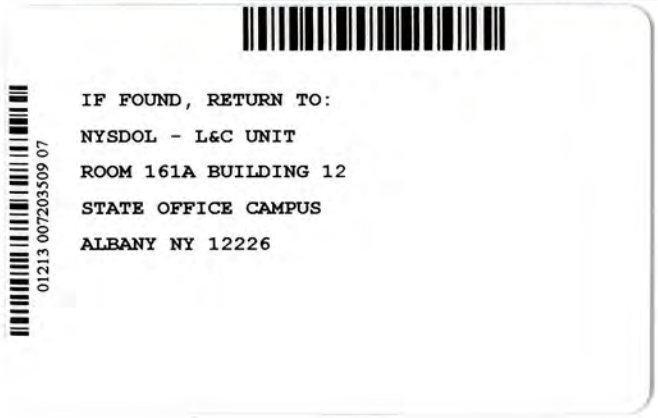
Chlorinated Hydrocarbon Pesticides	
Chlordane Total	NIOSH 5510
Metals I	
Lead, Total	NIOSH 7082
Metals II	
Mercury, Total	NIOSH 6009
Miscellaneous	
Asbestos	40 CFR 763 APX A No. III
	YAMATE,AGARWAL GIBB
	NIOSH 7402
Fibers	NIOSH 7400 A RULES
Particulate Matter	40 CFR PART 50 APP B
	40 CFR PART 50 APP J (PM10)
Polychlorinated Biphenyls	
PCBs and Aroclors	NIOSH 5503
Sample Preparation Methods	
	40 CFR PART 50 APP G

Serial No.: 68608

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

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

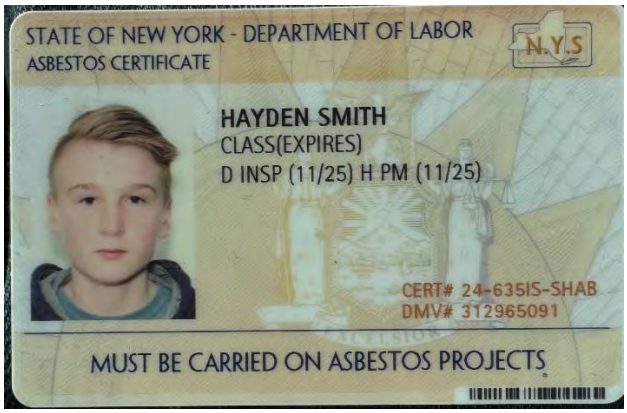

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE
N.Y.S
RYAN DILLARD
CLASS(EXPIRES)
C ATEC (05/25) D INSP (05/25)
H PM (05/25)
CERT# 24-6TIKQ-SHAB
DMV# 141584262
MUST BE CARRIED ON ASBESTOS PROJECTS

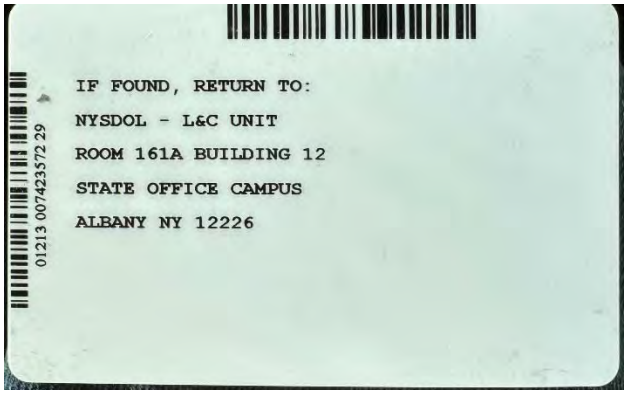

IF FOUND, RETURN TO:
NYSDOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12226
01213 007203509 07

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

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

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





HAYDEN SMITH
C – Air Sampling Technician
D – Inspector
H – Project Monitor

ATTACHMENT B

Roof Core Profiles

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ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE
88 CANAL STREET
LYONS, NEW YORK

ROOF CORE PROFILES

Pre-Demolition RBM Survey
Vacant Structure
88 Canal Street, Lyons, New York
January 2025

Core #1 – South Roof – 1" Depth

- Black/Brown Shingle
- Black/Brown Shingle
- Black/Brown Shingle
- Black Starter Strip
- Wood Deck

Core #2 – North Roof – 2" Depth

- EPDM
- Black Pitch (Edges Only)
- Brown Fiberboard
- Wood Deck

Lu Project #50514-12

Lu Engineers
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Note:

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

ATTACHMENT C

Sample Location Plans,
Analytical Reports and
Chain of Custody Forms

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ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE
88 CANAL STREET
LYONS, NEW YORK

BULK SAMPLE LOCATION PLAN
(Interior)

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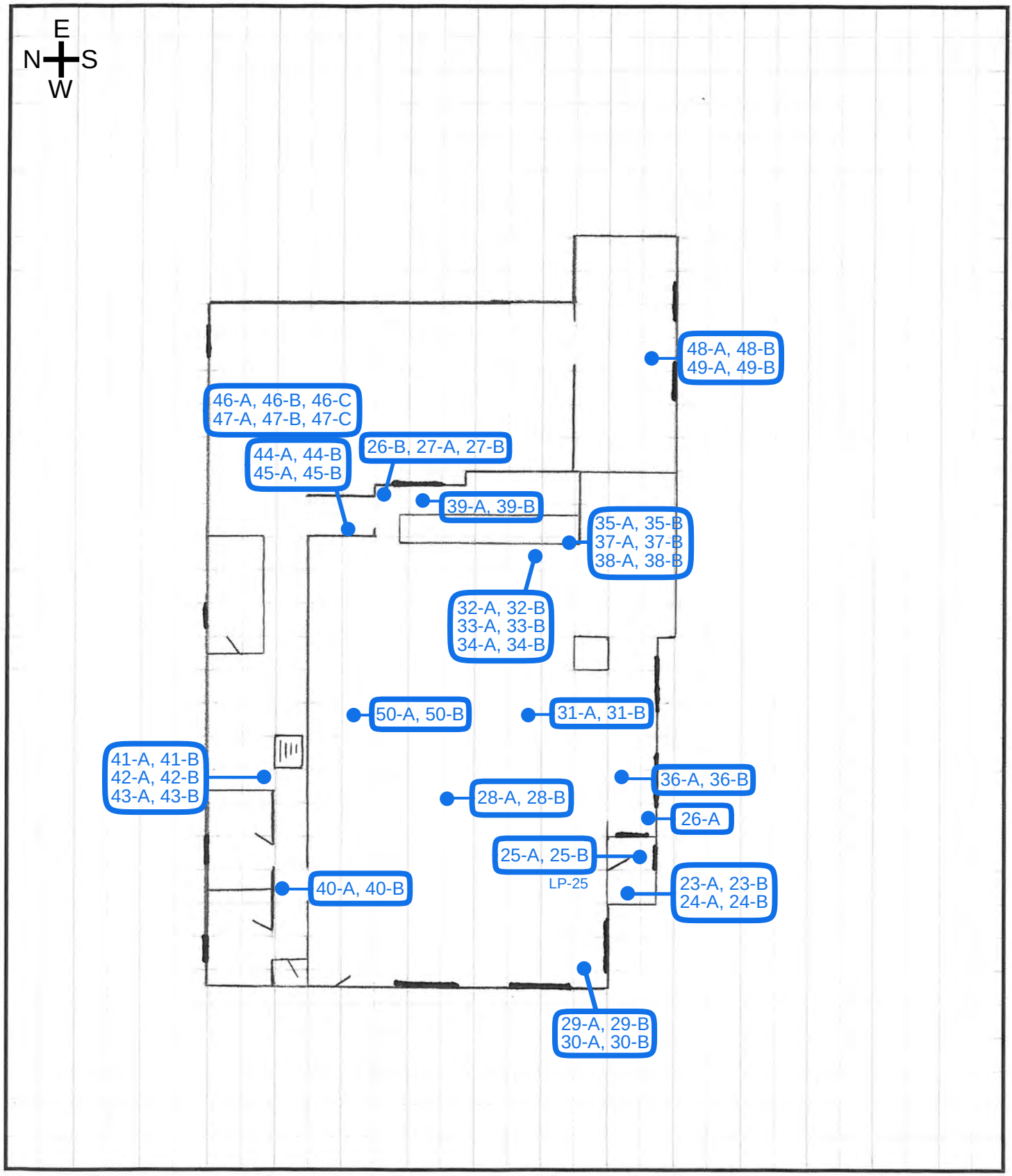

LEGEND: ● # = Approximate location of Bulk Sample

BULK SAMPLE LOCATION PLAN
(Exterior)

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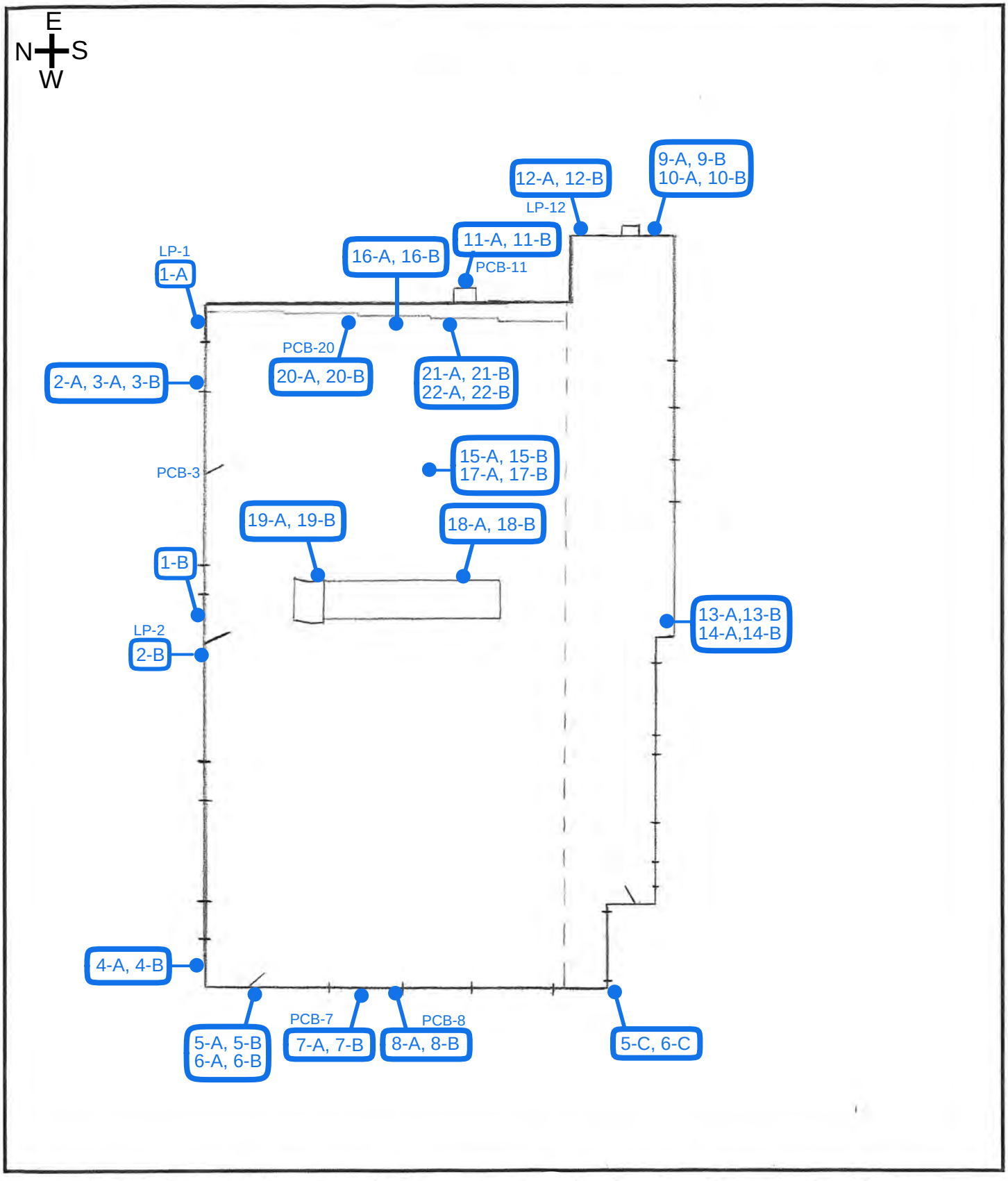

LEGEND: ● # = Approximate location of Bulk Sample

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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
1-A	80133	Northeast Corner Exterior	White Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
1-B	80134	North-Center Exterior	White Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
2-A	80135	Northeast Exterior on Metal Window Frame	Maroon Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
2-B	80136	North Exterior Above Door	Maroon Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
3-A	80137	Northeast Exterior on Metal Window Frame	White Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
3-B	80138	Northeast Exterior on Metal Window Frame	White Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
4-A	80139	Northwest Exterior	Gray Stucco	None Detected	0%		Not Required	N/A	Fiberglass 5%	95%
4-B	80140	Northwest Exterior	Gray Stucco	None Detected	0%		Not Required	N/A	Fiberglass 5%	95%
5-A	80141	West Exterior Above Door	White Plaster Skim Coat	Chrysotile 2.0%	2.0%		Not Required	N/A	None Detected	98%
5-B	80142	West Exterior Above Door	White Plaster Skim Coat	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A

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.
Ṽ 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).

NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #221797
PLM Analyst: K Acosta
Date of Analysis: 11/26/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: F. Weinman
Date of Analysis: 12/2/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee Fernanda Weinman

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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
5-C	80143	Southwest Corner Exterior	White Plaster Skim Coat	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
6-A	80144	West Exterior Above Door	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	None Detected	100%
6-B	80145	West Exterior Above Door	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	None Detected	100%
6-C	80146	Southwest Corner Exterior	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	None Detected	100%
7-A	80147	West Exterior on Wooden Window Frame	Dark Gray Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
7-B	80148	West Exterior on Wooden Window Frame	Dark Gray Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
8-A	80149	West Exterior on Metal Window Frame	Brown Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
8-B	80150	West Exterior on Metal Window Frame	Brown Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
9-A	80151	Southeast Corner Exterior	Gray CMU Block	None Detected	0%		Not Required	N/A	None Detected	100%
9-B	80152	Southeast Corner Exterior	Gray CMU Block	None Detected	0%		Not Required	N/A	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).

NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: F. Weinman
Date of Analysis: 12/2/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee
Fernanda Weinman

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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
10-A	80153	Southeast Corner Exterior	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
10-B	80154	Southeast Corner Exterior	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
11-A	80155	East Exterior on Electrical Conduit Below Suspended AC Unit	Light Gray Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
11-B	80156	East Exterior on Electrical Conduit Below Suspended AC Unit	Light Gray Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
12-A	80157	Southeast Exterior	Blue Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
12-B	80158	Southeast Exterior	Blue Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
13-A	80159a	South Roof	Black/Brown Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 20%	80%
13-A	80159b	South Roof	Black Fibrous Roofing Shingle	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 30%	70%
13-B	80160a	South Roof	Black/Brown Fibrous Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 25%	75%
13-B	80160b	South Roof	Black Fibrous Roofing Shingle	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 35%	65%

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NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By: Fernanda Weinman
Asbestos Technical Director or Designee

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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
14-A	80161	South Roof	Black Starter Strip	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
14-B	80162	South Roof	Black Starter Strip	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%

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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).

NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee
Fernanda Weinman

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

Client: Lu Engineers
Location: Pre-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
15-A	80163	North Roof	Black EPDM Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
15-B	80164	North Roof	Black EPDM Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
16-A	80165	Northeast Edge of Roof at Parapet Under HA #15	Black Roofing Pitch	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
16-B	80166	Northeast Edge of Roof at Parapet Under HA #15	Black Roofing Pitch	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 1%	99%
17-A	80167	North Roof Under HA #15	Brown Fibrous Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
17-B	80168	North Roof Under HA #15	Brown Fibrous Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
18-A	80169	North Roof on Air Duct System	Silver/Black Coating	Chrysotile 5.5%	5.5%	√	Not Required	N/A	None Detected	94.5%
18-B	80170	North Roof on Air Duct System	Silver/Black Coating	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A
19-A	80171	North Roof on Air Duct System	Black Tar	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
19-B	80172	North Roof on Air Duct System	Black Tar	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%

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NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee
Fernanda Weinman

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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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
20-A	80173	Northeast Roof in Parapet Block Joints	Gray Caulk	Inconclusive Trace Chrysotile Detected	<1.0%	√	Trace Chrysotile <1.0%	<1.0%	None Detected	100%
20-B	80174	Northeast Roof in Parapet Block Joints	Gray Caulk	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
21-A	80175	Roof Northeast on Parapet	Red Concrete Block	None Detected	0%		Not Required	N/A	None Detected	100%
21-B	80176	Northeast Roof on Parapet	Red Concrete Block	None Detected	0%		Not Required	N/A	None Detected	100%
22-A	80177	Northeast Roof on Parapet	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
22-B	80178	Northeast Roof on Parapet	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
23-A	80179	Main Entrance Interior Floor	Black 12"x12" Patterned Vinyl Flooring	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 4%	96%
23-B	80180	Main Entrance Interior Floor	Black 12"x12" Patterned Vinyl Flooring	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 3%	97%
24-A	80181	Main Entrance Interior Floor Under HA #23	Yellow Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
24-B	80182	Main Entrance Interior Floor Under HA #23	Yellow Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%

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NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By: Fernanda Weinman
Asbestos Technical Director or Designee

PARADIGM
ENVIRONMENTAL SERVICES

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

Client: Lu Engineers
Location: Pre-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
25-A	80183	Main Entrance Interior Ceiling	White Textured Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
25-B	80184	Main Entrance Interior Ceiling	White Textured Paint	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
26-A	80185	Dining Room South Wall	Gray Drywall	None Detected	0%		Not Required	N/A	Cellulose 4% Fiberglass 1%	95%
26-B	80186	Dining Room East Wall Behind Service Counter	Gray Drywall	None Detected	0%		Not Required	N/A	Cellulose 4% Fiberglass 1%	95%
27-A	80187	Dining Room East Wall Behind Service Counter	White Joint Compound	None Detected	0%		Not Required	N/A	None Detected	100%
27-B	80188	Dining Room East Wall Behind Service Counter	White Joint Compound	None Detected	0%		Not Required	N/A	None Detected	100%
28-A	80189	Dining Room Ceiling	White Fibrous 2'x2' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 50%	50%
28-B	80190	Dining Room Ceiling	White Fibrous 2'x2' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 50%	50%
29-A	80191	Dining Room Southwest Corner	White/Black Streaked 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
29-B	80192	Dining Room Southwest Corner	White/Black Streaked 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%

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NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee Fernanda Weinman

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ENVIRONMENTAL SERVICES

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

Client: Lu Engineers
Location: Pre-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24
Page: 8 of 23

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 %
30-A	80193	Dining Room Southwest Corner	Yellow/White Carpet Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
30-B	80194	Dining Room Southwest Corner	Yellow/White Carpet Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
31-A	80195	Dining Room Floor Under HA #29	White/Blue/Red Streaked 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
31-B	80196	Dining Room Floor Under HA #29	White/Blue/Red Streaked 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
32-A	80197	Dining Room Floor by Service Counter Under HA #29	Maroon/Black Streaked 9"x9" Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
32-B	80198	Dining Room Floor by Service Counter Under HA #29	Maroon/Black Streaked 9"x9" Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
33-A	80199	Dining Room Floor by Service Counter	Brown Floor Leveler	None Detected	0%		Not Required	N/A	None Detected	100%
33-B	80200	Dining Room Floor by Service Counter	Brown Floor Leveler	None Detected	0%		Not Required	N/A	None Detected	100%
34-A	80201	Dining Room Floor by Service Counter on Wood Substrate Under HA #29	Yellow Floor Tile Mastic	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
34-B	80202	Dining Room Floor by Service Counter on Wood Substrate Under HA #29	Yellow Floor Tile Mastic	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%

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NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By: Fernanda Weinman
Asbestos Technical Director or Designee

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

Client: Lu Engineers
Location: Pre-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
35-A	80203	Dining Room by Service Counter	Black Cove Base	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
35-B	80204	Dining Room by Service Counter	Black Cove Base	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
36-A	80205	Dining Room by South Wall	White Floor Leveler	None Detected	0%		Not Required	N/A	None Detected	100%
36-B	80206	Dining Room by South Wall	White Floor Leveler	None Detected	0%		Not Required	N/A	None Detected	100%
37-A	80207	Dining Room by Service Counter	Tan Cove Base Mastic	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
37-B	80208	Dining Room by Service Counter	Tan Cove Base Mastic	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
38-A	80209	Dining Room by Service Counter	White Marbled Patterned 12"x12" Peel and Stick Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
38-B	80210	Dining Room by Service Counter	White Marbled Patterned 12"x12" Peel and Stick Floor Tile	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
39-A	80211	Dining Room Behind Service Counter	White Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 30%	70%
39-B	80212	Dining Room Behind Service Counter	White Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 30%	70%

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.
V̌ 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).

NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By: Fernanda Weinman
Asbestos Technical Director or Designee

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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
40-A	80213	Hallway Outside of Restrooms	Gray Cove Base	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
40-B	80214	Hallway Outside of Restrooms	Gray Cove Base	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
41-A	80215	Kitchen Floor by Basement Entrance	Red Quarry Tile	None Detected	0%		Not Required	N/A	None Detected	100%
41-B	80216	Kitchen Floor by Basement Entrance	Red Quarry Tile	None Detected	0%		Not Required	N/A	None Detected	100%
42-A	80217	Kitchen Floor by Basement Entrance	Gray Grout	None Detected	0%		Not Required	N/A	None Detected	100%
42-B	80218	Kitchen Floor by Basement Entrance	Gray Grout	None Detected	0%		Not Required	N/A	None Detected	100%
43-A	80219	Kitchen Floor by Basement Entrance Under HA #41	Brown Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
43-B	80220	Kitchen Floor by Basement Entrance Under HA #41	Brown Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
44-A	80221	Kitchen Entrance West Wall	Brown Fibrous Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 99%	1%
44-B	80222	Kitchen Entrance West Wall	Brown Fibrous Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 99%	1%

KEY TO NOB COLUMN SYMBOLS
No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).
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Ṽ 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."Jor EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200530-0).

NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee Fernanda Weinman

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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
45-A	80223	Kitchen Entrance West Wall Behind HA #44	Tan Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
45-B	80224	Kitchen Entrance West Wall Behind HA #44	Tan Adhesive	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	None Detected	100%
46-A	80225	Kitchen Entrance West Wall Behind HA #44	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	None Detected	100%
46-B	80226	Kitchen Entrance West Wall Behind HA #44	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	None Detected	100%
46-C	80227	Kitchen Entrance West Wall Behind HA #44	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	None Detected	100%
47-A	80228	Kitchen Entrance West Wall Behind HA #44	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	None Detected	100%
47-B	80229	Kitchen Entrance West Wall Behind HA #44	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	None Detected	100%
47-C	80230	Kitchen Entrance West Wall Behind HA #44	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	None Detected	100%
48-A	80231	Kitchen Supply Room	Tan Fibrous 12"x12" Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 35%	65%
48-B	80232	Kitchen Supply Room	Tan Fibrous 12"x12" Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 35%	65%

KEY TO NOB COLUMN SYMBOLS
No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).
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Ṽ 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).

NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By: Fernanda Weinman
Asbestos Technical Director or Designee

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-Demo Survey
88 Canal Street, Lyons, New York
Sample Date: 11/20/2024

Job No: 9176-24

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 %
49-A	80233	Kitchen Supply Room Ceiling Under HA #48	Gray Drywall	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
49-B	80234	Kitchen Supply Room Ceiling Under HA #48	Gray Drywall	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
50-A	80235	Basement Floor Surplus	Black Fibrous Rolled Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 50%	50%
50-B	80236	Basement Floor Surplus	Black Fibrous Rolled Roofing	Inconclusive No Asbestos Detected	0%	√	None Detected	<1.0%	Fiberglass 40%	60%

KEY TO NOB COLUMN SYMBOLS
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Ṽ 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.
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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).

NVLAP TESTING

ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874
PLM Analyst: T. Bush
Date of Analysis: 11/27/2024

Microscope: JEOL-100CX-II #EM-156094-87
TEM Analyst: A. Voldbakken
Date of Analysis: 12/3/2024

Laboratory Results Approved By: Fernanda Weinman
Asbestos Technical Director or Designee

Bulk Sample Chain of Custody

9176-24 10pm

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 13823
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: 179 Lake Avenue Rochester, New York
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Turn Around Time** 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
1-A	Northeast Corner Exterior	White Paint		80133
1-B	North-center Exterior	White Paint		134
2-A	Northeast Exterior, on Metal Window Frame	Maroon Paint		135
2-B	North Exterior, Above Door	Maroon Paint		136
3-A	Northeast Exterior, on Metal Window Frame	White Caulk		137
3-B	Northeast Exterior, on Metal Window Frame	White Caulk		138
4-A	Northwest Exterior	Grey Stucco		139
4-B	Northwest Exterior	Grey Stucco		140
5-A	West Exterior, Above Door	White Plaster Skim Coat		141
5-B	West Exterior, Above Door	White Plaster Skim Coat		142

Date Sampled: 11/20/24

Inspector: R. Dillard / H. Smith

Relinquished By _____ Date/Time 11/25/24

Received By Emerson Burgess Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9/26-24 2 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 14823
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: 179 Lake Avenue Rochester, New York
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Turn Around Time** 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
5-C	Southwest Corner Exterior	White Plaster Skim Coat		80143
6-A	West Exterior, Above Door	Grey Plaster Rough Coat		144
6-B	West Exterior, Above Door	Grey Plaster Rough Coat		145
6-C	Southwest Corner Exterior	Grey Plaster Rough Coat		146
7-A	West Exterior, on Wooden Window Frame	Dark Grey Caulk		147
7-B	West Exterior, on Wooden Window Frame	Dark Grey Caulk		148
8-A	West Exterior, on Metal Window Frame	Brown Caulk		149
8-B	West Exterior, on Metal Window Frame	Brown Caulk		150
9-A	Southeast Corner Exterior	Grey CMU Block		151
9-B	Southeast Corner Exterior	Grey CMU Block		152

Date Sampled: 11/20/24

Inspector: R. Dillard / H. Smith

Relinquished By _____ Date/Time 11-20-24

Received By Cameron Bugler Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

4176-24 3 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 15 & 23
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: **179 Lake Avenue** **Rochester, New York**
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Turn Around Time** 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
10-A	Southeast Corner Exterior	Grey Mortar		80153
10-B	Southeast Corner Exterior	Grey Mortar		154
11-A	East Exterior, on Electrical Conduit	Light Grey Caulk	Below Suspended AC Unit	155
11-B	East Exterior, on Electrical Conduit	Light Grey Caulk	Below Suspended AC Unit	156
12-A	Southeast Exterior	Blue Paint		157
12-B	Southeast Exterior	Blue Paint		158
13-A	* ~~Black/Brown Roof Shingle~~ South Roof	* ~~South Roof~~ Blk/Brown Roof Shingle		159AB
13-B	* ~~Black/Brown Roof Shingle~~ South Roof	* ~~South Roof~~ Blk/Brown Roof Shingle		160AB
14-A	* ~~Black Starter Strip~~ South Roof	* ~~South Roof~~ Black Starter Strip		161
14-B	* ~~Black Starter Strip~~ South Roof	* ~~South Roof~~ Black Starter Strip		162

* see to all fw 12.3.24 per R.D.

Date Sampled: 11-20-24

Inspector: R. Dillard / H. Smith

Relinquished By _____ Date/Time 11/25/24

Received By _____ Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9176-24 4 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 16823a
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: 179 Lake Avenue Rochester, New York
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Turn Around Time** 12.4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
15-A	North Roof	Black EPDM Roofing		80163
15-B	North Roof	Black EPDM Roofing		164
16-A	Northeast Edge of Roof, at Parapet	Black Roofing Pitch	Under HA# 15	165
16-B	Northeast Edge of Roof, at Parapet	Black Roofing Pitch	Under HA# 15	166
17-A	North Roof	Brown Fiberboard	Under HA# 15	167
17-B	North Roof	Brown Fiberboard	Under HA# 15	168
18-A	North Roof, on Air Duct System	Silver/Black Coating		169
18-B	North Roof, on Air Duct System	Silver/Black Coating		170
19-A	North Roof, on Air Duct System	Black Tar		171
19-B	North Roof, on Air Duct System	Black Tar		172

Date Sampled: 11/20/24

Inspector: R. Dillard / H. Smith

Relinquished By [signature] Date/Time 11/25/24

Received By Emerson Burgess Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9176-24 5 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

17823-3

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12**
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Laboratory Address:** 179 Lake Avenue Rochester, New York
Turn Around Time 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
20-A	Northeast Roof, in Parapet Block Joints	Grey Caulk		80173
20-B	Northeast Roof, in Parapet Block Joints	Grey Caulk		174
21-A	Roof Northeast, on Parapet	Red Concrete Block		175
21-B	Northeast Roof, on Parapet	Red Concrete Block		176
22-A	Northeast Roof, on Parapet	Grey Mortar		177
22-B	Northeast Roof, on Parapet	Grey Mortar		178
23-A	Main Entrance Interior Floor	Black 12"x12" Pattern Vinyl Flooring		179
23-B	Main Entrance Interior Floor	Black 12"x12" Pattern Vinyl Flooring		180
24-A	Main Entrance Interior Floor	Yellow Adhesive	Under HA# 23	181
24-B	Main Entrance Interior Floor	Yellow Adhesive	Under HA# 23	182

Date Sampled: 11/20/24 + 11/22/24

Inspector: R. Dillard / H. Smith

Relinquished By _____ Date/Time 11/25/24

Received By _____ Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9176-24 6 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 18 & 23
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604** Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: 179 Lake Avenue Rochester, New York
	Turn Around Time 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
25-A	Main Entrance Interior Ceiling	White Textured Paint		80183
25-B	Main Entrance Interior Ceiling	White Textured Paint		184
26-A	Dining Room, South Wall	Grey Drywall		185
26-B	Dining Room, East Wall, Behind Service Counter	Grey Drywall		186
27-A	Dining Room, East Wall, Behind Service Counter	White Joint Compound		187
27-B	Dining Room, East Wall, Behind Service Counter	White Joint Compound		188
28-A	Dining Room Ceiling	White 2'x2' Suspended Ceiling Tile		189
28-B	Dining Room Ceiling	White 2'x2' Suspended Ceiling Tile		190
29-A	Dining Room, Southwest Corner	White with Black Streaks 12"x12" Floor Tile		191
29-B	Dining Room, Southwest Corner	White with Black Streaks 12"x12" Floor Tile		192

Date Sampled: 11/22/24

Inspector: R. Dillard / H. Smith

Relinquished By _____ Date/Time 11/25/24

Received By _____ Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9176-24 7 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 19 of 23
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: 179 Lake Avenue Rochester, New York
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Turn Around Time** 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
30-A	Dining Room, Southwest Corner	Yellow/White Carpet Adhesive		80193
30-B	Dining Room, Southwest Corner	Yellow/White Carpet Adhesive		194
31-A	Dining Room Floor	White with Blue and Red Streaks 12"x12" Floor Tile	Under HA# 29	195
31-B	Dining Room Floor	White with Blue and Red Streaks 12"x12" Floor Tile	Under HA# 29	196
32-A	Dining Room Floor, by Service Counter	Maroon with Black Streaks 9"x9" Floor Tile	Under HA# 29	197
32-B	Dining Room Floor, by Service Counter	Maroon with Black Streaks 9"x9" Floor Tile	Under HA# 29	198
33-A	Dining Room Floor, by Service Counter	Brown Floor Leveler		199
33-B	Dining Room Floor, by Service Counter	Brown Floor Leveler		200
34-A	Dining Room Floor, by Service Counter	Yellow Floor Tile Mastic	On Wood Substrate, Under HA# 29	201
34-B	Dining Room Floor, by Service Counter	Yellow Floor Tile Mastic	On Wood Substrate, Under HA# 29	202

Date Sampled: 11/22/24

Inspector: R. Dillard / H. Smith

Relinquished By _____ Date/Time 11/25/24

Received By Cameron Bigger Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9176-24 8 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 20231
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: 179 Lake Avenue Rochester, New York
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Turn Around Time** 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
35-A	Dining Room, by Service Counter	Black Cove Base		80203
35-B	Dining Room, by Service Counter	Black Cove Base		204
36-A	Dining Room, by South Wall	White Floor Leveler		205
36-B	Dining Room, by South Wall	White Floor Leveler		206
37-A	Dining Room, by Service Counter	Tan Cove Base Mastic		207
37-B	Dining Room, by Service Counter	Tan Cove Base Mastic		208
38-A	Dining Room, by Service Counter	White Marble Patterned 12"x12" Floor Tile	Peel and Stick	209
38-B	Dining Room, by Service Counter	White Marble Patterned 12"x12" Floor Tile	Peel and Stick	210
39-A	Dining Room, Behind Service Counter	White 2'x4' Suspended Ceiling Tile		211
39-B	Dining Room, Behind Service Counter	White 2'x4' Suspended Ceiling Tile		212

Date Sampled: 11/22/25

Inspector: R. Dillard / H. Smith

Relinquished By [signature] Date/Time 11/25/24

Received By Cameron Burgess Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9176-24 9 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

21 of 23

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12**
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Laboratory Address:** 179 Lake Avenue Rochester, New York
Turn Around Time 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
40-A	Hallway Outside of Restrooms	Grey Cove Base		80213
40-B	Hallway Outside of Restrooms	Grey Cove Base		214
41-A	Kitchen Floor, by Basement Entrance	Red Quarry Tile		215
41-B	Kitchen Floor, by Basement Entrance	Red Quarry Tile		216
42-A	Kitchen Floor, by Basement Entrance	Grey Grout		217
42-B	Kitchen Floor, by Basement Entrance	Grey Grout		218
43-A	Kitchen Floor, by Basement Entrance	Brown Adhesive	Under HA# 41	219
43-B	Kitchen Floor, by Basement Entrance	Brown Adhesive	Under HA# 41	220
44-A	Kitchen Entrance, West Wall	Brown Fiberboard		221
44-B	Kitchen Entrance, West Wall	Brown Fiberboard		222

Date Sampled: 11/22/24

Inspector: R. Dillard / H. Smith

Relinquished By [signature] Date/Time 11/25/24

Received By Cameron Bugbee Date/Time 11-25-24 13:00

Bulk Sample Chain of Custody

9176-24 10 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

22 of 23

Project Name: **88 Canal Street – Pre-Demo Survey**	**Lu Project # 50514-12**
Site Address: **88 Canal Street, Lyons, Wayne County, New York**	**Laboratory Name:** **Paradigm Environmental Services**
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Laboratory Address:** **179 Lake Avenue, Rochester, New York**
Sample Type ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only	**Turn Around Time** 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
45-A	Kitchen Entrance, West Wall	Tan Adhesive	Behind HA# 44	80223
45-B	Kitchen Entrance, West Wall	Tan Adhesive	Behind HA# 44	224
46-A	Kitchen Entrance, West Wall	White Plaster Skim Coat	Behind HA# 44	225
46-B	Kitchen Entrance, West Wall	White Plaster Skim Coat	Behind HA# 44	226
46-C	Kitchen Entrance, West Wall	White Plaster Skim Coat	Behind HA# 44	227
47-A	Kitchen Entrance, West Wall	Grey Plaster Rough Coat	Behind HA# 44	228
47-B	Kitchen Entrance, West Wall	Grey Plaster Rough Coat	Behind HA# 44	229
47-C	Kitchen Entrance, West Wall	Grey Plaster Rough Coat	Behind HA# 44	230
48-A	Kitchen Supply Room	Tan 12"x12" Ceiling Tile		231
48-B	Kitchen Supply Room	Tan 12"x12" Ceiling Tile		232

Date Sampled: 11/22/24

Inspector: R. Dillard / H. Smith

Relinquished By [signature] Date/Time 11/25/24

Received By [signature] Date/Time 11-25-24 1330

Bulk Sample Chain of Custody

9176-24 11 of 11

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Project Name: 88 Canal Street – Pre-Demo Survey	**Lu Project # 50514-12** 23 & 235
Site Address: 88 Canal Street, Lyons, Wayne County, New York	**Laboratory Name:** Paradigm Environmental Services
Results to: **Lu Engineers** **280 East Broad Street, Suite 170** **Rochester, NY 14604**	**Sample Type** ☒ NYS ELAP PLM/TEM ☐ PLM Only ☐ TEM Only
	Laboratory Address: 179 Lake Avenue Rochester, New York
Email: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com,	**Turn Around Time** 12-4 ☐ Immediate ☐ 12 HR ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 Day
	Comments: **STOP POSITIVE**

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES	
49-A	Kitchen Supply Room Ceiling	Grey Drywall	Under HA# 48	80233
49-B	Kitchen Supply Room Ceiling	Grey Drywall	Under HA# 48	234
50-A	Basement Floor	Black Rolled Roofing	Surplus	235
50-B	Basement Floor	Black Rolled Roofing	Surplus	236

Date Sampled: 11/22/24

Inspector: R. Dillard / H. Smith

Relinquished By _____ Date/Time 11/25/24

Received By Emerson Bayles Date/Time 11-25-24 13:00

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Lu Engineers, Inc.

For Lab Project ID

245560

Referencing

88 Canal Street

Prepared

Monday, December 2, 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 Farmer

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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 245560

Client: **Lu Engineers, Inc.**

Project Reference: 88 Canal Street

Sample Identifier:	North Exterior, LP-1 White Paint		
Lab Sample ID:	245560-01	**Date Sampled:**	11/20/2024 10:00
Matrix:	Paint	**Date Received**	11/25/2024

Lead

Analyte	Result	Units	Qualifier	Date Analyzed
Lead	< 0.00493	%		11/27/2024 07:04

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 11/26/2024
Data File: 241127A

Lab Project ID: 245560

Client: **Lu Engineers, Inc.**

Project Reference: 88 Canal Street

Sample Identifier:	North Exterior, LP-2 Maroon Paint		
Lab Sample ID:	245560-02	**Date Sampled:**	11/20/2024 11:00
Matrix:	Paint	**Date Received**	11/25/2024

Lead

Analyte	Result	Units	Qualifier	Date Analyzed
Lead	< 0.00588	%		11/27/2024 07:07

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 11/26/2024
Data File: 241127A

Lab Project ID: 245560

Client: **Lu Engineers, Inc.**

Project Reference: 88 Canal Street

Sample Identifier:	Southeast Exterior, LP-12 Blue Paint		
Lab Sample ID:	245560-03	**Date Sampled:**	11/20/2024 12:00
Matrix:	Paint	**Date Received**	11/25/2024

Lead

Analyte	Result	Units	Qualifier	Date Analyzed
Lead	< 0.00455	%		11/27/2024 07:11

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 11/26/2024
Data File: 241127A

Lab Project ID: 245560

Client: **Lu Engineers, Inc.**

Project Reference: 88 Canal Street

Sample Identifier:	Main Entrance Interior, LP-25 White Paint		
Lab Sample ID:	245560-04	**Date Sampled:**	11/22/2024 10:00
Matrix:	Paint	**Date Received**	11/25/2024

Lead

Analyte	Result	Units	Qualifier	Date Analyzed
Lead	< 0.00476	%		11/27/2024 07:14

Method Reference(s): EPA 6010C
EPA 3050B
Preparation Date: 11/26/2024
Data File: 241127A

Analytical Report Appendix

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

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

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.

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 wi 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 th 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.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

245560

REPORT TO:		INVOICE TO:			
COMPANY:	LU ENGINEERS	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #: 50514-12
ADDRESS:	280 East Broad Street, Suite 170	ADDRESS:			
CITY:	ROCHESTER STATE: NY ZIP: 14604	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	385-7417 FAX: 546-1634	PHONE:	FAX:	STD	OTHER
ATTN:	Mitch Smith	ATTN:		☐ 1 ☐ 2 ☐ 3 ☒ 5	☐
COMMENTS:	msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com			Quotation #	

PROJECT NAME/SITE NAME: 88 Canal Street

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TOTAL LEAD	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	11-20-24	1000		X	North Exterior, LP-1	Paint	1	X	LP-1, White Paint	-01
2	11-20-24	1100		X	North Exterior, LP-2		1	X	LP-2, Maroon Paint	-02
3	11-20-24	1200		X	Southeast Exterior, LP-12		1	X	LP-12, Blue Paint	-03
4	11-22-24	1000		X	Main Entrance Interior, LP-25	↓	1	X	LP-25, White Paint	-04
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 ☐
Comments:		

R. Dillard — Sampled By — 11/20/24 + 11/22/24 — Date/Time

Relinquished By — 11/25/24 @ 1245 — Date/Time

Total Cost:

Received By — Date/Time

Received @ Lab By — 11/25/2024 1254 — Date/Time

P.I.F.

PARADIGM
ENVIRONMENTAL SERVICES

Chain of Custody Supplement

Client: LU Engineers
Lab Project ID: 245560
Completed by: Cedric
Date: 11/25/24

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	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)			X
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature			X
Comments			
Compliant Sample Quantity/Type	X -04	X -01, -02, -03	
Comments		limited volume 11/26/24	

EMSL Analytical, Inc.

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

EMSL Order ID: 012438514
LIMS Reference ID: AC38514
EMSL Customer ID: LUEN50

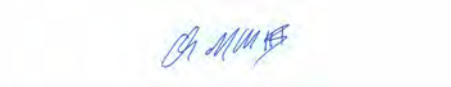
January 08, 2025

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 11/27/2024. The results are tabulated on the attached pages for the following client designated project:

88 Canal Street - Pre-Demo Survey 50514-12

The reference number for these samples is EMSL Order #: AC38514 . 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

EMSL Analytical, Inc.

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

EMSL Order ID: 012438514
LIMS Reference ID: AC38514
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: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

Sample Condition on Receipt

Cooler ID: Default Cooler **Temperature: 21.2 °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: 012438514
LIMS Reference ID: AC38514
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: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

Samples in this Report

Lab ID	Sample	Matrix	Date Sampled	Date Received
AC38514-01	PCB-3	Solid	11/20/24 12:00 am	11/27/2024
AC38514-02	PCB-7	Solid	11/20/24 12:00 am	11/27/2024
AC38514-03	PCB-8	Solid	11/20/24 12:00 am	11/27/2024
AC38514-04	PCB-11	Solid	11/20/24 12:00 am	11/27/2024
AC38514-05	PCB-20	Solid	11/20/24 12:00 am	11/27/2024

EMSL Analytical, Inc.

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

EMSL Order ID: 012438514
LIMS Reference ID: AC38514
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: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

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: 012438514
LIMS Reference ID: AC38514
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: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

Sample Results

Sample: PCB-3/White Caulk
AC38514-01 (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	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND		1	0.75	mg/kg	12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*67%*			*10-112*		12/10/24 10:01	12/10/24 21:06	NP2/TL1	SW846 3546	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*58%*			*10-123*		12/10/24 10:01	12/10/24 21:06	NP2/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: 012438514
LIMS Reference ID: AC38514
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: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

Sample Results
(Continued)

Sample: PCB-7/Dark Grey Caulk
AC38514-02 (Solid)

GC-SVOA

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Aroclor-1016	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND		1	0.89	mg/kg	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	SW846-8082A

Surrogate(s)	Recovery	Q	Limits	Prepared Date/Time	Analyzed Date/Time	Prep/Analyst Initials	Prep Method	Analytical Method
Surrogate: Tetrachloro-m-xylene	*65%*		*10-112*	12/10/24 10:01	12/10/24 21:27	NP2/TL1	SW846 3546	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*54%*		*10-123*	12/10/24 10:01	12/10/24 21:27	NP2/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: 012438514
LIMS Reference ID: AC38514
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: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
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Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

Sample Results
(Continued)

Sample: PCB-8/Brown Caulk
AC38514-03 (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	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND		1	1.1	mg/kg	12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*71%*			*10-112*		12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*61%*			*10-123*		12/10/24 10:01	12/10/24 21:47	NP2/TL1	SW846 3546	*SW846-8082A*

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LIMS Reference ID: AC38514
EMSL Customer ID: LUEN50

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Project Name: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
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Sample Results
(Continued)

Sample: PCB-11/Light Grey Caulk
AC38514-04 (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	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*63%*			*10-112*		12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*57%*			*10-123*		12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	*SW846-8082A*

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LIMS Reference ID: AC38514
EMSL Customer ID: LUEN50

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Project Name: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
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Received: 11/27/2024 09:40
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Sample Results
(Continued)

Sample: PCB-20/Grey Caulk
AC38514-05 (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	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*66%*			*10-112*		12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*58%*			*10-123*		12/10/24 10:01	12/10/24 22:28	NP2/TL1	SW846 3546	*SW846-8082A*

EMSL Analytical, Inc.

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EMSL-CIN-01

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LIMS Reference ID: AC38514
EMSL Customer ID: LUEN50

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msmith@luengineers.com

Project Name: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

Quality Control

GC-SVOA

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BCL0808 - SW846 3546										
Blank (BCL0808-BLK1)					Prepared & Analyzed: 12/10/2024					
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*		*58*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5000*		*48*	*10-123*		
Blank (BCL0808-BLK2)					Prepared: 12/10/2024 Analyzed: 12/11/2024					
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*		*55*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5000*		*48*	*10-123*		
LCS (BCL0808-BS1)					Prepared & Analyzed: 12/10/2024					
Aroclor-1016	2.94		0.25	mg/kg	5.000		59	23-111		
Aroclor-1260	3.56		0.25	mg/kg	5.000		71	29-119		
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.5000*		*60*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5000*		*53*	*10-123*		

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EMSL-CIN-01

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LIMS Reference ID: AC38514
EMSL Customer ID: LUEN50

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Quality Control
(Continued)

GC-SVOA (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BCL0808 - SW846 3546 (Continued)										
LCS (BCL0808-BS2)					Prepared: 12/10/2024 Analyzed: 12/11/2024					
Aroclor-1016	3.09		0.25	mg/kg	5.000		62	23-111		
Aroclor-1260	3.59		0.25	mg/kg	5.000		72	29-119		
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.5000*		*60*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5000*		*51*	*10-123*		
Matrix Spike (BCL0808-MS1)		**Source: AC38486-01**			Prepared & Analyzed: 12/10/2024					
Aroclor-1016	3.27		0.25	mg/kg	5.076	ND	65	10-111		
Aroclor-1260	3.28		0.25	mg/kg	5.076	ND	65	10-132		
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.5076*		*54*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.5076*		*47*	*10-123*		
Matrix Spike Dup (BCL0808-MSD1)		**Source: AC38486-01**			Prepared & Analyzed: 12/10/2024					
Aroclor-1016	3.00		0.25	mg/kg	4.975	ND	60	10-111	9	28
Aroclor-1260	3.04		0.25	mg/kg	4.975	ND	61	10-132	7	28
Surrogate(s)										
Surrogate: Tetrachloro-m-xylene					*0.4975*		*51*	*10-112*		
Surrogate: Decachlorobiphenyl					*0.4975*		*45*	*10-123*		

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Certified Analyses included in this Report

Analyte	CAS #	Certifications
SW846-8082A in Solid		
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> 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.

Environmental Chemistry Chain of Custody

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Order Number / Lab Use Only: AC38514

200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
EMAIL: c@emsl.com

Customer Information

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

Billing Information

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

Project Name/No: 88 Canal Street - Pre-Demo Survey 50514-12

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 / H. Smith

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)	Test 1: PCB CAULK	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
1	PCB-3	☐	☑	11/20/24	O		☑	☐	☐	☐	☐	☐	☐	☐	White Caulk
2	PCB-7	☐	☑	11/20/24	O		☑	☐	☐	☐	☐	☐	☐	☐	Dark Grey Caulk
3	PCB-8	☐	☑	11/20/24	O		☑	☐	☐	☐	☐	☐	☐	☐	Brown Caulk
4	PCB-11	☐	☑	11/20/24	O		☑	☐	☐	☐	☐	☐	☐	☐	Light Grey Caulk

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

21.2°C Reddinplastic

4

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: 11/25/24 @1330	Received by: [signature]
Relinquished by:		Date/Time:	Received by:

Date/Time: 11/27/24 0940

Date/Time:

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

EMSL ANALYTICAL, INC.
LABORATORY•PRODUCTS•TRAINING

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

AC38514

EMSL Analytical, Inc.
200 Route 130 North

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

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 W=Water S=Soil A=Air SL=Sludge O=Other	Preservative 1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other *Describe in Special Instructions*	Test 1: PCB CAULK	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	Comments
5	PCB-20	☐	☑	11/20/24	O		☑	☐	☐	☐	☐	☐	☐	☐	Grey Caulk
		☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
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		☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐				☐	☐	☐	☐	☐	☐	☐	☐	
		☐	☐				☑	☐	☐	☐	☐	☐	☐	☐	

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by: [signature]	Date/Time 11/27/24 0940
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.

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

EMSL Order ID: 012438514
LIMS Reference ID: AC38514
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: 88 Canal Street - Pre-Demo Survey 50514-12

Customer PO:
EMSL Sales Rep: Gillian Egiazarov
Received: 11/27/2024 09:40
Reported: 01/08/2025 15:44

Sample Results
(Continued)

Sample: PCB-11/Light Grey Caulk
AC38514-04 (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	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1221	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1232	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1242	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1248	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1254	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1260	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1262	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Aroclor-1268	ND		1	0.91	mg/kg	12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	SW846-8082A
Surrogate(s)	**Recovery**	**Q**		**Limits**						
Surrogate: Tetrachloro-m-xylene	*63%*			*10-112*		12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	*SW846-8082A*
Surrogate: Decachlorobiphenyl	*57%*			*10-123*		12/10/24 10:01	12/10/24 22:08	NP2/TL1	SW846 3546	*SW846-8082A*

ATTACHMENT D

Asbestos Location Plans and Asbestos Inspection Summary Table

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

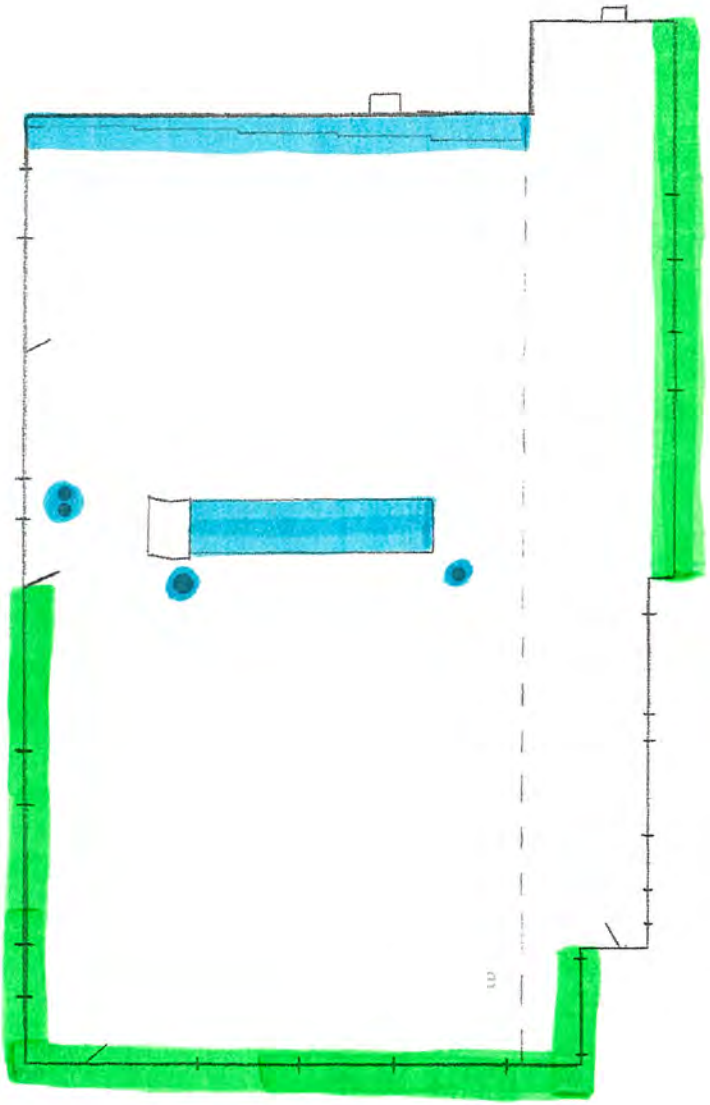
VACANT STRUCTURE
88 CANAL STREET
LYONS, NEW YORK

ASBESTOS LOCATION PLAN
(Exterior/Roof)

Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

E
N S
W

88 Canal Street



LEGEND:

= Asbestos Containing White Plaster Skim Coat

= Asbestos Containing Silver/Black Coating

Asbestos Inspection Summary Table
Pre-Demolition RBM Survey
88 Canal Street, Lyons, New York

Homogeneous Area Description	Homogeneous Area ID No.	Floor & Location	Tested or Assumed	ACM (Y/N)	Approx. Quantity
White Plaster Skim Coat	5	West and South Exterior	Tested	Y	814 LF
				Total	**814 LF**
Black/Silver Coating	18	North Roof, on Air Duct, East Parapet, Electrical Cor	Tested	Y	96 SF
				Total	**96 SF**

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ATTACHMENT E

Site Photographs

Lu Engineers
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ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE
88 CANAL STREET
LYONS, NEW YORK

1

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 8:50am
Creator: Ryan Dillard

2

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 8:52am
Creator: Ryan Dillard

3

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 8:53am
Creator: Ryan Dillard

4

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 11:16am
Creator: Ryan Dillard

5

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 11:19am
Creator: Ryan Dillard

6

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 11:20am
Creator: Ryan Dillard

7

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 11:20am
Creator: Ryan Dillard

8

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 10:16am
Creator: Ryan Dillard

1

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 11:17am
Creator: Ryan Dillard

2

Project: 88 Canal Street - Pre-Demo Survey 50514-12
Date: 11/20/2024, 11:29am
Creator: Ryan Dillard