

ASBESTOS, LEAD PAINT, AND PCB CAULK SURVEY REPORT

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

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

February 2025

Project No. 50514-13



ASBESTOS, LEAD PAINT, AND PCB CAULK SURVEY REPORT

Vacant Structure
80 Canal Street
Lyons, New York

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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 80 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 December 5, 2024. The intent of this survey was to determine the presence and quantity of asbestos containing materials (ACMs), lead-based paint, and PCB containing caulk. The asbestos survey was conducted in accordance with New York State Department of Labor (NYSDOL) Industrial Code Rule (ICR) 56 by certified inspectors from Lu Engineers. A copy of Lu Engineers' license and inspectors' certifications can be found in Attachment A.

1.1 Records Review

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

2.0 SITE INSPECTION

2.1 Asbestos

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

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

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

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

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

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

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

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

Ninety-three (93) 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 December 5, 2024.

A total of seven (7) 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	Tan 3"x3" Patterned Vinyl Flooring	Poor	NF	NAD
2	Tan/Brown Adhesive	Intact	NF	NAD
3	White Decorative Ceiling Tile	Intact	NF	NAD
4	Grey Plasterboard	Intact	F	NAD
5	Grey Drywall	Intact	F	NAD
6	<i>Tan Adhesive</i>	<i>Intact</i>	<i>NF</i>	<i>Chrysotile 2.5%</i>
7	White Plaster Skim Coat	Poor	F	NAD
8	Grey Plaster Rough Coat	Poor	F	NAD
9	Brick Patterned Fiberboard	Intact	NF	NAD
10	White Textured Paint	Intact	NF	NAD
11	Red Brick	Intact	NF	NAD
12	Grey Mortar	Intact	NF	NAD
13	Tan Ceramic Tile Patterned Fiberboard	Intact	NF	NAD

Homogeneous Area No. (HA)	Description	Condition	Friability	Asbestos Content
14	White 2'x2' Suspended Ceiling Tiles with Holes	Poor	NF	NAD
15	White 2'x4' Textured Suspended Ceiling Tile	Poor	NF	NAD
16	Tan Cove Base	Intact	NF	NAD
17	Tan Cove Base Adhesive	Intact	NF	NAD
18	White 2'x4' Suspended Ceiling Tile	Intact	NF	NAD
19	White Joint Compound	Intact	F	NAD
20	Grey Duct Wrap Insulation	Intact	F	Chrysotile 80%
21	Grey Paint	Poor	NF	NAD
22	White Paint	Poor	NF	NAD
23	Green Marbled Pattern Linoleum Flooring	Poor	NF	NAD
24	Dark Grey Adhesive	Intact	NF	NAD
25	Black Sink Undercoating	Intact	NF	Chrysotile 7.2%
26	Green Marbled Pattern 12"x12" Floor Tile	Intact	NF	NAD
27	Black Marbled Pattern 12"x12" Floor Tile	Intact	NF	NAD
28	White Caulk	Intact	NF	NAD
29	Black Rolled Roofing	Intact	NF	NAD
30	Black Starter Strip	Intact	NF	NAD
31	Grey Paint	Poor	NF	NAD
32	Grey Caulk	Intact	NF	NAD
33	Green Paint	Intact	NF	NAD
34	Tan Caulk	Intact	NF	Chrysotile 3.9%
35	White Paint	Intact	NF	NAD
36	White Window Glaze	Poor	NF	NAD
37	White Transite Panel Siding	Intact	NF	Chrysotile 67%
38	Grey Mortar	Intact	NF	NAD
39	White Caulk	Intact	NF	NAD
40	Black Paper Vapor Barrier	Intact	NF	NAD
41	Silver Tan Paper	Intact	NF	NAD
42	White/Green Paint	Poor	NF	NAD
43	Grey Window Glaze	Poor	NF	NAD
44	Grey CMU Block	Intact	NF	NAD
45	Grey Mortar	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 seven (7) 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-10	White Paint on Living Room Ceiling	< 0.00495
<i>LP-21</i>	<i>Grey Paint in 1st Floor Bedroom</i>	<i>0.993</i>
LP-22	White Paint in 1 st Floor Bedroom	0.460
<i>LP-31</i>	<i>Grey Paint in Attic Window</i>	<i>4.98</i>
LP-33	Green Paint on North Exterior	0.0274
LP-35	White Paint on Northeast Window Exterior	0.0719
<i>LP-42</i>	<i>White/Green Paint on Basement Interior Door</i>	<i>5.21</i>

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. A **bold** sample number indicates a PCB concentration greater than 1 ppm, but less than 50 ppm.

Sample No.	Description	PCB Content (ppm)	Asbestos Containing
PCB-28	White Caulk	0.47	No
PCB-34	Tan Caulk	ND	Yes

PCB-36	White Window Glaze	ND	No
PCB-39	White Caulk	ND	No
PCB-43	Grey Window Glaze	ND	No

ND – Non-Detected

4.0 ASBESTOS MATERIALS AND APPROXIMATE QUANTITIES

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

Homogeneous Area No. (HA)	Description	Approximate Quantity
6	Tan Adhesive on Living Room Wall, Behind Wood Panel	419 SF
20	Grey Duct Wrap Insulation in 1 st Floor Bedroom, Behind North Wall	14 SF
25	Black Sink Undercoating, on 1 st and 2 nd Floor Kitchen Sinks	3 SF
34	Tan Caulk on Front Entrance Door Exterior and Northeast Corner Exterior	15 LF
37	White Transite Panel Siding on North, South, East and West Exterior	2,156 SF

SF = Square Feet

LF = Linear Feet

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/m³) of air averaged over an eight-hour period.

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

6.3 PCB Caulk

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

There were no PCB containing caulks (hazardous or regulated) identified as part of this survey.

ATTACHMENT A

License and Certifications



ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE
80 CANAL STREET
LYONS, NEW YORK

WE ARE YOUR DOL



**Department
of Labor**

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

ASBESTOS HANDLING LICENSE

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

License Number: 29286

License Class: RESTRICTED

Date of Issue: 05/01/2024

Expiration Date: 05/31/2025

Duly Authorized Representative: Mitchell Smith

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

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

Amy Phillips, Director
For the Commissioner of Labor

EXCELSIOR

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



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

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

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

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

NY Lab Id No: 10958

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

Miscellaneous

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

Sample Preparation Methods

EPA 3050B



Serial No.: 68645

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

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)

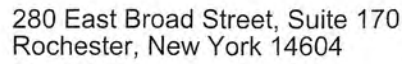
Polychlorinated Biphenyls

PCBs and Aroclors NIOSH 5503

Sample Preparation Methods

40 CFR PART 50 APP G

Serial No.: 68608



CERT# 24-6TIKQ-SHAB
DMV# 141584262

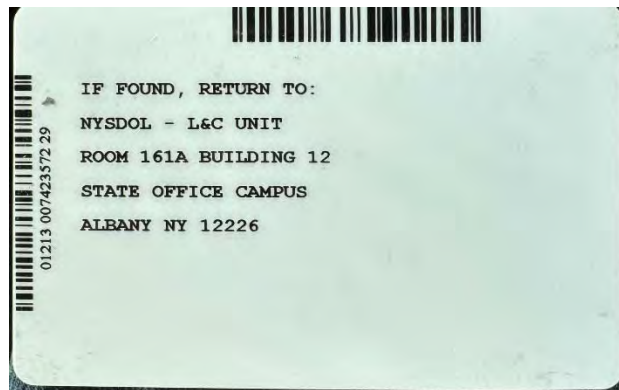
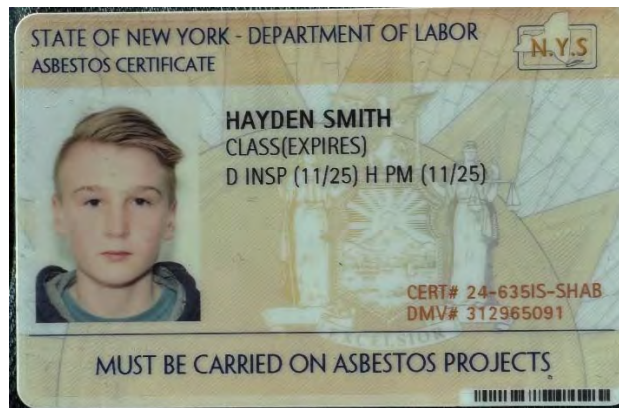


01213 007203509 07

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



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
80 CANAL STREET
LYONS, NEW YORK

ROOF CORE PROFILES
Pre-Demolition RBM Survey
Vacant Structure
80 Canal Street, Lyons, New York
February 2025

Core #1 – South Roof – 2" Depth

- Corrugated Metal
- Black Rolled Roofing
- Black Rolled Roofing
- Black Starter Strip
- Wood Deck

Lu Project #50514-13



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
80 CANAL STREET
LYONS, NEW YORK

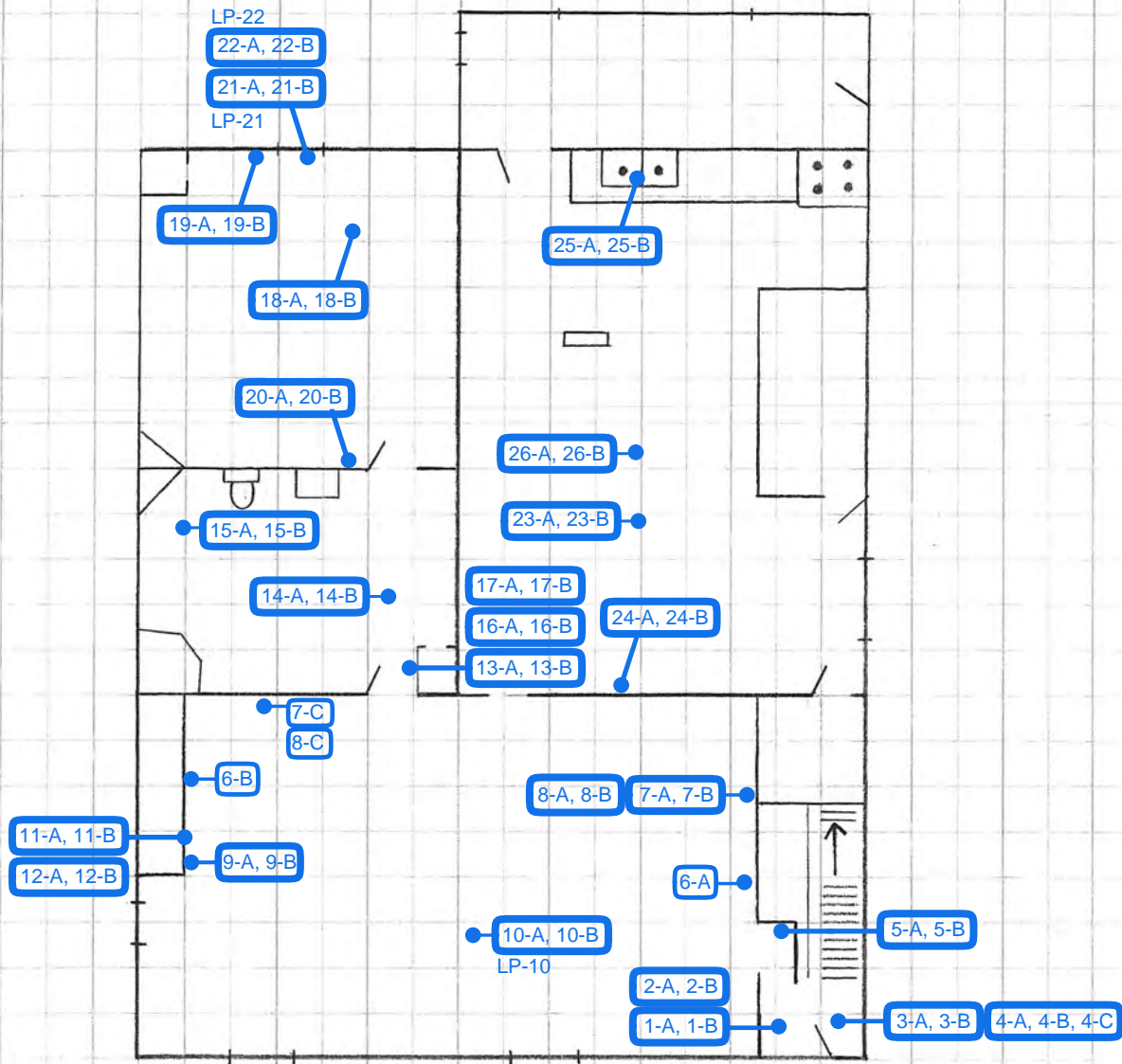
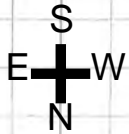
BULK SAMPLE LOCATION PLAN



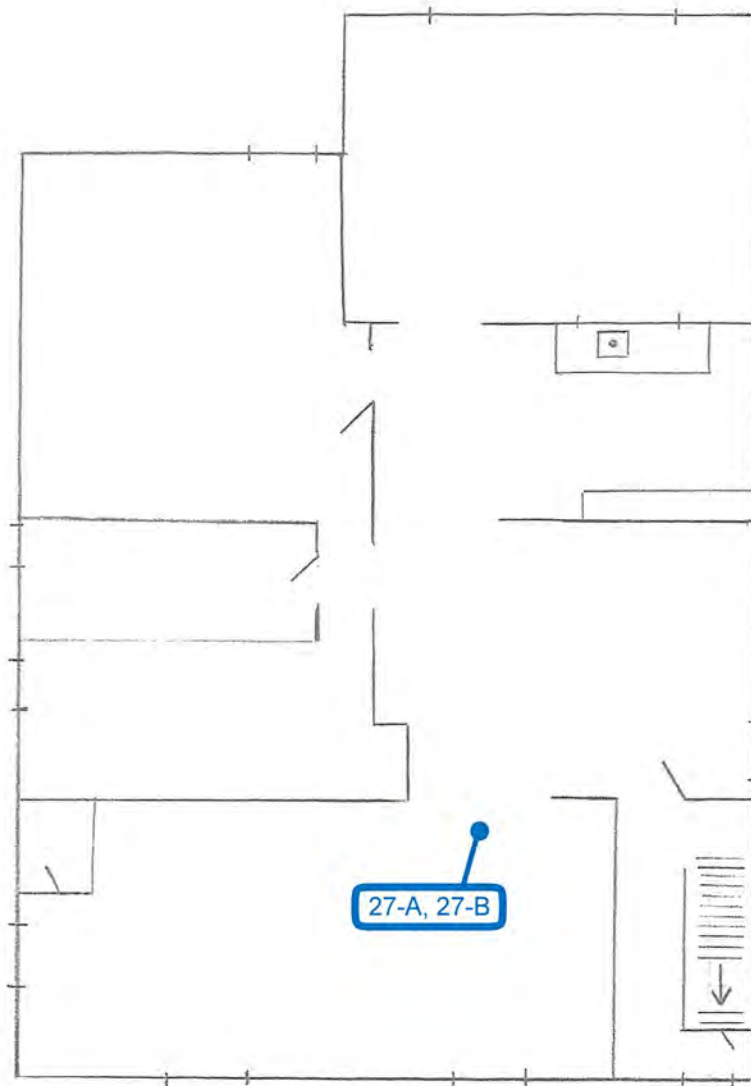
Lu Engineers

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(First Floor)



LEGEND: ● # = Approximate location of Bulk Sample



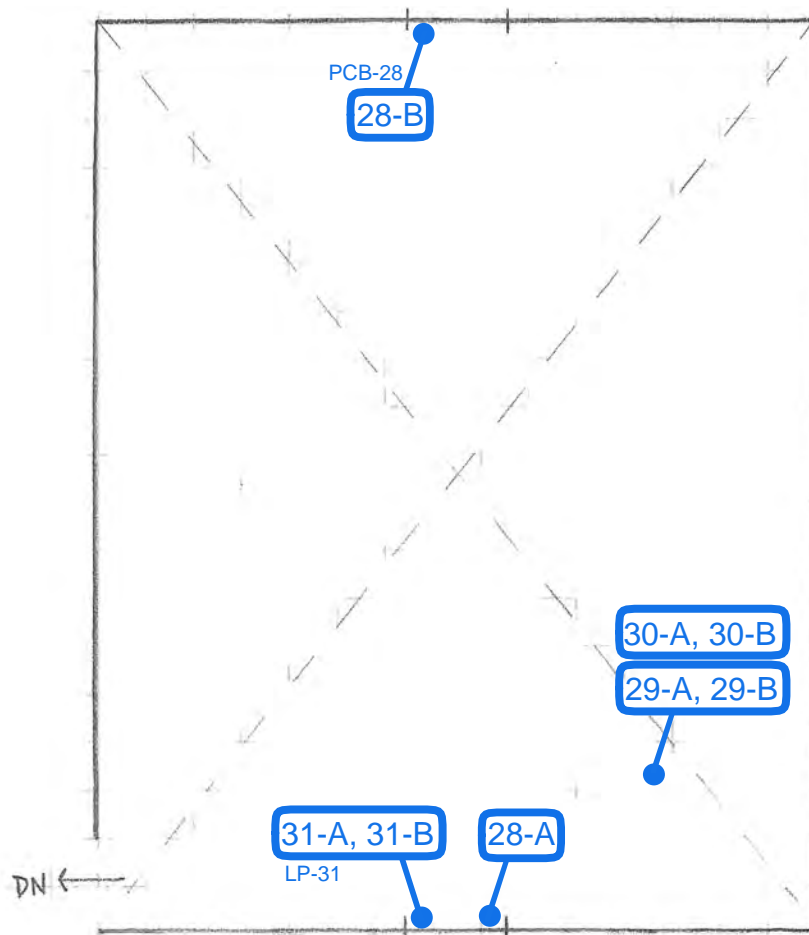
LEGEND: ● # = Approximate location of Bulk Sample

BULK SAMPLE LOCATION PLAN



Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

(Attic)



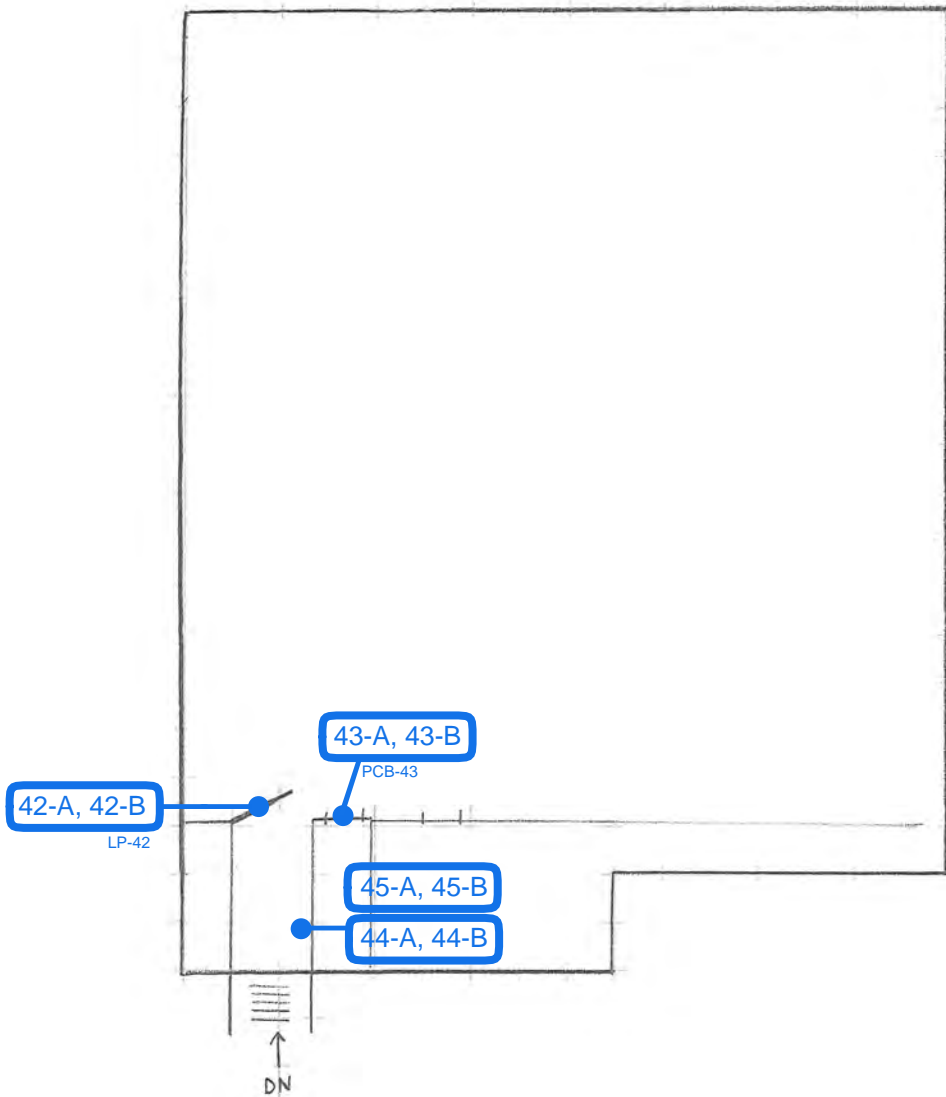
LEGEND: ● # = Approximate location of Bulk Sample

BULK SAMPLE LOCATION PLAN



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(Basement)



LEGEND: ● # = Approximate location of Bulk Sample

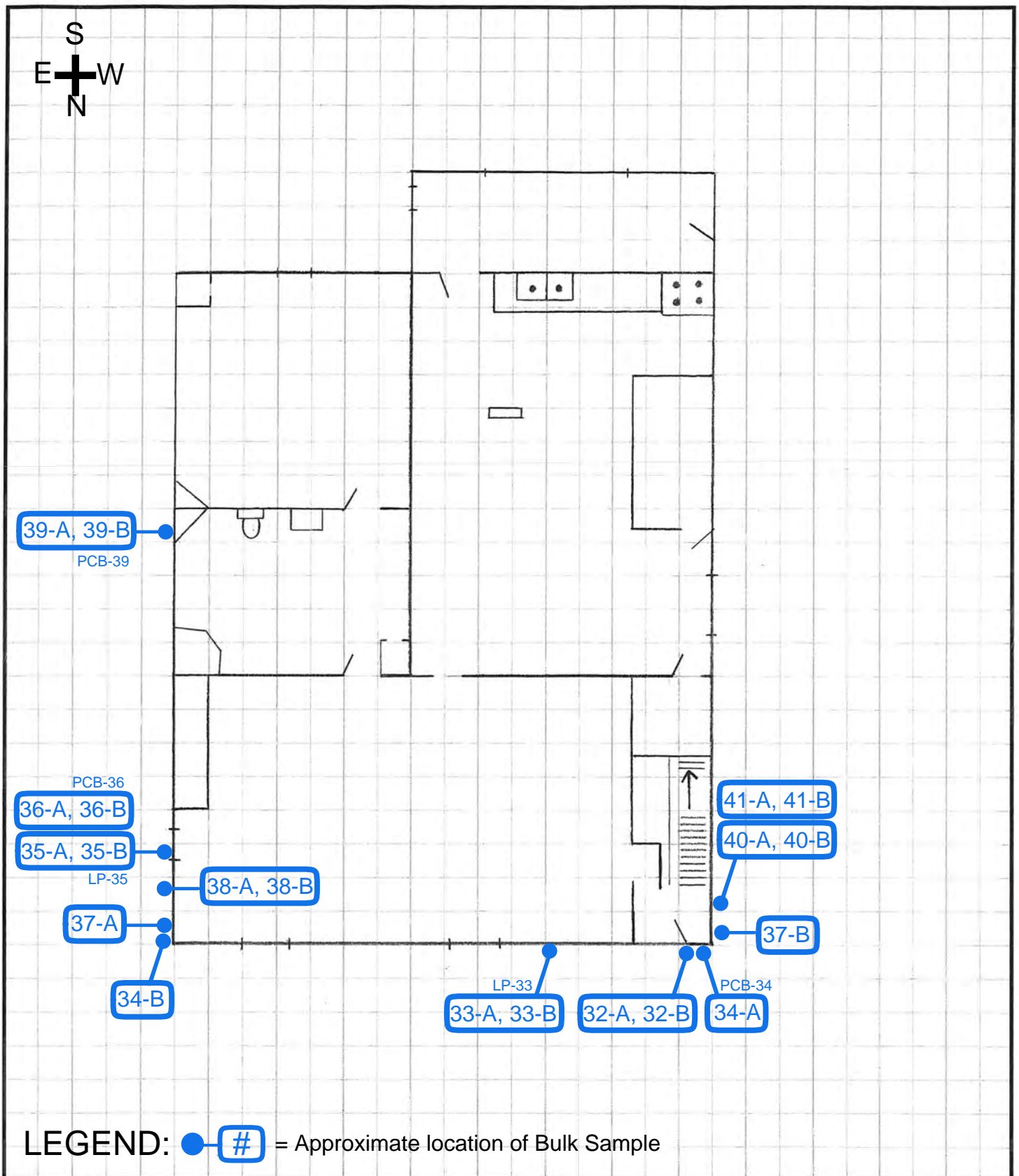
BULK SAMPLE LOCATION PLAN



Lu Engineers

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(Exterior)



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

Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York
Sample Date: 12/5/2024

Job No: 9442-24
Page: 1 of 10

Reissued: 1/30/2025

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
1-A	82773	Front Entranceway Floor	Tan 3"x3" Patterned Vinyl Flooring	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
1-B	82774	Front Entranceway Floor	Tan 3"x3" Patterned Vinyl Flooring	<1.0% Residue Remaining. PLM and TEM Not Required	N/A	X	N/A	N/A	N/A	N/A
2-A	82775	Front Entranceway Floor Under HA #1	Tan/Brown Adhesive	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
2-B	82776	Front Entranceway Floor Under HA #1	Tan/Brown Adhesive	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
3-A	82777	Front Entranceway Ceiling	White Fibrous Decorative Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 30%	70%
3-B	82778	Front Entranceway Ceiling	White Fibrous Decorative Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 20%	80%
4-A	82779	Front Entranceway Ceiling Above HA #3	Gray Plasterboard	None Detected	0%		Not Required	N/A	None Detected	100%
4-B	82780	Front Entranceway Ceiling Above HA #3	Gray Plasterboard	None Detected	0%		Not Required	N/A	None Detected	100%
4-C	82781	Front Entranceway Ceiling Above HA #3	Gray Plasterboard	Sample Not Received in Lab	N/A		N/A	N/A	N/A	N/A
5-A	82782	Front Entranceway West Wall	Gray Drywall	None Detected	0%		Not Required	N/A	Cellulose 5%	95%

KEY TO NOB COLUMN SYMBOLS

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

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



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874

PLM Analyst: T. Bush

Date of Analysis: 12/10/2024

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

TEM Analyst: M. Lochner

Date of Analysis: 12/13/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee

Fernanda Weinman
 Fernanda Weinman

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and/or laboratory and analysts' precision) is available upon request. All samples that were analyzed were received in acceptable condition.

ELAP ID No.: 10958

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

Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York
Sample Date: 12/5/2024

Job No: 9442-24
Page: 2 of 10

Reissued: 1/30/2025

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
5-B	82783	Front Entranceway South Wall	Gray Drywall	None Detected	0%		Not Required	N/A	Cellulose 4% Fiberglass 1%	95%
6-A	82784	Living Room West Wall Behind Wood Panel	Tan Adhesive	Chrysotile 2.5%	2.5%		Not Required	N/A	None Detected	97.5%
6-B	82785	Living Room East Wall Behind Wood Panel	Tan Adhesive	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
7-A	82786	Living Room West Wall	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
7-B	82787	Living Room West Wall	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
7-C	82788	Living Room Southeast Corner Wall	White Plaster Skim Coat	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
8-A	82789	Living Room West Wall	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
8-B	82790	Living Room West Wall	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
8-C	82791	Living Room Southeast Corner Wall	Gray Plaster Rough Coat	None Detected	0%		Not Required	N/A	Cellulose 5%	95%
9-A	82792	Living Room East Wall	Red/Black/ Brown Fibrous Brick Patterned Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 75%	25%

KEY TO NOB COLUMN SYMBOLS

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

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



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #221797

PLM Analyst: K. Acosta

Date of Analysis: 12/10/2024

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

TEM Analyst: N/A

Date of Analysis: N/A

Laboratory Results Approved By:
Asbestos Technical Director or Designee

ELAP ID No.: 10958

 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: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York

Job No: 9442-24
Page: 3 of 10

Sample Date: 12/5/2024

Reissued: 1/30/2025

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
9-B	82793	Living Room East Wall	Brown Fibrous Brick Patterned Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 99%	1%
10-A	82794	Living Room Ceiling	White Textured Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
10-B	82795	Living Room Ceiling	White Textured Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
11-A	82796	Living Room East Wall	Red Brick	None Detected	0%		Not Required	N/A	None Detected	100%
11-B	82797	Living Room East Wall	Red Brick	None Detected	0%		Not Required	N/A	None Detected	100%
12-A	82798	Living Room East Wall	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
12-B	82799	Living Room East Wall	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
13-A	82800	Bathroom West Wall	Tan Fibrous Ceramic Tile Patterned Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
13-B	82801	Bathroom West Wall	Tan Fibrous Ceramic Tile Patterned Fiberboard	None Detected	0%		Not Required	N/A	Cellulose 100%	0%
14-A	82802	Bathroom Ceiling	White Fibrous 2'x2' Suspended Ceiling Tile With Holes	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.
 √ 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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 Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

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



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874

PLM Analyst: T. Bush

Date of Analysis: 12/10/2024

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

TEM Analyst: M. Lochner

Date of Analysis: 12/13/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee

Fernanda Weinman

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ELAP ID No.: 10958

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

Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York

Job No: 9442-24
Page: 4 of 10

Sample Date: 12/5/2024

Reissued: 1/30/2025

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-B	82803	Bathroom Ceiling	White Fibrous 2'x2' Suspended Ceiling Tile With Holes	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 30%	70%
15-A	82804	Bathroom Ceiling	White Fibrous 2'x4' Textured Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 30%	70%
15-B	82805	Bathroom Ceiling	White Fibrous 2'x4' Textured Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 25%	75%
16-A	82806	Bathroom West Wall	Tan Cove Base	<1.0% Residue Remaining, PLM and TEM Not Required	N/A	X	N/A	N/A	N/A	N/A
16-B	82807	Bathroom West Wall	Tan Cove Base	<1.0% Residue Remaining, PLM and TEM Not Required	N/A	X	N/A	N/A	N/A	N/A
17-A	82808	Bathroom West Wall	Tan Cove Base Adhesive	<1.0% Residue Remaining, PLM and TEM Not Required	N/A	X	N/A	N/A	N/A	N/A
17-B	82809	Bathroom West Wall	Tan Cove Base Adhesive	<1.0% Residue Remaining, PLM and TEM Not Required	N/A	X	N/A	N/A	N/A	N/A
18-A	82810	1st Floor Bedroom	White Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 10%	90%
18-B	82811	1st Floor Bedroom	White Fibrous 2'x4' Suspended Ceiling Tile	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	Mineral Wool 10%	90%
19-A	82812	1st Floor Bedroom South Wall	White Joint Compound	None Detected	0%		Not Required	N/A	None Detected	100%

KEY TO NOB COLUMN SYMBOLS

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

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

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

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

X denotes sample prepped only by ELAP Method 198.6.

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

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



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874

PLM Analyst: T. Bush

Date of Analysis: 12/10/2024

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

TEM Analyst: M. Lochner

Date of Analysis: 12/13/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee

Fernanda Weinman

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ELAP ID No.: 10958

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

Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York

Job No: 9442-24
Page: 5 of 10

Sample Date: 12/5/2024

Reissued: 1/30/2025

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
19-B	82813	1st Floor Bedroom South Wall	White Joint Compound	None Detected	0%		Not Required	N/A	None Detected	100%
20-A	82814	1st Floor Bedroom North Wall	Gray Fibrous Duct Wrap Insulation	Chrysotile 80%	80%		Not Required	N/A	None Detected	20%
20-B	82815	1st Floor Bedroom North Wall	Gray Duct Wrap Insulation	STOP	POSITIVE		SAMPLE	NOT	ANALYZED	N/A
21-A	82816	1st Floor Bedroom on Windowsill	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
21-B	82817	1st Floor Bedroom on Windowsill	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
22-A	82818	1st Floor Bedroom on Window Frame	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
22-B	82819	1st Floor Bedroom on Window Frame	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
23-A	82820	1st Floor Kitchen	Green Marbled Patterned Linoleum Flooring	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
23-B	82821	1st Floor Kitchen	Green Marbled Patterned Linoleum Flooring	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
24-A	82822	1st Floor Kitchen North Wall Behind Wood Panel	Dark Gray Adhesive	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

KEY TO NOB COLUMN SYMBOLS

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

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Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874

PLM Analyst: T. Bush

Date of Analysis: 12/10/2024

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

TEM Analyst: F. Weinman

Date of Analysis: 12/16/2024

Laboratory Results Approved By:
Asbestos Technical Director or Designee

Fernanda Weinman

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ELAP ID No.: 10958

Bulk Sample Chain of Custody



Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

9442-24 10F5

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 Canal Street, Lyons, Wayne County, New York		Laboratory Name: Paradigm Environmental Services	
Results to:		Laboratory Address: 179 Lake Avenue Rochester, New York	
Lu Engineers 280 East Broad Street, Suite 170 Rochester, NY 14604	Sample Type <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only	Turn Around Time 12-16 <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
Email: msmith@luengineers.com , rdillard@luengineers.com , hsmith@luengineers.com		Comments: STOP POSITIVE	

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
1-A	Front Entranceway Floor	Tan 3"x3" Pattern Vinyl Flooring	8773
1-B	Front Entranceway Floor	Tan 3"x3" Pattern Vinyl Flooring	774
2-A	Front Entranceway Floor	Tan/Brown Adhesive	Under HA# 1
2-B	Front Entranceway Floor	Tan/Brown Adhesive	Under HA# 1
3-A	Front Entranceway Ceiling	White Decorative Ceiling Tile	776
3-B	Front Entranceway Ceiling	White Decorative Ceiling Tile	777
4-A	Front Entranceway Ceiling	Grey Plasterboard	778
4-B	Front Entranceway Ceiling	Grey Plasterboard	779
4-C	Front Entranceway Ceiling	Grey Plasterboard	780
5-A	Front Entranceway, West Wall	Grey Drywall	781
			782

Date Sampled: 12-5-24

Inspector: R.D. / U.S.

Relinquished By: [Signature]

Received By: [Signature]

Date/Time 12-9-24

Date/Time 12-9-24 12:11

Bulk Sample Chain of Custody



9442-24 2625

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 Canal Street, Lyons, Wayne County, New York		Laboratory Name: Paradigm Environmental Services	
Results to:		Laboratory Address: 179 Lake Avenue Rochester, New York	
Lu Engineers 280 East Broad Street, Suite 170 Rochester, NY 14604	Sample Type <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only	Turn Around Time <input type="checkbox"/> Immediate <input type="checkbox"/> 24 HR <input type="checkbox"/> 72 HR	Comments: STOP POSITIVE
Email: msmith@luengineers.com , rdillard@luengineers.com , hsmith@luengineers.com			

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
5-B	Front Entranceway, South Wall	Grey Drywall	82783
6-A	Living Room, West Wall, Behind Wood Panel	Tan Adhesive	784
6-B	Living Room, East Wall, Behind Wood Panel	Tan Adhesive	785
7-A	Living Room, West Wall	White Plaster Skim Coat	786
7-B	Living Room, West Wall	White Plaster Skim Coat	787
7-C	Living Room, Southeast Corner Wall	White Plaster Skim Coat	788
8-A	Living Room, West Wall	Grey Plaster Rough Coat	789
8-B	Living Room, West Wall	Grey Plaster Rough Coat	790
8-C	Living Room, Southeast Corner Wall	Grey Plaster Rough Coat	791
9-A	Living Room, East Wall	Brick Pattern Fiberboard	792

Date Sampled: 12-5-24
Inspector: R.D. / H.S.
Relinquished By: [Signature] Date/Time: 12-9-24
Received By: [Signature] Date/Time: 12-9-24 10:11
280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com

Bulk Sample Chain of Custody



4442-24 3055

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13
Site Address: 80 Canal Street, Lyons, Wayne County, New York		Laboratory Name: Paradigm Environmental Services
Results to:	Sample Type	Laboratory Address: 179 Lake Avenue Rochester, New York
Lu Engineers 280 East Broad Street, Suite 170 Rochester, NY 14604	<input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only	Turn Around Time 12-16 <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day
Email: msmith@luengineers.com , rdillard@luengineers.com , hsmith@luengineers.com		Comments: STOP POSITIVE

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
9-B	Living Room, East Wall	Brick Pattern Fiberboard	82933
10-A	Living Room Ceiling	White Textured Paint	794
10-B	Living Room Ceiling	White Textured Paint	795
11-A	Living Room, East Wall	Red Brick	796
11-B	Living Room, East Wall	Red Brick	797
12-A	Living Room, East Wall	Grey Mortar	798
12-B	Living Room, East Wall	Grey Mortar	799
13-A	Bathroom, West Wall	Tan Ceramic Tile Pattern Fiberboard	800
13-B	Bathroom, West Wall	Tan Ceramic Tile Pattern Fiberboard	801
14-A	Bathroom Ceiling	White "2x2" Suspended Ceiling Tile with Holes	802

Date Sampled: 12-5-24	Relinquished By: <i>[Signature]</i>	Date/Time: 12-9-24
Inspector: R.D. / H.S.	Received By: <i>[Signature]</i>	Date/Time: 12-9-24 12:11

280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com

Bulk Sample Chain of Custody



4442-24 4075

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 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 <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Turn Around Time <u>12-16</u> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
Comments: STOP POSITIVE			
Email: msmith@luengineers.com , rdillard@luengineers.com , hsmith@luengineers.com			

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
14-B	Bathroom Ceiling	White "2x2" Suspended Ceiling Tile with Holes	82803
15-A	Bathroom Ceiling	White "2x4" Textured Suspended Ceiling Tile	804
15-B	Bathroom Ceiling	White "2x4" Textured Suspended Ceiling Tile	805
16-A	Bathroom, West Wall	Tan Cove Base	806
16-B	Bathroom, West Wall	Tan Cove Base	807
17-A	Bathroom, West Wall	Tan Cove Base Adhesive	808
17-B	Bathroom, West Wall	Tan Cove Base Adhesive	809
18-A	1 st Floor Bedroom	White 2"x4" Suspended Ceiling Tile	810
18-B	1 st Floor Bedroom	White 2"x4" Suspended Ceiling Tile	811
19-A	1 st Floor Bedroom, South Wall	White Joint Compound	812

Date Sampled: 12-5-24 Relinquished By:  Date/Time 12-9-24
Inspector: R.D. / U.S. Received By:  Date/Time 12-9-24 12:11
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Bulk Sample Chain of Custody



9442-24 50F5

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13		1081053	
Site Address: 80 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		Laboratory Address: 179 Lake Avenue Rochester, New York		Comments: STOP POSITIVE	
Sample Type <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Turn Around Time 12-16 <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day			

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
19-B	1 st Floor Bedroom, South Wall	White Joint Compound	82813
20-A	1 st Floor Bedroom, North Wall	Grey Paper Vapor Barrier DUCT WRAP INSULATION	814
20-B	1 st Floor Bedroom, North Wall	Grey Paper Vapor Barrier DUCT WRAP INSULATION	815
21-A	1 st Floor Bedroom, on Windowsill	Grey Paint	816
21-B	1 st Floor Bedroom, on Windowsill	Grey Paint	817
22-A	1 st Floor Bedroom, on Window Frame	White Paint	818
22-B	1 st Floor Bedroom, on Window Frame	White Paint	819
23-A	1 st Floor Kitchen	Green Marbled Patterned Linoleum Flooring	820
23-B	1 st Floor Kitchen	Green Marbled Patterned Linoleum Flooring	821
24-A	1 st Floor Kitchen, North Wall, Behind Wood Panel	Dark Grey Adhesive	822

Date Sampled: 12-5-24 Relinquished By: R. D. H.S. Date/Time: 12-9-24
Inspector: R.D. / H.S. Received By: Yvonne Ruggen Date/Time: 12-9-24
280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com

PLM & TEM BULK ASBESTOS ANALYSIS REPORT

via NYSDOH ELAP Method 198.1, 198.4 and 198.6

Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York
Sample Date: 12/5/2024

Job No: 9444-24
Page: 1 of 10

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
24-B	82841	1st Floor Kitchen North Wall Behind Wood Panel	Dark Gray Adhesive	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
25-A	82842	1st Floor Kitchen	Black Sink Undercoating	Chrysotile 7.2%	7.2%	✓	Not Required	N/A	None Detected	92.8%
25-B	82843	1st Floor Kitchen	Black Sink Undercoating	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A
26-A	82844	1st Floor Kitchen	Green Marbled Patterned 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
26-B	82845	1st Floor Kitchen	Green Marbled Patterned 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
27-A	82846	2nd Floor North Bedroom	Black Marbled Patterned 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
27-B	82847	2nd Floor North Bedroom	Black Marbled Patterned 12"x12" Floor Tile	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
28-A	82848	Attic West Window Around Wooden Frame	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
28-B	82849	Attic East Window Around Wooden Frame	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
29-A	82850	Roof on Wooden Deck Accessed From Attic	Black Rolled Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

KEY TO NOB COLUMN SYMBOLS

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

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



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874

PLM Analyst: T. Bush

Date of Analysis: 12/10/2024

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

TEM Analyst: F. Weinman

Date of Analysis: 12/16/2024

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

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ELAP ID No.: 10958

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

Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York
Sample Date: 12/5/2024

Job No: 9444-24
Page: 2 of 10

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 %
29-B	82851	Roof on Wooden Deck Accessed From Attic	Black Rolled Roofing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
30-A	82852	Roof on Wooden Deck Accessed From Attic	Black Starter Strip	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✗	N/A	N/A	N/A	N/A
30-B	82853	Roof on Wooden Deck Accessed From Attic	Black Starter Strip	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✗	N/A	N/A	N/A	N/A
31-A	82854	Attic West Window on Wooden Frame	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
31-B	82855	Attic West Window on Wooden Frame	Gray Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
32-A	82856	Front Entrance Door Exterior	Gray Caulk	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✗	N/A	N/A	N/A	N/A
32-B	82857	Front Entrance Door Exterior	Gray Caulk	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✗	N/A	N/A	N/A	N/A
33-A	82858	North Exterior	Green Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
33-B	82859	North Exterior	Green Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
34-A	82860	Front Entrance Door Exterior	Tan Caulk	Chrysotile 3.9%	3.9%	✓	Not Required	N/A	None Detected	96.1%

KEY TO NOB COLUMN SYMBOLS

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

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



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874

PLM Analyst: T. Bush

Date of Analysis: 12/11/2024

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

TEM Analyst: F. Weinman

Date of Analysis: 12/16/2024

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

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ELAP ID No.: 10958

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

Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York

Job No: 9444-24
Page: 3 of 10

Sample Date: 12/5/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
34-B	82861	Northeast Corner Exterior	Tan Caulk	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A
35-A	82862	Northeast Window Exterior	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
35-B	82863	Northeast Window Exterior	White Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
36-A	82864	Northeast Window Exterior	White Window Glaze	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%
36-B	82865	Northeast Window Exterior	White Window Glaze	Inconclusive No Asbestos Detected	0%	#	None Detected	<1.0%	None Detected	100%
37-A	82866	East Exterior	White Fibrous Transite Panel Siding	Chrysotile 67%	67%		Not Required	N/A	None Detected	33%
37-B	82867	West Exterior	White Transite Panel Siding	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A
38-A	82868	East Exterior on Stone Foundation	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
38-B	82869	East Exterior on Stone Foundation	Gray Mortar	None Detected	0%		Not Required	N/A	None Detected	100%
39-A	82870	Southeast Window Exterior	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

KEY TO NOB COLUMN SYMBOLS

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

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



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #221797

PLM Analyst: K. Acosta

Date of Analysis: 12/11/2024

Microscope: JEOL-100CX-II #EM-156094-B7

TEM Analyst: F. Weinman

Date of Analysis: 12/16/2024

ELAP ID No.: 10958

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: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York
Sample Date: 12/5/2024

Job No: 9444-24
Page: 4 of 10

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 %
39-B	82871	Southeast Window Exterior	White Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
40-A	82872	West Exterior Under HA #37	Black Paper Vapor Barrier	Inconclusive Trace Chrysotile Detected	<1.0%	✓	None Detected	<1.0%	None Detected	100%
40-B	82873	West Exterior Under HA #37	Black Paper Vapor Barrier	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
41-A	82874	West Exterior Under HA #37	Silver/Tan Fibrous Paper	None Detected	0%		Not Required	N/A	Cellulose 80%	20%
41-B	82875	West Exterior Under HA #37	Silver/Tan Fibrous Paper	None Detected	0%		Not Required	N/A	Cellulose 75%	25%
42-A	82876	Basement Interior Door	White/Green Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
42-B	82877	Basement Interior Door	White/Green Paint	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
43-A	82878	Basement South Wall	Gray Window Glaze	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
43-B	82879	Basement South Wall	Gray Window Glaze	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
44-A	82880	Basement Entrance East Wall	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).



Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #211874

PLM Analyst: T. Bush

Date of Analysis: 12/11/2024

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

TEM Analyst: F. Weinman

Date of Analysis: 12/16/2024

ELAP ID No.: 10958

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

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Client: Lu Engineers
Location: 80 Canal Street - Pre-Demo Survey
 80 Canal Street, Lyons, Wayne County, New York
Sample Date: 12/5/2024

Job No: 9444-24
Page: 5 of 10

KEY TO NOB COLUMN SYMBOLS

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

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

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denotes friable material analyzed by ELAP Method 198.6 (P)

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.

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Lab Code 200530-0 for PLM Analysis

Microscope: Olympus BH-2 #221797

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

PLM Analyst: K. Acosta

TEM Analyst: N/A

Date of Analysis: 12/10/2024

Date of Analysis: N/A

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

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Bulk Sample Chain of Custody



9444-24 10FS

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 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		Laboratory Address: 179 Lake Avenue Rochester, New York	
Sample Type <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Turn Around Time 12-16 <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
		Comments: STOP POSITIVE	

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
24-B	1 st Floor Kitchen, North Wall, Behind Wood Panel	Dark Grey Adhesive	83841
25-A	1 st Floor Kitchen	Black Sink Undercoating	842
25-B	1 st Floor Kitchen	Black Sink Undercoating	843
26-A	1 st Floor Kitchen	Green Marbled Patterned 12"x12" Floor Tile	844
26-B	1 st Floor Kitchen	Green Marbled Patterned 12"x12" Floor Tile	845
27-A	2 nd Floor, North Bedroom	Black Marbled Patterned 12"x12" Floor Tile	846
27-B	2 nd Floor, North Bedroom	Black Marbled Patterned 12"x12" Floor Tile	847
28-A	Attic, West Window, Around Wooden Frame	White Caulk	848
28-B	Attic, East Window, Around Wooden Frame	White Caulk	849
29-A	Roof, on Wooden Deck	Black Rolled Roofing	850

Date Sampled: 12-5-24
Inspector: R.D. / H.S.
Relinquished By: [Signature] Date/Time: 12-9-24
Received By: [Signature] Date/Time: 12-9-24 12:20
280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com

Bulk Sample Chain of Custody



4444-24 2025

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 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 <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Turn Around Time <u>12-16</u> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
Email: msmith@luengineers.com , rdillard@luengineers.com , hsmith@luengineers.com		Comments: STOP POSITIVE	

7 of 10

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
29-B	Roof, on Wooden Deck	Black Rolled Roofing	Accessed From Attic
30-A	Roof, on Wooden Deck	Black Starter Strip	Accessed From Attic
30-B	Roof, on Wooden Deck	Black Starter Strip	Accessed From Attic
31-A	Attic, West Window, on Wooden Frame	Grey Paint	
31-B	Attic, West Window, on Wooden Frame	Grey Paint	
32-A	Front Entrance Door Exterior	Grey Caulk	
32-B	Front Entrance Door Exterior	Grey Caulk	
33-A	North Exterior	Green Paint	
33-B	North Exterior	Green Paint	
34-A	Front Entrance Door Exterior	Tan Caulk	

Date Sampled: 12-5-24

Relinquished By [Signature] Date/Time 12-9-24

Inspector: R.D. / H.S.

Received By [Signature] Date/Time 12-9-24 12:20

Bulk Sample Chain of Custody



9444-24 30F5

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 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 <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Turn Around Time <u>12-16</u> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
Email: msmith@luengineers.com , rdillard@luengineers.com , hsmith@luengineers.com		Comments: STOP POSITIVE	

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
34-B	Northeast Corner Exterior	Tan Caulk	82861
35-A	Northeast Window Exterior	White Paint	862
35-B	Northeast Window Exterior	White Paint	863
36-A	Northeast Window Exterior	White Window Glaze	864
36-B	Northeast Window Exterior	White Window Glaze	865
37-A	East Exterior	White Transite Panel Siding	866
37-B	West Exterior	White Transite Panel Siding	867
38-A	East Exterior, on Stone Foundation	Grey Mortar	868
38-B	East Exterior, on Stone Foundation	Grey Mortar	869
39-A	Southeast Window Exterior	White Caulk	870

Date Sampled: 12-5-24 Relinquished By: [Signature] Date/Time: 12-9-24
Inspector: R.D. / H.S. Received By: [Signature] Date/Time: 12-9-24

Bulk Sample Chain of Custody



9444-24 4055

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 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		Laboratory Address: 179 Lake Avenue Rochester, New York	
Sample Type <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Turn Around Time <u>1216</u> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
		Comments: STOP POSITIVE	

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
39-B	Southeast Window Exterior	White Caulk	82871
40-A	West Exterior	Black Paper Vapor Barrier	872 Under HA# 37
40-B	West Exterior	Black Paper Vapor Barrier	873 Under HA# 37
41-A	West Exterior	Silver/Tan Paper	874 Under HA# 37
41-B	West Exterior	Silver/Tan Paper	875 Under HA# 37
42-A	Basement, Interior Door	White/Green Paint	876
42-B	Basement, Interior Door	White/Green Paint	877
43-A	Basement, South Wall	Grey Window Glaze	878
43-B	Basement, South Wall	Grey Window Glaze	879
44-A	Basement Entrance, East Wall	Grey CMU Block	880

Date Sampled: 12-5-24 Relinquished By: [Signature] Date/Time: 12-9-24
Inspector: R. D. / H. S. Received By: [Signature] Date/Time: 12-9-24 12:20

Bulk Sample Chain of Custody



4444-24 50P5

Project Name: 80 Canal Street – Pre-Demo Survey		Lu Project # 50514-13	
Site Address: 80 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		Laboratory Address: 179 Lake Avenue Rochester, New York	
Sample Type <input checked="" type="checkbox"/> NYS ELAP PLM/TEM <input type="checkbox"/> PLM Only <input type="checkbox"/> TEM Only		Turn Around Time <u>12-16</u> <input type="checkbox"/> Immediate <input type="checkbox"/> 12 HR <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input checked="" type="checkbox"/> 5 Day	
		Comments: STOP POSITIVE	

FIELD ID	SAMPLE LOCATION	MATERIAL	NOTES
44-B	Basement Entrance, East Wall	Grey CMU Block	8288/
45-A	Basement Entrance, East Wall	Grey Mortar	882
45-B	Basement Entrance, East Wall	Grey Mortar	883

Date Sampled: 12-5-24 Relinquished By: [Signature] Date/Time: 12-9-24
Inspector: R.D. / U.S. Received By: [Signature] Date/Time: 12-9-24 12:20
280 East Broad Street, Suite 170, Rochester, NY 14604 | Ph 585.385.7417 | Fax 585.546.1634 | luengineers.com



PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For
Lu Engineers, Inc.

For Lab Project ID

245738

Referencing

50514-13

Prepared

Monday, December 16, 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 Farnen

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

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

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

Report Prepared Monday, December 16, 2024

Page 1 of 12



Lab Project ID: 245738

Client: **Lu Engineers, Inc.**

Project Reference: 50514-13

Sample Identifier: Living Room Ceiling, LP-10, White Paint

Lab Sample ID: 245738-01

Date Sampled: 12/5/2024 9:00

Matrix: Paint

Date Received 12/9/2024

Lead

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	< 0.00495	%		12/12/2024 11:43
Method Reference(s): EPA 6010C EPA 3050B				
Preparation Date: 12/11/2024				
Data File: 241212A				



Lab Project ID: 245738

Client: **Lu Engineers, Inc.**

Project Reference: 50514-13

Sample Identifier: 1st Floor Bedroom, LP-21, Grey Paint

Lab Sample ID: 245738-02

Date Sampled: 12/5/2024 9:30

Matrix: Paint

Date Received 12/9/2024

Lead

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	0.993	%		12/12/2024 11:46
Method Reference(s): EPA 6010C EPA 3050B				
Preparation Date: 12/11/2024				
Data File: 241212A				



Lab Project ID: 245738

Client: **Lu Engineers, Inc.**

Project Reference: 50514-13

Sample Identifier: 1st Floor Bedroom, LP-22, White Paint

Lab Sample ID: 245738-03

Date Sampled: 12/5/2024 10:00

Matrix: Paint

Date Received 12/9/2024

Lead

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	0.460	%		12/12/2024 11:49
Method Reference(s): EPA 6010C EPA 3050B				
Preparation Date: 12/11/2024				
Data File: 241212A				



Lab Project ID: 245738

Client: **Lu Engineers, Inc.**

Project Reference: 50514-13

Sample Identifier: Attic Window, LP-31, Grey Paint

Lab Sample ID: 245738-04

Date Sampled: 12/5/2024 10:30

Matrix: Paint

Date Received 12/9/2024

Lead

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	4.98	%		12/16/2024 12:25
Method Reference(s): EPA 6010C EPA 3050B				
Preparation Date: 12/11/2024				
Data File: 241216A				



Lab Project ID: 245738

Client: **Lu Engineers, Inc.**

Project Reference: 50514-13

Sample Identifier: North Exterior, LP-33, Green Paint

Lab Sample ID: 245738-05

Date Sampled: 12/5/2024 11:00

Matrix: Paint

Date Received 12/9/2024

Lead

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	0.0274	%		12/12/2024 12:02
Method Reference(s): EPA 6010C EPA 3050B				
Preparation Date: 12/11/2024				
Data File: 241212A				



Lab Project ID: 245738

Client: **Lu Engineers, Inc.**

Project Reference: 50514-13

Sample Identifier: Northeast Window Exterior, LP-35, White Paint

Lab Sample ID: 245738-06

Date Sampled: 12/5/2024 11:30

Matrix: Paint

Date Received 12/9/2024

Lead

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	0.0719	%		12/12/2024 12:05
Method Reference(s): EPA 6010C EPA 3050B				
Preparation Date: 12/11/2024				
Data File: 241212A				



Lab Project ID: 245738

Client: **Lu Engineers, Inc.**

Project Reference: 50514-13

Sample Identifier: Basement Interior Door, LP-42, White/Green Paint

Lab Sample ID: 245738-07

Date Sampled: 12/5/2024 12:00

Matrix: Paint

Date Received 12/9/2024

Lead

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Lead	5.21	%		12/16/2024 12:28
Method Reference(s): EPA 6010C EPA 3050B				
Preparation Date: 12/11/2024				
Data File: 241216A				



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.

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GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

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

Warranty.

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

Scope and Compensation.

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

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

Prices.

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

Limitations of Liability.

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

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

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

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

Hazard Disclosure.

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

Sample Handling.

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

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

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

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

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

Assignment.

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

Force Majeure.

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

Law.

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

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

CHAIN OF CUSTODY

1 of 2

**REPORT TO:****INVOICE TO:**

COMPANY: LU ENGINEERS	COMPANY: Same	LAB PROJECT #: 245738	CLIENT PROJECT #: 50514-13
ADDRESS: 280 East Broad Street, Suite 170	ADDRESS:	TURNAROUND TIME: (WORKING DAYS)	
CITY: ROCHESTER	STATE: NY	ZIP: 14604	
PHONE: 385-7417	FAX: 546-1634	PHONE:	FAX:
ATTN: Mitch Smith	ATTN:	STD	OTHER
COMMENTS: msmith@luengineers.com, rdillard@luengineers.com, hsmith@luengineers.com		<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5	<input type="checkbox"/>

REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A M I N A T I O N	TOTAL LEAD										REMARKS	PARADIGM LAB SAMPLE NUMBER
12-5-24	0900		X	Living Room ceiling, LP-10	PAINT	X	1	X									LP-10, white Paint	01
	0930		X	1st Floor Bedroom, LP-21		X	1	X									LP-21, Grey Paint	02
	1000		X	1st Floor Bedroom, LP-22		X	1	X									LP-22, white Paint	03
	1030		X	Attic Window, LP-31		X	1	X									LP-31, Grey Paint	04
	1100		X	North Exterior, LP-33		X	1	X									LP-33, Green Paint	05
	1130		X	Northeast Window Exterior, LP-35		X	1	X									LP-35, white Paint	06
	1200		X	Basement Interior Door, LP-42		X	1	X									LP-42, white/green Paint	07
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 <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	

Sampled By R. Dillard / H. Smith	Date/Time 12-5-2024	Total Cost:
Relinquished By [Signature]	Date/Time 12-9-2024	
Received By [Signature]	Date/Time 12/9/24 11:10	P.I.F.
Received @ Lab By	Date/Time	

Client: Lu Engineers

Completed by: Glenn Pezzullo

Lab Project ID: 245738

Date: 12/9/24

Sample Condition Requirements

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

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



EMSL Analytical, Inc.

200 Route 130, Cinnaminson, NJ 08077
Telephone: 856-858-4800
<http://www.EMSL.com>

EMSL Order ID: 0100037

EMSL Customer ID: LUEN50

12/31/2024

LU Engineers
Mitch Smith
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 12/10/2024
The results are tabulated on the attached pages for the following client designated project:

80 Canal Street - Pre-Demo Survey 50514-13

The reference number for these samples is EMSL Order #: 0100037. 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 Director

The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certification #: **03036**

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted.



EMSL Analytical
200 Route 130 North
Telephone: (856)858-4800
<http://www.EMSL.com>

EMSL Order ID: 0100037
EMSL Customer ID: LUEN50

Attention: Mitch Smith
280 East Broad St., Suite 170
Rochester, NY 14604
msmith@luengineers.com

Project Name: 80 Canal Street - Pre-Demo Survey 50'
Received Date: 12/10/2024
Reported Date: 12/31/2024

Analytical Results

Analyte	Result	Q	DF	RL	Units	Analyzed	By	Method
Sample ID: PCB-28 White Caulk					Matrix: Solid			
LIMS ID: 0100037-01					Collected: 12/5/2024			
Prepared: 12/19/2024								

Aroclor-1016	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1221	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1232	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1242	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1248	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1254	0.47	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1260	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1262	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1268	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A

Sample Comments:

Sample ID: PCB-34 Tan Caulk
LIMS ID: 0100037-02
Prepared: 12/19/2024

Matrix: Solid
Collected: 12/5/2024

Aroclor-1016	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1221	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1232	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1242	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1248	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1254	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1260	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1262	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1268	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A

Sample Comments:

Sample ID: PCB-36 White Window Glaze
LIMS ID: 0100037-03
Prepared: 12/19/2024

Matrix: Solid
Collected: 12/5/2024

Aroclor-1016	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1221	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1232	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1242	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1248	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1254	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1260	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1262	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1268	ND	1	0.25	mg/kg	12/21/2024	AxJ	EPA 8082A

Sample Comments:



EMSL Analytical
200 Route 130 North
Telephone: (856)858-4800
<http://www.EMSL.com>

EMSL Order ID: 0100037
EMSL Customer ID: LUEN50

Attention: Mitch Smith
280 East Broad St., Suite 170
Rochester, NY 14604
msmith@luengineers.com

Project Name: 80 Canal Street - Pre-Demo Survey 501
Received Date: 12/10/2024
Reported Date: 12/31/2024

Analytical Results

Analyte	Result	Q	DF	RL	Units	Analyzed	By	Method
Sample ID: PCB-39 White Caulk					Matrix: Solid			
LIMS ID: 0100037-04					Collected: 12/5/2024			
Prepared: 12/19/2024								

Aroclor-1016	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1221	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1232	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1242	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1248	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1254	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1260	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1262	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1268	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A

Sample Comments:

Sample ID: PCB-43 Grey Window Glaze
LIMS ID: 0100037-05
Prepared: 12/19/2024

Matrix: Solid
Collected: 12/5/2024

Aroclor-1016	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1221	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1232	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1242	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1248	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1254	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1260	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1262	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A
Aroclor-1268	ND	1	0.26	mg/kg	12/21/2024	AxJ	EPA 8082A

Sample Comments:

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ 08077
Telephone: 856-858-4800
<http://www.EMSL.com>

EMSL Order ID: 0100037

EMSL Customer ID: LUEN50

Notes and Definitions

Item	Definition
Q	Qualifier
ND	Non Detect. Compound was not detected in the sample.
MDL	Minimum Detection Limit
RL	Reporting Limit
J	Estimated Value. The result is less than the the RL but above the MDL.
B	Compound found in the associated method blank.
D	Reported from a Dilution run



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

EMAIL: c@emsl.com

01-00037

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
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Project Name/No: 80 Canal Street - Pre-Demo Survey 50514-13 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	Preservative	List Test(s) Needed (Write in test below, then check on sample line:)								Comments
				W=Water S=Soil A=Air SL=Sludge O=Other	1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other <small>Describe below in Special Instructions</small>	Test 1:	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	
PCB-28		<input checked="" type="checkbox"/>	12/5/24	O		<input checked="" type="checkbox"/>								White Caulk
PCB-34		<input checked="" type="checkbox"/>	12/5/24	O		<input checked="" type="checkbox"/>								Tan Caulk
PCB-36		<input checked="" type="checkbox"/>	12/5/24	O		<input checked="" type="checkbox"/>								White Window Glaze
PCB-39		<input checked="" type="checkbox"/>	12/5/24	O		<input checked="" type="checkbox"/>								White Caulk

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

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

Method of Shipment: FedEx Sample Condition Upon Receipt:

Relinquished by: R. Dillard Date/Time: 12-9-2024 @0900 Received by: Colleen Palladini Date/Time: 12/10/24 10:30

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



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Environmental Chemistry Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North

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

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

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

Client Sample ID	Comp	Grab	Date / Time Collected	Matrix	Preservative	List Test(s) Needed (Write in test below, then check on sample line:)								Comments
				W=Water S=Soil A=Air SL=Sludge O=Other	1 HCL 2 HNO3 3 H2SO4 4 ICE 5 Other <i>Describe in Special Instructions</i>	Test 1: PCB Caulk	Test 2:	Test 3:	Test 4:	Test 5:	Test 6:	Test 7:	Test 8:	
PCB-43	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/5/24	O		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Grey Window Glaze
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

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



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

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

ATTACHMENT D

Asbestos Location Plans and Asbestos Inspection Summary Table



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ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

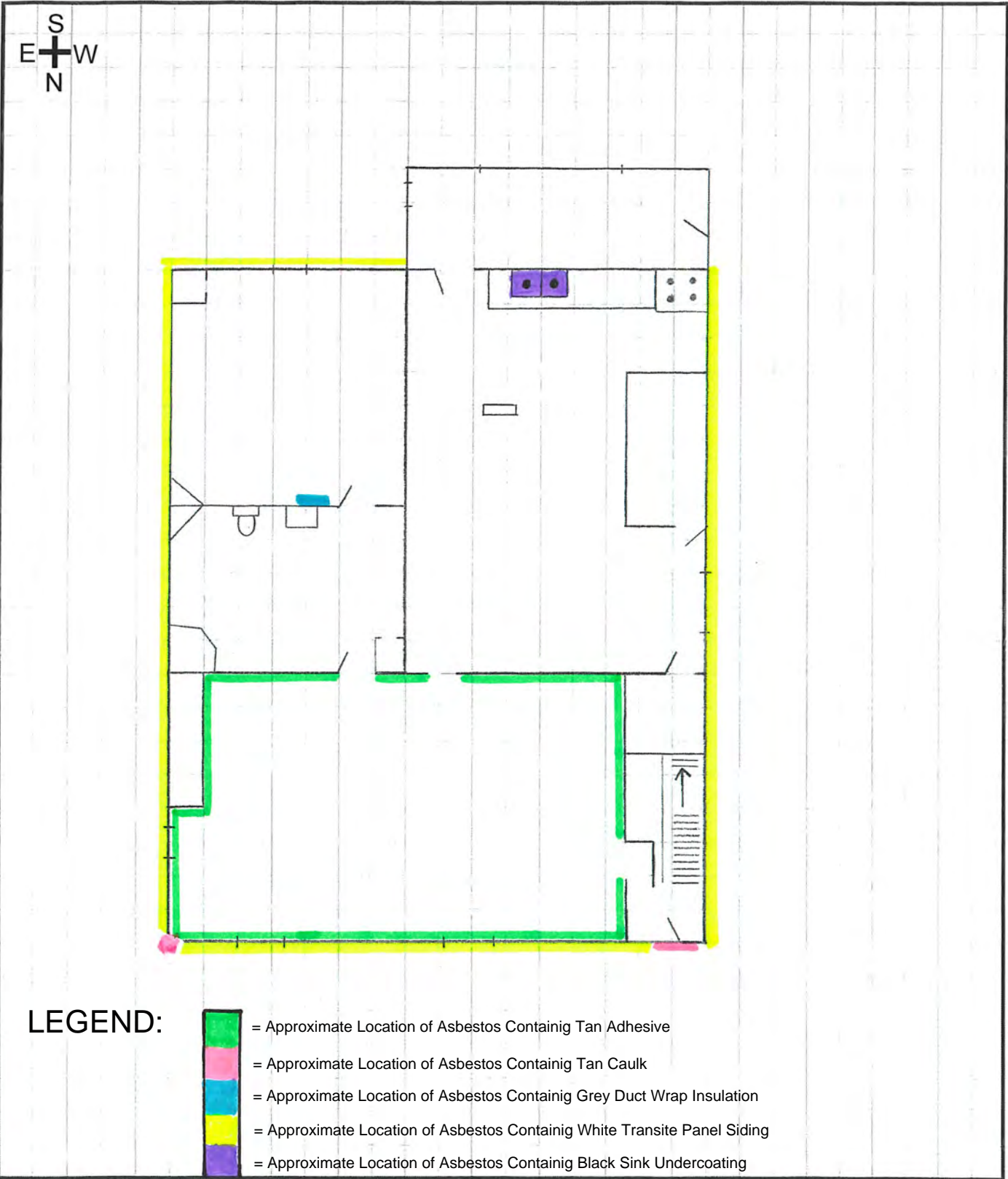
VACANT STRUCTURE
80 CANAL STREET
LYONS, NEW YORK

ASBESTOS LOCATION PLAN



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(First Floor & Exterior)

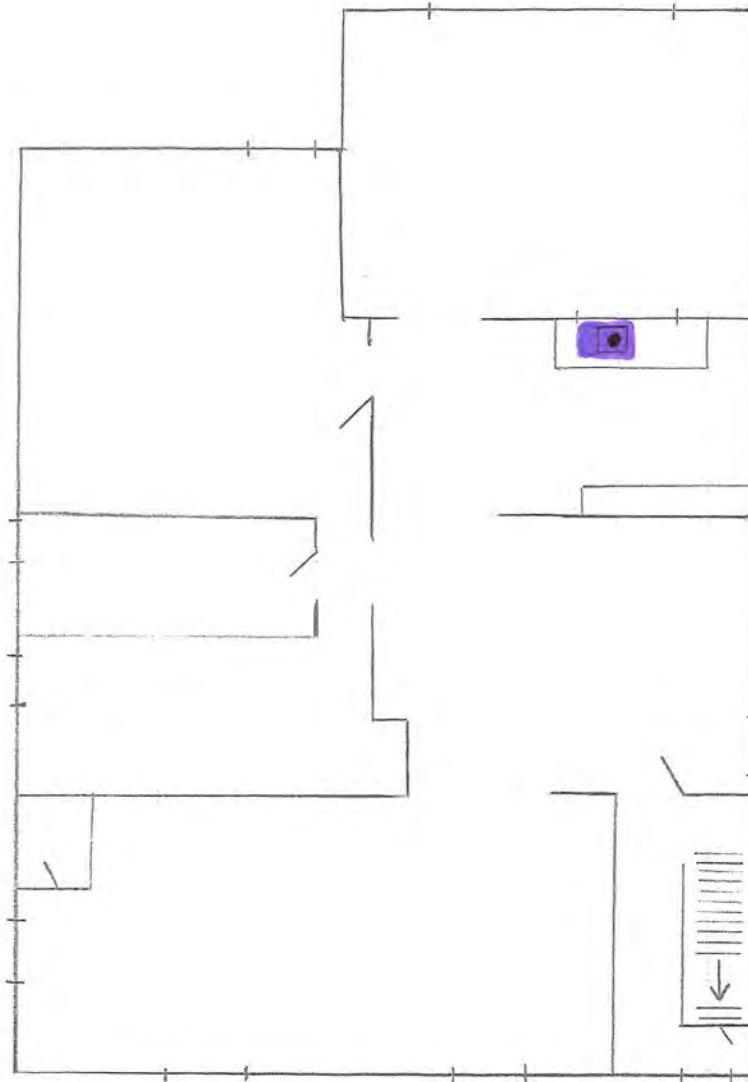




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ASBESTOS LOCATION PLAN

(Second Floor)



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

<u>Homogeneous Area Description</u>	<u>Homogeneous Area ID No.</u>	<u>Floor & Location</u>	<u>Tested or Assumed</u>	<u>ACM (Y/N)</u>	<u>Approx. Quantity</u>
Tan Adhesive	6	Living Room Wall, Behind Wood Panel	Tested	Y	419 SF
				Total	419 SF
Grey Duct Wrap Insulation	20	1 st Floor Bedroom, Behind North Wall	Tested	Y	14 SF
				Total	14 SF
Black Sink Undercoating	25	1 st and 2 nd Floor Kitchen Sinks	Tested	Y	3 SF
				Total	3 SF
Tan Caulk	34	Front Entrance Door Exterior and Northeast Corner Exter	Tested	Y	15 LF
				Total	15 LF
White Transite Panel Siding	37	North, South, East and West Exterior	Tested	Y	2,156 SF
				Total	2,156 SF

ATTACHMENT E

Site Photographs



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ASBESTOS, LEAD PAINT, and PCB CAULK SURVEY

VACANT STRUCTURE
80 CANAL STREET
LYONS, NEW YORK



Project: 80 Canal Street - Vacant House (50514-13)
Date: 12/5/2024, 8:45am
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 12/5/2024, 8:52am
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 12/5/2024, 9:42am
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 12/5/2024, 9:44am
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 12/5/2024, 11:50am
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 12/5/2024, 12:55pm
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 1/29/2025, 8:57am
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 1/29/2025, 8:57am
Creator: Ryan Dillard



Project: 80 Canal Street - Vacant House (50514-13)
Date: 1/29/2025, 9:08am
Creator: Ryan Dillard