



February 10, 2025

Mr. Joe Tomaselli
Supervisor of Buildings and Grounds
Area Cooperative Educational Services
350 State Street
New Haven, Connecticut 06473

**RE: Limited Pre-Renovation Hazardous Building Materials Inspection Report
Educational Center for Arts
55 Audubon Street
New Haven, Connecticut
Eagle Project No. 24-133.18T1**

Dear Mr. Tomaselli:

Please find the report for the limited hazardous building materials inspection conducted at the Educational Center for Arts located at 55 Audubon Street in New Haven, Connecticut. The scope of services included a limited asbestos-containing materials inspection, a limited lead-based paint screen, and a visual inspection for universal waste materials. The inspection was limited to areas planned for renovations including the pitched roof, the Heating Ventilation and Air Conditioning (HVAC) room located within the attic, Stairwell No. 2, and the east entry stair system and storage area below.

Please do not hesitate to contact us if you have any questions regarding the contents of this report.

Sincerely,
Eagle Environmental, Inc.

Report Prepared By:
Evan Kulig
Environmental Consultant I

Report Reviewed By:
Peter J. Folino
President

X:\2024 Files\2024 Reports\ACES\55 Audubon St, New Haven\HBMI\55 Audubon St - Pre-RenoDemo Haz Inspection Report.doc

TABLE OF CONTENTS

1. INTRODUCTION.....	1
1.1 General Building Description.....	1
2. SCOPE OF INSPECTION.....	2
2.1 Asbestos Containing Materials.....	2
2.2 Lead-based Paint	2
2.2.1 X-Ray Fluorescence Screen.....	2
2.3 Universal Waste Materials and Other Environmental Concerns	2
2.3.1 Polychlorinated Biphenyls (PCB) and Di-ethylhexlpthalate (DEHP) Containing Items.....	2
2.3.2 Mercury Containing Items	3
2.3.3 Used Electronics and Batteries	3
2.3.4 Chlorofluorocarbons	3
3. INSPECTION PROTOCOLS.....	3
3.1 Asbestos Containing Materials.....	3
3.1.1 Inspection.....	3
3.1.2 Bulk Sampling	4
3.1.3 Bulk Sample Analysis.....	4
3.2 Lead-based Paint	5
3.2.1 X-Ray Fluorescence Screen.....	5
3.3 Universal Waste Materials and Other Environmental Concerns	1
3.3.1 PCB and Di-ethylhexlpthalate (DEHP) Containing Items.....	1
3.3.2 Mercury Containing Items	1
3.3.3 Used Electronics and Batteries	1
3.3.4 Chlorofluorocarbons	1
4. INSPECTION RESULTS	1
4.1 Asbestos Containing Materials.....	1
4.2 Lead-based Paint	2
4.2.1 X-Ray Fluorescence Screen.....	2
4.3 Universal Waste Materials and Other Environmental Concerns	3
4.3.1 PCB and Di-ethylhexlpthalate (DEHP) Containing Items.....	3
4.3.2 Mercury Containing Items	3
4.3.3 Used Electronics and Batteries	1
4.3.4 Chlorofluorocarbons	1

LIST OF TABLES

Table I	Asbestos-Containing Materials Summary Table
Table II	Non Asbestos-Containing Materials Summary Table
Table III	Universal Waste Materials Summary Table

APPENDICES

Appendix A	Floor Plans and Roof Plans with Sample Location Diagrams
Appendix B	Asbestos Bulk Sample Laboratory Reports
Appendix C	XRF Lead-based Paint Inspection Reports
Appendix D	Eagle Environmental Inc. Licenses and Laboratory Certificates

1. INTRODUCTION

On January 31, 2025, Eagle Environmental, Inc. (Eagle) conducted a limited hazardous building materials inspection of portions of the Educational Center for Arts building located at 55 Audubon Street in New Haven, Connecticut (Site). The scope of the hazardous building material inspection included an asbestos-containing materials inspection, a lead-based paint screen, and an inspection for universal waste materials. The inspection was performed to re-roofing the existing pitched roof, replacement of mechanical equipment in the attic HVAC room, repairs to the stair system on the eastern side of the building including structural components below the stairs in the storage room and security upgrades in Stairwell No. 2. Areas outside of this scope of work were not inspected.

1.1 General Building Description

The subject building located at 55 Audubon Street, New Haven, CT is a five-story masonry structure. The structure was built in the 1880's, and additions to the building were added in the early 2000's. The building has a full basement. The mechanical equipment consists of a gas fired forced hot air system with metal duct work which is located in the attic mechanical space. Additionally, two hot water boilers are located beneath the southwestern stairwell of the structure. The interior wall and ceilings are sheetrock and joint compound construction with residual two coat plaster on lath. The window frames and sashes are metal. The door frames are metal with metal doors. The floors are finished with various resilient flooring finishes. The roof is pitched with asphalt shingles.

Inspection Area Descriptions

Area 1 (Main pitched roof) – The existing pitched roof consists of asphalt roof shingles, over roof felt paper on a layer of plywood. The plywood is installed over an approximately $\frac{3}{4}$ inch thick insulating blue foam board on a wood roof deck. The bottom layer of roof deck contained and apparent tar coating. Caulking material was on the original stone ornamental features. Access to the roof is through the southeastern stairwell and up a ladder that leads to a metal roof hatch. The existing asphalt roof shingles are scheduled for replacement.

Area 2 (Attic HVAC) – The attic HVAC room contains two HVAC units with hot water and cold water piping and uninsulated metal ductwork. Spray-applied fireproofing is located on the existing structural steel beams, wooden roof deck. The spray-applied fireproofing is delaminating and was observed on the wood catwalk and HVAC equipment. The fireproofing was confirmed to be non-asbestos. Access to the attic HVAC area is adjacent to the roof entrance in the southeastern stairwell via a 4'x3' door. The existing HVAC equipment is scheduled for replacement.

Area 3 (Stair No. 2) – Stair No. 2 can be accessed from the exterior on the southwest side of the building. The walls are finished sheetrock, which was installed in the early 2000's. The stair landings and treads are concrete with metal stair underpans. The flooring consists of vinyl flooring on concrete. The access doors onto each floor from the stairwells are metal with metal frames. The stairwell is constructed adjacent to the existing elevator. Security upgrades within the stairwell and elevator key pad upgrades will be performed.

Area 4 (Eastern Stair System and Storage Area). The eastern exterior stair system consists masonry stairs with metal hand rails. The stair system is supported by structural steel components within the storage area below. The original structural steel supporting the masonry stair system has given way to gradual rust and is currently braced with steel

supports. A flashing tar cement was utilized at the junction points between the masonry stairs and steel as a sealant. The flooring within the storage area consists of a bare concrete slab, and the walls are masonry. The stair system is scheduled for repairs.

2. SCOPE OF INSPECTION

The inspection was limited to the main pitched roof (Area 1), the attic HVAC area (Area 2), Stair No. 2 (Area 3), and the eastern stair system and underlying storage area (Area 4). The inspection included asbestos-containing materials, lead-based paint and universal waste materials.

2.1 Asbestos Containing Materials

The asbestos inspection was conducted in order to satisfy the United States Environmental Protection Agency (USEPA) National Emission Standard for Hazardous Air Pollutants Act (NESHAP) as amended November 20, 1990. The USEPA NESHAP final rule requires the facility owner to perform a thorough inspection for asbestos prior to renovation or demolition.

The asbestos inspection was performed by Evan Kulig; a CT DPH licensed Asbestos Inspector (license 001140).

2.2 Lead-based Paint

2.2.1 X-Ray Fluorescence Screen

The lead-based paint (LBP) screen was performed in accordance with the requirements of the State of Connecticut, Department of Energy and Environmental Protection (DEEP), Guidance for the Management and Disposal of Lead Contaminated Materials Generated in the Lead Abatement, Renovation and Demolition Industries. The DEEP regulates the disposal of hazardous lead waste in the State of Connecticut. Lead-contaminated debris, not contaminated with other hazardous materials, is classified either as hazardous lead waste or as non-hazardous solid waste.

Additionally, the U.S. Department of Labor Occupational Safety and Health Administration (OSHA) regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead in Construction.

The lead-based paint screen was performed by Nicholas Mussen; a CT DPH licensed Lead Inspector (license #002291).

2.3 Universal Waste Materials and Other Environmental Concerns

2.3.1 Polychlorinated Biphenyls (PCB) and Di-ethylhexlphthalate (DEHP) Containing Items

PCB and DEHP lighting ballasts and electrical equipment, including capacitors and switches that contain PCBs, are regulated under the Toxic Substances Control Act of 1976 (TSCA) which bans the manufacturing and distribution of PCBs and regulates their storage and disposal.

PCBs and DEHP can be found in a number of items, including lighting ballast and electrical equipment, including capacitors and switches. DEHP and PCB-containing items such as these must be managed and disposed of in accordance

with special requirements. A visual inspection for PCB and DEHP containing items was performed at the Site building.

2.3.2 Mercury Containing Items

Fluorescent lamps, thermostats, mercury switches, manometers, natural gas meters and other items can contain enough mercury to be classified as a special waste, and therefore may not be disposed of as regular construction debris. The mercury and mercury vapors associated with these products must be reclaimed prior to disposal or recycling of the products. A visual inspection for the presence of fluorescent lamps, thermostats and switches potentially containing mercury was performed at the Site building.

2.3.3 Used Electronics and Batteries

Used electronics and batteries may contain enough lead, mercury, cadmium or acid electrolytes to be classified as universal waste. In such cases, they may not be disposed of as regular construction debris. A visual inspection for the presence of used electronic devices was performed at the Site building.

2.3.4 Chlorofluorocarbons

Freon gas includes a number of gaseous, colorless chlorofluorocarbons (CFCs) that are commonly used as refrigerants. Freon is listed as a controlled substance by governments around the world. In the United States, the USEPA regulates the emission of Freon gas into the atmosphere due to its ozone depleting capabilities. Through Title VI, Stratospheric Ozone Protection, of the Clean Air Act Amendments of 1990, the USEPA regulates Freon gas and requires mandatory recycling and a ban on the intentional venting or releasing of refrigerants during maintenance, service and or repair. A visual inspection for the presence of building materials potentially containing Freon was performed at the Site building.

3. INSPECTION PROTOCOLS

3.1 Asbestos Containing Materials

3.1.1 Inspection

The asbestos-containing materials (ACM) inspection was limited to Areas 1, 2, 3, and 4 as described in the scope of work section of this report. Semi-destructive testing techniques were utilized during the inspection process. This included cutting through various layers of flooring and roofing materials to verify and sample individual layers of suspect ACM. Suspect building materials that are inaccessible for inspection and sampling are assumed to be ACM for the purpose of this report. These suspect materials are generally located in operational equipment, behind rigid walls and ceilings, below rubber roof membranes or otherwise concealed areas of the building, including below grade materials.

During the inspection, suspect materials are located, sampled, quantified and the friability of the material is determined. Friable materials are those materials that hand pressure can crumble, pulverize or reduce to powder when dry. An estimated quantity of identified ACM is provided for positive materials only. The materials are quantified in linear or square feet, depending on the nature of the material.

3.1.2 Bulk Sampling

During the sampling process, suspect ACM is separated into three (3) USEPA categories. These categories are: Thermal System Insulation (TSI), Surfacing Materials (SURF) and Miscellaneous materials (MISC). TSI includes all materials used to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe covering, boiler insulation, duct wrap and mudpack fitting cement. Surfacing ACM includes all ACM that is sprayed, toweled or otherwise applied to an existing surface. These applications are most commonly used in fireproofing, decorative and acoustical applications. Miscellaneous materials include all ACM not listed in thermal or surfacing, such as linoleum, vinyl asbestos flooring and ceiling tile.

Bulk sampling was performed in a random method. Bulk sampling methods and number of samples collected meets or exceeds the USEPA requirements.

3.1.3 Bulk Sample Analysis

The samples of the suspect asbestos containing materials were sent to a CT DPH approved laboratory for analysis by Polarized Light Microscopy (PLM). PLM is the USEPA accepted method of analysis for identification of asbestos in bulk matrices. Samples are collected individually or in sets. When sets of samples are collected, each set is systematically analyzed until one sample is determined to contain asbestos. Upon the determination of the presence of asbestos in one sample in the set, analysis of the remaining samples in the set is discontinued. If no asbestos is observed during analysis of the set of samples, the suspect material is determined to be negative for asbestos content.

Sample analysis results are reported in percentage of asbestos and non-asbestos components. The USEPA defines any material that contains greater than one percent (>1%) asbestos, utilizing PLM, as being an ACM. CT DPH defines any material containing equal to or greater than one percent ($\geq 1\%$) as being ACM. Suspect materials containing greater than or equal to one percent ($\geq 1\%$) asbestos utilizing the PLM Point Count Method and the NOB TEM method are also considered to be asbestos-containing. Materials determined to contain greater than or equal to one percent ($\geq 1\%$) asbestos are regulated by the USEPA, the CT DPH and DEEP and the United States Department of Labor. Sample results indicating “no asbestos detected” (NAD) are specified as non-ACM. Samples results indicating “Did Not Analyze” (DNA) are not analyzed due to the stop on first positive request to the laboratory.

3.1.3.1 Friable ACM Analysis

Certain samples of friable materials shown to contain less than ten percent (<10%) asbestos are analyzed further by the “Point Count Method”. This procedure is recommended by the United States Environmental Protection Agency to confirm friable bulk samples shown to have less than ten percent (<10%) asbestos by PLM to be definitively negative or positive for asbestos. This method is accepted as providing statistically reliable results when analyzing bulk samples with very low asbestos concentrations. Friable materials containing “Trace” or “less than one percent (<1%)” asbestos must be analyzed by the PLM Point Count Method. None of the samples were further analyzed by the PLM Point Count Method.

3.1.3.2 Non Friable ACM Analysis

Certain samples of organically bound non-friable materials shown to contain “less than 1% asbestos”, “TRACE” or “NAD” are recommended for analyses by the “NOB TEM ELAP 198.4 Method”. This procedure is recommended by the United States Environmental Protection Agency to further evaluate non-friable organically bound materials for asbestos. Suspect materials confirmed by NOB TEM to be “less than one percent (<1%) asbestos”, “TRACE” or “NAD” are considered non-asbestos containing. None of the samples were further analyzed by the NOB TEM Method.

3.2 Lead-based Paint

3.2.1 X-Ray Fluorescence Screen

The lead-based paint screen was performed utilizing a SciAps X-550Pb lead paint analyzer within the limits of the inspection area(s). The screen includes only accessible areas within the inspection area(s) and accessible building materials.

The lead-based paint screen includes testing limited components and or surfaces throughout the structure. It is not the intent to test all painted components, but to identify on a broad scale the impact of lead paint as it relates to the disposal of lead paint contaminated debris and potential worker exposure issues. Generally, wall and ceiling surfaces, painted floors, window and door systems are tested. Other components such as baseboards, cabinets, columns, trim, etc. are tested on a limited basis. Component and surface locations are identified by side designations represented by the letters "A", "B", "C", and "D". The "A" side is considered the front of the building with the "B", "C", and "D" sides following in a clockwise order.

The data is presented on computer generated Lead Inspection Reports contained in Appendix C. The Summary Report provides an inventory of each surface coating that contains lead at or above 1.0 mg/cm². The Detailed Report is an inventory of each tested surface on a room-by-room basis.

For the purpose of this report, the XRF results are separated into two (2) categories; high levels of lead (≥ 1.0 mg/cm²) and low levels of lead (<1.0 mg/cm²). Building materials containing high levels of lead have a greater probability of creating worker exposures during construction than do building materials with low levels of lead. Additionally, lead waste characterization sampling is required for building materials containing high levels of lead (≥ 1.0 mg/cm²) and will become a waste product as a result of demolition or renovation activities.

OSHA regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead Exposure in Construction; Interim Final Rule. Currently, OSHA does not define a threshold level of lead in paint that may cause worker exposure. Any detectable level of lead in paint (>0.0 mg/cm² +/- 0.3 mg/cm² by XRF or ≥ 0.01 % by AAS) requires task specific exposure monitoring.

3.3 Universal Waste Materials and Other Environmental Concerns

3.3.1 PCB and Di-ethylhexlphthalate (DEHP) Containing Items

A visual inspection for the presence of lighting ballasts and electrical equipment potentially containing PCB's or DEHP was performed within the inspection areas. Lighting ballasts and oil-filled capacitor manufactured after 1979 may have "NO PCB's" stamped on its casing. These are filled with oil which does not contain PCB's but may contain DEHP. Lighting ballasts and Capacitors with date stamps prior to 1979 or no date stamps are assumed to contain PCB's. Lighting ballasts and capacitors labeled as "No PCB's" are assumed to contain DEHP if the date stamp is illegible or non-existent. Electronic ballasts are not assumed to contain PCB's or DEHP.

3.3.2 Mercury Containing Items

During the visual inspection process, fluorescent, metal halide and sodium lamps are assumed to contain mercury vapors. Thermostatic controls, switches, manometers, capacitors and other used electronic components are inventoried during the inspection process.

3.3.3 Used Electronics and Batteries

An inventory of used electronics that may fall under the Universal Waste regulations was developed during the inspection. These materials include but are not limited to lead acid batteries in emergency lighting and exit signs and stored electronic equipment that may contain hazardous or regulated substances. Electronic components such as computers, copy machines, etc that are in use at the time of the inspection are generally not included in the inventory.

3.3.4 Chlorofluorocarbons

Eagle inspected the targeted areas for potential Freon containing equipment, such as HVAC condensers and rooftop HVAC units where present. Tanks associated with these types of equipment are assumed to contain Freon. The size and quantity of tanks are estimated and recorded.

4. INSPECTION RESULTS

4.1 Asbestos Containing Materials

During the course of the building inspection sixty-six (66) bulk samples of suspect ACM were collected and sixty-four (64) samples were analyzed by PLM based on the "stop on first positive" request to the laboratory. No samples were analyzed by the by PLM Point Count Method or NOB TEM Method.

From the sixty-four (64) samples analyzed, the following materials were found to be ACM:

- Flashing tar on underside of masonry stairs (Area 4)
- Black tar adhesive on decorative stone cap (Area 1)

The summaries of asbestos and non-asbestos materials are presented in Tables I and II respectively. The asbestos analysis laboratory reports are provided in Appendix B.

Any suspect material not specifically identified in this report as non-ACM should be assumed to contain asbestos unless sample results prove otherwise. Eagle recommends that a project specification for asbestos abatement be prepared to further clarify the type, location and quantity of ACM requiring abatement. This report is not intended to serve as a scope of work or technical specification for asbestos abatement.

All regulated friable and regulated non-friable ACM must be removed prior to renovation activities. A State of Connecticut Licensed Asbestos Abatement Contractor must be retained to perform the removal work. Visual inspections and air clearances must be performed within each abatement area at the completion of the abatement work. The visual inspections and air clearances must be performed by a State of Connecticut licensed Asbestos Project Monitor. The abatement areas must meet final visual and air clearance inspection criteria prior to building renovation. Re-occupancy air monitoring is required if the building will be re-entered by any person following abatement and prior to demolition. This includes but is not limited to entry for utility disconnects, salvage, equipment removal, etc.

State of Connecticut Regulatory Notification Requirements

The Asbestos Abatement Contractor must submit a notice of asbestos abatement to the CT DPH post marked or hand delivered ten (10) calendar days prior to the commencement of any asbestos abatement activities involving the abatement of greater than ten (10) linear feet or twenty-five (25) square feet of asbestos-containing materials. The asbestos abatement notification satisfies the DPH regulatory requirements for demolition notification. For asbestos abatement projects involving less than ten (10) linear feet or twenty-five (25) square feet of asbestos-containing materials or projects where no regulated asbestos-containing materials are identified, the facility owner or any person who will be conducting demolition must submit a demolition notification to the CT DPH post marked or hand delivered ten (10) days prior to the commencement of demolition activities.

United States Environmental Protection Agency Notification Requirements

As of December 14, 2017, the facility owner/operator must provide a notification of demolition and renovation under the USEPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation 40 CFR Part 61 Subpart M. The facility owner must submit notification to the USEPA for all demolition projects ten (10) working days prior to all demolition projects, which fall under the NESHAP regulation regardless of the presence of asbestos-containing materials. The facility owner must also provide notification to the USEPA for all renovation project ten (10) working days prior to all renovation projects involving greater than one hundred sixty (>160) square feet or greater than two hundred sixty (>260) linear feet or thirty-five (35) cubic feet of regulated asbestos-containing materials.

State and federal notifications are completely independent of one another and both regulatory agencies must be notified when applicable.

4.2 Lead-based Paint

4.2.1 X-Ray Fluorescence Screen

A total of thirty four (34) XRF readings were collected during the lead-based paint screen of the building, including instrument calibration readings. From the thirty four (34) readings, five (5) surfaces or components were found to contain high levels of lead.

The general inventory of surfaces containing high levels of lead include the following surfaces:

Interior

- Under stringer, metal (White) - Area 4
- Wall, brick (White) – Area 4

Exterior

- Unpainted lead roof flashing, metal - Area 1

The under stringers in Area 4 consists of steel stair supports that run perpendicular to the stair system following the pitch of the stairs.

OSHA regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead Exposure in Construction; Interim Final Rule. Currently, OSHA does not define a threshold level of lead in paint that may cause worker exposure. Any detectable level of lead in paint ($>0.0 \text{ mg/cm}^2 \pm 0.3 \text{ mg/cm}^2$ by XRF or $>0.01 \%$ by AAS) requires task specific exposure monitoring. This “initial exposure assessment” must be conducted by trained workers utilizing appropriate personal protective equipment. Exposure assessments must be conducted for each task where painted surfaces or components are disturbed.

Examples of task subject to initial monitoring when detectable levels of lead are identified include but are not limited to surface preparation for repainting, manual demolition of components with detectable levels of lead paint and the welding, cutting or grinding of steel with detectable levels of lead in paint.

A complete inventory of tested building materials is presented in Detailed Reports contained Appendix C.

4.3 Universal Waste Materials and Other Environmental Concerns

4.3.1 PCB and Di-ethylhexylphthalate (DEHP) Containing Items

No PCB or DEHP containing lighting ballasts were identified during the inspection. The ballasts that were observed are electronic. Eight (8) capacitors associated with electric motors and unit heaters in the attic HVAC room and fan room were identified. The capacitors must be removed for proper disposal if the motors will be discarded as part of the renovation work.

4.3.2 Mercury Containing Items

A total of approximately two-hundred fifty-six (256) linear feet of fluorescent light tubes and five (5) compact fluorescent light bulbs were identified during the inspection. The quantity of fluorescent lights represent the inspected areas only. It is uncertain if any of the fluorescent lights will be impacted by the work of this project. Fluorescent lights that will be impacted by the work must be removed from the building for proper recycling. The quantities and locations of the fluorescent lights are provided in Table III.

4.3.3 Used Electronics and Batteries

Seven (7) fire alarms, eight (8) exit signs and four (4) emergency lighting systems potentially containing lead-acid/nickel cadmium batteries were identified. The batteries must be removed for proper recycling if they will become a waste material as a result of renovation activities. The quantities and locations of the equipment is provided in Table III.

4.3.4 Chlorofluorocarbons

No refrigerant tanks were observed with the equipment in the attic HVAC room.

TABLE I

ASBESTOS CONTAINING MATERIALS SUMMARY TABLE

KEY FOR TABLES I and II

* Please utilize the following key for abbreviations used in Tables I and II

KEY		ANALYTICAL METHODS
DNA = DID NOT ANALYZE NAD = NO ASBESTOS DETECTED F = FRIABLE NF = NON-FRIABLE TSI = THERMAL SYSTEMS INSULATION SURF = SURFACING MATERIAL MISC = MISCELLANEOUS MATERIAL	SF = SQUARE FEET LF = LINEAR FEET Chrys = Chrysotile Amos = Amosite Anth = Anthophyllite Trem = Tremolite Croc = Crocidolite	PLM PC = EPA 600/R-93/116 QUANTITATION 400 POINT COUNT TEM NOB = NEW YORK ELAP 198.4 METHOD PLM = EPA 600/R-93/116 PS = Previously Sampled EA = Each IM = Insufficient Material
BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION		

**TABLE I
 ASBESTOS CONTAINING MATERIALS
 SUMMARY TABLE
 ED CENTER OF ARTS
 55 SUDUBON STREET
 NEW HAVEN, CONNECTICUT**

LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS				ESTIMATED QUANTITY	F/NF
				PLM	PLM PC	TEM NOB	ACM		
Roof Area 1	Black tar adhesive at decorative stone cap	01-31-EK-07A	MISC	4% Chrys			YES	10 LF	NF
		01-31-EK-07B		DNA					
Area 4	Flashing tar on red stone stairs - black	01-31-EK-25A	MISC	4% Chrys			YES	240 LF	NF
		01-31-EK-25B		DNA					

TABLE II

NON-ASBESTOS-CONTAINING MATERIALS SUMMARY TABLE

KEY FOR TABLES I and II

* Please utilize the following key for abbreviations used in Tables I and II

KEY		ANALYTICAL METHODS
DNA = DID NOT ANALYZE NAD = NO ASBESTOS DETECTED F = FRIABLE NF = NON-FRIABLE TSI = THERMAL SYSTEMS INSULATION SURF = SURFACING MATERIAL MISC = MISCELLANEOUS MATERIAL	SF = SQUARE FEET LF = LINEAR FEET Chrys = Chrysotile Amos = Amosite Anth = Anthophyllite Trem = Tremolite Croc = Crocidolite	PLM PC = EPA 600/R-93/116 QUANTITATION 400 POINT COUNT TEM NOB = NEW YORK ELAP 198.4 METHOD PLM = EPA 600/R-93/116 PS = Previously Sampled EA = Each IM = Insufficient Material
BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION		

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
ED CENTER OF ARTS
55 AUDUBON STREET
NEW HAVEN, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Roof Area 1	Black coating on original wood roof deck	01-31-EK-01A	MISC	NAD			NO
		01-31-EK-01B		NAD			
Roof Area 1	Foamboard - green	01-31-EK-02A	MISC	NAD			NO
		01-31-EK-02B		NAD			
Roof Area 1	Tar paper under asphalt shingles	01-31-EK-03A	MISC	NAD			NO
		01-31-EK-03B		NAD			
Roof Area 1	Asphalt shingle	01-31-EK-04A	MISC	NAD			NO
		01-31-EK-04B		NAD			
Roof Area 1	Dark grey caulk at decorative stone cap	01-31-EK-05A	MISC	NAD			NO
		01-31-EK-05B		NAD			
Roof Area 1	Light grey caulk at decorative stone cap	01-31-EK-06A	MISC	NAD			NO
		01-31-EK-06B		NAD			
Roof Area 1	Salmon caulk (original) at decorative stone cap	01-31-EK-08A	MISC	NAD			NO
		01-31-EK-08B		NAD			
Roof Area 1	Grout at decorative stone cap	01-31-EK-09A	MISC	NAD			NO
		01-31-EK-09B		NAD			
Roof Area 1	Rubbered coating - grey at access tower	01-31-EK-10A	MISC	NAD			NO
		01-31-EK-10B		NAD			

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
ED CENTER OF ARTS
55 AUDUBON STREET
NEW HAVEN, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
HVAC Room Area 2	Paper backer on fiberglass insulation - white	01-31-EK-11A	MISC	NAD			NO
		01-31-EK-11B		NAD			
		01-31-EK-11C		NAD			
HVAC Room Area 2	Spray on fireproof insulation on structural steel, wood roofing and floor	01-31-EK-12A	MISC	NAD			NO
		01-31-EK-12B		NAD			
		01-31-EK-12C		NAD			
HVAC Room Area 2	Caulking at duct work seams - grey	01-31-EK-13A	MISC	NAD			NO
		01-31-EK-13B		NAD			
HVAC Room Area 2	Adhesive associated with air handler fiberglass insulation	01-31-EK-14A	MISC	NAD			NO
		01-31-EK-14B		NAD			
HVAC Room Area 2	Black fiberglass insulation at air handler	01-31-EK-15A	MISC	NAD			NO
		01-31-EK-15B		NAD			
		01-31-EK-15C		NAD			
HVAC Room Area 2	Top paper layer on fiberglass insulation at air handles	01-31-EK-16A	MISC	NAD			NO
		01-31-EK-16B		NAD			
		01-31-EK-16C		NAD			

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
ED CENTER OF ARTS
55 AUDUBON STREET
NEW HAVEN, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Stairwell Area 3	Yellow mastic associated with vinyl floor tiles	01-31-EK-17A	MISC	NAD			NO
		01-31-EK-17B		NAD			
Stairwell Area 3	Orange vinyl floor tile 18" x 18"	01-31-EK-18A	MISC	NAD			NO
		01-31-EK-18B		NAD			
Stairwell Area 3	Sheetrock - white	01-31-EK-19A	MISC	NAD			NO
		01-31-EK-19B		NAD			
Stairwell Area 3	Joint compound - white	01-31-EK-20A	MISC	NAD			NO
		01-31-EK-20B		NAD			
Stairwell Area 3	Interior door caulk - white	01-31-EK-21A	MISC	NAD			NO
		01-31-EK-21B		NAD			
Stairwell Area 3	Adhesive with vinyl cove base - tan/beige	01-31-EK-22A	MISC	NAD			NO
		01-31-EK-22B		NAD			
Stairwell Area 3	Vinyl cove base - black	01-31-EK-23A	MISC	NAD			NO
		01-31-EK-23B		NAD			
Area 4	Brick wall grout - brown	01-31-EK-24A	MISC	NAD			NO
		01-31-EK-24B		NAD			
Area 4	Bottom layer plaster rough coat - brown	01-31-EK-26A	SURF	NAD			NO
		01-31-EK-26B		NAD			
		01-31-EK-26C		NAD			
Area 4	Top layer plaster skim coat - white	01-31-EK-27A	SURF	NAD			NO
		01-31-EK-27B		NAD			
		01-31-EK-27C		NAD			
Area 4	Mastic associated with 16" x 16" floor tile - grey	01-31-EK-28A	MISC	NAD			NO
		01-31-EK-28B		NAD			

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
ED CENTER OF ARTS
55 AUDUBON STREET
NEW HAVEN, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Area 4	16" x 16" Floor tile - light grey with white and grey specks	01-31-EK-29A	MISC	NAD			NO
		01-31-EK-29B		NAD			
Exterior Façade D	Rubber caulk at exterior stair treads - black	01-31-EK-30A	MISC	NAD			NO
		01-31-EK-30B		NAD			

TABLE III

UNIVERSAL WASTE MATERIALS SUMMARY TABLE

**TABLE III
 UNIVERSAL WASTE PRODUCTS SUMMARY TABLE
 ED CENTER OF ARTS
 55 AUDUBON STREET
 NEW HAVEN, CONNECTICUT**

ROOM	FIXT. TYPE	BALLASTS			LAMPS				ELECTRONICS		CAPACITORS		CFC UNITS		T-STAT	BATTERIES			
		PCB	DEHP	ELEC.	LF	RD	U-S	CF	#	DESC.	#	DESC.	#	DESC.		FA	ES	ELS	
HVAC								5			6	Electric motors				1	1	3	
Fan Room											2	Unit Heaters							
West Stair	1			10	160											6	7		
	2			8	64														
Front Stair	3			4	32													1	
TOTAL		0	0	22	256	0	0	5	0		8			0		0	7	8	4
Key:	LF = Linear Feet / RD = Round / U-S = U-Shaped / CF = Compact Fluorescent / T-STAT = Thermostats FA = Fire Alarm / ES = Exit Sign / ELS = Emergency Lighting System																		
Fixture Type Description & Notes	1. 4 4-foot flourescent bulbs - wall mounted - 2 electric ballast																		
	2. 2 4-foot flourescent bulbs - wall mounted - 1 electric ballast																		
	3. 2 4-foot flourescent bulbs - hanging - 1 electric ballast																		

APPENDIX A

**FLOOR PLANS AND ROOF PLANS WITH SAMPLE LOCATION
DIAGRAMS**

APPENDIX B

ASBESTOS BULK SAMPLE LABORATORY REPORTS



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Project: ACES - 55 Audobon St, New Haven

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-01A	Black coating on original wood roof deck	None Detected		100% Other	Black Non-Fibrous Homogeneous
10074212_0001					Dissolved
01-31-EK-01B	Black coating on original wood roof deck	None Detected		100% Other	Black Non-Fibrous Homogeneous
10074212_0002					Dissolved
01-31-EK-02A	Foamboard - green	None Detected		100% Other	Green Non-Fibrous Homogeneous
10074212_0003					Dissolved
01-31-EK-02B	Foamboard - green	None Detected		100% Other	Green Non-Fibrous Homogeneous
10074212_0004					Dissolved
01-31-EK-03A	Tar paper under asphalt shingles	None Detected	80% Cellulose	20% Other	Black Fibrous Homogeneous
10074212_0005					Dissolved
01-31-EK-03B	Tar paper under asphalt shingles	None Detected	80% Cellulose	20% Other	Black Fibrous Homogeneous
10074212_0006					Dissolved
01-31-EK-04A	Asphalt shingle	None Detected	10% Fiber Glass	90% Other	Black Fibrous Homogeneous
10074212_0007					Dissolved
01-31-EK-04B	Asphalt shingle	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0008					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Project: ACES - 55 Audobon St, New Haven

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-05A	Dark grey caulk at decorative stone cap	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0009					Ashed
01-31-EK-05B	Dark grey caulk at decorative stone cap	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0010					Ashed
01-31-EK-06A	Light grey caulk at decorative stone cap	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0011					Ashed
01-31-EK-06B	Light grey caulk at decorative stone cap	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0012					Ashed
01-31-EK-07A	Black tar adhesive at decorative stone cap	4% Chrysotile		96% Other	Black Non-Fibrous Homogeneous
10074212_0013					Dissolved
01-31-EK-07B	Black tar adhesive at decorative stone cap	Not Analyzed			
10074212_0014					
01-31-EK-08A	Salmon caulk (original) at decorative stone cap	None Detected		100% Other	Pink Non-Fibrous Homogeneous
10074212_0015					Ashed
01-31-EK-08B	Salmon caulk (original) at decorative stone cap	None Detected		100% Other	Pink Non-Fibrous Homogeneous
10074212_0016					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Project: ACES - 55 Audobon St, New Haven

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-09A	Grout at decorative stone cap	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0017					Crushed
01-31-EK-09B	Grout at decorative stone cap	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0018					Crushed
01-31-EK-10A	Rubbered coating - grey at access tower	None Detected		100% Other	Black Non-Fibrous Homogeneous
10074212_0019					Dissolved
01-31-EK-10B	Rubbered coating - grey at access tower	None Detected		100% Other	Black Non-Fibrous Homogeneous
10074212_0020					Dissolved
01-31-EK-11A	Paper backer on fiberglass insulation - white	None Detected	90% Cellulose	10% Other	White Fibrous Homogeneous
10074212_0021					Teased
01-31-EK-11B	Paper backer on fiberglass insulation - white	None Detected	90% Cellulose	10% Other	White Fibrous Homogeneous
10074212_0022					Teased
01-31-EK-11C	Paper backer on fiberglass insulation - white	None Detected	90% Cellulose	10% Other	White Fibrous Homogeneous
10074212_0023					Teased
01-31-EK-12A	Spray on fireproof insulation on structural steel, wood roofing and floor	None Detected	50% Mineral Wool	50% Other	Gray Fibrous Homogeneous
10074212_0024					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Project: ACES - 55 Audobon St, New Haven

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-12B	Spray on fireproof insulation on structural steel, wood roofing and floor	None Detected	50% Mineral Wool	50% Other	Gray Fibrous Homogeneous
10074212_0025					Dissolved
01-31-EK-12C	Spray on fireproof insulation on structural steel, wood roofing and floor	None Detected	50% Mineral Wool	50% Other	Gray Fibrous Homogeneous
10074212_0026					Dissolved
01-31-EK-13A	Caulking at duct work seams - grey	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0027					Ashed
01-31-EK-13B	Caulking at duct work seams - grey	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0028					Ashed
01-31-EK-14A	Adhesive associated with air handler fiberglass insulation	None Detected		100% Other	Black Non-Fibrous Homogeneous
10074212_0029					Dissolved
01-31-EK-14B	Adhesive associated with air handler fiberglass insulation	None Detected		100% Other	Black Non-Fibrous Homogeneous
10074212_0030					Dissolved
01-31-EK-15A	Black fiberglass insulation at air handler	None Detected	99% Fiber Glass	1% Other	Black Fibrous Homogeneous
10074212_0031					Teased
01-31-EK-15B	Black fiberglass insulation at air handler	None Detected	99% Fiber Glass	1% Other	Black Fibrous Homogeneous
10074212_0032					Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Project: ACES - 55 Audobon St, New Haven

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-15C	Black fiberglass insulation at air handler	None Detected	99% Fiber Glass	1% Other	Black Fibrous Homogeneous
10074212_0033					Teased
01-31-EK-16A	Top paper layer on fiberglass insulation at air handles	None Detected	80% Mineral Wool	20% Other	Black Fibrous Homogeneous
10074212_0034					Teased
01-31-EK-16B	Top paper layer on fiberglass insulation at air handles	None Detected	80% Mineral Wool	20% Other	Black Fibrous Homogeneous
10074212_0035					Teased
01-31-EK-16C	Top paper layer on fiberglass insulation at air handles	None Detected	80% Mineral Wool	20% Other	Black Fibrous Homogeneous
10074212_0036					Teased
01-31-EK-17A	Yellow mastic associated with vinyl floor tiles	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10074212_0037					Dissolved
01-31-EK-17B	Yellow mastic associated with vinyl floor tiles	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10074212_0038					Dissolved
01-31-EK-18A	Orange vinyl floor tile 18" x 18"	None Detected		100% Other	Red Non-Fibrous Homogeneous
10074212_0039					Dissolved
01-31-EK-18B	Orange vinyl floor tile 18" x 18"	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10074212_0040					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Project: ACES - 55 Audobon St, New Haven

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-19A	Sheetrock - white	None Detected	10% Cellulose	90% Other	Brown, Gray Fibrous Heterogeneous
10074212_0041					Crushed
01-31-EK-19B	Sheetrock - white	None Detected	10% Cellulose	90% Other	Brown, Gray Fibrous Heterogeneous
10074212_0042					Crushed
01-31-EK-20A	Joint compound - white	None Detected		100% Calcium	White Non-Fibrous Homogeneous
10074212_0043					Crushed
01-31-EK-20B	Joint compound - white	None Detected		100% Other	White Non-Fibrous Homogeneous
10074212_0044					Crushed
01-31-EK-21A	Interior door caulk - white	None Detected		100% Other	White Non-Fibrous Homogeneous
10074212_0045					Ashed
01-31-EK-21B	Interior door caulk - white	None Detected		100% Other	White Non-Fibrous Homogeneous
10074212_0046					Ashed
01-31-EK-22A	Adhesive with vinyl cove base - tan/beige	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10074212_0047					Dissolved
01-31-EK-22B	Adhesive with vinyl cove base - tan/beige	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10074212_0048					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Project: ACES - 55 Audobon St, New Haven

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-23A	Vinyl cove base - black	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0049					Dissolved
01-31-EK-23B	Vinyl cove base - black	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0050					Dissolved
01-31-EK-24A	Brick wall grout - brown	None Detected		100% Other	Brown Non-Fibrous Homogeneous
10074212_0051					Crushed
01-31-EK-24B	Brick wall grout - brown	None Detected		100% Other	Brown Non-Fibrous Homogeneous
10074212_0052					Crushed
01-31-EK-25A	Flashing tar on red stone stairs - black	4% Chrysotile		96% Other	Black Non-Fibrous Homogeneous
10074212_0053	bag labeled "26A"				Dissolved
01-31-EK-25B	Flashing tar on red stone stairs - black	Not Analyzed			
10074212_0054					
01-31-EK-26A	Bottom layer plaster rough coat - brown	None Detected		100% Other	Tan Non-Fibrous Homogeneous
10074212_0055					Crushed
01-31-EK-26B	Bottom layer plaster rough coat - brown	None Detected		100% Other	Tan Non-Fibrous Homogeneous
10074212_0056					Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
 EPA Method: 600/R-93/116 and
 40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
 8 South Main Street Suite 3
 Terryville, CT 06786

Attn: Victoria Farkas
 Peter Folino
 Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Project: ACES - 55 Audobon St, New Haven

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-26C	Bottom layer plaster rough coat - brown	None Detected		100% Other	Tan Non-Fibrous Homogeneous
10074212_0057					Crushed
01-31-EK-27A	Top layer plaster skim coat - white	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0058					Crushed
01-31-EK-27B	Top layer plaster skim coat - white	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0059					Crushed
01-31-EK-27C	Top layer plaster skim coat - white	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0060					Crushed
01-31-EK-28A	Mastic associated with 16" x 16" floor tile - grey	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10074212_0061					Dissolved
01-31-EK-28B	Mastic associated with 16" x 16" floor tile - grey	None Detected		100% Other	Yellow Non-Fibrous Homogeneous
10074212_0062					Dissolved
01-31-EK-29A	16" x 16" Floor tile - light grey with white and grey specks	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0063					Dissolved
01-31-EK-29B	16" x 16" Floor tile - light grey with white and grey specks	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0064					Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and
40 CFR, Part 763, Subpart E, App.E



Customer: Eagle Environmental, Inc
8 South Main Street Suite 3
Terryville, CT 06786

Attn: Victoria Farkas
Peter Folino
Breigh Ashe

Lab Order ID: 10074212
Analysis: PLM
Date Received: 02/05/2025
Date Reported: 02/06/2025

Project: ACES - 55 Audobon St, New Haven

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
01-31-EK-30A	Rubber caulk at exterior stair treads - black	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0065					Ashed
01-31-EK-30B	Rubber caulk at exterior stair treads - black	None Detected		100% Other	Gray Non-Fibrous Homogeneous
10074212_0066					Ashed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogenous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Patrick Yarnell (66)

Analyst

Approved Signatory

15074212

Client: Eagle Environmental, Inc.
Contact: Victoria Farkas, Breigh Ashe
Address: 8 South Main Street, Terryville, CT
Phone: 860-589-8257
Fax: 860-585-7034
Email: vfarkas@eagleenviro.com
 bashe@eagleenviro.com
 pfolino@eagleenviro.com

Project: ACES - 55 Audubon St, New Haven

Client Notes: Please stop on first positive in sets
 Please do not split samples

P.O. #: 24-133.18T1
Date Submitted: 2/4/2025 0:00

Analysis: PLM EPA 600R-93/116
TurnAroundTime: 24 Hour

***Instructions:**
 Use Column "B" for your contact info

To See an Example Click the
 bottom Example Tab.

Enter samples between "<<" and ">>"
 Begin Samples with a "<<" above the first sample
 and end with a ">>" below the last sample.
 Only Enter your data on the first sheet "Sheet1"

Note: Data 1 and Data 2 are optional
 fields that do not show up on the official
 report, however they will be included
 in the electronic data returned to you
 to facilitate your reintegration of the report data.

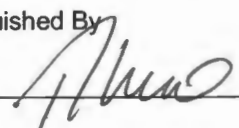


Scientific
 Analytical
 Institute

4604 Dundas Drive
 Greensboro, NC 27407
 Phone: 336.292.3888
 Fax: 336.292.3313
 Email: lab@sailab.com

Sample Number **Data 1** **Sample Description** **Data 2**

Sample Number	Data 1	Sample Description	Data 2
<<			
01-31-EK-01A		Black coating on original wood roof deck	Roof Area 1
01-31-EK-01B		Black coating on original wood roof deck	Roof Area 1
01-31-EK-02A		Foamboard - green	Roof Area 1
01-31-EK-02B		Foamboard - green	Roof Area 1
01-31-EK-03A		Tar paper under asphalt shingles	Roof Area 1
01-31-EK-03B		Tar paper under asphalt shingles	Roof Area 1
01-31-EK-04A		Asphalt shingle	Roof Area 1
01-31-EK-04B		Asphalt shingle	Roof Area 1
01-31-EK-05A		Dark grey caulk at decorative stone cap	Roof Area 1
01-31-EK-05B		Dark grey caulk at decorative stone cap	Roof Area 1
01-31-EK-06A		Light grey caulk at decorative stone cap	Roof Area 1
01-31-EK-06B		Light grey caulk at decorative stone cap	Roof Area 1
01-31-EK-07A		Black tar adhesive at decorative stone cap	Roof Area 1
01-31-EK-07B		Black tar adhesive at decorative stone cap	Roof Area 1
01-31-EK-08A		Salmon caulk (original) at decorative stone cap	Roof Area 1
01-31-EK-08B		Salmon caulk (original) at decorative stone cap	Roof Area 1
01-31-EK-09A		Grout at decorative stone cap	Roof Area 1
01-31-EK-09B		Grout at decorative stone cap	Roof Area 1

Relinquished By


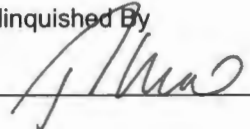
Accepted
 Rejected

Received By
 Yes 215 10:30am

10074212

01-31-EK-10A	Rubbered coating - grey at access tower	Roof Area 1
01-31-EK-10B	Rubbered coating - grey at access tower	Roof Area 1
01-31-EK-11A	Paper backer on fiberglass insulation - white	HVAC Room Area 2
01-31-EK-11B	Paper backer on fiberglass insulation - white	HVAC Room Area 2
01-31-EK-11C	Paper backer on fiberglass insulation - white	HVAC Room Area 2
01-31-EK-12A	Spray on fireproof insulation on structural steel, wood roofing and floor	HVAC Room Area 2
01-31-EK-12B	Spray on fireproof insulation on structural steel, wood roofing and floor	HVAC Room Area 2
01-31-EK-12C	Spray on fireproof insulation on structural steel, wood roofing and floor	HVAC Room Area 2
01-31-EK-13A	Caulking at duct work seams - grey	HVAC Room Area 2
01-31-EK-13B	Caulking at duct work seams - grey	HVAC Room Area 2
01-31-EK-14A	Adhesive associated with air handler fiberglass insulation	HVAC Room Area 2
01-31-EK-14B	Adhesive associated with air handler fiberglass insulation	HVAC Room Area 2
01-31-EK-15A	Black fiberglass insulation at air handler	HVAC Room Area 2
01-31-EK-15B	Black fiberglass insulation at air handler	HVAC Room Area 2
01-31-EK-15C	Black fiberglass insulation at air handler	HVAC Room Area 2
01-31-EK-16A	Top paper layer on fiberglass insulation at air handles	HVAC Room Area 2
01-31-EK-16B	Top paper layer on fiberglass insulation at air handles	HVAC Room Area 2
01-31-EK-16C	Top paper layer on fiberglass insulation at air handles	HVAC Room Area 2
01-31-EK-17A	Yellow mastic associated with vinyl floor tiles	Stairwell Area 3
01-31-EK-17B	Yellow mastic associated with vinyl floor tiles	Stairwell Area 3
01-31-EK-18A	Orange vinyl floor tile 18" x 18"	Stairwell Area 3
01-31-EK-18B	Orange vinyl floor tile 18" x 18"	Stairwell Area 3
01-31-EK-19A	Sheetrock - white	Stairwell Area 3
01-31-EK-19B	Sheetrock - white	Stairwell Area 3
01-31-EK-20A	Joint compound - white	Stairwell Area 3
01-31-EK-20B	Joint compound - white	Stairwell Area 3
01-31-EK-21A	Interior door caulk - white	Stairwell Area 3
01-31-EK-21B	Interior door caulk - white	Stairwell Area 3
01-31-EK-22A	Adhesive with vinyl cove base - tan/beige	Stairwell Area 3
01-31-EK-22B	Adhesive with vinyl cove base - tan/beige	Stairwell Area 3
01-31-EK-23A	Vinyl cove base - black	Stairwell Area 3
01-31-EK-23B	Vinyl cove base - black	Stairwell Area 3
01-31-EK-24A	Brick wall grout - brown	Area 4
01-31-EK-24B	Brick wall grout - brown	Area 4

Relinquished By

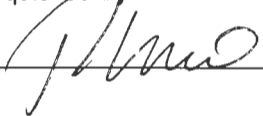


Received By

15674212

01-31-EK-25A		Flashing tar on red stone stairs - black	Area 4
01-31-EK-25B		Flashing tar on red stone stairs - black	Area 4
01-31-EK-26A		Bottom layer plaster rough coat - brown	Area 4
01-31-EK-26B		Bottom layer plaster rough coat - brown	Area 4
01-31-EK-26C		Bottom layer plaster rough coat - brown	Area 4
01-31-EK-27A		Top layer plaster skim coat - white	Area 4
01-31-EK-27B		Top layer plaster skim coat - white	Area 4
01-31-EK-27C		Top layer plaster skim coat - white	Area 4
01-31-EK-28A		Mastic associated with 16" x 16" floor tile - grey	Area 4
01-31-EK-28B		Mastic associated with 16" x 16" floor tile - grey	Area 4
01-31-EK-29A		16" x 16" Floor tile - light grey with white and grey specks	Area 4
01-31-EK-29B		16" x 16" Floor tile - light grey with white and grey specks	Area 4
01-31-EK-30A		Rubber caulk at exterior stair treads - black	Exterior Façade D
01-31-EK-30B		Rubber caulk at exterior stair treads - black	Exterior Façade D

Relinquished By



Received By

APPENDIX C

XRF LEAD-BASED PAINT INSPECTION REPORTS



Lead-Based Paint Inspection Report

Eagle Environmental Inc.
8 South Main Street, Suite 3
Terryville, CT 06786

Inspection For:

Performed At:

Inspection Date:

Instrument Type:

Action Level: 1.0(mg/cm²)

Job Number:

Operator License:

Notes:

Signed:

Date: 1-31-2025

Lead-Based Paint Screening

Inspection Site: ACES ECA
 55 Audubon Street,
 New Haven, CT 06510

Inspection Date: 01/31/2025 - 01/31/2025
 Total Readings: 34
 Action Level: 1.0 (mg/cm²)

Unit Started: 01/31/2025 10:31:32
 Unit Ended: 01/31/2025 01:45:59
 Classification Level: 1.0 (mg/cm²)

Test #	Room	Wall	Structure	Component	Substrate	Position	Color	Condition	Result	Lead (mg/cm ²)	Mode	Notes
318 (CAL)									PCS Pass	1.0	Timed	
319 (CAL)									PCS Pass	1.0	Timed	
320 (CAL)									PCS Pass	1.0	Timed	
321 (CAL)									PCS Pass	1.0	Timed	
322	Roof	A	Tower		Flashing		Unpainted	Intact	Positive	9.7	Quick	
323	Roof	A	Tower		Stone		Brown	Intact	Negative	0.0	Quick	
324	Roof	A			Flashing		Unpainted	Intact	Negative	0.0	Quick	
325	West Stairwell	A	Wall		Sheetrock		White	Intact	Negative	-0.0	Quick	
326	West Stairwell	B	Wall		Sheetrock		White	Intact	Negative	-0.0	Quick	
327	West Stairwell	C	Wall		Sheetrock		White	Intact	Negative	-0.0	Quick	
328	West Stairwell	D	Wall		Sheetrock		White	Intact	Negative	-0.0	Quick	
329	West Stairwell	D	Door		Wood		Varnished	Intact	Negative	0.0	Quick	
330	West Stairwell	D	Door	Casing	Steel		Brown	Intact	Negative	0.0	Quick	
331	West Stairwell	D	Door	Jamb	Steel		Brown	Intact	Negative	-0.0	Quick	
332	West Stairwell	D	Door	Stop	Steel		Brown	Intact	Negative	0.0	Quick	
333	West Stairwell	N/A	Ceiling		Sheetrock		White	Intact	Negative	0.0	Quick	
334	West Stairwell	B	Pipe		Steel		White	Intact	Negative	-0.0	Quick	
335	West Stairwell	B	Stairs	Stringers	Steel		Brown	Intact	Negative	0.0	Quick	
336	West Stairwell	A	Door		Steel		Red	Intact	Negative	0.0	Quick	
337	West Stairwell	A	Door	Casing	Steel		Red	Intact	Negative	0.0	Quick	

Lead-Based Paint Screening

Inspection Site: ACES ECA
 55 Audubon Street,
 New Haven, CT 06510

Inspection Date: 01/31/2025 - 01/31/2025
 Total Readings: 34
 Action Level: 1.0 (mg/cm²)

Unit Started: 01/31/2025 10:31:32
 Unit Ended: 01/31/2025 01:45:59
 Classification Level: 1.0 (mg/cm²)

Test #	Room	Wall	Structure	Component	Substrate	Position	Color	Condition	Result	Lead (mg/cm ²)	Mode	Notes
338	Front Stairwell	D	Stairs	Understringer	Steel	Center	White	Deteriorated	Positive	>10	Quick	
339	Front Stairwell	D	Stairs	Treads	Stone	Center	White	Deteriorated	Negative	0.0	Quick	
340	Front Stairwell	D	Stairs	Understringer	Steel	Left	White	Deteriorated	Positive	7.7	Quick	
341	Front Stairwell	D	Stairs	Treads	Stone	Left	White	Deteriorated	Negative	0.0	Quick	
342	Front Stairwell	D	Stairs	Understringer	Steel	Right	White	Deteriorated	Positive	6.8	Quick	
343	Front Stairwell	D	Stairs	Treads	Stone	Right	White	Deteriorated	Negative	0.0	Quick	
344	Front Stairwell	A	Wall		Brick	Right	White	Deteriorated	Negative	0.0	Quick	
345	Front Stairwell	B	Wall		Brick	Right	White	Deteriorated	Positive	2.2	Quick	
346	Front Stairwell	C	Wall		Stone	Right	White	Deteriorated	Negative	0.0	Quick	
347	Front Stairwell	D	Wall		Stone	Right	White	Deteriorated	Negative	0.0	Quick	
348 (CAL)									PCS Pass	1.0	Timed	
349 (CAL)									PCS Pass	1.0	Timed	
350 (CAL)									PCS Pass	1.0	Timed	
351 (CAL)									PCS Pass	1.0	Timed	

--- End of Readings ---

APPENDIX D

**EAGLE ENVIRONMENTAL INC. LICENSES AND LABORATORY
CERTIFICATES**



CERTIFICATE OF ACHIEVEMENT

This certifies that

Evan Kulig

has successfully completed the
4 Hour Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763

Training held via Live Webinar

Exam Score: 76%

conducted by:
ATLAS Technical Consultants, LLC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Signature of Gregory J. Morsch

Signature of Gregory J. Morsch

Principal Instructor: Gregory Morsch

Regional Training Director: Gregory Morsch

October 17, 2024
Date of Course

SIAR - 7849
Certificate Number

October 17, 2025
Expiration Date

October 17, 2024
Examination Date

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT-INSPECTOR

EVAN J KULIG

CERTIFICATE NO.
001140

CURRENT THROUGH
10/31/25

VALIDATION NO.
03-146119

Signature of Evan Kulig

SIGNATURE

Signature of Commissioner

COMMISSIONER

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A
LEAD CONSULTANT CONTRACTOR

EAGLE ENVIRONMENTAL INC.

LICENSE NO.

001723

CURRENT THROUGH

04/30/25

VALIDATION NO.

03-095207


SIGNATURE


COMMISSIONER

CERT#: L-500-Virtual.472

CHEMSCOPE TRAINING DIVISION

**LEAD INSPECTOR REFRESHER
8-HOUR TRAINING CERTIFICATE**

Nicholas Mussen

8 South Main Street, Suite 3, Terryville CT


Has attended an 8-hour course on the subject discipline in English on
09/16/2024 and has passed a written examination.

The above individual has successfully completed the above training course approved in accordance with the
Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes.

Course syllabus includes all required topics of State of Connecticut DPH and EPA.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or
representations (U.S.C. 1001 and 15 U.S. C. 2615), I certify that this training complies with all applicable requirements of
Title IV of TSCA, 40 CFR part 745 and any other applicable Federal, State or local requirements.

Examination Score: 100%
Exam Date: 09/16/2024
Expiration Date: 09/16/2025


Daniel Sullivan
Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
Phone: 203.865.5605
www.chem-scope.com

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
LEAD INSPECTOR

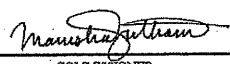
NICHOLAS R MUSSEN

CERTIFICATE NO.
002291

CURRENT THROUGH
03/31/25

VALIDATION NO.
03-094005


SIGNATURE


COMMISSIONER

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

SCIENTIFIC ANALYTICAL INSTITUTE, INC.

LOCATED AT 4604 DUNDAS DRIVE IN GREENSBORO, NC 27407

AND REGISTERED IN THE NAME OF NATHANIEL DURHAM

THIS CERTIFICATE IS ISSUED IN THE NAME OF NATHANIEL DURHAM WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

DRINKING WATER
Examination For:
ASBESTOS

ENVIRONMENTAL HEALTH & HOUSING
LEAD IN PAINT
LEAD (PAINT) IN SOIL
LEAD IN DUST WIPES

BUILDING MATERIALS
Examination For:
ASBESTOS FIBERS – PCM, TEM
ASBESTOS IN BULK – PLM, TEM

SEE CERTIFIED PARAMETER LIST FOR SPECIFIC TESTS APPROVED

EFFECTIVE RENEWAL DATE JANUARY 1, 2024

THIS CERTIFICATE EXPIRES DECEMBER 31, 2025 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 8th DAY OF December, 2023



Registration No.

PH-0336

Lori J. Mathieu
Public Health Branch Chief