November 5, 2024

Mr. Doug Springer
Director, Physical Plan Services
Mount Desert Island (MDI) Hospital
10 Wayman Lane
Bar Harbor, Maine 04609

Re: Hazardous Materials Assessment | First Floor - North End | MDI Hospital | Bar Harbor, Maine

Dear Mr. Springer:

At your request, Haley Ward, Inc. (Haley Ward) completed a Hazardous Materials Assessment (HMA) within the First Floor - North End of the hospital to support a proposed renovation project within this location. This HMA included the completion of an Asbestos Renovation Impact Survey and Lead-Based Paint (LBP)/lead-containing surface coating determination.

The rooms, as identified by MDI Hospital, as impacted by the First Floor - North End renovation project (and collectively referred to as the "affected area") include the following:

- Boiler room;
- Associated corridors;
- Closets; and
- Stairwell.

ASBESTOS RENOVATION IMPACT SURVEY

The Asbestos Renovation Impact Survey was conducted in accordance with Maine Department of Environmental Protection (MDEP) Asbestos Management Regulations (06-096 C.M.R. Chapter 425, 2011) and was completed to provide MDI Hospital with information regarding the presence of asbestos-containing materials (ACM) within the interior of the affected area of the building potentially impacted by the planned First Floor (north end) renovation project. Ms. Deborah Kasik (Haley Ward), an asbestos inspector licensed by the MDEP (AI#-0177), completed the field survey on October 2, 2024. A copy of Ms. Kasik's Asbestos Inspector certification is included as **Attachment A**.

ONE MERCHANTS PLAZA, SUITE 701, BANGOR, ME 04401 207.989.4824 | HALEYWARD.COM

Completion of the Asbestos Renovation Impact Survey included:

- Visual identification of suspect ACM on the interior of the affected area of the building;
- Collection of 26 bulk samples of identified suspect ACM; and
- Quantification of identified ACM.

As with any scientific study, an Asbestos Renovation Impact Survey is subject to a variety of limitations. Limitations to be considered in interpreting the results of the survey performed within this building include:

- Variations in building materials used during construction and subsequent renovations;
- Inaccessible areas within wall cavities, below sub-floors, and above solid ceilings; and
- Condition of the structure at the time of the survey.

The following is a summary of field findings and laboratory analytical results of the survey:

Twenty-six samples of suspect ACM were collected including:

- Plaster wall and ceiling material (skim coat and brown coat layers);
- Clay wall material;
- Skim coat over wall surfaces in high voltage room;
- Pipe insulation and associated mud insulated pipe fittings;
- Fire-stop caulk;
- One type of ceiling tile; and
- One type of floor tile and associated adhesive;

Bulk samples of suspect ACM were submitted to EMSL Analytical, Inc. (EMSL) of South Portland, Maine, for laboratory analysis. Bulk samples collected during this survey were analyzed using the MDEP required analytical methods: "PLM-EPA 600/R-93/116" (for surfacing, thermal system insulation, and cementitious materials) and "PLM NOB-EPA 600/R-93/116" (for non-friable organically bound materials (NOBs)) (e.g., floor tile, adhesives, and roofing) with "gravimetric reduction." Samples were analyzed at the EMSL laboratory, which is certified to perform asbestos analysis by both the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA). EMSL is a MDEP licensed Asbestos Analytical Laboratory. A copy of EMSL's laboratory certifications is included as **Attachment B**. Laboratory analytical results and chain of custodies are included as **Attachment C**.

According to the MDEP Asbestos Management Regulations, bulk samples shall be analyzed until a positive result is obtained or all samples have been analyzed. The MDEP defines ACM as "any material containing asbestos in quantities greater than or equal to one percent by volume as determined by weight, visual evaluation, and/or point count analysis."

ACM identified by laboratory analysis included:

- Pipe insulation and associated mud insulated pipe fittings; and
- Mud insulated pipe fittings on fiberglass-insulated lines.

A summary of identified ACM, including estimated quantity, location, and estimated abatement costs are presented in **Table 1**. The location of identified ACM, and sample locations are included on **Figure H100**.

TABLE 1 | SUMMARY OF IDENTIFIED ASBESTOS-CONTAINING MATERIALS

Location	Identified ACM	Total Estimated Quantity	Unit Cost	Estimated Abatement Cost
First Floor Corridor located outside Boiler Room	Pipe Insulation and associated mud insulated pipe fittings	185 Linear Feet (LF)	$50/LF	$9,250
			TOTAL	**$9,250**

The estimated abatement costs presented in **Table 1** do not include material replacement costs, regulatory agency notification fees, or a contingency fee. The estimate assumes the abatement contractor will be responsible for preparing the asbestos abatement design. Regulatory agency notification fees associated with this project will vary depending on phasing and project schedule. Actual abatement costs may vary depending upon the quantity of ACM to be abated and abatement methods used. The budgetary cost estimate provided is conservative since the timing of and/or approach to abatement has not been established.

LEAD-BASED PAINT/LEAD-CONTAINING SURFACE COATING DETERMINATION

An LBP/lead-containing surface coating determination was conducted by Ms. Deborah A. Kasik, a MDEP certified Lead Risk Assessor. A copy of Ms. Kasik's Lead Risk Assessor certification is included in **Attachment A**. The purpose of the determination was to identify LBP/lead-containing surface coatings, if present, on the interior surfaces of the affected area. The LBP determination was performed in accordance with the established protocols outlined in the MDEP Lead Management Regulation (06-096 C.M.R. Chapter

424 § 7, 2021) and as applicable to this project. The testing provides information on the lead content and an assessment of the condition of the surfaces tested.

The LBP/lead-containing surface coating testing was conducted using a portable X-Ray Fluorescence (XRF) Lead Paint Analyzer (RMD LPA-1), which non-destructively tests for the presence of LBP or other lead-containing surface coatings. The XRF analyzer is licensed with the Maine Department of Human Services Radiation Control Program and operated in accordance with all applicable regulations and conditions of licensure. The determination as to whether a component contains lead is based upon the MDEP Lead Management Regulations (Chapter 424). The MDEP defines a component as lead-containing if the XRF result is ≥ 1.0 milligrams per square centimeter (mg/cm^2). A visual assessment of the existing condition of the identified LBP was also completed at the time of the determination.

LBP/lead-containing surface coatings were not identified on interior surfaces of the affected area. An LBP/lead-containing surface coatings determination report is included as **Attachment D**.

This report was prepared by Haley Ward for the sole use of MDI Hospital and should not be reproduced without their full, written authorization. Please contact either of the undersigned at (207) 989-4824 if you have any questions related to this project or if additional services are required.

Sincerely,
Haley Ward, Inc.

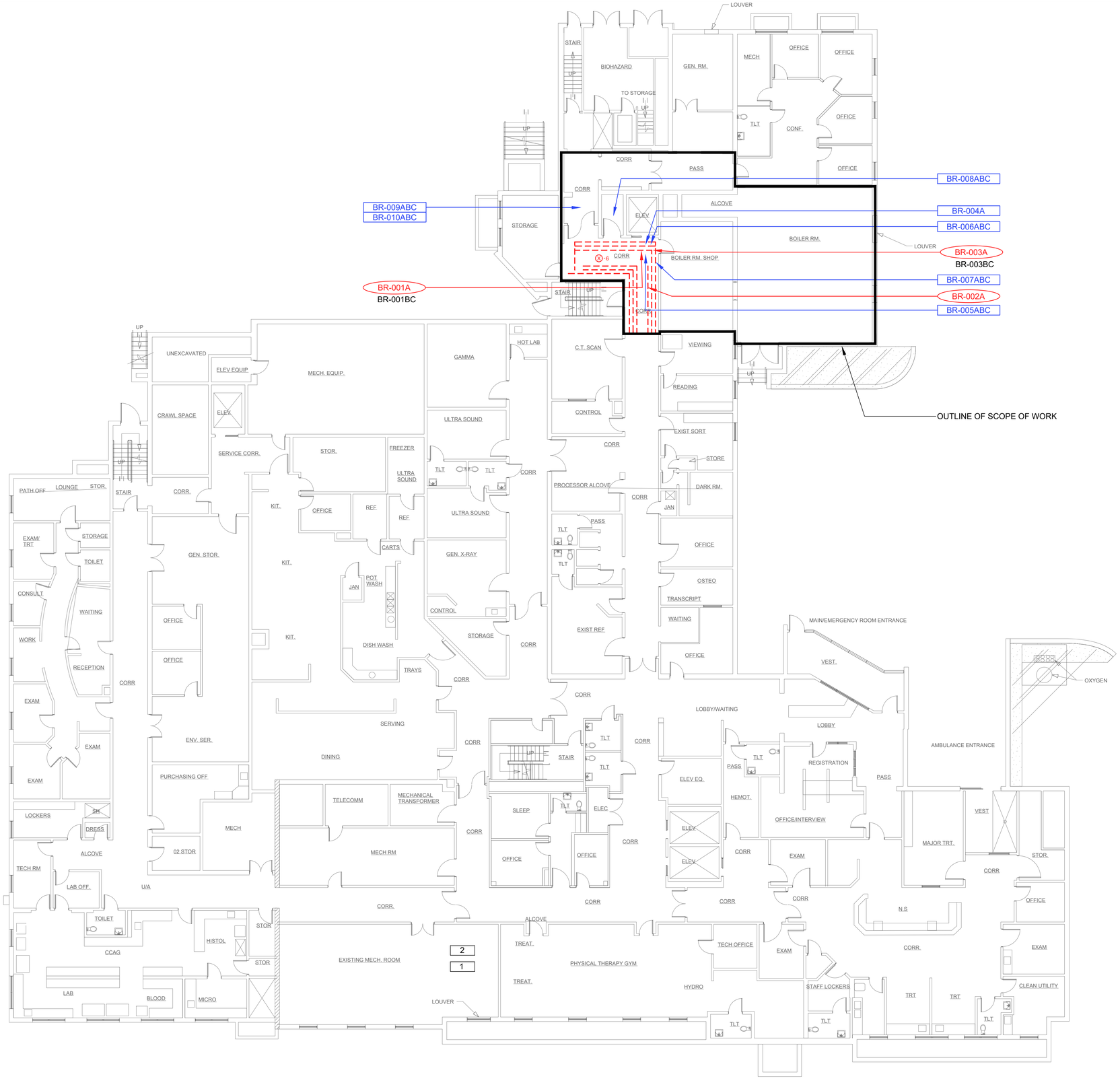
Deborah A. Kasik
Project Scientist II
MDEP Asbestos Inspector AI-0177
MDEP Lead Risk Assessor LR-0003

Dennis B. Kingman, Jr., CHMM
Senior Project Manager II/Vice President

DAK/DBK/kjf
Attachments

FIGURES

H100 - FIRST FLOOR



PLAN REFERENCE:

FLOOR PLAN DERIVED FROM DRAWINGS BY OTHERS PROVIDED TO HALEY WARD, INC AND ARE NOT WARRANTED AS TO ACCURACY AND ARE INTENDED TO BE SCHEMATIC.

ASBESTOS LEGEND

BR-001A	SAMPLE NUMBER AND LOCATION TESTING POSITIVE FOR ASBESTOS
BR-002A	SAMPLE NUMBER AND LOCATION TESTING NEGATIVE FOR ASBESTOS
BR-001B	SAMPLE NUMBER AND LOCATION NOT ANALYZED (POSITIVE STOP)
- - - - - -	ACM INSULATED PIPE ABOVE CEILING
X-1	ACM INSULATED PIPE FITTING ABOVE CEILING

FIRST FLOOR PLAN

SCALE: NOT TO SCALE

REV.	DATE	DESCRIPTION	BY	CHK.

DRAWING ISSUE STATUS

NOT FOR CONSTRUCTION

HALEY WARD
ENGINEERING | ENVIRONMENTAL | SURVEYING
One Merchants Plaza, Suite 701
Bangor, Maine 04401
207.989.4824
WWW.HALEYWARD.COM

PROJECT

MDI HOSPITAL
BAR HARBOR, ME

TITLE

FIRST FLOOR NORTH END HAZARDOUS MATERIAL ASSESSMENT

DATE	SCALE
2024.10.14	AS NOTED

DRAWN BY	DESIGNED BY	CHECKED BY
MEB	DAK	DAK

PROJECT No. 12355.003

DRAWING No. **H100** REV.

ATTACHMENT A

ASBESTOS INSPECTOR CERTIFICATION
LEAD RISK ASSESSOR CERTIFICATION

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

December 5, 2023

Haley Ward, Inc.
One Merchants Plaza Suite 701
Bangor, Maine 04401

Dear Licensee:

Asbestos application(s) for individual certification of the **two** employee(s) listed below have been received and **approved**. Individual certification numbers are listed below and wallet card(s) are enclosed. Card(s) are property of the individual to whom each is issued. Your responsibility as a **licensee is to ensure delivery of the** cards to persons in your employment. This letter should be retained for your company files as record of certification. **Please attach 1 updated passport size photo with every application.**

Remember, in Maine all **certified employees** working on an asbestos abatement project, whether conducting removal/repair, air monitoring, design, inspection, or analysis functions, **must work for a State of Maine licensed asbestos firm** and carry his/her wallet card(s) on the job site.

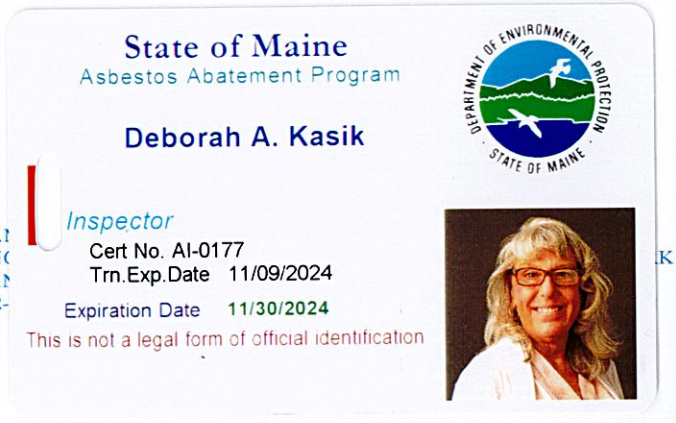
As a reminder, prior to renewing your asbestos certification, the State of Maine **requires** an annual refresher course to be taken before submitting a renewal application. A certificate shall expire one year from the last day of the month from the date of issuance, **or on the last day of the month that the training certificate expires**, whichever is sooner.

All our asbestos forms can be found at https://www.maine.gov/dep/waste/asbestos/forms.html
Thank you for your cooperation and your completed application(s).

Name	Category	Certification #	Exp. Date
Deborah A. Kasik	Inspector	AI-0177	11/30/2024
Dennis B. Kingman, Jr.	Inspector	AI-0034	11/30/2024

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management



AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO
PORTLAND
(207) 822-

website: www.maine.gov/dep

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

January 21, 2024

Attn: Deborah A. Kasik
Haley Ward, Inc.
One Merchant's Plaza Suite 701
Bangor, Maine 04401

Dear Ms. Kasik,

Your lead application for certification has been received and **approved**. You have been granted certification as a **Lead Risk Assessor LR-0003**. Enclosed is your wallet card, with an expiration date of **January 4, 2025**. All employees working on a lead abatement project must carry this photo ID wallet card. The card is property of the individual to whom it is issued. Your responsibility as a licensee is to ensure delivery of the card to person in your employment. This letter should be retained for your company files as record of certification. Please attach 1 updated passport size photo with every application.

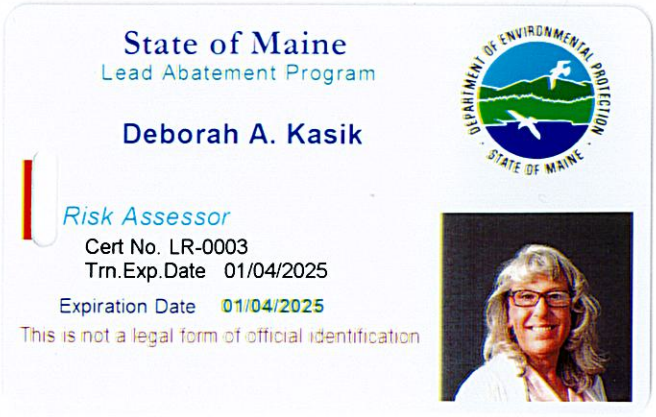
Thank you for your cooperation and your completed application(s). Applications can now be found on our DEP webpage at the following:
https://www.maine.gov/dep/waste/lead/forms/index.html

If you have any questions on this certification or on any other aspect of DEP's lead abatement licensing program, please call Sandy Moody (207) 242-0877 or email sandy.j.moody@maine.gov

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

Enclosure



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RAY BLDG., HOSPITAL ST.

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(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

web site: www.maine.gov/dep

ATTACHMENT B

ASBESTOS ANALYTICAL LABORATORY CERTIFICATIONS

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

September 2, 2023

Attn: Lorie Dennis,| QA Certification Coordinator
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

Dear Ms. Dennis,

This is to confirm that the Maine Department of Environmental Protection is in receipt of your request to add the following labs to your licensing of Analytical Laboratories: Boston, MA., South Portland, Maine, Wallingford, CT and Carle Place, NY.

LA-0038 for Asbestos Analytical Laboratory (Air), expires on 10/31/2024
LB-0039 for Asbestos Analytical Laboratory (Bulk), expires on 10/31/2024

Remember each laboratory must have certified individual(s) within the lab to perform analyses.

If you need any further assistance please feel free to contact me at (207) 242-0877 or e-mail at sandy.j.moody@maine.gov.

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

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web site: www.maine.gov/dep

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Air)

License Number: LA-0038

Expiration Date: 10/31/2024

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0039

Expiration Date: 10/31/2024

S. PORTLAND - INDIVIDUAL ANALYST CERTIFICATIONS

State of Maine

October 30, 2023

Employee Name	*Lab Location*	*State Certified*	*Certification No.*	*Type of Cert.*	*Exp. Date*
Stephen Severn	S. Portland	Maine	AA-0497	Air Asbestos Analyst	10/31/2024
Stephen Severn	S. Portland	Maine	BA-0178	Bulk Asbestos Analyst	10/31/2024
Stefan Reis	S. Portland	Maine	BA-0233	Bulk Asbestos Analyst	5/31/2024

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 500094-0

EMSL Analytical, Inc.

South Portland, ME

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2024-10-01 through 2025-09-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
161 John Roberts Road
South Portland, ME 04106
Stephen Severn
Phone: 207-517-6921
Email: ssevern@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 500094-0**

Bulk Asbestos Analysis

Code	***Description***
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: January 01, 2025
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision20: 06/07/2022

Date Issued: 01/01/2023

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194
Issue Date: 01/01/2023

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400	Asbestos/Fibers
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	EPA 600/R-93/116	Asbestos & Other Fibers in Bulk
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	EPA AHERA - 40 CFR Part 763	Asbestos
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	NIOSH 7402	Asbestos/Fibers
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5502 Modified	Aldrin & Lindane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503 Modified	Polychlorinated biphenyls
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5510 Modified	Chlordane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003 Modified	Halogenated Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005 Modified	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400 Modified	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500 Modified	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501 Modified	Aromatic Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550 Modified	Total Petroleum Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603 Modified	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000 Modified	Methyl Alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1501	Aromatic Hydrocarbons

ATTACHMENT C

ASBESTOS LABORATORY ANALYTICAL RESULTS

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Attn: Deb Kasik
Haley Ward
1 Merchant's Plaza
7th Floor
Bangor, ME 04401

Proj: 12355.003 BOILER ROOM (BR)

Phone: (207) 989-4824
Fax: (207) 989-4881
Collected: 10/ 2/2024
Received: 10/04/2024
Analyzed: 10/09/2024

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-001A **Lab Sample ID:** **622400867-0001**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (MAG)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	50.0%	**50% Chrysotile**	

Client Sample ID: BR-001B **Lab Sample ID:** **622400867-0002**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (MAG)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

Client Sample ID: BR-001C **Lab Sample ID:** **622400867-0003**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (MAG)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

Client Sample ID: BR-002A **Lab Sample ID:** **622400867-0004**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (CORRUAGTED)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	50.0%	**50% Chrysotile**	

Client Sample ID: BR-003A **Lab Sample ID:** **622400867-0005**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/MUDDED PUPE FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	50.0%	**50% Chrysotile**	

Client Sample ID: BR-003B **Lab Sample ID:** **622400867-0006**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/MUDDED PUPE FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

Client Sample ID: BR-003C **Lab Sample ID:** **622400867-0007**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/MUDDED PUPE FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-004A ***Lab Sample ID:*** **622400867-0008**

Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/RED FIRE STOP CAULK - CAULKING

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	Red	0.0%	100%	None Detected	

Client Sample ID: BR-005A ***Lab Sample ID:*** **622400867-0009**

Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/CT 4X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: BR-005B ***Lab Sample ID:*** **622400867-0010**

Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/CT 4X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: BR-005C ***Lab Sample ID:*** **622400867-0011**

Sample Description: HALL OUTSIDE BOILER ROOM/CT 4X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: BR-006A ***Lab Sample ID:*** **622400867-0012**

Sample Description: HALL OUTSIDE BOILER ROOM/FT 12" CREAM W/ PPLE + PINK STREAKS - FLOOR TILE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	White	0.0%	100%	None Detected	

Client Sample ID: BR-006B ***Lab Sample ID:*** **622400867-0013**

Sample Description: HALL OUTSIDE BOILER ROOM/FT 12" CREAM W/ PPLE + PINK STREAKS - FLOOR TILE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	White	0.0%	100%	None Detected	

Client Sample ID: BR-006C ***Lab Sample ID:*** **622400867-0014**

Sample Description: HALL OUTSIDE BOILER ROOM/FT 12" CREAM W/ PPLE + PINK STREAKS - FLOOR TILE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	White	0.0%	100%	None Detected	

Client Sample ID: BR-007A ***Lab Sample ID:*** **622400867-0015**

Sample Description: HALLWAY (ABOVE CEILING)/CLAY WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Brown	0.0%	100.0%	None Detected	

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-007B ***Lab Sample ID:*** **622400867-0016**

Sample Description: HALLWAY (ABOVE CEILING)/CLAY WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: BR-007C ***Lab Sample ID:*** **622400867-0017**

Sample Description: HALLWAY (ABOVE CEILING)/CLAY WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: BR-008A ***Lab Sample ID:*** **622400867-0018**

Sample Description: SKIMCOAT ON WALLS (HIGH VOLTAGE RM)/SKIMCOAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-008B ***Lab Sample ID:*** **622400867-0019**

Sample Description: SKIMCOAT ON WALLS (HIGH VOLTAGE RM)/SKIMCOAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-008C ***Lab Sample ID:*** **622400867-0020**

Sample Description: SKIMCOAT ON WALLS (HIGH VOLTAGE RM)/SKIMCOAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-009A ***Lab Sample ID:*** **622400867-0021**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/SKIMCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-009B ***Lab Sample ID:*** **622400867-0022**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/SKIMCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-009C ***Lab Sample ID:*** **622400867-0023**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/SKIMCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-0010A ***Lab Sample ID:*** **622400867-0024**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/BROWNCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: BR-0010B ***Lab Sample ID:*** **622400867-0025**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/BROWNCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: BR-0010C ***Lab Sample ID:*** **622400867-0026**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/BROWNCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	100.0%	None Detected	

PLM: ME CERT BA-0178

PLM EPA NOB: ME CERT BA-0178

Analyst(s):

Stephen Severn PLM (18)
PLM Grav. Reduction (4)

Reviewed and approved by:

Stephen Severn, Technical Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This is a summary report; official reports are available on LabConnect or upon request and 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. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. South Portland, ME NVLAP Lab Code 500094-0, VT AL197271, ME LM-0039, MA AA000236

Initial report from: 10/10/202410:33:05

OrderID: 622400867

EMSL Analytical, Inc.

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400867

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

South Portland, ME 04106
PHONE: (207) 517-6921
EMAIL: portlandlab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Haley Ward	Company Name:	Haley Ward
Contact Name:	Deb Kasik	Billing Contact:	Julie Oreskovich
Street Address:	1 Merchant's Plaza 7th Floor	Street Address:	1 Merchant's Plaza, 7th Floor
City, State, Zip:	Bangor ME 0440[illegible] Country: US	City, State, Zip:	Bangor ME Country: US
Phone:	207-989-4824	Phone:	207-989-4824
Email(s) for Report:	dkasik@haleyward.com	Email(s) for Invoice:	

Project Information

Project Name/No: 12355.003 BR
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: ME
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Deb Kasik
Sampled By Signature: Deborah A Kasik
Date Sampled: 10-2-24
No. of Samples in Shipment 26

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☑ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

☑ PLM EPA 600/R-93/116 (<1%)
☑ PLM EPA NOB (<1%)
☑ POINT COUNT
☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
☐ POINT COUNT w/ GRAVIMETRIC
☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
☐ NIOSH 9002 (<1%)
☐ NYS 198.1 (Friable - NY)
☐ NYS 198.6 NOB (Non-Friable - NY)
☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

☐ TEM EPA NOB
☐ NYS NOB 198.4 (Non-Friable - NY)
☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☑ Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description
BR-001A		Hall outside Boiler Rm (above CT)	Pipe insulation (mag)
B		" "	(mag)
C		" "	(mag)
BR-002A		" "	(corrugated)
BR-003A		" "	Mudded pipe fitting insulation
B		" "	
C		" "	
BR-004A		" "	Red fric stop caulk
BR-005A		" "	CT 4x2 fissw/pintole
B		" "	

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

NOB per ME DEP

BR = Boiler Rm Section

Method of Shipment: Fed Ex 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by: Deborah A Kasik	Date/Time: 10/4/24 4pm	Received by: EB	Date/Time 10.04.24 0944
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 9/14/2021

☐ 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.

RECEIVED
OCT 04 2024
BY: EB

Page 1 of 2

OrderID: 622400867

EMSL ANALYTICAL, INC.
LABORATORY•PRODUCTS•TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400867

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.)

Sample Number	HA Number	Sample Location	Material Description
BR-005C		Wall outside boiler room	CT 4x2 fiss "/pink
BR-006A		Wall outside boiler room	FT 12" cream "/pink streaks
B		"	↓
C		"	↓
BR-007A		Hallway (above ceiling)	Clay wall material
B		↓	↓
C		↓	↓
BR-008A		Skimcoat on walls (High voltage Rm)	Skimcoat on walls
B		"	↓
C		"	↓
BR-009A		Corridor (between 2 hallways)	Skimcoat-Plaster
B		"	↓
C		↓	↓
BR-010A		↓	Brown coat-Plaster
B		↓	↓
C		↓	↓

Method of Shipment: Fedex 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 10/2/24	Received by: EB	Date/Time 10.04.24 0922
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

RECEIVED
OCT 04 2024
BY: EB

☐ 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

LEAD-BASED PAINT DETERMINATION

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

HALEY WARD	***CLIENT:***	MDI HOSPITAL	***DATE:***	10/2/2024
	SITE:	FIRST FLOOR - NORTH END	***HALEY WARD #:***	12355.003
	BLDG:	**INTERIOR**	***Page:***	1 OF 1

XRF # **RMD LPA-1 #3305; ME Radiation License #31223** ***Inspector Signature:*** *Deborah A. Kasik/LR#0003*

FIELD ID #	***SAMPLE LOCATION***	***SIDE***	***COMPONENT(S)***	***COLOR***	***SUBSTRATE TYPE:***	***RESULTS mg/cm²***	***CONDITION***	***NOTES:***
L-1	CORRIDOR TO BOILER ROOM		WALLS	CREAM	MASONRY	0.0/0.0/0.2		
L-2			DOOR CASING/JAMB	WHITE	METAL	0.0/0.4		
L-3	BOILER ROOM		WALLS	BLUE	MASONRY	0.0/0.0		
L-4			DOOR CASING/JAMB	WHITE	METAL	0.0/0.0		
L-5			FLOOR	GRAY	CONCRETE	0.0		
L-6	ELECTRICAL ROOM		SKIMCOAT	WHITE	CONCRETE	0.0		
L-7			DOOR	STAIN	WOOD	0.0		
L-8	REAR CORRIDOR		WALLS	WHITE	MASONRY	0.1/0.0/0.0		

= Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic; O = Other (indicate material). Results expressed as mg/cm² (milligrams per square centimet

November 5, 2024

Mr. Doug Springer
Director, Physical Plan Services
Mount Desert Island (MDI) Hospital
10 Wayman Lane
Hampden, Maine 04444

Re: Hazardous Materials Assessment | First Floor - South End | MDI Hospital | Bar Harbor, Maine

Dear Mr. Springer:

At your request, Haley Ward, Inc. (Haley Ward) completed a Hazardous Materials Assessment (HMA) within the First Floor - South End of the hospital to support a proposed renovation project within this location. This HMA included the completion of an Asbestos Renovation Impact Survey and Lead-Based Paint (LBP)/lead-containing surface coating determination.

The rooms, as identified by MDI Hospital, as impacted by the First Floor - South End renovation project (and collectively referred to as the "affected area"), include the following:

- Emergency Department;
- Physical Therapy;
- Offices;
- Exam Rooms;
- Laboratory;
- Waiting Room;
- Closets; and
- Mechanical Spaces.

ASBESTOS RENOVATION IMPACT SURVEY

The Asbestos Renovation Impact Survey was conducted in accordance with Maine Department of Environmental Protection (MDEP) Asbestos Management Regulations (06-096 C.M.R. Chapter 425, 2011) and was completed to provide MDI Hospital with information regarding the presence of asbestos-containing materials (ACM) within the interior of the affected area of the building potentially impacted by the planned First Floor (South End) renovation project. Ms. Deborah Kasik (Haley Ward), an asbestos inspector licensed by the MDEP (AI#-0177), completed the field survey on October 1, 2024. A copy of Ms. Kasik's Asbestos Inspector certification is included as **Attachment A**.

ONE MERCHANTS PLAZA, SUITE 701, BANGOR, ME 04401 207.989.4824 | HALEYWARD.COM

Completion of the Asbestos Renovation Impact Survey included:

- Visual identification of suspect ACM on the interior of the building;
- Collection of 53 bulk samples of identified suspect ACM; and
- Quantification of identified ACM.

As with any scientific study, an Asbestos Renovation Impact Survey is subject to a variety of limitations. Limitations to be considered in interpreting the results of the survey performed within this building include:

- Variations in building materials used during construction and subsequent renovations;
- Inaccessible areas within wall cavities, below sub-floors, and above solid ceilings; and
- Condition of the structure at the time of the survey.

The following is a summary of field findings and laboratory analytical results of the survey:

Fifty-three samples of suspect ACM were collected including:

- Gypsum wall and ceiling material;
- Four types of ceiling tile;
- Two types of floor tile and associated adhesives;
- Flooring adhesive;
- Six types of sheet flooring and associated adhesives;
- Cove base adhesive;
- Joint compound (trowelled);
- Tape on duct seams;
- Duct work insulation;
- Mud insulated pipe fittings on fiberglass-insulated line;
- Tank insulation; and
- Spray-on ceiling surfacing.

Bulk samples of suspect ACM were submitted to EMSL Analytical, Inc. (EMSL) of South Portland, Maine, for laboratory analysis. Bulk samples collected during this survey were analyzed using the MDEP required analytical methods: "PLM-EPA 600/R-93/116" (for surfacing, thermal system insulation, and cementitious materials) and "PLM NOB-EPA 600/R-93/116" (for non-friable organically bound materials (NOBs)) (e.g., floor tile, adhesives, and roofing) with "gravimetric reduction." Samples were analyzed at the EMSL laboratory, which is certified to perform asbestos analysis by both the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA). EMSL is a MDEP licensed Asbestos Analytical Laboratory. A copy of

EMSL's laboratory certifications is included as **Attachment B**. Laboratory analytical results and chain of custodies are included as **Attachment C**.

According to the MDEP Asbestos Management Regulations, bulk samples shall be analyzed until a positive result is obtained or all samples have been analyzed. The MDEP defines ACM as "any material containing asbestos in quantities greater than or equal to one percent by volume as determined by weight, visual evaluation, and/or point count analysis."

ACM identified by laboratory analysis included:

- Mud insulated pipe fittings on fiberglass-insulated lines above ceiling tiles;
- Mud insulated pipe fittings on fiberglass-insulated lines;
- Two-foot by two-foot ceiling tile with deep fissure and pinhole design;
- Four-foot by two-foot ceiling tile with thin fissure and pinhole design;
- Duct work insulation; and
- Non-ACM sheet flooring with ACM adhesive.

A summary of identified ACM, including estimated quantity, location, and estimated abatement costs are presented in **Table 1**. The location of identified ACM and sample locations are included on **Figure H101**.

The estimated abatement costs presented in **Table 1** do not include material replacement costs, regulatory agency notification fees, or a contingency fee. The estimate assumes the abatement contractor will be responsible for preparing the asbestos abatement design. Regulatory agency notification fees associated with this project will vary depending on phasing and project schedule. Actual abatement costs may vary depending upon the quantity of ACM to be abated and abatement methods used. The budgetary cost estimate provided is conservative since the timing of and/or approach to abatement has not been established.

TABLE 1 | SUMMARY OF IDENTIFIED ASBESTOS-CONTAINING MATERIALS

Location	Identified ACM	Total Estimated Quantity	Unit Cost	Estimated Abatement Cost
First Floor North Corridor adjacent to Lobby, Corridor adjacent to Env. Services	Mud insulated pipe fittings on fiberglass-insulated lines, located above ceiling tiles	11 EACH (EA)	$100/EA	$1,100
First Floor Elevator Room	Mud insulated pipe fittings on fiberglass insulated lines	15 EA	$100/EA	$1,500

Location	Identified ACM	Total Estimated Quantity	Unit Cost	Estimated Abatement Cost
First Floor Corridor adjacent to Env. Services	Two-foot by two-foot ceiling tile with deep fissure and pinhole design	1,465 Square Feet SF	$6/SF	$8,790
First Floor Pharmacy	Four-foot by two-foot ceiling tile with thin fissure and pinhole design	515 SF	$6/SF	$3,090
First Floor Mechanical Room 6	Duct work insulation	64 SF	$20/SF	$1,280
First Floor Emergency Dept. – Major Treatment Room	Non-ACM sheet flooring with ACM adhesive	270 SF	$15/SF	$4,050
			TOTAL	**$19,810**

LEAD-BASED PAINT/LEAD-CONTAINING SURFACE COATING DETERMINATION

An LBP/lead-containing surface coating determination was conducted by Ms. Deborah A. Kasik, a MDEP certified Lead Risk Assessor. A copy of Ms. Kasik's Lead Risk Assessor certification is included in **Attachment A**. The purpose of the determination was to identify LBP/lead-containing surface coatings, if present, on the interior surfaces within the affected area. The LBP determination was performed in accordance with the established protocols outlined in the MDEP Lead Management Regulation (06-096 C.M.R. Chapter 424 § 7, 2021) and as applicable to this project. The testing provides information on the lead content and an assessment of the condition of the surfaces tested.

The LBP/lead-containing surface coating testing was conducted using a portable X-Ray Fluorescence (XRF) Lead Paint Analyzer (RMD LPA-1), which non-destructively tests for the presence of LBP or other lead-containing surface coatings. The XRF analyzer is licensed with the Maine Department of Human Services Radiation Control Program and operated in accordance with all applicable regulations and conditions of licensure. The determination as to whether a component contains lead is based upon the MDEP Lead Management Regulations (Chapter 424). The MDEP defines a component as lead-containing if the XRF result is ≥ 1.0 milligrams per square centimeter (mg/cm2). A visual assessment of the existing condition of the identified LBP was also completed at the time of the determination.

LBP/lead-containing surface coatings were not identified on interior surfaces within the affected area. Two lead sheets were observed on the door to the radiology room.

Additional lead shielding was identified using the XRF, in the wall used to protect the radiologist during operation. An LBP/lead-containing surface coating determination report is included as **Attachment D**.

This report was prepared by Haley Ward for the sole use of MDI Hospital and should not be reproduced without their full, written authorization. Please contact either of the undersigned at (207) 989-4824 if you have any questions related to this project or if additional services are required.

Sincerely,
Haley Ward, Inc.

Deborah A. Kasik
Project Scientist II
MDEP Asbestos Inspector AI-0177
MDEP Lead Risk Assessor LR-0003

Dennis B. Kingman, Jr., CHMM
Senior Project Manager II/Vice President

DAK/DBK/kjf
Attachments

FIGURES

H101 - FIRST FLOOR

PLAN REFERENCE:

FLOOR PLAN DERIVED FROM DRAWINGS BY OTHERS PROVIDED TO HALEY WARD, INC AND ARE NOT WARRANTED AS TO ACCURACY AND ARE INTENDED TO BE SCHEMATIC.

ASBESTOS LEGEND

ED-001A	SAMPLE NUMBER AND LOCATION TESTING POSITIVE FOR ASBESTOS
ED-002A	SAMPLE NUMBER AND LOCATION TESTING NEGATIVE FOR ASBESTOS
ED-001B	SAMPLE NUMBER AND LOCATION NOT ANALYZED (POSITIVE STOP)
	NON-ACM FLOOR TILE WITH ASSOCIATED ACM ADHESIVE
	ACM CEILING TILE
	ACM DUCT INSULATION
X-1	ACM MUD INSULATED PIPE FITTINGS ABOVE CEILING TILES
X-3	ACM MUD INSULATED PIPE FITTINGS

OUTLINE OF SCOPE OF WORK

ED-016A
ED-015B
ED-015AC
ED-025A
ED-024A
ED-023ABC
ED-026A
ED-021A
ED-022ABC
ED-021B
ED-019ABC
ED-020ABC
ED-018A
ED-017A
ED-017BC
ED-005A
ED-012A
ED-002C
ED-014A
ED-013A
ED-007ABC
ED-006ABC
ED-010A
ED-009ABC
ED-011A
ED-008ABC
ED-001C
ED-002B
ED-004A
ED-003A
ED-005B
ED-001B
ED-005C
ED-001A
ED-002A

LOUVER
STAIR
BIOHAZARD
GEN. RM.
MECH
OFFICE
OFFICE
TO STORAGE
UP
TLT
CONF.
OFFICE
CORR
PASS
OFFICE
CORR
ALCOVE
STORAGE
ELEV.
BOILER RM.
LOUVER
CORR
BOILER RM. SHOP
STAIR
UP
CORR
UP
UNEXCAVATED
ELEV EQUIP
MECH. EQUIP.
GAMMA
HOT LAB
C.T. SCAN
VIEWING
READING
UP
CRAWL SPACE
ELEV.
CONTROL
ULTRA SOUND
EXIST SORT
CORR
SERVICE CORR.
STOR.
FREEZER
STORE
UP
ULTRA SOUND
TLT
TLT
CORR
PATH OFF.
LOUNGE
STOR.
STAIR
CORR.
KIT.
OFFICE
REF.
REF
PROCESSOR ALCOVE
DARK RM.
CORR
JAN
ULTRA SOUND
PASS
EXAM/ TRT
STORAGE
TOILET
TLT
CARTS
GEN. X-RAY
OFFICE
CONSULT
WAITING
GEN. STOR.
KIT.
POT WASH
JAN
OSTEO
TRANSCRIPT
CONTROL
WAITING
WORK
OFFICE
KIT.
DISH WASH
STORAGE
CORR
EXIST REF
OFFICE
RECEPTION
OFFICE
TRAYS
CORR
MAIN/EMERGENCY ROOM ENTRANCE
VEST.
OXYGEN
CORR
X-5
LOBBY/WAITING
EXAM
CORR
SERVING
TLT
CORR
LOBBY
AMBULANCE ENTRANCE
ENV. SER.
DINING
STAIR
UP
TLT
PASS
REGISTRATION
PASS
ED-013A
PURCHASING OFF.
TELECOMM
MECHANICAL TRANSFORMER
ELEV EQ.
X-15
HEMOT.
ED-007ABC
EXAM
SLEEP
TLT
ELEC.
OFFICE/INTERVIEW
VEST.
ED-006ABC
ED-010A
LOCKERS
SH
DRESS
MECH
MECH RM
OFFICE
OFFICE
ELEV.
ELEV.
CORR
EXAM
MAJOR TRT.
STOR.
ED-009ABC
CLOSET
X-3
02 STOR
CORR
ED-011A
TECH RM
LAB OFF.
CORR
CORR
CORR
OFFICE
ED-008ABC
CORR.
CORR
N.S
ED-001C
TOILET
ALCOVE
STOR
ED-002B
STOR
TREAT.
TECH OFFICE
EXAM
CORR.
EXAM
ED-004A
STOR
EXISTING MECH. ROOM
PHYSICAL THERAPY GYM
ED-003A
TREAT.
HYDRO
STAFF LOCKERS
TRT
TRT
CLEAN UTILITY
ED-005B
MICRO
2
1
LOUVER
TLT
TLT
TLT
ED-001B
ED-005C
ED-001A
ED-002A

FIRST FLOOR PLAN

SCALE: NOT TO SCALE

REV.	DATE	DESCRIPTION	BY	CHK.

DRAWING ISSUE STATUS

NOT FOR CONSTRUCTION

HALEY WARD
ENGINEERING | ENVIRONMENTAL | SURVEYING
One Merchants Plaza, Suite 701
Bangor, Maine 04401
207.989.4824
WWW.HALEYWARD.COM

PROJECT

MDI HOSPITAL
BAR HARBOR, ME

TITLE

FIRST FLOOR SOUTH END HAZARDOUS MATERIAL ASSESSMENT

DATE	SCALE
2024.11.05	AS NOTED

DRAWN BY	DESIGNED BY	CHECKED BY
MEB	DAK	DAK

PROJECT No. 12355.003

DRAWING No. **H101** REV.

ATTACHMENT A

ASBESTOS INSPECTOR CERTIFICATION
LEAD RISK ASSESSOR CERTIFICATION

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

December 5, 2023

Haley Ward, Inc.
One Merchants Plaza Suite 701
Bangor, Maine 04401

Dear Licensee:

Asbestos application(s) for individual certification of the **two** employee(s) listed below have been received and **approved**. Individual certification numbers are listed below and wallet card(s) are enclosed. Card(s) are property of the individual to whom each is issued. Your responsibility as a **licensee is to ensure delivery of the** cards to persons in your employment. This letter should be retained for your company files as record of certification. **Please attach 1 updated passport size photo with every application.**

Remember, in Maine all **certified employees** working on an asbestos abatement project, whether conducting removal/repair, air monitoring, design, inspection, or analysis functions, **must work for a State of Maine licensed asbestos firm** and carry his/her wallet card(s) on the job site.

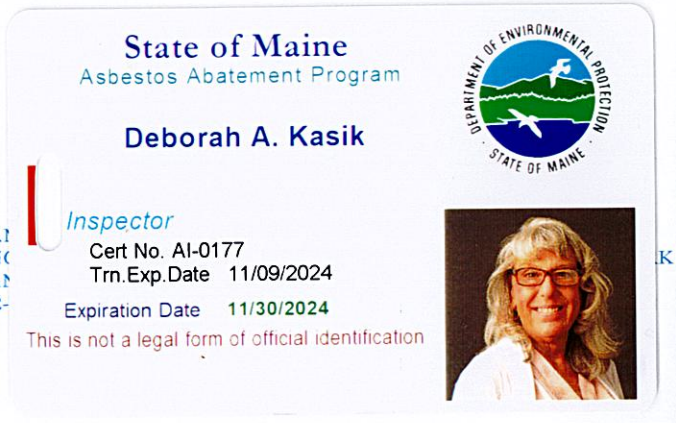
As a reminder, prior to renewing your asbestos certification, the State of Maine **requires** an annual refresher course to be taken before submitting a renewal application. A certificate shall expire one year from the last day of the month from the date of issuance, **or on the last day of the month that the training certificate expires**, whichever is sooner.

All our asbestos forms can be found at https://www.maine.gov/dep/waste/asbestos/forms.html
Thank you for your cooperation and your completed application(s).

Name	Category	Certification #	Exp. Date
Deborah A. Kasik	Inspector	AI-0177	11/30/2024
Dennis B. Kingman, Jr.	Inspector	AI-0034	11/30/2024

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management



AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO
PORTLAND
(207) 822-

website: www.maine.gov/dep

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

January 21, 2024

Attn: Deborah A. Kasik
Haley Ward, Inc.
One Merchant's Plaza Suite 701
Bangor, Maine 04401

Dear Ms. Kasik,

Your lead application for certification has been received and **approved**. You have been granted certification as a **Lead Risk Assessor LR-0003**. Enclosed is your wallet card, with an expiration date of **January 4, 2025**. All employees working on a lead abatement project must carry this photo ID wallet card. The card is property of the individual to whom it is issued. Your responsibility as a licensee is to ensure delivery of the card to person in your employment. This letter should be retained for your company files as record of certification. Please attach 1 updated passport size photo with every application.

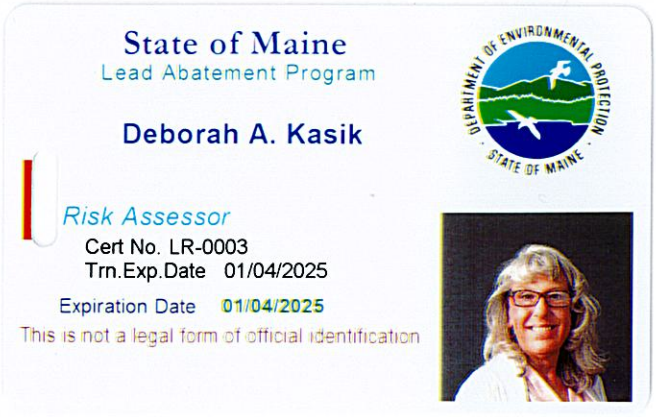
Thank you for your cooperation and your completed application(s). Applications can now be found on our DEP webpage at the following:
https://www.maine.gov/dep/waste/lead/forms/index.html

If you have any questions on this certification or on any other aspect of DEP's lead abatement licensing program, please call Sandy Moody (207) 242-0877 or email sandy.j.moody@maine.gov

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

Enclosure



AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

web site: www.maine.gov/dep

ATTACHMENT B

ASBESTOS ANALYTICAL LABORATORY CERTIFICATIONS

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

September 2, 2023

Attn: Lorie Dennis,| QA Certification Coordinator
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

Dear Ms. Dennis,

This is to confirm that the Maine Department of Environmental Protection is in receipt of your request to add the following labs to your licensing of Analytical Laboratories: Boston, MA., South Portland, Maine, Wallingford, CT and Carle Place, NY.

LA-0038 for Asbestos Analytical Laboratory (Air), expires on 10/31/2024
LB-0039 for Asbestos Analytical Laboratory (Bulk), expires on 10/31/2024

Remember each laboratory must have certified individual(s) within the lab to perform analyses.

If you need any further assistance please feel free to contact me at (207) 242-0877 or e-mail at sandy.j.moody@maine.gov.

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

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1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

web site: www.maine.gov/dep

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Air)

License Number: LA-0038

Expiration Date: 10/31/2024

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0039

Expiration Date: 10/31/2024

S. PORTLAND - INDIVIDUAL ANALYST CERTIFICATIONS

State of Maine

October 30, 2023

Employee Name	*Lab Location*	*State Certified*	*Certification No.*	*Type of Cert.*	*Exp. Date*
Stephen Severn	S. Portland	Maine	AA-0497	Air Asbestos Analyst	10/31/2024
Stephen Severn	S. Portland	Maine	BA-0178	Bulk Asbestos Analyst	10/31/2024
Stefan Reis	S. Portland	Maine	BA-0233	Bulk Asbestos Analyst	5/31/2024

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 500094-0

EMSL Analytical, Inc.

South Portland, ME

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2024-10-01 through 2025-09-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
161 John Roberts Road
South Portland, ME 04106
Stephen Severn
Phone: 207-517-6921
Email: ssevern@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 500094-0**

Bulk Asbestos Analysis

Code	***Description***
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: January 01, 2025
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision20: 06/07/2022

Date Issued: 01/01/2023

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194
Issue Date: 01/01/2023

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400	Asbestos/Fibers
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	EPA 600/R-93/116	Asbestos & Other Fibers in Bulk
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	EPA AHERA - 40 CFR Part 763	Asbestos
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	NIOSH 7402	Asbestos/Fibers
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5502 Modified	Aldrin & Lindane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503 Modified	Polychlorinated biphenyls
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5510 Modified	Chlordane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003 Modified	Halogenated Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005 Modified	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400 Modified	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500 Modified	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501 Modified	Aromatic Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550 Modified	Total Petroleum Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603 Modified	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000 Modified	Methyl Alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1501	Aromatic Hydrocarbons

ATTACHMENT C

ASBESTOS LABORATORY ANALYTICAL RESULTS

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Attn: Deb Kasik
Haley Ward
1 Merchant's Plaza
7th Floor
Bangor, ME 04401

Proj: 12355.003 BOILER ROOM (BR)

Phone: (207) 989-4824
Fax: (207) 989-4881
Collected: 10/ 2/2024
Received: 10/04/2024
Analyzed: 10/09/2024

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-001A **Lab Sample ID:** **622400867-0001**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (MAG)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	50.0%	**50% Chrysotile**	

Client Sample ID: BR-001B **Lab Sample ID:** **622400867-0002**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (MAG)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

Client Sample ID: BR-001C **Lab Sample ID:** **622400867-0003**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (MAG)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

Client Sample ID: BR-002A **Lab Sample ID:** **622400867-0004**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/PIPE INSULATION (CORRUAGTED)

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	50.0%	**50% Chrysotile**	

Client Sample ID: BR-003A **Lab Sample ID:** **622400867-0005**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/MUDDED PUPE FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	50.0%	**50% Chrysotile**	

Client Sample ID: BR-003B **Lab Sample ID:** **622400867-0006**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/MUDDED PUPE FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

Client Sample ID: BR-003C **Lab Sample ID:** **622400867-0007**
Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/MUDDED PUPE FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/09/2024			Positive Stop (Not Analyzed)		

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-004A ***Lab Sample ID:*** **622400867-0008**

Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/RED FIRE STOP CAULK - CAULKING

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	Red	0.0%	100%	None Detected	

Client Sample ID: BR-005A ***Lab Sample ID:*** **622400867-0009**

Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/CT 4X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: BR-005B ***Lab Sample ID:*** **622400867-0010**

Sample Description: HALL OUTSIDE BOILER ROOM (ABOVE CT)/CT 4X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: BR-005C ***Lab Sample ID:*** **622400867-0011**

Sample Description: HALL OUTSIDE BOILER ROOM/CT 4X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: BR-006A ***Lab Sample ID:*** **622400867-0012**

Sample Description: HALL OUTSIDE BOILER ROOM/FT 12" CREAM W/ PPLE + PINK STREAKS - FLOOR TILE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	White	0.0%	100%	None Detected	

Client Sample ID: BR-006B ***Lab Sample ID:*** **622400867-0013**

Sample Description: HALL OUTSIDE BOILER ROOM/FT 12" CREAM W/ PPLE + PINK STREAKS - FLOOR TILE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	White	0.0%	100%	None Detected	

Client Sample ID: BR-006C ***Lab Sample ID:*** **622400867-0014**

Sample Description: HALL OUTSIDE BOILER ROOM/FT 12" CREAM W/ PPLE + PINK STREAKS - FLOOR TILE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/09/2024	White	0.0%	100%	None Detected	

Client Sample ID: BR-007A ***Lab Sample ID:*** **622400867-0015**

Sample Description: HALLWAY (ABOVE CEILING)/CLAY WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Brown	0.0%	100.0%	None Detected	

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-007B ***Lab Sample ID:*** **622400867-0016**

Sample Description: HALLWAY (ABOVE CEILING)/CLAY WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: BR-007C ***Lab Sample ID:*** **622400867-0017**

Sample Description: HALLWAY (ABOVE CEILING)/CLAY WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Brown	0.0%	100.0%	None Detected	

Client Sample ID: BR-008A ***Lab Sample ID:*** **622400867-0018**

Sample Description: SKIMCOAT ON WALLS (HIGH VOLTAGE RM)/SKIMCOAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-008B ***Lab Sample ID:*** **622400867-0019**

Sample Description: SKIMCOAT ON WALLS (HIGH VOLTAGE RM)/SKIMCOAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-008C ***Lab Sample ID:*** **622400867-0020**

Sample Description: SKIMCOAT ON WALLS (HIGH VOLTAGE RM)/SKIMCOAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-009A ***Lab Sample ID:*** **622400867-0021**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/SKIMCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-009B ***Lab Sample ID:*** **622400867-0022**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/SKIMCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

Client Sample ID: BR-009C ***Lab Sample ID:*** **622400867-0023**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/SKIMCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	White	0.0%	100.0%	None Detected	

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400867
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: BR-0010A ***Lab Sample ID:*** **622400867-0024**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/BROWNCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: BR-0010B ***Lab Sample ID:*** **622400867-0025**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/BROWNCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: BR-0010C ***Lab Sample ID:*** **622400867-0026**

Sample Description: CORRIDOR (BETWEEN 2 HALLWAYS)/BROWNCOAT-PLASTER

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/09/2024	Gray	0.0%	100.0%	None Detected	

PLM: ME CERT BA-0178

PLM EPA NOB: ME CERT BA-0178

Analyst(s):

Stephen Severn PLM (18)
PLM Grav. Reduction (4)

Reviewed and approved by:

Stephen Severn, Technical Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This is a summary report; official reports are available on LabConnect or upon request and 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. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. South Portland, ME NVLAP Lab Code 500094-0, VT AL197271, ME LM-0039, MA AA000236

Initial report from: 10/10/202410:33:05

OrderID: 622400867

EMSL Analytical, Inc.

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400867

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

South Portland, ME 04106
PHONE: (207) 517-6921
EMAIL: portlandlab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Haley Ward	Company Name:	Haley Ward
Contact Name:	Deb Kasik	Billing Contact:	Julie Oreskovich
Street Address:	1 Merchant's Plaza 7th Floor	Street Address:	1 Merchant's Plaza, 7th Floor
City, State, Zip:	Bangor ME 0440[illegible] Country: US	City, State, Zip:	Bangor ME Country: US
Phone:	207-989-4824	Phone:	207-989-4824
Email(s) for Report:	dkasik@haleyward.com	Email(s) for Invoice:	

Project Information

Project Name/No: 12355.003 BR
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: ME
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Deb Kasik
Sampled By Signature: Deborah A Kasik
Date Sampled: 10-2-24
No. of Samples in Shipment 26

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☑ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

☑ PLM EPA 600/R-93/116 (<1%)
☑ PLM EPA NOB (<1%)
☑ POINT COUNT
☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
☐ POINT COUNT w/ GRAVIMETRIC
☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
☐ NIOSH 9002 (<1%)
☐ NYS 198.1 (Friable - NY)
☐ NYS 198.6 NOB (Non-Friable - NY)
☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

☐ TEM EPA NOB
☐ NYS NOB 198.4 (Non-Friable - NY)
☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☑ Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description
BR-001A		Hall outside Boiler Rm (above CT)	Pipe insulation (mag)
B		" "	(mag)
C		" "	(mag)
BR-002A		" "	(corrugated)
BR-003A		" "	Mudded pipe fitting insulation
B		" "	
C		" "	
BR-004A		" "	Red fric stop caulk
BR-005A		" "	CT 4x2 fissw/pintole
B		" "	

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

NOB per ME DEP

BR = Boiler Rm Section

Method of Shipment: Fed Ex 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by: Deborah A Kasik	Date/Time: 10/4/24 4pm	Received by: EB	Date/Time 10.04.24 0944
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 9/14/2021

☐ 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.

RECEIVED
OCT 04 2024
BY: EB

Page 1 of 2

OrderID: 622400867

EMSL ANALYTICAL, INC.
LABORATORY•PRODUCTS•TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400867

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.)

Sample Number	HA Number	Sample Location	Material Description
BR-005C		Wall outside boiler room	CT 4x2 fiss "/pink
BR-006A		Wall outside boiler room	FT 12" cream "/pink streaks
B		"	↓
C		"	↓
BR-007A		Hallway (above ceiling)	Clay wall material
B		↓	↓
C		↓	↓
BR-008A		Skimcoat on walls (High voltage Rm)	Skimcoat on walls
B		"	↓
C		"	↓
BR-009A		Corridor (between 2 hallways)	Skimcoat-Plaster
B		"	↓
C		↓	↓
BR-010A		↓	Brown coat-Plaster
B		↓	↓
C		↓	↓

Method of Shipment: Fedex 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 10/2/24	Received by: EB	Date/Time 10.04.24 0922
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

RECEIVED
OCT 04 2024
BY: EB

☐ 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

LEAD-BASED PAINT DETERMINATION

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

HALEY WARD	***CLIENT:***	MDI HOSPITAL	***DATE:***	10/2/2024
	SITE:	FIRST FLOOR - NORTH END	***HALEY WARD #:***	12355.003
	BLDG:	**INTERIOR**	***Page:***	1 OF 1

XRF # **RMD LPA-1 #3305; ME Radiation License #31223** ***Inspector Signature:*** *Deborah A. Kasik/LR#0003*

FIELD ID #	***SAMPLE LOCATION***	***SIDE***	***COMPONENT(S)***	***COLOR***	***SUBSTRATE TYPE:***	***RESULTS mg/cm²***	***CONDITION***	***NOTES:***
L-1	CORRIDOR TO BOILER ROOM		WALLS	CREAM	MASONRY	0.0/0.0/0.2		
L-2			DOOR CASING/JAMB	WHITE	METAL	0.0/0.4		
L-3	BOILER ROOM		WALLS	BLUE	MASONRY	0.0/0.0		
L-4			DOOR CASING/JAMB	WHITE	METAL	0.0/0.0		
L-5			FLOOR	GRAY	CONCRETE	0.0		
L-6	ELECTRICAL ROOM		SKIMCOAT	WHITE	CONCRETE	0.0		
L-7			DOOR	STAIN	WOOD	0.0		
L-8	REAR CORRIDOR		WALLS	WHITE	MASONRY	0.1/0.0/0.0		

= Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic; O = Other (indicate material). Results expressed as mg/cm² (milligrams per square centimet

November 5, 2024

Mr. Doug Springer
Director, Physical Plan Services
Mount Desert Island (MDI) Hospital
10 Wayman Lane
Bar Harbor, Maine 04609

Re: Hazardous Materials Assessment | Second Floor - Southeast End| MDI Hospital | Bar Harbor, Maine

Dear Mr. Springer:

At your request, Haley Ward, Inc. (Haley Ward) completed a Hazardous Materials Assessment (HMA) within the Second Floor - Southeast End of the hospital to support a proposed renovation project within this location. This HMA included the completion of an Asbestos Renovation Impact Survey and Lead-Based Paint (LBP)/lead-containing surface coating determination.

The rooms, as identified by MDI Hospital, as impacted by the Second Floor - Southeast End renovation project (and collectively referred to as the "affected area") include the following:

- Pharmacy;
- Oncology; and
- Offices.

Previous renovations have been completed in both the Pharmacy and Oncology.

ASBESTOS RENOVATION IMPACT SURVEY

The Asbestos Renovation Impact Survey was conducted in accordance with Maine Department of Environmental Protection (MDEP) Asbestos Management Regulations (06-096 C.M.R. Chapter 425, 2011) and was completed to provide MDI Hospital with information regarding the presence of asbestos-containing materials (ACM) within the interior of the affected area of the building potentially impacted by the planned Second Floor (Southeast End) renovation project. Ms. Deborah Kasik (Haley Ward), an asbestos inspector licensed by the MDEP (AI#-0177), completed the field survey on October 2, 2024. A copy of Ms. Kasik's Asbestos Inspector certification is included as **Attachment A**.

Completion of the Asbestos Renovation Impact Survey included:

- Visual identification of suspect ACM on the interior of the affected area of the building.
- Collection of 42 bulk samples of identified suspect ACM.
- Quantification of identified ACM.

ONE MERCHANTS PLAZA, SUITE 701, BANGOR, ME 04401 207.989.4824 | HALEYWARD.COM

As with any scientific study, an Asbestos Renovation Impact Survey is subject to a variety of limitations. Limitations to be considered in interpreting the results of the survey performed within this building include:

- Variations in building materials used during construction and subsequent renovations.
- Inaccessible areas within wall cavities, below sub-floors, and above solid ceilings.
- Condition of the structure at the time of the survey.

The following is a summary of field findings and laboratory analytical results of the survey:

Forty-two samples of suspect ACM were collected including:

- Gypsum wall and ceiling material;
- Three types of ceiling tile;
- Two types of floor tile and associated adhesives;
- Four types of sheet flooring;
- Cove base adhesive;
- Skim coat on hallway walls above ceiling tile;
- Carpet adhesive;
- Pipe insulation and associated mud insulated pipe fittings;
- Mud insulated pipe fittings on fiberglass-insulated lines; and
- Fire stop caulk.

Bulk samples of suspect ACM were submitted to EMSL Analytical, Inc. (EMSL) of South Portland, Maine, for laboratory analysis. Bulk samples collected during this survey were analyzed using the MDEP required analytical methods: "PLM-EPA 600/R-93/116" (for surfacing, thermal system insulation, and cementitious materials) and "PLM NOB-EPA 600/R-93/116" (for non-friable organically bound materials (NOBs)) (e.g., floor tile, adhesives, and roofing) with "gravimetric reduction." Samples were analyzed at the EMSL laboratory, which is certified to perform asbestos analysis by both the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA). EMSL is a MDEP licensed Asbestos Analytical Laboratory. A copy of EMSL's laboratory certifications is included as **Attachment B**. Laboratory analytical results and chain of custodies are included as **Attachment C**.

According to the MDEP Asbestos Management Regulations, bulk samples shall be analyzed until a positive result is obtained or all samples have been analyzed. The MDEP defines ACM as "any material containing asbestos in quantities greater than or equal to one percent by volume as determined by weight, visual evaluation, and/or point count analysis."

ACM identified by laboratory analysis included:

- Pipe insulation and associated mud insulated pipe fittings;
- Mud-insulated pipe fittings on fiberglass lines; and
- Black adhesive beneath carpeting.

A summary of identified ACM, including estimated quantity and location, and cost estimate for abatement are included in **Table 1**. Location of identified ACM, and sample locations are included on **Figure H102**.

TABLE 1 | SUMMARY OF IDENTIFIED ASBESTOS-CONTAINING MATERIALS

Location	Identified ACM	Total Estimated Quantity	Unit Cost	Estimated Abatement Cost
Second Floor Main Corridor	Pipe Insulation and associated mud insulated pipe fittings	55 Linear Feet (LF)	$100/LF	$5,500
Second Floor Main Corridor	Pipe insulation and associated mud insulated pipe fittings	12 Each (EA)	$100/LF	$1,200
Second Floor Main Corridor	Black adhesive beneath Carpet	565 Square feet (SF)	$15/SF	$8,475
			TOTAL	**$15,175**

The estimated abatement costs presented in **Table 1** do not include material replacement costs, regulatory agency notification fees, or a contingency fee. The estimate assumes the abatement contractor will be responsible for preparing the asbestos abatement design. Regulatory agency notification fees associated with this project will vary depending on phasing and project schedule. Actual abatement costs may vary depending upon the quantity of ACM to be abated and abatement methods used. The budgetary cost estimate provided is conservative since the timing of and/or approach to abatement has not been established.

LEAD-BASED PAINT/LEAD-CONTAINING SURFACE COATING DETERMINATION

An LBP/lead-containing surface coating determination was conducted by Ms. Deborah A. Kasik, a MDEP certified Lead Risk Assessor. A copy of Ms. Kasik's Lead Risk Assessor certification is included in **Attachment A**. The purpose of the determination was to identify LBP/lead-containing surface coatings, if present, on the interior surfaces within the affected area. The LBP determination was performed in accordance with the established protocols outlined in the MDEP Lead Management Regulation (06-096 C.M.R. Chapter 424 § 7, 2021) and as applicable to this project. The testing provides information on the lead content and an assessment of the condition of the surfaces tested.

The LBP/lead-containing surface coating testing was conducted using a portable X-Ray Fluorescence (XRF) Lead Paint Analyzer (RMD LPA-1), which non-destructively tests for the presence of LBP or other lead-containing surface coatings. The XRF analyzer is licensed with the Maine Department of Human Services Radiation Control Program and operated in accordance with all applicable regulations and conditions of licensure. The determination as to whether a component contains lead is based upon the MDEP Lead

Management Regulations (Chapter 424). The MDEP defines a component as lead-containing if the XRF result is ≥ 1.0 milligrams per square centimeter (mg/cm^2). A visual assessment of the existing condition of the identified LBP was also completed at the time of the determination.

LBP/lead-containing surface coatings were not identified on interior surfaces of the affected area. An LBP/lead-containing surface coatings determination report is included as **Attachment D**.

This report was prepared by Haley Ward for the sole use of MDI Hospital and should not be reproduced without their full, written authorization. Please contact either of the undersigned at (207) 989-4824 if you have any questions related to this project or if additional services are required.

Sincerely,
Haley Ward, Inc.

Deborah A. Kasik
Project Scientist II
MDEP Asbestos Inspector AI-0177
MDEP Lead Risk Assessor LR-0003

Dennis B. Kingman, Jr., CHMM
Senior Project Manager II/Vice President

DAK/DBK
Attachments

FIGURE

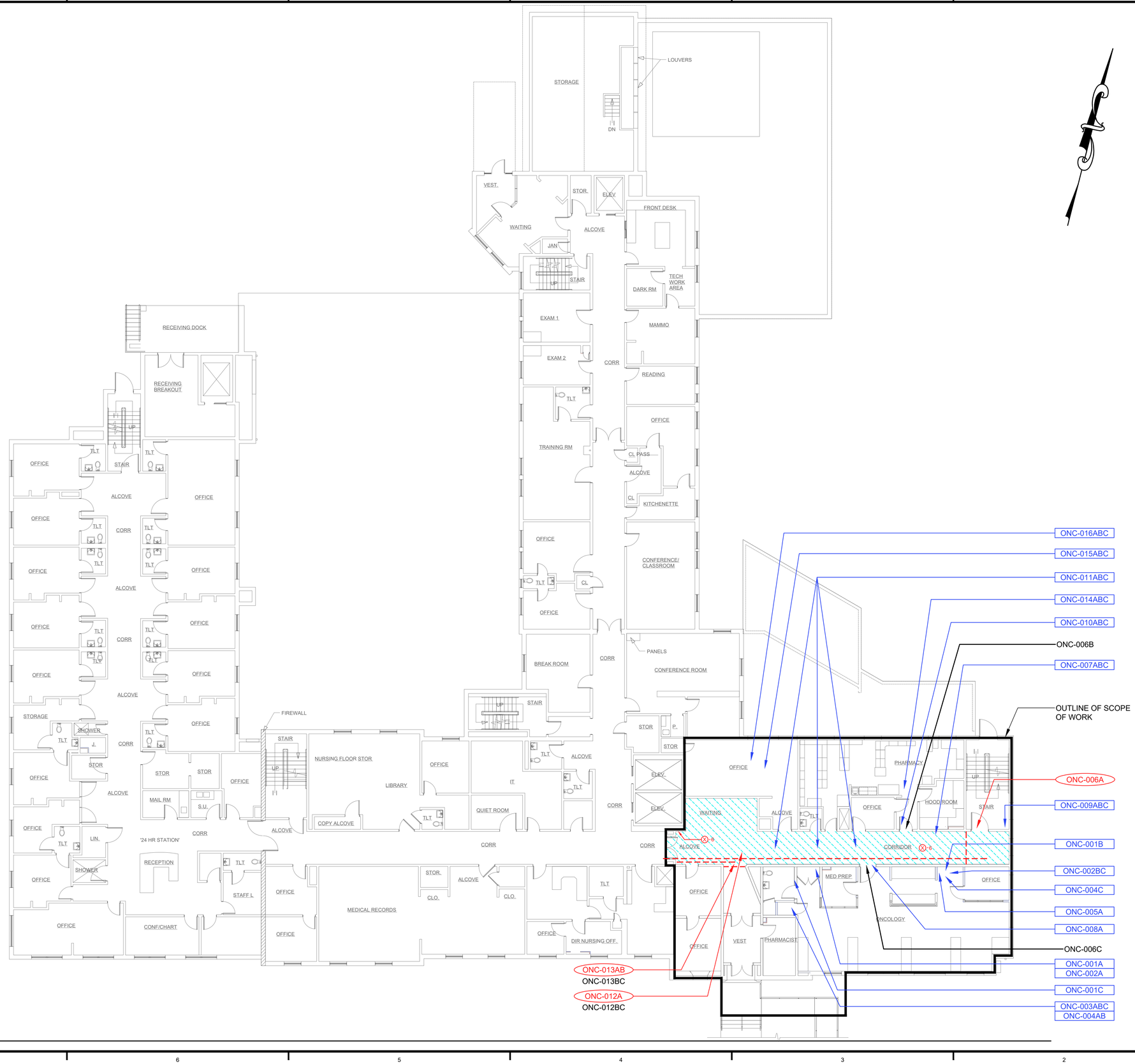
H102 - SECOND FLOOR

PLAN REFERENCE:

FLOOR PLAN DERIVED FROM DRAWINGS BY OTHERS PROVIDED TO HALEY WARD, INC AND ARE NOT WARRANTED AS TO ACCURACY AND ARE INTENDED TO BE SCHEMATIC.

ASBESTOS LEGEND

ONC-001A	SAMPLE NUMBER AND LOCATION TESTING POSITIVE FOR ASBESTOS
ONC-002A	SAMPLE NUMBER AND LOCATION TESTING NEGATIVE FOR ASBESTOS
ONC-001B	SAMPLE NUMBER AND LOCATION NOT ANALYZED (POSITIVE STOP)
	ACM ADHESIVE BENEATH CARPET
	ACM INSULATED PIPE AND ASSOCIATED MUD INSULATED PIPE FITTING
X-1	ACM MUD INSULATED PIPE FITTING ABOVE CEILING TILES



SECOND FLOOR PLAN

SCALE: NOT TO SCALE

REV.	DATE	DESCRIPTION	BY	CHK.

DRAWING ISSUE STATUS

NOT FOR CONSTRUCTION

HALEY WARD
ENGINEERING | ENVIRONMENTAL | SURVEYING
One Merchants Plaza, Suite 701
Bangor, Maine 04401
207.989.4824
WWW.HALEYWARD.COM

PROJECT

MDI HOSPITAL
BAR HARBOR, ME

TITLE

SECOND FLOOR SOUTHEAST END HAZARDOUS MATERIAL ASSESSMENT

DATE	SCALE
2024.11.05	AS NOTED

DRAWN BY	DESIGNED BY	CHECKED BY
MEB	DAK	DAK

PROJECT No. 12355.003

DRAWING No. **H102**

REV.

ATTACHMENT A

ASBESTOS INSPECTOR CERTIFICATION
LEAD RISK ASSESSOR CERTIFICATION

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

December 5, 2023

Haley Ward, Inc.
One Merchants Plaza Suite 701
Bangor, Maine 04401

Dear Licensee:

Asbestos application(s) for individual certification of the **two** employee(s) listed below have been received and **approved**. Individual certification numbers are listed below and wallet card(s) are enclosed. Card(s) are property of the individual to whom each is issued. Your responsibility as a **licensee is to ensure delivery of the** cards to persons in your employment. This letter should be retained for your company files as record of certification. **Please attach 1 updated passport size photo with every application.**

Remember, in Maine all **certified employees** working on an asbestos abatement project, whether conducting removal/repair, air monitoring, design, inspection, or analysis functions, **must work for a State of Maine licensed asbestos firm** and carry his/her wallet card(s) on the job site.

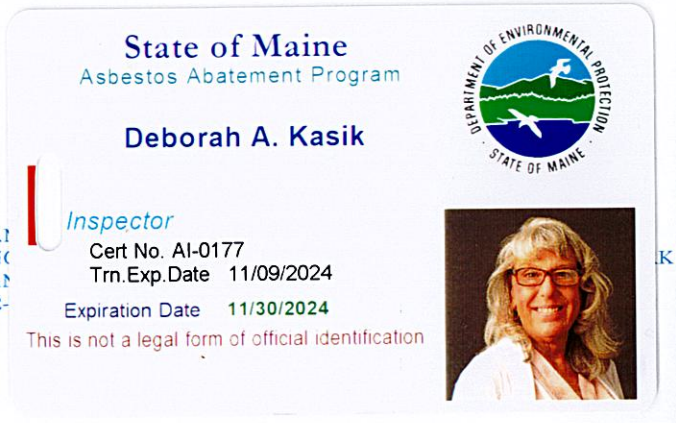
As a reminder, prior to renewing your asbestos certification, the State of Maine **requires** an annual refresher course to be taken before submitting a renewal application. A certificate shall expire one year from the last day of the month from the date of issuance, **or on the last day of the month that the training certificate expires**, whichever is sooner.

All our asbestos forms can be found at https://www.maine.gov/dep/waste/asbestos/forms.html
Thank you for your cooperation and your completed application(s).

Name	Category	Certification #	Exp. Date
Deborah A. Kasik	Inspector	AI-0177	11/30/2024
Dennis B. Kingman, Jr.	Inspector	AI-0034	11/30/2024

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management



AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO
PORTLAND
(207) 822-

website: www.maine.gov/dep

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

January 21, 2024

Attn: Deborah A. Kasik
Haley Ward, Inc.
One Merchant's Plaza Suite 701
Bangor, Maine 04401

Dear Ms. Kasik,

Your lead application for certification has been received and **approved**. You have been granted certification as a **Lead Risk Assessor LR-0003**. Enclosed is your wallet card, with an expiration date of **January 4, 2025**. All employees working on a lead abatement project must carry this photo ID wallet card. The card is property of the individual to whom it is issued. Your responsibility as a licensee is to ensure delivery of the card to person in your employment. This letter should be retained for your company files as record of certification. Please attach 1 updated passport size photo with every application.

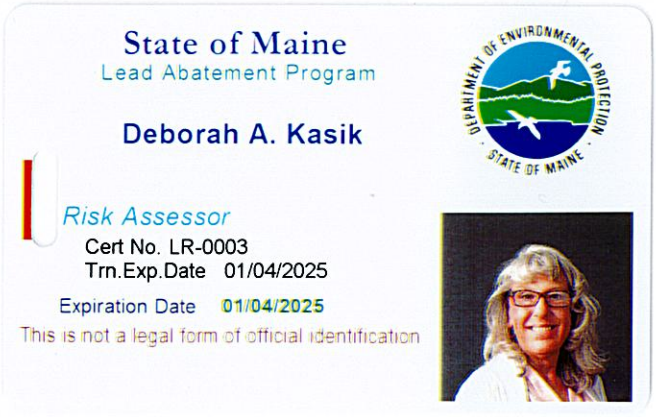
Thank you for your cooperation and your completed application(s). Applications can now be found on our DEP webpage at the following:
https://www.maine.gov/dep/waste/lead/forms/index.html

If you have any questions on this certification or on any other aspect of DEP's lead abatement licensing program, please call Sandy Moody (207) 242-0877 or email sandy.j.moody@maine.gov

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

Enclosure



AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

web site: www.maine.gov/dep

ATTACHMENT B

ASBESTOS ANALYTICAL LABORATORY CERTIFICATIONS

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

September 2, 2023

Attn: Lorie Dennis,| QA Certification Coordinator
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

Dear Ms. Dennis,

This is to confirm that the Maine Department of Environmental Protection is in receipt of your request to add the following labs to your licensing of Analytical Laboratories: Boston, MA., South Portland, Maine, Wallingford, CT and Carle Place, NY.

LA-0038 for Asbestos Analytical Laboratory (Air), expires on 10/31/2024
LB-0039 for Asbestos Analytical Laboratory (Bulk), expires on 10/31/2024

Remember each laboratory must have certified individual(s) within the lab to perform analyses.

If you need any further assistance please feel free to contact me at (207) 242-0877 or e-mail at sandy.j.moody@maine.gov.

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
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312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

web site: www.maine.gov/dep

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Air)

License Number: LA-0038

Expiration Date: 10/31/2024

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0039

Expiration Date: 10/31/2024

S. PORTLAND - INDIVIDUAL ANALYST CERTIFICATIONS

State of Maine

October 30, 2023

Employee Name	*Lab Location*	*State Certified*	*Certification No.*	*Type of Cert.*	*Exp. Date*
Stephen Severn	S. Portland	Maine	AA-0497	Air Asbestos Analyst	10/31/2024
Stephen Severn	S. Portland	Maine	BA-0178	Bulk Asbestos Analyst	10/31/2024
Stefan Reis	S. Portland	Maine	BA-0233	Bulk Asbestos Analyst	5/31/2024

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 500094-0

EMSL Analytical, Inc.

South Portland, ME

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2024-10-01 through 2025-09-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
161 John Roberts Road
South Portland, ME 04106
Stephen Severn
Phone: 207-517-6921
Email: ssevern@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 500094-0**

Bulk Asbestos Analysis

Code	***Description***
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: January 01, 2025
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision20: 06/07/2022

Date Issued: 01/01/2023

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194
Issue Date: 01/01/2023

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400	Asbestos/Fibers
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	EPA 600/R-93/116	Asbestos & Other Fibers in Bulk
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	EPA AHERA - 40 CFR Part 763	Asbestos
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	NIOSH 7402	Asbestos/Fibers
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5502 Modified	Aldrin & Lindane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503 Modified	Polychlorinated biphenyls
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5510 Modified	Chlordane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003 Modified	Halogenated Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005 Modified	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400 Modified	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500 Modified	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501 Modified	Aromatic Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550 Modified	Total Petroleum Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603 Modified	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000 Modified	Methyl Alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1501	Aromatic Hydrocarbons

ATTACHMENT C

ASBESTOS LABORATORY ANALYTICAL RESULTS

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400868
Customer ID: CESI62
Customer PO:
Project ID:

Attn: Deb Kasik
Haley Ward
1 Merchant's Plaza
7th Floor
Bangor, ME 04401

Proj: 12355.003 ONCOLOGY (ONC)

Phone: (207) 989-4824
Fax: (207) 989-4881
Collected: 10/ 2/2024
Received: 10/04/2024
Analyzed: 10/10/2024

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: ONC-001A **Lab Sample ID:** 622400868-0001
Sample Description: HALLWAY/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Brown/Tan	8.0%	92.0%	None Detected	

Client Sample ID: ONC-001B **Lab Sample ID:** 622400868-0002
Sample Description: NEAR ONC. OFFICE/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Brown/Tan	8.0%	92.0%	None Detected	

Client Sample ID: ONC-001C **Lab Sample ID:** 622400868-0003
Sample Description: CLOSET (ONC)/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Brown/Tan	8.0%	92.0%	None Detected	

Client Sample ID: ONC-002A **Lab Sample ID:** 622400868-0004
Sample Description: NEAR ONC. ENTRY/CT 2X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan/White	56.0%	44.0%	None Detected	

Client Sample ID: ONC-002B **Lab Sample ID:** 622400868-0005
Sample Description: NEAR ONC. OFFICE/CT 2X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	59.0%	41.0%	None Detected	

Client Sample ID: ONC-002C **Lab Sample ID:** 622400868-0006
Sample Description: NEAR ONC. OFFICE/CT 2X2 FISS W/ PINHOLE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	62.0%	38.0%	None Detected	

Client Sample ID: ONC-003A **Lab Sample ID:** 622400868-0007
Sample Description: CLOSET NEAR BATHROOM/FLOORING 1.5X1.5 TAN

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Tan	0.0%	100%	None Detected	

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
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http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400868
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: ONC-003B **Lab Sample ID:** **622400868-0008**
Sample Description: CLOSET NEAR BATHROOM/FLOORING 1.5X1.5 TAN

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: ONC-003C **Lab Sample ID:** **622400868-0009**
Sample Description: CLOSET NEAR BATHROOM/FLOORING 1.5X1.5 TAN

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: ONC-004A **Lab Sample ID:** **622400868-0010**
Sample Description: CLOSET NEAR BATHROOM/FLOORING 1.5X15 BLACK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Blue	0.0%	100%	None Detected	

Client Sample ID: ONC-004B **Lab Sample ID:** **622400868-0011**
Sample Description: CLOSET NEAR BATHROOM/FLOORING 1.5X15 BLACK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Blue	0.0%	100%	None Detected	

Client Sample ID: ONC-004C **Lab Sample ID:** **622400868-0012**
Sample Description: NEAR ONC. OFFICE/FLOORING 1.5X15 BLACK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Blue	0.0%	100%	None Detected	

Client Sample ID: ONC-005A **Lab Sample ID:** **622400868-0013**
Sample Description: NEAR ONC. OFFICE/COVEBASE ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: ONC-006A **Lab Sample ID:** **622400868-0014**
Sample Description: HALLWAY/CARPET ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Tan	0.0%	98.6%	**1.4% Chrysotile**	

Client Sample ID: ONC-006B **Lab Sample ID:** **622400868-0015**
Sample Description: HALLWAY/CARPET ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024				Positive Stop (Not Analyzed)	

Client Sample ID: ONC-006C **Lab Sample ID:** **622400868-0016**
Sample Description: HALLWAY/CARPET ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024				Positive Stop (Not Analyzed)	

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EMSL Order ID: 622400868
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: ONC-007A **Lab Sample ID:** **622400868-0017**
Sample Description: HALLWAY/SKIM COAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: ONC-007B **Lab Sample ID:** **622400868-0018**
Sample Description: HALLWAY/SKIM COAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	0.0%	100.0%	None Detected	

Client Sample ID: ONC-007C **Lab Sample ID:** **622400868-0019**
Sample Description: HALLWAY/SKIM COAT ON WALLS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	8.0%	92.0%	None Detected	

Client Sample ID: ONC-008A **Lab Sample ID:** **622400868-0020**
Sample Description: DOOR THRESHOLD TO ONCOLOGY/FT BLACK W/ WHITE AND GRAY

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Black	0.0%	100%	None Detected	

Client Sample ID: ONC-009A **Lab Sample ID:** **622400868-0021**
Sample Description: STAIRWELL/FT 12" WHITE W/ BLACK+GRAY

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	White	0.0%	100%	None Detected	

Client Sample ID: ONC-009B **Lab Sample ID:** **622400868-0022**
Sample Description: STAIRWELL/FT 12" WHITE W/ BLACK+GRAY

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	White	0.0%	100%	None Detected	

Client Sample ID: ONC-009C **Lab Sample ID:** **622400868-0023**
Sample Description: STAIRWELL/FT 12" WHITE W/ BLACK+GRAY

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	White	0.0%	100%	None Detected	

Client Sample ID: ONC-010A **Lab Sample ID:** **622400868-0024**
Sample Description: DOOR THRESHOLD TO PHARMACY/SF GRAY W/ WHITE DOTS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Gray	<0.25%	100%	None Detected	

Client Sample ID: ONC-010B **Lab Sample ID:** **622400868-0025**
Sample Description: DOOR THRESHOLD TO PHARMACY/SF GRAY W/ WHITE DOTS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Gray	0.0%	100%	None Detected	

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EMSL Order ID: 622400868
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: ONC-010C **Lab Sample ID:** **622400868-0026**
Sample Description: DOOR THRESHOLD TO PHARMACY/SF GRAY W/ WHITE DOTS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Gray	0.0%	100%	None Detected	

Client Sample ID: ONC-011A **Lab Sample ID:** **622400868-0027**
Sample Description: HALLWAY/CT 2X2 DEEP PINHOLE W/ FISS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	60.0%	40.0%	None Detected	

Client Sample ID: ONC-011B **Lab Sample ID:** **622400868-0028**
Sample Description: HALLWAY/CT 2X2 DEEP PINHOLE W/ FISS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	60.0%	40.0%	None Detected	

Client Sample ID: ONC-011C **Lab Sample ID:** **622400868-0029**
Sample Description: HALLWAY/CT 2X2 DEEP PINHOLE W/ FISS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	61.0%	39.0%	None Detected	

Client Sample ID: ONC-012A **Lab Sample ID:** **622400868-0030**
Sample Description: HALLWAY (NEAR ENTRY)/PIPE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan/White	68.0%	27.0%	**5% Chrysotile**	

Client Sample ID: ONC-012B **Lab Sample ID:** **622400868-0031**
Sample Description: HALLWAY (NEAR ENTRY)/PIPE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024				Positive Stop (Not Analyzed)	

Client Sample ID: ONC-012C **Lab Sample ID:** **622400868-0032**
Sample Description: HALLWAY (NEAR ENTRY)/PIPE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024				Positive Stop (Not Analyzed)	

Client Sample ID: ONC-013A **Lab Sample ID:** **622400868-0033**
Sample Description: HALLWAY (LOBBY)/MUD FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Tan	30.0%	65.0%	**5% Chrysotile**	

Client Sample ID: ONC-013B **Lab Sample ID:** **622400868-0034**
Sample Description: HALLWAY (LOBBY)/MUD FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Fibrous	Asbestos	Comment
PLM	10/10/2024				Positive Stop (Not Analyzed)	

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EMSL Order ID: 622400868
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: ONC-013C **Lab Sample ID:** **622400868-0035**
Sample Description: HALLWAY (LOBBY)/MUD FITTING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024				Positive Stop (Not Analyzed)	

Client Sample ID: ONC-014A **Lab Sample ID:** **622400868-0036**
Sample Description: PHARMACY/FIRE STOP CAULK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	Red	0.0%	100%	None Detected	

Client Sample ID: ONC-015A **Lab Sample ID:** **622400868-0037**
Sample Description: PHARMACY/CT 2X2 SMOOTH

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Gray/White	60.0%	40.0%	None Detected	

Client Sample ID: ONC-015B **Lab Sample ID:** **622400868-0038**
Sample Description: PHARMACY/CT 2X2 SMOOTH

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Gray/White	63.0%	37.0%	None Detected	

Client Sample ID: ONC-015C **Lab Sample ID:** **622400868-0039**
Sample Description: PHARMACY/CT 2X2 SMOOTH

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/10/2024	Gray/White	51.0%	49.0%	None Detected	

Client Sample ID: ONC0016A **Lab Sample ID:** **622400868-0040**
Sample Description: PHARMACY/SF CREAM W/ BROWN + WHITE DOTS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	White	0.69%	99.3%	None Detected	

Client Sample ID: ONC0016B **Lab Sample ID:** **622400868-0041**
Sample Description: PHARMACY/SF CREAM W/ BROWN + WHITE DOTS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	White	0.98%	99.0%	None Detected	

Client Sample ID: ONC0016C **Lab Sample ID:** **622400868-0042**
Sample Description: PHARMACY/SF CREAM W/ BROWN + WHITE DOTS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/10/2024	White	0.0%	100%	None Detected	

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http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID:	622400868
Customer ID:	CESI62
Customer PO:	
Project ID:	

Attn:	Deb Kasik Haley Ward 1 Merchant's Plaza 7th Floor Bangor, ME 04401	Phone: Fax: Collected: Received: Analyzed:	(207) 989-4824 (207) 989-4881 10/ 2/2024 10/04/2024 10/10/2024
Proj:	12355.003 ONCOLOGY (ONC)		

The samples in this report were submitted for asbestos bulk analysis. The reference number for these samples is the Order ID above. Please use this reference number when calling about these samples.

PLM: MECERT#BA-0178(SS)

PLM EPA NOB: MECERT#BA-0178(SS)

Sample Receipt Date:	10/04/2024	Sample Receipt Time:	9:44 am
Analysis Completed Date:	10/10/2024	Analysis Completed Time:	2:18 pm

Analyst(s):

Jimmy Encalada

Jimmy Encalada PLM (17)
PLM Grav. Reduction (19)

Reviewed and approved by:

Stephen Severn, Technical Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This is a summary report; official reports are available on LabConnect or upon request and 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. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. South Portland, ME NVLAP Lab Code 500094-0, VT AL197271, ME LM-0039, MA AA000236

OrderID: 622400868

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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400868

EMSL Analytical, Inc.
South Portland, ME 04106
PHONE: (207) 517-6921
EMAIL: portlandlab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Haley Ward	Company Name:	Haley Ward
Contact Name:	Deb Kasik	Billing Contact:	Julie Oreskovich
Street Address:	1 Merchant's Plaza 7th Floor	Street Address:	1 Merchant's Plaza, 7th Floor
City, State, Zip:	Bangor ME 04401 Country: US	City, State, Zip:	Bangor ME Country: US
Phone:	207-989-4824	Phone:	207-989-4824
Email(s) for Report:	dkasik@haleyward.com	Email(s) for Invoice:	

Project Information

Project Name/No:	12355.003 ONC	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: ME	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:	Deb Kasik	Sampled By Signature:	Date Sampled: 10/2/24
No. of Samples In Shipment	42		

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☑ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

- ☑ PLM EPA 600/R-93/116 (<1%)
- ☑ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☐ NYS 198.1 (Friable - NY)
- ☐ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (Non-Friable - NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

EMSL ANALYTICAL, INC.
Carle Place, NY
OCT 10 2024 AM10:42

Other Tests (please specify)

☑ Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description
ONC-001A		Hallway	Sheetrock
B		Near Onc. Office	↓
C		Closet (Onc)	↓
ONC-002A		Near onc. entry	CT 2x2 fiss w/ pinhole
B		Near onc. office	↓
C		" " "	↓
ONC-003A		Closet near bathroom	Flooring 1.5x1.5 tan
B		↓	↓
C		↓	↓
ONC-004A		Closet near bathroom	Flooring 1.5x1.5 blue

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

NOB per NDEP

ONC: Oncology

Method of Shipment:	Fed Ex 7796 9376 4718 2	Sample Condition Upon Receipt:	
Relinquished by:	Deborah Kasik Date/Time: 10/2/24 4pm	Received by: BS	Date/Time: 10.04.24 0944
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 9/14/2021

RECEIVED
OCT 04 2024
BY: BS

☐ 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.

10/10/24

OrderID: 622400868

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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400868

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

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EMSL ANALYTICAL, INC.
Orville Place, NY
OCT 10 2024 AM10:42

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.)

Sample Number	HA Number	Sample Location	Material Description
ONC-004B		Closet near bathroom	Flooring 1.5x1.5 blue
C		Near onc. office	↓
ONC-005A		Near onc. office	Covebase adhesive
ONC-006A		Hallway	Carpet adhesive
B		↓	↓
C		↓	↓
ONC-007A		Hallway	Skim coat on walls
B		↓	↓
C		↓	↓
ONC-008A		Door threshold to Oncology	FF black w/ white and gray
ONC-009A		Stairwell	FF 12" white w/ black + gray
B		↓	↓
C		↓	↓
ONC-010A		Door threshold to Pharmacy	SF gray w/ white dots
B		↓	↓
C		↓	↓
ONC-011A		Hallway	CT 2x2 deep pinhole ACCESS
B		↓	↓
C		↓ (near entry)	↓
ONC-012A		Hallway	Pipe insulation
B		↓	↓
C		↓	↓
ONC-013A		Hallway (lobby)	Mud fitting insulation
B		↓	↓
C		↓	↓

Method of Shipment: FedEx - 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 10/4/24 4pm	Received by: EB	Date/Time: 10.5.24 0944
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk RT 09/14/2021

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OCT 04 2024
BY: EB

Page 2 of 3

10/10/24

OrderID: 622400868

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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400868

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.)

Sample Number	HA Number	Sample Location	Material Description
ONC-014A		Pharmacy	Fire Stop Caulk
ONC-015A		Pharmacy	CT 2x2 Smooth
B		↓	↓
C		↓	↓
ONC-016A		Pharmacy	SF Cream w/brown/white dots
B		↓	
C		↓	

RECEIVED
EMSL ANALYTICAL, INC.
Carle Place, NY
OCT 10 2024 AM10:43

Method of Shipment: Fed Ex: 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 10/7/24 4pm	Received by:	Date/Time 10.04.24 0944
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

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OCT 04 2024
BY: EB

Page 3 of 3

10/10/24

ATTACHMENT D

LEAD-BASED PAINT DETERMINATION

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

HALEY WARD	***CLIENT:***	MDI HOSPITAL	***DATE:***	10/2/2024
	SITE:	SECOND FLOOR (SOUTHEAST END)	***HALEY WARD #:***	12355.003
	BLDG:	**INTERIOR**	***Page:***	1 OF 1

XRF # **RMD LPA-1 #3305; ME Radiation License #31223** ***Inspector Signature:*** *Deborah A. Kasik/LR#0003*

FIELD ID #	***SAMPLE LOCATION***	***SIDE***	***COMPONENT(S)***	***COLOR***	***SUBSTRATE TYPE:***	***RESULTS mg/cm²***	***CONDITION***	***NOTES:***
L-1	ONCOLOGY		WALLS	OFF WHITE	DRYWALL	0.0		
L-2			DOOR CASING/JAMB	WHITE	METAL	0.0		
L-3			WINDOW TRIM	WHITE	WOOD	0.0/0.0/0.0		
L-4			WINDOW SILL	WHITE	WOOD	0.0		
L-5			HEATER	OFF WHITE	METAL	0.0		
L-6	PHARMACY		WALLS	WHITE	DRYWALL	0.0		
L-7			DOOR CASING/JAMB	WHITE	METAL	0.0		
L-8	MAIN CORRIDOR		UPPER WALLS	OFF WHITE	DRYWALL	0.0		
L-9			LOWER WALLS	OFF WHITE	DRYWALL	0.0		
L-10			CHAIR RAIL	STAIN	WOOD	0.0		

= Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic; O = Other (indicate material). Results expressed as mg/cm² (milligrams per square centimet

November 5, 2024

Mr. Doug Springer
Director, Physical Plan Services
Mount Desert Island (MDI) Hospital
10 Wayman Lane
Hampden, Maine 04444

Re: Hazardous Materials Assessment | Third Floor - Southeast End | MDI Hospital | Bar Harbor, Maine

Dear Mr. Springer:

At your request, Haley Ward, Inc. (Haley Ward) completed a Hazardous Materials Assessment (HMA) within the Third Floor - Southeast End of the hospital to support a proposed renovation project within this location. This HMA included the completion of an Asbestos Renovation Impact Survey and Lead-Based Paint (LBP)/lead-containing surface coating determination.

The rooms, as identified by MDI Hospital, as impacted by the Third Floor - Southeast End renovation project (and collectively referred to as the "affected area") include the following:

- Ambulatory Surgical Unit (ASU);
- Nurse's station;
- Recovery room;
- Sterile supply rooms;
- Associated work rooms;
- Procedure room;
- Locker room; and
- Associated corridors.

ASBESTOS RENOVATION IMPACT SURVEY

The Asbestos Renovation Impact Survey was conducted in accordance with Maine Department of Environmental Protection (MDEP) Asbestos Management Regulations (06-096 C.M.R. Chapter 425, 2011) and was completed to provide MDI Hospital with information regarding the presence of asbestos-containing materials (ACM) within the of the affected area of the building potentially impacted by the planned Third Floor - Southeast End renovation project. Ms. Deborah Kasik (Haley Ward), an asbestos inspector licensed by the MDEP (AI#-0177), completed the field survey on October 1, 2024. A copy of Ms. Kasik's Asbestos Inspector certification is included as **Attachment A**.

ONE MERCHANTS PLAZA, SUITE 701, BANGOR, ME 04401 207.989.4824 | HALEYWARD.COM

Completion of the Asbestos Renovation Impact Survey included:

- Visual identification of suspect ACM on the interior of the affected area of the building;
- Collection of 48 bulk samples of identified suspect ACM; and
- Quantification of identified ACM.

As with any scientific study, an Asbestos Renovation Impact Survey is subject to a variety of limitations. Limitations to be considered in interpreting the results of the survey performed within this building include:

- Variations in building materials used during construction and subsequent renovations;
- Inaccessible areas within wall cavities, below sub-floors, and above solid ceilings; and
- Condition of the structure at the time of the survey.

The following is a summary of field findings and laboratory analytical results of the survey:

Forty-eight samples of suspect ACM were collected including:

- Gypsum wall and ceiling material;
- Wall material (area adjacent to housekeeping);
- Cove base adhesive;
- One type of ceiling tile;
- Seven types of floor tile and associated adhesives;
- One type of sheet flooring;
- Glue daubs on tectum ceiling (above ceiling tiles);
- Tape on duct seams;
- Mud insulated roof drain fitting;
- Fire stop caulk; and
- Parquet floor.

Bulk samples of suspect ACM were submitted to EMSL Analytical, Inc. (EMSL) of South Portland, Maine, for laboratory analysis. Bulk samples collected during this survey were analyzed using the MDEP required analytical methods: "PLM-EPA 600/R-93/116" (for surfacing, thermal system insulation, and cementitious materials) and "PLM NOB-EPA 600/R-93/116" (for non-friable organically bound materials (NOBs)) (e.g., floor tile, adhesives, and roofing) with "gravimetric reduction." Samples were analyzed at the EMSL laboratory, which is certified to perform asbestos analysis by both the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA). EMSL is a MDEP licensed Asbestos Analytical Laboratory. A copy of EMSL's laboratory certifications is included as **Attachment B**. Laboratory analytical results and chain of custodies are included as **Attachment C**.

According to the MDEP Asbestos Management Regulations, bulk samples shall be analyzed until a positive result is obtained or all samples have been analyzed. The MDEP defines ACM as "any material containing asbestos in quantities greater than or equal to one percent by volume as determined by weight, visual evaluation, and/or point count analysis."

ACM identified by laboratory analysis included:

- Glue daubs on tectum ceiling panels (located above ceiling tiles);
- Mud insulated roof drain fitting; and
- Floor tile and associated floor tile adhesives.

A summary of identified ACM, including estimated quantity and location, and cost estimate for abatement are included in **Table 1**. Location of identified ACM, and sample locations are included on **Figure H103**.

TABLE 1 | SUMMARY OF IDENTIFIED ASBESTOS-CONTAINING MATERIALS

Location	Identified ACM	Total Estimated Quantity	Unit Cost	Estimated Abatement Cost
Third Floor; Recovery	Mud insulated roof drain fitting (above ceiling tile)	1 EACH (EA)	$300/LF	$300
Third Floor; Hallway to Multi-Purpose Room	Glue daubs on non-ACM tectum ceiling panels above ceiling tiles	320 Square Feet (SF)	$15/LF	$4,800
Third Floor; Closet adjacent to OR staircase	Nine-inch by nine-inch floor tile and associated adhesive	24 SF	$50/SF	$1,200
Third Floor; CSR storage	12-inch by 12-inch floor tile and associated adhesive	144 SF	$15/SF	$2,160
			TOTAL	**$8,460**

The estimated abatement costs presented in **Table 1** do not include material replacement costs, regulatory agency notification fees, or a contingency fee. The estimate assumes the abatement contractor will be responsible for preparing the asbestos abatement design. Regulatory agency notification fees associated with this project will vary depending on phasing and project schedule. Actual abatement costs may vary depending upon the quantity of ACM to be abated and abatement methods used. The budgetary cost estimate provided is conservative since the timing of and/or approach to abatement has not been established.

LEAD-BASED PAINT/LEAD-CONTAINING SURFACE COATING DETERMINATION

An LBP/lead-containing surface coating determination was conducted by Ms. Deborah A. Kasik, a MDEP certified Lead Risk Assessor. A copy of Ms. Kasik's Lead Risk Assessor certification is included in **Attachment A**. The purpose of the determination was to identify LBP/lead-containing surface coatings, if present, on the interior surfaces of the affected area. The LBP determination was performed in accordance with the established protocols outlined in the MDEP Lead Management Regulation (06-096 C.M.R. Chapter 424 § 7, 2021) and as applicable to this project. The testing provides information on the lead content and an assessment of the condition of the surfaces tested.

The LBP/lead-containing surface coating testing was conducted using a portable X-Ray Fluorescence (XRF) Lead Paint Analyzer (RMD LPA-1), which non-destructively tests for the presence of LBP or other lead-containing surface coatings. The XRF analyzer is licensed with the Maine Department of Human Services Radiation Control Program and operated in accordance with all applicable regulations and conditions of licensure. The determination as to whether a component contains lead is based upon the MDEP Lead Management Regulations (Chapter 424). The MDEP defines a component as lead-containing if the XRF result is ≥ 1.0 milligrams per square centimeter (mg/cm^2). A visual assessment of the existing condition of the identified LBP was also completed at the time of the determination.

LBP/lead-containing surface coatings were not identified on interior surfaces of the affected area. An LBP/lead-containing surface coatings determination report is included as **Attachment D**.

This report was prepared by Haley Ward for the sole use of MDI Hospital and should not be reproduced without their full, written authorization. Please contact either of the undersigned at (207) 989-4824 if you have any questions related to this project or if additional services are required.

Sincerely,
Haley Ward, Inc.

Deborah A. Kasik
Project Scientist II
MDEP Asbestos Inspector AI-0177
MDEP Lead Risk Assessor LR-0003

Dennis B. Kingman, Jr., CHMM
Senior Project Manager II/Vice President

DAK/DBK/kjf
Attachments

FIGURE

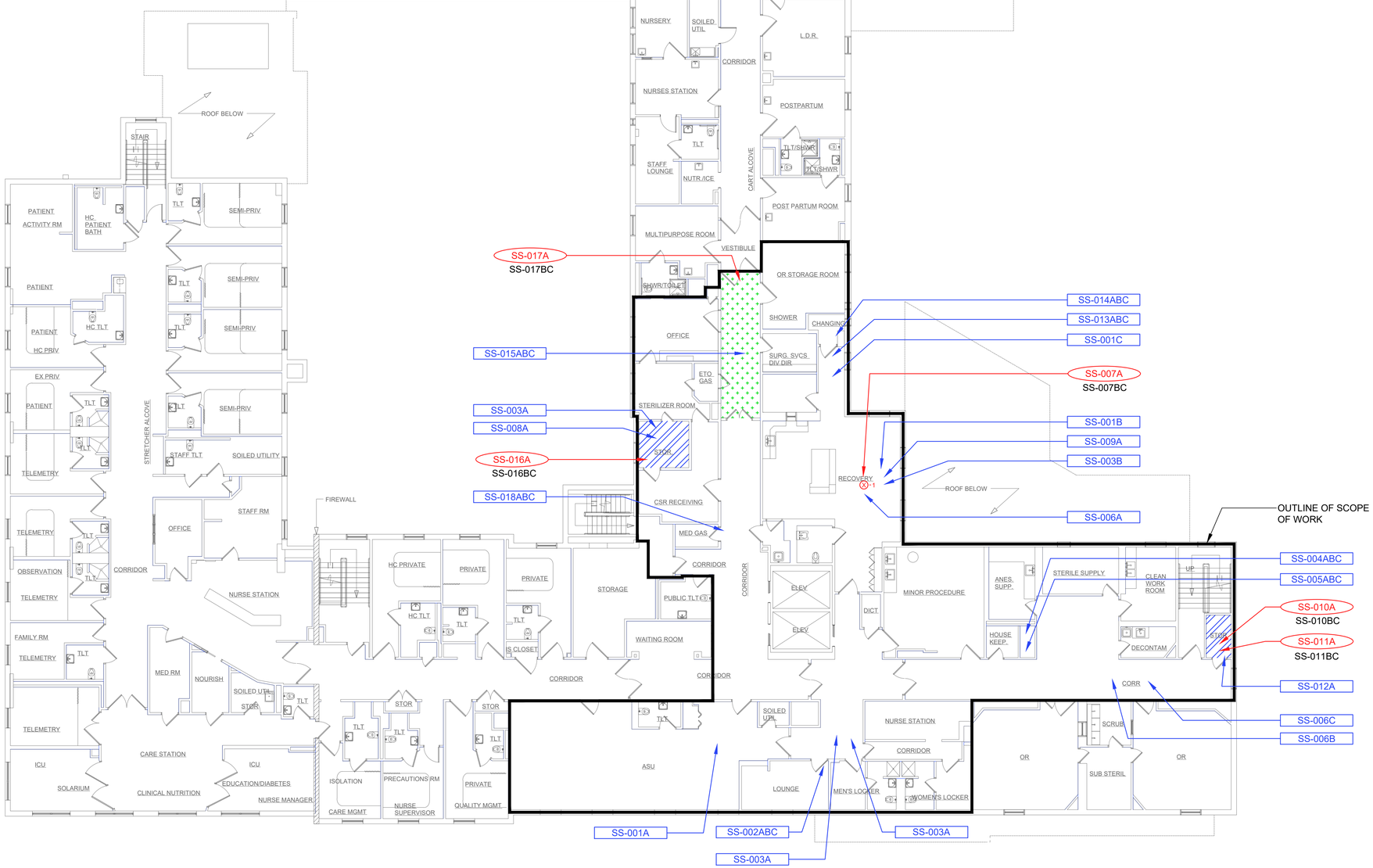
H103 - THIRD FLOOR

PLAN REFERENCE:

FLOOR PLAN DERIVED FROM DRAWINGS BY OTHERS PROVIDED TO HALEY WARD, INC AND ARE NOT WARRANTED AS TO ACCURACY AND ARE INTENDED TO BE SCHEMATIC.

ASBESTOS LEGEND

SS-001A	SAMPLE NUMBER AND LOCATION TESTING POSITIVE FOR ASBESTOS
SS-002A	SAMPLE NUMBER AND LOCATION TESTING NEGATIVE FOR ASBESTOS
SS-001B	SAMPLE NUMBER AND LOCATION NOT ANALYZED (POSITIVE STOP)
	ACM FLOOR TILE WITH ASSOCIATED ACM ADHESIVE
	ACM GLUE DAUBS ON NON-ACM TECTAM CEILING PANELS
X-1	ACM MUD INSULATED ROOF DRAIN FITTING ABOVE CEILING



THIRD FLOOR PLAN

SCALE: NOT TO SCALE

REV.	DATE	DESCRIPTION	BY	CHK.

DRAWING ISSUE STATUS

NOT FOR CONSTRUCTION

HALEY WARD
ENGINEERING | ENVIRONMENTAL | SURVEYING
WWW.HALEYWARD.COM
One Merchants Plaza, Suite 701
Bangor, Maine 04401
207.989.4824

PROJECT

MDI HOSPITAL
BAR HARBOR, ME

TITLE

THIRD FLOOR SOUTHEAST END HAZARDOUS MATERIAL ASSESSMENT

DATE	SCALE
2024.11.05	AS NOTED

DRAWN BY	DESIGNED BY	CHECKED BY
MEB	DAK	DAK

PROJECT No. 12355.003

DRAWING No. **H103** REV.

ATTACHMENT A

ASBESTOS INSPECTOR CERTIFICATION
LEAD RISK ASSESSOR CERTIFICATION

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

December 5, 2023

Haley Ward, Inc.
One Merchants Plaza Suite 701
Bangor, Maine 04401

Dear Licensee:

Asbestos application(s) for individual certification of the **two** employee(s) listed below have been received and **approved**. Individual certification numbers are listed below and wallet card(s) are enclosed. Card(s) are property of the individual to whom each is issued. Your responsibility as a **licensee is to ensure delivery of the** cards to persons in your employment. This letter should be retained for your company files as record of certification. **Please attach 1 updated passport size photo with every application.**

Remember, in Maine all **certified employees** working on an asbestos abatement project, whether conducting removal/repair, air monitoring, design, inspection, or analysis functions, **must work for a State of Maine licensed asbestos firm** and carry his/her wallet card(s) on the job site.

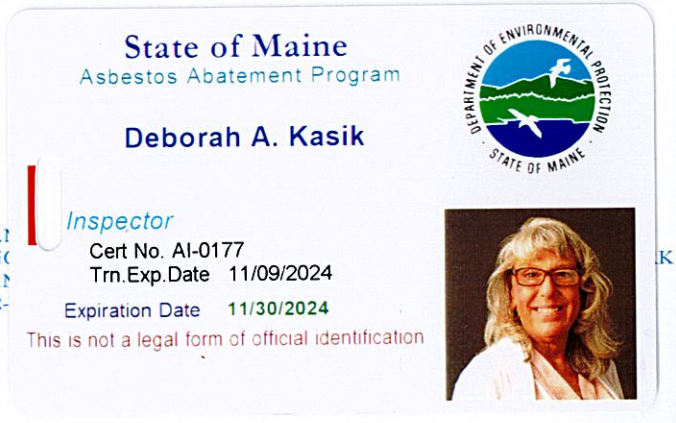
As a reminder, prior to renewing your asbestos certification, the State of Maine **requires** an annual refresher course to be taken before submitting a renewal application. A certificate shall expire one year from the last day of the month from the date of issuance, **or on the last day of the month that the training certificate expires**, whichever is sooner.

All our asbestos forms can be found at https://www.maine.gov/dep/waste/asbestos/forms.html
Thank you for your cooperation and your completed application(s).

Name	Category	Certification #	Exp. Date
Deborah A. Kasik	Inspector	AI-0177	11/30/2024
Dennis B. Kingman, Jr.	Inspector	AI-0034	11/30/2024

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management



AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO
PORTLAND
(207) 822-

website: www.maine.gov/dep

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

January 21, 2024

Attn: Deborah A. Kasik
Haley Ward, Inc.
One Merchant's Plaza Suite 701
Bangor, Maine 04401

Dear Ms. Kasik,

Your lead application for certification has been received and **approved**. You have been granted certification as a **Lead Risk Assessor LR-0003**. Enclosed is your wallet card, with an expiration date of **January 4, 2025**. All employees working on a lead abatement project must carry this photo ID wallet card. The card is property of the individual to whom it is issued. Your responsibility as a licensee is to ensure delivery of the card to person in your employment. This letter should be retained for your company files as record of certification. Please attach 1 updated passport size photo with every application.

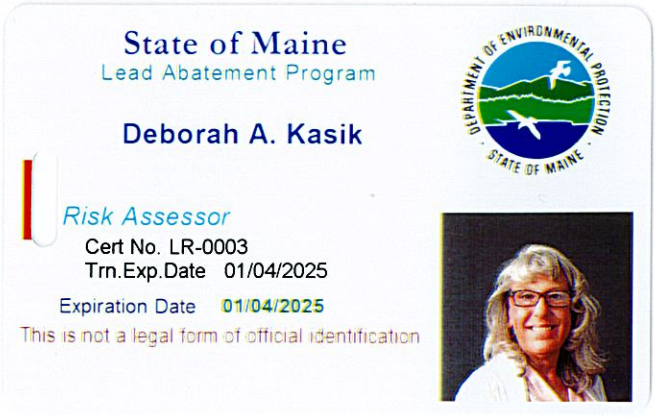
Thank you for your cooperation and your completed application(s). Applications can now be found on our DEP webpage at the following:
https://www.maine.gov/dep/waste/lead/forms/index.html

If you have any questions on this certification or on any other aspect of DEP's lead abatement licensing program, please call Sandy Moody (207) 242-0877 or email sandy.j.moody@maine.gov

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

Enclosure



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RAY BLDG., HOSPITAL ST.

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(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

web site: www.maine.gov/dep

ATTACHMENT B

ASBESTOS ANALYTICAL LABORATORY CERTIFICATIONS

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JANET T. MILLS
GOVERNOR

MELANIE LOYZIM
COMMISSIONER

September 2, 2023

Attn: Lorie Dennis,| QA Certification Coordinator
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

Dear Ms. Dennis,

This is to confirm that the Maine Department of Environmental Protection is in receipt of your request to add the following labs to your licensing of Analytical Laboratories: Boston, MA., South Portland, Maine, Wallingford, CT and Carle Place, NY.

LA-0038 for Asbestos Analytical Laboratory (Air), expires on 10/31/2024
LB-0039 for Asbestos Analytical Laboratory (Bulk), expires on 10/31/2024

Remember each laboratory must have certified individual(s) within the lab to perform analyses.

If you need any further assistance please feel free to contact me at (207) 242-0877 or e-mail at sandy.j.moody@maine.gov.

Sincerely,

Sandra J. Moody, Environmental Specialist
Division of Remediation
Bureau of Remediation and Waste Management

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AUGUSTA, MAINE 04333-0017
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312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04679-2094
(207) 764-0477 FAX: (207) 760-3143

web site: www.maine.gov/dep

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Air)

License Number: LA-0038

Expiration Date: 10/31/2024

State of Maine
Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory
(Bulk)

License Number: LB-0039

Expiration Date: 10/31/2024

S. PORTLAND - INDIVIDUAL ANALYST CERTIFICATIONS

State of Maine

October 30, 2023

Employee Name	*Lab Location*	*State Certified*	*Certification No.*	*Type of Cert.*	*Exp. Date*
Stephen Severn	S. Portland	Maine	AA-0497	Air Asbestos Analyst	10/31/2024
Stephen Severn	S. Portland	Maine	BA-0178	Bulk Asbestos Analyst	10/31/2024
Stefan Reis	S. Portland	Maine	BA-0233	Bulk Asbestos Analyst	5/31/2024

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 500094-0

EMSL Analytical, Inc.

South Portland, ME

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2024-10-01 through 2025-09-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
161 John Roberts Road
South Portland, ME 04106
Stephen Severn
Phone: 207-517-6921
Email: ssevern@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 500094-0**

Bulk Asbestos Analysis

Code	***Description***
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA LAP), LLC accreditation to the ISO/IEC 17025:2017 international standard, General Requirements for the Competence of Testing and Calibration Laboratories in the following:

LABORATORY ACCREDITATION PROGRAMS

☑	**INDUSTRIAL HYGIENE**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL LEAD**	Accreditation Expires: January 01, 2025
☑	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: January 01, 2025
☐	**FOOD**	Accreditation Expires:
☐	**UNIQUE SCOPES**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2017 and AIHA LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Cheryl O. Morton

Cheryl O Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision20: 06/07/2022

Date Issued: 01/01/2023

AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077

Laboratory ID: LAP-100194
Issue Date: 01/01/2023

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FOT)	Technology sub-type/Detector	Published Reference Method/Title of In-house Method	Component, parameter or characteristic tested
Asbestos/Fiber Microscopy Core	Phase Contrast Microscopy (PCM)	-	NIOSH 7400	Asbestos/Fibers
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)	-	EPA 600/R-93/116	Asbestos & Other Fibers in Bulk
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	EPA AHERA - 40 CFR Part 763	Asbestos
Asbestos/Fiber Microscopy Core	Transmission Electron Microscopy (TEM)	-	NIOSH 7402	Asbestos/Fibers
Chromatography Core	GC/MS	-	EPA TO-15	Volatile Organic Compounds
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5502 Modified	Aldrin & Lindane
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5503 Modified	Polychlorinated biphenyls
Chromatography Core	Gas Chromatography	GC/ECD	NIOSH 5510 Modified	Chlordane
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003 Modified	Halogenated Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1005 Modified	Methylene Chloride
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1400 Modified	Alcohols
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1500 Modified	Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1501 Modified	Aromatic Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1550 Modified	Total Petroleum Hydrocarbons
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1603 Modified	Acetic Acid
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 2000 Modified	Methyl Alcohol
Chromatography Core	Gas Chromatography (Diffusive Samplers)	-	NIOSH 1501	Aromatic Hydrocarbons

ATTACHMENT C

ASBESTOS LABORATORY ANALYTICAL RESULTS

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400865
Customer ID: CESI62
Customer PO:
Project ID:

Attn: Deb Kasik
Haley Ward
1 Merchant's Plaza
7th Floor
Bangor, ME 04401

Proj: 12355.003 SURGICAL SUITE (SS)

Phone: (207) 989-4824
Fax: (207) 989-4881
Collected: 10/ 1/2024
Received: 10/04/2024
Analyzed: 10/08/2024

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: SS-001A **Lab Sample ID:** 622400865-0001
Sample Description: ASU/CT 2X2

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: SS-001B **Lab Sample ID:** 622400865-0002
Sample Description: RECOVERY/CT 2X2

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: SS-001C **Lab Sample ID:** 622400865-0003
Sample Description: HALL TO CHANGING/CT 2X2

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: SS-002A **Lab Sample ID:** 622400865-0004
Sample Description: LOUNGE/FT 12" CREAM W/BROWN FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	White	0.0%	100%	None Detected	

Client Sample ID: SS-002B **Lab Sample ID:** 622400865-0005
Sample Description: LOUNGE/FT 12" CREAM W/BROWN FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	White	0.0%	100%	None Detected	

Client Sample ID: SS-002C **Lab Sample ID:** 622400865-0006
Sample Description: LOUNGE/FT 12" CREAM W/BROWN FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	White	0.0%	100%	None Detected	

Client Sample ID: SS-003A **Lab Sample ID:** 622400865-0007
Sample Description: HALL OUTSIDE LOUNGE/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: SS-003B **Lab Sample ID:** 622400865-0008
Sample Description: RECOVERY/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	0.0%	100.0%	None Detected	

EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106
Phone/Fax: (207) 517-6921 / (207) 517-6922
http://www.EMSL.com / portlandlab@emsl.com

EMSL Order ID: 622400865
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: SS-003C **Lab Sample ID:** **622400865-0009**
Sample Description: CSR STORAGE/SHEETROCK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: SS-004A **Lab Sample ID:** **622400865-0010**
Sample Description: ADJACENT TO HOUSEKEEPING/SF TAN W/MULTICOLOR

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-004B **Lab Sample ID:** **622400865-0011**
Sample Description: ADJACENT TO HOUSEKEEPING/SF TAN W/MULTICOLOR

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-004C **Lab Sample ID:** **622400865-0012**
Sample Description: ADJACENT TO HOUSEKEEPING/SF TAN W/MULTICOLOR

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-005A **Lab Sample ID:** **622400865-0013**
Sample Description: ADJACENT TO HOUSEKEEPING/WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: SS-005B **Lab Sample ID:** **622400865-0014**
Sample Description: ADJACENT TO HOUSEKEEPING/WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: SS-005C **Lab Sample ID:** **622400865-0015**
Sample Description: ADJACENT TO HOUSEKEEPING/WALL MATERIAL

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	90.0%	10.0%	None Detected	

Client Sample ID: SS-006A **Lab Sample ID:** **622400865-0016**
Sample Description: RECOVERY/TAPE ON DUCT SEAMS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	White	60.0%	40.0%	None Detected	

Client Sample ID: SS-006B **Lab Sample ID:** **622400865-0017**
Sample Description: OUTSIDE OR2/TAPE ON DUCT SEAMS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	White	60.0%	40.0%	None Detected	

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EMSL Order ID: 622400865
Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: SS-006C **Lab Sample ID:** **622400865-0018**
Sample Description: OUTSIDE OR2/TAPE ON DUCT SEAMS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	White	60.0%	40.0%	None Detected	

Client Sample ID: SS-007A **Lab Sample ID:** **622400865-0019**
Sample Description: RECOVERY/ROOF DRAIN FITTING

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	0.0%	90.0%	**10% Chrysotile**	

Client Sample ID: SS-007B **Lab Sample ID:** **622400865-0020**
Sample Description: RECOVERY/ROOF DRAIN FITTING

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024				Positive Stop (Not Analyzed)	

Client Sample ID: SS-007C **Lab Sample ID:** **622400865-0021**
Sample Description: RECOVERY/ROOF DRAIN FITTING

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024				Positive Stop (Not Analyzed)	

Client Sample ID: SS-008A **Lab Sample ID:** **622400865-0022**
Sample Description: CSR STORAGE/FIRE STOP CAULK

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Red	0.0%	100%	None Detected	

Client Sample ID: SS-009A **Lab Sample ID:** **622400865-0023**
Sample Description: RECOVERY HALL TO CHANGING/PARQUET FLOOR

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	0.0%	100.0%	None Detected	

Client Sample ID: SS-010A **Lab Sample ID:** **622400865-0024**
Sample Description: STORAGE ADJACENT TO STAIRS/FT 9" TAN W/BROWN+RED FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	97.9%	**2.1% Chrysotile**	

Client Sample ID: SS-010B **Lab Sample ID:** **622400865-0025**
Sample Description: STORAGE ADJACENT TO STAIRS/FT 9" TAN W/BROWN+RED FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024				Positive Stop (Not Analyzed)	

Client Sample ID: SS-010C **Lab Sample ID:** **622400865-0026**
Sample Description: STORAGE ADJACENT TO STAIRS/FT 9" TAN W/BROWN+RED FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024				Positive Stop (Not Analyzed)	

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Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: SS-011A **Lab Sample ID:** **622400865-0027**
Sample Description: STORAGE ADJACENT TO STAIRS/BLACK ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Black	0.0%	92.1%	**7.9% Chrysotile**	

Client Sample ID: SS-011B **Lab Sample ID:** **622400865-0028**
Sample Description: STORAGE ADJACENT TO STAIRS/BLACK ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024				Insufficient Material	

Client Sample ID: SS-011C **Lab Sample ID:** **622400865-0029**
Sample Description: STORAGE ADJACENT TO STAIRS/BLACK ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024				Insufficient Material	

Client Sample ID: SS-012A **Lab Sample ID:** **622400865-0030**
Sample Description: STORAGE ADJACENT TO STAIRS/FT 12" WHITE W/MULTICOLOR FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	White	0.0%	100%	None Detected	

Client Sample ID: SS-013A **Lab Sample ID:** **622400865-0031**
Sample Description: HALL TO CHANGING/FT 12" TAN W/MULTICOLR FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-013B **Lab Sample ID:** **622400865-0032**
Sample Description: HALL TO CHANGING/FT 12" TAN W/MULTICOLR FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-013C **Lab Sample ID:** **622400865-0033**
Sample Description: HALL TO CHANGING/FT 12" TAN W/MULTICOLR FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-014A **Lab Sample ID:** **622400865-0034**
Sample Description: HALLWAY/COVEBASE MASTIC

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-014B **Lab Sample ID:** **622400865-0035**
Sample Description: HALLWAY/COVEBASE MASTIC

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

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Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: SS-014C ***Lab Sample ID:*** **622400865-0036**
Sample Description: HALLWAY/COVEBASE MASTIC

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-015A ***Lab Sample ID:*** **622400865-0037**
Sample Description: HALLWAY/FT 12" DK BLUE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Blue	0.0%	100%	None Detected	

Client Sample ID: SS-015B ***Lab Sample ID:*** **622400865-0038**
Sample Description: HALLWAY/FT 12" DK BLUE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Blue	0.0%	100%	None Detected	

Client Sample ID: SS-015C ***Lab Sample ID:*** **622400865-0039**
Sample Description: HALLWAY/FT 12" DK BLUE

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Blue	0.0%	100%	None Detected	

Client Sample ID: SS-016A ***Lab Sample ID:*** **622400865-0040**
Sample Description: CSR STORAGE/FT 12" TAN W/LT TAN FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	95.5%	**4.5% Chrysotile**	

Client Sample ID: SS-016B ***Lab Sample ID:*** **622400865-0041**
Sample Description: CSR STORAGE/FT 12" TAN W/LT TAN FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024				Positive Stop (Not Analyzed)	

Client Sample ID: SS-016C ***Lab Sample ID:*** **622400865-0042**
Sample Description: CSR STORAGE/FT 12" TAN W/LT TAN FLECKS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024				Positive Stop (Not Analyzed)	

Client Sample ID: SS-017A ***Lab Sample ID:*** **622400865-0043**
Sample Description: HALL NEAR CSR ABOVE CT/BROWN GLUE DAUBS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024	Gray	0.0%	95.0%	**5% Chrysotile**	

Client Sample ID: SS-017B ***Lab Sample ID:*** **622400865-0044**
Sample Description: HALL NEAR CSR ABOVE CT/BROWN GLUE DAUBS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024				Positive Stop (Not Analyzed)	

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Customer ID: CESI62
Customer PO:
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: SS-017C ***Lab Sample ID:*** **622400865-0045**

Sample Description: HALL NEAR CSR ABOVE CT/BROWN GLUE DAUBS

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	10/08/2024				Positive Stop (Not Analyzed)	

Client Sample ID: SS-018A ***Lab Sample ID:*** **622400865-0046**

Sample Description: HALL NEAR ELEVATORS/FT 12" CREAM MOTTLED

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-018B ***Lab Sample ID:*** **622400865-0047**

Sample Description: HALL NEAR ELEVATORS/FT 12" CREAM MOTTLED

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

Client Sample ID: SS-018C ***Lab Sample ID:*** **622400865-0048**

Sample Description: HALL NEAR ELEVATORS/FT 12" CREAM MOTTLED

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	10/08/2024	Tan	0.0%	100%	None Detected	

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EMSL Order ID:	622400865
Customer ID:	CESI62
Customer PO:	
Project ID:	

Attn:	Deb Kasik Haley Ward 1 Merchant's Plaza 7th Floor Bangor, ME 04401	Phone: Fax: Collected: Received: Analyzed:	(207) 989-4824 (207) 989-4881 10/ 1/2024 10/04/2024 10/08/2024
Proj:	12355.003 SURGICAL SUITE (SS)		

The samples in this report were submitted for asbestos bulk analysis. The reference number for these samples is the Order ID above. Please use this reference number when calling about these samples.

PLM: MECERT#BA-0178(SS)

PLM EPA NOB: MECERT#BA-0178(SS)

Sample Receipt Date:	10/04/2024	Sample Receipt Time:	9:44 am
Analysis Completed Date:	10/08/2024	Analysis Completed Time:	9:03 pm

Analyst(s):

Stephen Severn PLM (15)
PLM Grav. Reduction (23)

Reviewed and approved by:

Stephen Severn, Technical Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This is a summary report; official reports are available on LabConnect or upon request and 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. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. South Portland, ME NVLAP Lab Code 500094-0, VT AL197271, ME LM-0039, MA AA000236

OrderID: 622400865

EMSL Analytical, Inc.

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400865

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

South Portland, ME 04106
PHONE: (207) 517-6921
EMAIL: portlandlab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Haley Ward	Company Name:	Haley Ward
Contact Name:	Deb Kasik	Billing Contact:	Julie Oreskovich
Street Address:	1 Merchant's Plaza 7th Floor	Street Address:	1 Merchant's Plaza, 7th Floor
City, State, Zip:	Bangor ME 0440[illegible] Country: US	City, State, Zip:	Bangor ME Country: US
Phone:	207-989-4824	Phone:	207-989-4824
Email(s) for Report:	dkasik@haleyward.com	Email(s) for Invoice:	

Project Information

Project Name/No:	12355.003 SS	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: ME	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:	Deb Kasik	Sampled By Signature:	Deborah A Kasik
Date Sampled:	10/1/24	No. of Samples in Shipment	48

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☑ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection

PLM - Bulk (reporting limit)

- ☑ PLM EPA 600/R-93/116 (<1%)
- ☑ PLM EPA NOB (<1%)
- ☐ POINT COUNT
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ POINT COUNT w/ GRAVIMETRIC
  - ☐ 400 (<0.25%) ☐ 1,000 (<0.1%)
- ☐ NIOSH 9002 (<1%)
- ☐ NYS 198.1 (Friable - NY)
- ☐ NYS 198.6 NOB (Non-Friable - NY)
- ☐ NYS 198.8 (Vermiculite SM-V)

TEM - Bulk

- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (Non-Friable - NY)
- ☐ TEM EPA 600/R-93/116 w Milling Prep (0.1%)

Other Tests (please specify)

☑ Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description
SS-001A		ASU	CT 2x2
B		Recovery	↓
C		Wall to Changing	↓
SS-002A		Lounge	FT 12" cream w/ brown rocks
B		↓	↓
C		↓	↓
SS-003A		Wall outside lounge	Sheetrock
B		Recovery	↓
C		CSR Storage	↓
SS-004A		Adjacent to Housekeeping	SF Tan w/ multicolor

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

NOB per MDEP

SS- Surgical Suite

Method of Shipment:	Fed Ex 7969 3764 7182		Sample Condition Upon Receipt:		
Relinquished by:	Deborah A Kasik	Date/Time: 10/1/24 4pm	Received by: EB	Date/Time: 10.04.24 0944	
Relinquished by:		Date/Time:	Received by:	Date/Time	

Controlled Document - Asbestos Bulk R7-9/14/2021

RECEIVED
OCT 04 2024
BY: EB

☐ 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.

OrderID: 622400865

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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400865

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.)

Sample Number	HA Number	Sample Location	Material Description
SS-004B		Adjacent to housekeeping	Tan w/multi color
C		↓	↓
SS-005A		Adjacent to Housekeeping	Wall material
B		↓	↓
C		↓	↓
SS-006A		Recovery	Tape on duct seams
SS-007A		Recovery	Roof Drain Fitting
B		↓	↓
C		↓	↓
SS-008A		CSR Storage	Fire stop Caulk
SS-009A		Recovery Hall to Changing	Parquet floor
SS-006B		Outside ORZ	
SS-006C		Outside ORZ	
SS-010A		Storage adjacent to stairs	FT 9" tan w/brown red flecks
B			
C			
SS-011A		Storage adjacent to stairs	Black adhesive
B		↓	↓
C		↓	↓
SS-012A		Storage adjacent to stairs	FT 12" white w/multi flecks
SS-013A		Wall to changing	FT 12" tan w/multi color flecks replacement
B		↓	↓
C		↓	↓
SS-014A		Hallway	Cove base mastic
B		↓	↓

Method of Shipment: FedEx: 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by: EB	Date/Time 10.04.24 0944
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

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OCT 04 2024
BY: EB

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.

OrderID: 622400865

EMSL ANALYTICAL, INC.
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Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

#622400865

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.)

Sample Number	HA Number	Sample Location	Material Description
SS-014C		Hallway	Cove base mastic
SS-015A		Hallway	FT 12" dk blue
B		↓	↓
C		↓	↓
SS-016A		CSR Storage	FT 12" tan w/ lt tan flecks
B		↓	↓
C		↓	↓
SS-017A		Hall near CSR above ct	Brown glue daubs
B		↓	↓
C		↓	↓
SS-018A		Hall near elevators	FT 12" cream mottled
B		↓	↓
C		↓	↓

Method of Shipment: FedEx: 7969 3764 7182		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by: EB	Date/Time 10.04.24 0944
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - Asbestos Bulk R7 09/14/2021

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BY: EB

ATTACHMENT D

LEAD-BASED PAINT DETERMINATION

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

HALEY WARD	***CLIENT:***	MDI HOSPITAL	***DATE:***	10/2/2024
	SITE:	THIRD FLOOR (SOUTHEAST END)	***HALEY WARD #:***	12355.003
	BLDG:	**INTERIOR**	***Page:***	1 OF 1

XRF # **RMD LPA-1 #3305; ME Radiation License #31223** ***Inspector Signature:*** *Deborah A. Kasik/LR#0003*

FIELD ID #	***SAMPLE LOCATION***	***SIDE***	***COMPONENT(S)***	***COLOR***	***SUBSTRATE TYPE:***	***RESULTS mg/cm²***	***CONDITION***	***NOTES:***
L-1	ASU		WALLS	OFF WHITE	DRYWALL	0.0/0.0/0.0		
L-2	LOBBY		WALLS	OFF WHITE	MASONRY	0.1/0.0/0.1		
L-3			WALLS	OFF WHITE	PANEL-COVERED WALLS	0.2/0.0		
L-4	RECOVERY		WALLS	CREAM	DRYWALL; MASONRY	0.0		
L-5	HALL TO CHANGING ROOM		PARQUET FLOOR	BLACK	PARQUET	0.5/0.1		
L-6	CSR		WALLS	OFF WHITE	DRYWALL	0.0/0.0		INCLUDES STORAGE ROOM

= Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic; O = Other (indicate material). Results expressed as mg/cm² (milligrams per square centimet