

January 21, 2026

Brendan Callahan
 Director of Community Development & Planning
 Town of Marblehead
 188 Washington Street
 Marblehead, MA 01945

RE: Report of Hazardous Building Materials Investigation
Former Coffin School
1 Turner Road
Marblehead, Massachusetts 01945

Dear Mr. Callahan:

INTRODUCTION

Weston & Sampson Engineers, Inc. (Weston & Sampson) is pleased to present this report of our Hazardous Building Materials Investigation (HBMI) services associated with the Former Coffin School located at 1 Turner Road in Marblehead, Massachusetts (the Site). Our services were completed in accordance with our agreement. In response to the proposed renovation activities at the Site, Weston & Sampson performed a limited survey to support existing data and to identify asbestos-containing materials (ACMs) and lead based paint within the renovation area that was not sampled during earlier surveys.

SITE DESCRIPTION

The former Coffin School located in Marblehead, Massachusetts is composed of two main structures connected by a skybridge. The eastern structure is attached to a library with a separate foundation on the south side of the building. The buildings are constructed primarily of CMU and steel beam with an exterior brick façade.

SURVEY RESULTS

Asbestos Survey

The asbestos survey was performed by Massachusetts-licensed asbestos inspector Mr. Caleb Pettigrew (license No.: AI901112) on December 15th, 2025. A total of 101 samples of suspect asbestos-containing materials were collected from 44 homogenous materials. We performed the bulk sampling in the subject area according to methods outlined in the U.S. Environmental Protection Agency (EPA) guidance document titled, "Guidance for Controlling Asbestos-Containing Materials in Buildings" (Document No. 560/5-85/024). Samples were analyzed by EMSL Analytical, Inc. in Woburn, Massachusetts. The results of the sampling are summarized below.

Asbestos Sample Results

Client ID	Description	Location	Analytical Result (% Asbestos)
01A-C	Black sealant	Crawlspace-Room 18 Entrance	NAD

Client ID	Description	Location	Analytical Result (% Asbestos)
02A-C	Pipe thread wrap	Crawlspace-Room 18 Entrance	NAD
03A-C	Remnant pipe insulation	Crawlspace-Room 18 Entrance	NAD
04A-B	Through wall flashing-black	Room 18	30% Chrysotile
05A-C	Pipe wrap	Room 18	NAD
06A-B	Light gray/white dot 12"x12" floor tile	2 nd Floor	NAD
07A-B	Light gray/white dot 12"x12" floor tile-black mastic	2 nd Floor	NAD
08A-B	Green 9"x9" floor tile	Stairway	3% Chrysotile
09A-B	Green 9"x9" floor tile-black mastic	Stairway	NAD
10A-B	White window glazing compound	Walkway	NAD
11A	Wall plaster skim coat	Library	NAD
11B	Wall plaster skim coat	Ground Floor	NAD
11C	Wall plaster skim coat	2 nd Floor	NAD
11D	Wall plaster skim coat	2 nd Floor	NAD
11E	Wall plaster skim coat	2 nd Floor	NAD
11F	Wall plaster skim coat	1 st Floor	NAD
12A	Wall plaster rough coat	Library	NAD
12B	Wall plaster rough coat	Ground Floor	NAD
12C	Wall plaster rough coat	2 nd Floor	NAD
12D	Wall plaster rough coat	2 nd Floor	NAD
12E	Wall plaster rough coat	2 nd Floor	NAD
12F	Wall plaster rough coat	1 st Floor	NAD
13A-B	Exterior window glazing white 3x3 panel	Ground Floor	2% Chrysotile
14A-B	White wall cavity sealant	Ground Floor	NAD
15A-B	Cube window grout	2 nd Floor	NAD
16A-B	Large classroom white window glazing	2nd Floor	2% Chrysotile
17A-B	Gray window glazing	1st Floor	2% Chrysotile
18A-B	Tan window caulk	1 st Floor	NAD
19A-B	Black window glazing	1st Floor	4% Chrysotile
20A-B	White window caulk	1 st Floor	NAD
21A-B	Security window glazing	1st Floor	2% Chrysotile
22A-B	Door caulk	Exterior	NAD

Client ID	Description	Location	Analytical Result (% Asbestos)
23A-B	Stair window glazing white	Exterior	2% Chrysotile
24A-B	Wall joint filler gray	Exterior	NAD
25A-C	Damp proofing	Test Pit	12% Chrysotile
26A-B	Black window glazing	Exterior	NAD
27A-B	White caulk	Exterior	NAD
28A-B	White caulk	Exterior	3% Chrysotile
29A-B	White louvre caulk	Exterior	3% Chrysotile
30A-B	Black flashing	Exterior	5% Chrysotile
31A-B	Window caulk	Exterior	2% Chrysotile
32A-B	1x4 Panel window glazing	Exterior	2% Chrysotile
33A-B	1x4 Panel window caulk	Exterior	2% Chrysotile
34A-B	Door caulk	Exterior	2% Chrysotile
35A-B	Louver caulk	Exterior	2% Chrysotile
36A-B	White pipe caulk	Exterior	NAD
37A-B	Cube window caulk	Exterior	3% Chrysotile
38A-B	1x4 Panel window glazing	Exterior	2% Chrysotile
39A-B	1x4 Panel window caulk	Exterior	2% Chrysotile
40A-B	Black flashing	Exterior	5% Chrysotile
41A-B	Window caulk	Exterior	3% Chrysotile
42A-B	Black window caulk	Exterior	3% Chrysotile
43A-B	Grout on tile	Exterior	NAD
44A-B	Black flashing	Exterior	65% Chrysotile

NAD=no asbestos detected

The EPA and Massachusetts Department of Environmental Protection (MassDEP), consider materials identified to contain greater than or equal to 1% asbestos to be ACMs. As shown in the tables above, several building materials sampled by Weston & Sampson contained asbestos exceeding 1%. According to MassDEP regulations, ACMs must be removed by a licensed contractor prior to any activity that would disturb the material. All asbestos-containing materials were noted to be in generally good condition at the time of the survey.

The following is a summary of ACMs identified to be present during the Weston & Sampson HBMI:

Material	Location	Approximate Quantity
Green 9"x9" floor tile and associated mastic	Stairwells & landings (covered with vinyl flooring)	90 SF

Material	Location	Approximate Quantity
Combined window caulk/glazing	Exterior	~5'x8' windows 90 each
Combined window caulk/glazing	Exterior	6'x12' windows 30 each
Security window glazing	Interior	150 LF
Foundation damp proofing	South Section	1,500 SF
Louver caulk	Exterior	100 LF
Exterior caulk	Exterior	2,500 SF
Door caulk – all types	Exterior	350 LF
Through wall black flashing	West Section	4,500 SF
Through wall black flashing	East Section	8,000 SF
Through wall black flashing	South Section	4,200 SF

Materials previously identified by others

Material	Location	Approximate Quantity
Transite panel	Library and classrooms 1-7	360 SF
Vibration dampener	Custodian office	25 ea
Pipe/fitting insulation	Custodian office	10 LF
9"x9" and 12"x12" floor tiles and associated mastics	Office, stairwells, kitchenette	800 SF

Asbestos Limitations

Our survey was limited to the building areas scheduled to be renovated. Our survey did not include an evaluation of materials of roofing, soils or underground materials that may be present at the Site. Limited exploratory demolition was performed to access potentially hidden materials. Other suspect ACMs may be present at the Site outside the survey area or within other building areas that may not have been accessible by Weston & Sampson during our survey. ACMs must be removed by a licensed contractor prior to any activity that would disturb the material. Weston & Sampson recommends that if any suspect materials are uncovered during demolition or renovation activities that were not identified during the survey, that the materials be sampled and analyzed for asbestos

content prior to disturbance. This document is not intended to be nor will it suffice to serve as a bid document or specification.

Per MassDEP regulations, the owner/operator must maintain a copy of this written asbestos survey report at the subject facility for at least two years. If the facility is unstaffed or if it is demolished, the owner/operator must maintain a copy at their regular place of business.

Lead Paint Screening

As part of the HMBI, Weston & Sampson performed a lead paint screening of the renovation area. During the screening, we collected paint chip samples from representative painted/coated building components for analysis via Atomic Absorption Spectrometry using method SW-846 3050B. Samples were analyzed by EMSL Analytical, Inc. of Orlando, Florida.

The paint screening revealed that one of the paint chip samples collected from the Site building contained levels of lead paint greater than the EPA residential standard of 0.50% lead by weight. In addition, the Occupational Health and Safety Administration (OSHA) Lead in Construction Standard 29 CFR 1926.62 considers *any* detectable level of lead to be a potential for exposure if dust is generated from disturbances of surfaces coated with paint containing lead.

Lead Paint Sample Results

Sample ID	Sample Description	Analytical Results (% lead by weight)
L1	Ground floor-Tan wall paint	0.0964 % wt
L2	Ground floor-Off white ceiling paint	0.0784 % wt
L3	Second floor-Blue wall paint	0.0785 % wt
L4	Second floor-White ceiling paint	0.0360 % wt
L5	First floor-Tan wall paint	<0.0064 % wt
L6	Exterior-Blue door paint	12.2 % wt

Regulatory Implications and Regulations

OSHA defines any detectable concentration of lead in paint as a potential lead exposure hazard to workers doing construction/demolition-type work on these surfaces as even small concentrations of lead can result in unacceptable employee exposures depending upon the method of removal and other workplace conditions. Since these conditions can vary greatly, the lead-in-construction standard was written to require exposure monitoring or the use of historical or objective data to ensure that employee exposures do not exceed the Action Level of 30 micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$). Historical data may be applied to some construction tasks involving lead.

OSHA requires that if coated surfaces with paint containing lead are impacted during demolition, then lead exposure monitoring must be performed by the contractor. Contractors and employers of staff who may disturb these materials are obligated to perform a 'negative exposure assessment' in accordance with OSHA regulations in order to document that, although minimal levels of lead are present in these materials, exposure to lead does not exceed the aforementioned OSHA Action Level.

OSHA states that until the employer performs an exposure assessment (or can supply prior data regarding the same type of work which may exempt them from the standard) and documents that employees are not exposed above the permissible exposure limit (PEL) of greater than 50 µg/m³ of air, the employer must treat employees as if they were exposed above the PEL for the following operations:

- manual demolition of structures, manual scraping, manual sanding, and use of heat gun where lead-containing coatings or paints are present;
- abrasive blasting enclosure movement and removal;
- power tool cleaning;
- lead burning;
- using lead-containing mortar or spray painting with lead-containing paint;
- abrasive blasting, rivet busting, or welding, cutting, or burning on any structure where lead-containing coatings or paint are present;
- cleanup activities where dry expendable abrasive are used; and
- any other task the employer believes may cause exposure in excess of the PEL.

The contractor must provide respiratory protection, protective work clothing and equipment, change areas, hand washing facilities, biological monitoring, and training until an exposure assessment has determined that the work activity will result in an exposure below the PEL. Additional requirements under this standard include a written compliance program as well as record keeping.

Discussion and Preliminary Cost Estimates

The mere presence of ACM in or on a building does NOT require abatement. Materials that would be impacted by renovation or demolition require abatement. And damaged ACMs should be removed/repared to prevent risk of exposure. But in most instances intact, undisturbed ACM may remain in place nearly indefinitely.

The redevelopment of the Coffin School property need not be an either/or wholesale renovation or complete demolition when a blended need-based approach is also feasible. Portions of the building that are obsolete or lack future utility may be removed, whereas sections that remain functional or beneficial may be renovated or receive targeted repairs, including the replacement of damaged elements or outdated finishes like floor tile.

With the town assessing two likely alternatives for redevelopment, Weston & Sampson has developed preliminary abatement/remediation cost estimates for each scenario using current abatement/remediation bid pricing. Alternative One would be to abate and demolish the 1963 North addition and associated skyway. The remaining building sections would then undergo minor renovations to address cosmetic repairs (damaged walls, floor tile etc.) and upgrades to inefficient window systems. Assuming a 20% contingency, we estimate the cost to perform asbestos abatement and demolition of the 1963 North building to be approximately \$340,000 to \$464,000. Demolition design costs are estimated to be \$40,000 while construction administration and oversight services are estimated to be \$50,000. A final work scope would need to be established before exact costs could be determined but the cost for minor abatement renovations to finishes within the building are estimated to be \$10,000. Removal of existing windows systems is estimated to be \$25,000 to \$38,000. Replacement costs will vary based on type of finish or window materials selected.

Alternative Two would be the complete demolition of site buildings. Assuming a 20% contingency, we estimate the cost to perform asbestos abatement and demolition to be approximately \$930,000 to \$1,180,000. Demolition design costs are estimated to be \$57,000 while construction administration and oversight services are estimated to be \$75,000.

To help determine a specific course of action, the Town may consider retaining an architect for an updated in-depth assessment of the buildings per Massachusetts State Building Code - 780 CMR. The assessment, performed with Town staff if warranted, would document existing in-field conditions and issues related to masonry repointing and lintel repairs, window conditions, roof conditions and repairs, accessibility and exterior elements. Such assessments typically cost in the \$15,000-\$22,000 range. The architect would document and provide a report for the Town to develop a comprehensive capital plan for handling renovation and/or maintenance of the buildings.

We appreciate the opportunity to assist you with this project. If you have any questions or require any additional information, please do not hesitate to contact us at (978) 532-1900.

Very truly yours,

WESTON & SAMPSON ENGINEERS, INC.



Craig Miner, LEED AP
Team Leader



Caleb Pettigrew
Environmental Scientist III

Attachments:

Laboratory Analytical results



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com> / bostonlab@emsl.com

EMSL Order: 132507433

Customer ID: WESA62

Customer PO:

Project ID:

Attention: Craig Miner
Weston & Sampson Engineers, Inc.
55 Walkers Brook Drive
Suite 100v
Reading, MA 01867

Phone: (978) 532-1900

Fax: (978) 977-0100

Received Date: 12/17/2025 8:30 AM

Analysis Date: 12/23/2025 - 12/24/2025

Collected Date: 12/15/2025

Project: Coffin School

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01A <small>132507433-0001</small>	Crawspace - Room 18 Entrance - Black Sealant	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01B <small>132507433-0002</small>	Crawspace - Room 18 Entrance - Black Sealant	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01C <small>132507433-0003</small>	Crawspace - Room 18 Entrance - Black Sealant	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02A <small>132507433-0004</small>	Crawspace - Room 18 Entrance - Pipe Thread Wrap	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02B <small>132507433-0005</small>	Crawspace - Room 18 Entrance - Pipe Thread Wrap	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02C <small>132507433-0006</small>	Crawspace - Room 18 Entrance - Pipe Thread Wrap	Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03A <small>132507433-0007</small>	Crawspace - Room 18 Entrance - Remnant Pipe Insulation	Various Fibrous Homogeneous	5% Cellulose 20% Glass	75% Non-fibrous (Other)	None Detected
03B <small>132507433-0008</small>	Crawspace - Room 18 Entrance - Remnant Pipe Insulation	Various Fibrous Homogeneous	5% Cellulose 20% Glass	75% Non-fibrous (Other)	None Detected
03C <small>132507433-0009</small>	Crawspace - Room 18 Entrance - Remnant Pipe Insulation	Various Fibrous Homogeneous	5% Cellulose 20% Glass	75% Non-fibrous (Other)	None Detected
04A <small>132507433-0010</small>	Room 18 - Through Wall Flashing - Black	Black Fibrous Homogeneous		70% Non-fibrous (Other)	30% Chrysotile
04B <small>132507433-0011</small>	Room 18 - Through Wall Flashing - Black				Positive Stop (Not Analyzed)
05A <small>132507433-0012</small>	Room 18 - Pipe Wrap	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
05B <small>132507433-0013</small>	Room 18 - Pipe Wrap	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
05C <small>132507433-0014</small>	Room 18 - Pipe Wrap	Tan Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
06A <small>132507433-0015</small>	2nd Floor - Light Gray/White Dot 12x12" Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/24/2025 06:01:55



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com> / bostonlab@emsl.com

EMSL Order: 132507433
Customer ID: WESA62
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06B <small>132507433-0016</small>	2nd Floor - Light Gray/White Dot 12x12" Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07A <small>132507433-0017</small>	2nd Floor - Light Gray/White Dot 12x12" Floor Tile - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07B <small>132507433-0018</small>	2nd Floor - Light Gray/White Dot 12x12" Floor Tile - Black Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08A <small>132507433-0019</small>	Stairway - Green 9x9" Floor Tile	Green Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
08B <small>132507433-0020</small>	Stairway - Green 9x9" Floor Tile				Positive Stop (Not Analyzed)
09A <small>132507433-0021</small>	Stairway - Green 9x9" Floor Tile - Black Mastic	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09B <small>132507433-0022</small>	Stairway - Green 9x9" Floor Tile - Black Mastic	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10A <small>132507433-0023</small>	Walkway - White Window Glazing Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10B <small>132507433-0024</small>	Walkway - White Window Glazing Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11A <small>132507433-0025</small>	Library - Wall Plaster Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11B <small>132507433-0026</small>	Ground Floor - Wall Plaster Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11C <small>132507433-0027</small>	2nd Floor - Wall Plaster Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11D <small>132507433-0028</small>	2nd Floor - Wall Plaster Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11E <small>132507433-0029</small>	2nd Floor - Wall Plaster Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11F <small>132507433-0030</small>	First Floor - Wall Plaster Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12A <small>132507433-0031</small>	Library - Wall Plaster Rough Coat	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
12B <small>132507433-0032</small>	Ground Floor - Wall Plaster Rough Coat	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
12C <small>132507433-0033</small>	2nd Floor - Wall Plaster Rough Coat	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected

Initial report from: 12/24/2025 06:01:55



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com> / bostonlab@emsl.com

EMSL Order: 132507433
Customer ID: WESA62
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12D <small>132507433-0034</small>	2nd Floor - Wall Plaster Rough Coat	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
12E <small>132507433-0035</small>	2nd Floor - Wall Plaster Rough Coat	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
12F <small>132507433-0036</small>	First Floor - Wall Plaster Rough Coat	Gray Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
13A <small>132507433-0037</small>	Ground Floor - Exterior Window Glazing White - 3x3 Panel	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
13B <small>132507433-0038</small>	Ground Floor - Exterior Window Glazing White - 3x3 Panel				Positive Stop (Not Analyzed)
14A <small>132507433-0039</small>	Ground Floor - White Wall Cavity Sealant	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14B <small>132507433-0040</small>	Ground Floor - White Wall Cavity Sealant	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15A <small>132507433-0041</small>	2nd Floor - Cube Window Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15B <small>132507433-0042</small>	2nd Floor - Cube Window Grout	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16A <small>132507433-0043</small>	2nd Floor - Large Classroom White Window Glazing	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
16B <small>132507433-0044</small>	2nd Floor - Large Classroom White Window Glazing				Positive Stop (Not Analyzed)
17A <small>132507433-0045</small>	First Floor - Gray Window Glazing	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
17B <small>132507433-0046</small>	First Floor - Gray Window Glazing				Positive Stop (Not Analyzed)
18A <small>132507433-0047</small>	First Floor - Tan Window Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
18B <small>132507433-0048</small>	First Floor - Tan Window Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19A <small>132507433-0049</small>	First Floor - Black Window Glazing	Black Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
19B <small>132507433-0050</small>	First Floor - Black Window Glazing				Positive Stop (Not Analyzed)
20A <small>132507433-0051</small>	First Floor - White Window Caulk	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/24/2025 06:01:55



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com/bostonlab@emsl.com>

EMSL Order: 132507433
Customer ID: WESA62
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
20B <small>132507433-0052</small>	First Floor - White Window Caulk	Gray/Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
21A <small>132507433-0053</small>	First Floor - Security Window Glazing	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
21B <small>132507433-0054</small>	First Floor - Security Window Glazing				Positive Stop (Not Analyzed)
22A <small>132507433-0055</small>	Exterior - Door Caulk	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22B <small>132507433-0056</small>	Exterior - Door Caulk	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
23A <small>132507433-0057</small>	Exterior - Stair Window Glazing White	Gray/White Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
23B <small>132507433-0058</small>	Exterior - Stair Window Glazing White				Positive Stop (Not Analyzed)
24A <small>132507433-0059</small>	Exterior - Wall Joint Filler Gray	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24B <small>132507433-0060</small>	Exterior - Wall Joint Filler Gray	Silver Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
25A <small>132507433-0061</small>	Test Pit - Damp Proofing	Black Fibrous Homogeneous		88% Non-fibrous (Other)	12% Chrysotile
25B <small>132507433-0062</small>	Test Pit - Damp Proofing				Positive Stop (Not Analyzed)
25C <small>132507433-0063</small>	Test Pit - Damp Proofing				Positive Stop (Not Analyzed)
26A <small>132507433-0064</small>	Exterior - Black Window Glazing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26B <small>132507433-0065</small>	Exterior - Black Window Glazing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27A <small>132507433-0066</small>	Exterior - White Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27B <small>132507433-0067</small>	Exterior - White Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28A <small>132507433-0068</small>	Exterior - White Caulk	Gray/White Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
28B <small>132507433-0069</small>	Exterior - White Caulk				Positive Stop (Not Analyzed)
29A <small>132507433-0070</small>	Exterior - White Louvre Caulk	Gray Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile

Initial report from: 12/24/2025 06:01:55



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com/bostonlab@emsl.com>

EMSL Order: 132507433
Customer ID: WESA62
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
29B	Exterior - White Louvre Caulk				Positive Stop (Not Analyzed)
<i>132507433-0071</i>					
30A	Exterior - Black Flashing	Black Fibrous Homogeneous	15% Cellulose	80% Non-fibrous (Other)	5% Chrysotile
<i>132507433-0072</i>					
30B	Exterior - Black Flashing				Positive Stop (Not Analyzed)
<i>132507433-0073</i>					
31A	Exterior - Window Caulk	Gray/White Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
<i>132507433-0074</i>					
31B	Exterior - Window Caulk				Positive Stop (Not Analyzed)
<i>132507433-0075</i>					
32A	Exterior - 1x4 Panel Window Glazing	Gray/White Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
<i>132507433-0076</i>					
32B	Exterior - 1x4 Panel Window Glazing				Positive Stop (Not Analyzed)
<i>132507433-0077</i>					
33A	Exterior - 1x4 Panel Window Caulk	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
<i>132507433-0078</i>					
33B	Exterior - 1x4 Panel Window Caulk				Positive Stop (Not Analyzed)
<i>132507433-0079</i>					
34A	Exterior - Door Caulk	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
<i>132507433-0080</i>					
34B	Exterior - Door Caulk				Positive Stop (Not Analyzed)
<i>132507433-0081</i>					
35A	Exterior - Louvre Caulk	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
<i>132507433-0082</i>					
35B	Exterior - Louvre Caulk				Positive Stop (Not Analyzed)
<i>132507433-0083</i>					
36A	Exterior - White Pipe Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>132507433-0084</i>					
36B	Exterior - White Pipe Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>132507433-0085</i>					
37A	Exterior - Cube Window Caulk	Gray Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
<i>132507433-0086</i>					
37B	Exterior - Cube Window Caulk				Positive Stop (Not Analyzed)
<i>132507433-0087</i>					
38A	Exterior - 1x4 Panel Window Glazing	Gray/White Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
<i>132507433-0088</i>					
38B	Exterior - 1x4 Panel Window Glazing				Positive Stop (Not Analyzed)
<i>132507433-0089</i>					

Initial report from: 12/24/2025 06:01:55



EMSL Analytical, Inc.

5 Constitution Way, Unit A Woburn, MA 01801

Tel/Fax: (781) 933-8411 / (781) 933-8412

<http://www.EMSL.com/bostonlab@emsl.com>

EMSL Order: 132507433
Customer ID: WESA62
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
39A <small>132507433-0090</small>	Exterior - 1x4 Panel Window Caulk	Gray Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
39B <small>132507433-0091</small>	Exterior - 1x4 Panel Window Caulk				Positive Stop (Not Analyzed)
40A <small>132507433-0092</small>	Exterior - Black Flashing	Black Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
40B <small>132507433-0093</small>	Exterior - Black Flashing				Positive Stop (Not Analyzed)
41A <small>132507433-0094</small>	Exterior - Window Caulk	Gray Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
41B <small>132507433-0095</small>	Exterior - Window Caulk				Positive Stop (Not Analyzed)
42A <small>132507433-0096</small>	Exterior - Black Window Caulk	Gray Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
42B <small>132507433-0097</small>	Exterior - Black Window Caulk				Positive Stop (Not Analyzed)
43A <small>132507433-0098</small>	Exterior - Grout on Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
43B <small>132507433-0099</small>	Exterior - Grout on Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
44A <small>132507433-0100</small>	Exterior - Black Flashing	Black Fibrous Homogeneous		35% Non-fibrous (Other)	65% Chrysotile
44B <small>132507433-0101</small>	Exterior - Black Flashing				Positive Stop (Not Analyzed)

Analyst(s) _____

Kevin McKenzie (17)

Ramon Buenaventura (59)

Steve Grise, Laboratory 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 report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. 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. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI PLM00139, VT AL998919, ME LB-0039

Initial report from: 12/24/2025 06:01:55



Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
5 Constitution Way, Unit A
Woburn, MA 01801

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

132507433

PHONE: (781) 933-8411
EMAIL: bostonlab@emsl.com

Customer Information	Customer ID:		Billing ID:	
	Company Name: <u>Weston D Sampson</u>		Company Name:	
	Contact Name: <u>Craig Miner</u>		Billing Contact:	
	Street Address: <u>55 WALKER BOOK DRIVE</u>		Street Address:	
	City, State, Zip: <u>Reading, MA 01867</u>	Country:	City, State, Zip:	Country:
	Phone: <u>1-800-SAMPSON</u>		Phone:	
Email(s) for Report: <u>miner@emsl.com, pettigrew@emsl.com, calebang@emsl.com</u>		Email(s) for Invoice:		

Project Information		
Project Name/No: <u>Coffin School</u>	Purchase Order:	
EMSL LIMS Project ID: (if applicable, EMSL will provide)	US State where samples collected: <u>MA</u>	State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: <u>Caleb Pettigrew</u>	Sampled By Signature: <u>[Signature]</u>	Date Sampled: <u>12-15-25</u> No. of Samples in Shipment: <u>101</u>

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.

<p style="text-align: center;">PLM - Bulk (reporting limit)</p> <p><input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)</p> <p><input type="checkbox"/> PLM EPA NOB (<1%)</p> <p><input type="checkbox"/> POINT COUNT</p> <p style="padding-left: 20px;"><input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%)</p> <p><input type="checkbox"/> POINT COUNT w/ GRAVIMETRIC</p> <p style="padding-left: 20px;"><input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1,000 (<0.1%)</p> <p><input type="checkbox"/> NIOSH 9002 (<1%)</p> <p><input type="checkbox"/> NYS 198.1 (Friable - NY)</p> <p><input type="checkbox"/> NYS 198.6 NOB (Non-Friable - NY)</p> <p><input type="checkbox"/> NYS 198.8 (Vermiculite SM-V)</p>	<p style="text-align: center;">Test Selection</p> <p style="text-align: center;">TEM - Bulk</p> <p><input type="checkbox"/> TEM EPA NOB</p> <p><input type="checkbox"/> NYS NOB 198.4 (Non-Friable - NY)</p> <p><input type="checkbox"/> TEM EPA 600/R-93/116 w Milling Prep (0.1%)</p> <p style="text-align: center;">Other Tests (please specify)</p> <p><input checked="" type="checkbox"/> Positive Stop - Clearly Identified Homogeneous Areas (HA)</p>
--	---

Sample Number	HA Number	Sample Location	Material Description
01A-C		Crawlspace - Rm. 18 Entrance	Black sealant
02A-C		↓	Pipe thread wrap
03A-C			Remnant pipe insulation
04A-B		Room 18	Through wall flashing-black
05A-C		Room 18 ↓ 2nd Floor ↓	Pipe wrap
06A-B			Light gray/white dot 12"x12" floor tile
07A-B		↓	Light Gray/white dot 12"x12" floor tile-black mastic
08A-B			Green 9"x9" floor tile
09A-B		Stairway	Green 9"x9" floor tile black mastic
10A-B		Walkway	White window glazing compound

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

Method of Shipment: <u>Drop-off</u>	Sample Condition Upon Receipt: <u>AM 830</u>
Relinquished by: <u>[Signature]</u>	Received by: <u>REC'D</u> Date/Time: <u>DEC 17 2025</u>
Relinquished by: <u>[Signature]</u>	Received by: <u>EMSL-BOSTON</u> Date/Time: <u>DEC 17 2025</u>

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.



Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
5 Constitution Way, Unit A
Woburn, MA 01801

132507433

PHONE: (781) 933-8411
EMAIL: bostonlab@emsl.com

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

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
11A		Library	Wall plaster skim coat
11B		Ground floor	↓
11C		2nd Floor	
11D		↓	
11E		↓	
11F		First Floor	
12A		Library	
12B		Ground floor	↓
12C		2nd Floor	
12D		↓	
12E		↓	
12F		First floor	
13A-B		Ground floor	
14A-B		↓	White wall cavity sealant
15A-B		2nd Floor	Cube window grout
16A-B		↓	Large classroom white window glazing
17A-B		First Floor	Gray window glazing
18A-B		↓	Tan window caulk
19A-B		↓	Black window glazing
20A-B		↓	White window caulk
21A-B		↓	Security window glazing
22A-B		Exterior	Door caulk
23A-B		↓	Stair window glazing white
24A-B		↓	Wall joint filler gray
25A-C		Test pit	Damp proofing

Method of Shipment: <i>Direct</i>		Sample Condition Upon Receipt:	
Relinquished by: <i>[Signature]</i>	Date/Time: 12/17/25 06:00	Received by: <i>[Signature]</i>	Date/Time:
Relinquished by:	Date/Time:	Received by: <i>[Signature]</i>	Date/Time:

Controlled Document - Asbestos Bulk R7 09/14/2021

EMSL-BOSTON DEC 17 2025

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.

**EMSL Analytical, Inc.**

3303 Parkway Center Court, Orlando, FL, 32808
 Telephone: (407)-599-5887 Fax:(407)-599-9063
 www.emsl.com

EMSL Order ID: 342553968
LIMS Reference ID: JD53968
EMSL Customer ID: WESA62

Attention: Craig Miner
 Weston & Sampson Engineers, Inc. [WESA62]
 55 Walkers Brook Drive, Suite 100v
 Reading, MA 01867
 (978) 532-1900
 minerc@wseinc.com

Project Name: Coffin School

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 12/18/2025 10:24
Reported: 12/24/2025 11:45

Analytical Results

Analyte	Results	RL	Weight(g)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: L1/Ground Floor, Tan Wall Paint							Date Sampled: 12/15/25		
Matrix: Chips							LIMS Reference ID: JD53968-01		
Lead	0.0964 % wt	0.0064 % wt	0.2645	12/22/25 AGS	SW-846 3050B	12/22/25 AGS	SW 846-7000B	1	
Sample Comments:									
Client Sample ID: L2/Ground Floor, Off - White Ceiling Paint							Date Sampled: 12/15/25		
Matrix: Chips							LIMS Reference ID: JD53968-02		
Lead	0.0784 % wt	0.0064 % wt	0.2565	12/22/25 AGS	SW-846 3050B	12/22/25 AGS	SW 846-7000B	1	
Sample Comments:									
Client Sample ID: L3/Second Floor, Blue Wall Paint							Date Sampled: 12/15/25		
Matrix: Chips							LIMS Reference ID: JD53968-03		
Lead	0.0785 % wt	0.0064 % wt	0.302	12/22/25 AGS	SW-846 3050B	12/22/25 AGS	SW 846-7000B	1	
Sample Comments:									
Client Sample ID: L4/Second Floor, White Ceiling Paint							Date Sampled: 12/15/25		
Matrix: Chips							LIMS Reference ID: JD53968-04		
Lead	0.0360 % wt	0.0064 % wt	0.2624	12/22/25 AGS	SW-846 3050B	12/22/25 AGS	SW 846-7000B	1	
Sample Comments:									
Client Sample ID: L5/First Floor, Tan Wall Paint							Date Sampled: 12/15/25		
Matrix: Chips							LIMS Reference ID: JD53968-05		
Lead	<0.0064 % wt	0.0064 % wt	0.2541	12/22/25 AGS	SW-846 3050B	12/22/25 AGS	SW 846-7000B	1	
Sample Comments:									
Client Sample ID: L6/Exterior, Blue Door Paint							Date Sampled: 12/15/25		
Matrix: Chips							LIMS Reference ID: JD53968-06		
Lead	12.2 % wt	0.599 % wt	0.2671	12/22/25 AGS	SW-846 3050B	12/22/25 AGS	SW 846-7000B	D	100
Sample Comments:									

**EMSL Analytical, Inc.**

3303 Parkway Center Court, Orlando, FL, 32808
 Telephone: (407)-599-5887 Fax:(407)-599-9063
 www.emsl.com

EMSL Order ID: 342553968
LIMS Reference ID: JD53968
EMSL Customer ID: WESA62

Attention: Craig Miner
 Weston & Sampson Engineers, Inc. [WESA62]
 55 Walkers Brook Drive, Suite 100v
 Reading, MA 01867
 (978) 532-1900
 minerc@wseinc.com

Project Name: Coffin School

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 12/18/2025 10:24
Reported: 12/24/2025 11:45

Certified Analyses included in this Report

Analyte	Certifications
SW 846-7000B in Chips	
Lead	34-AIHA ELLAP,34-LA,34-OH

List of Certifications

Code	Description	Number	Expires
34-LA	LA - Asbestos (PCM, PLM and TEM), Fungi and Bacteria, Lead and Metals	0519	06/30/2027
34-AIHA ELLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - ELLAP	163563	03/01/2026
34-AIHA IHLAP	American Industrial Hygiene Association (AIHA LAP, LLC) - IHLAP	163563	03/01/2026
34-A2LA Food	A2LA Food Microbiology Certificate	2845.49	03/31/2026
34-OH	OH - Lead in Paint Chips, Wipes, Soil and Air	E10057	11/22/2025
34-FLDOH	Florida Drinking Water and Wastewater	E87804	06/30/2026

Please see the specific Field of Testing (FOT) on www.emsl.com for a complete listing of parameters for which EMSL is certified.

Notes and Definitions

Item	Definition
D	Analyte was reported from a dilution run.
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DA	Direct Analysis
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RCS	Respirable Crystalline Silica
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

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



EMSL Analytical, Inc.

3303 Parkway Center Court, Orlando, FL, 32808
Telephone: (407)-599-5887 Fax:(407)-599-9063
www.emsl.com

EMSL Order ID: 342553968
LIMS Reference ID: JD53968
EMSL Customer ID: WESA62

Attention: Craig Miner
Weston & Sampson Engineers, Inc. [WESA62]
55 Walkers Brook Drive, Suite 100v
Reading, MA 01867
(978) 532-1900
minerc@wseinc.com

Project Name: Coffin School

Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 12/18/2025 10:24
Reported: 12/24/2025 11:45

Heather Ohye Laboratory 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 report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. QC sample results are within quality control criteria and met method specifications unless otherwise noted. All results for soil samples are reported on a dry weight basis, unless otherwise noted.

Analysis following EMSL SOP for the Determination of Environmental Lead by FLAA. The laboratory has a reporting limit of 0.0064% by wt., based upon a minimum sample weight of 0.25g submitted to the lab, and is not responsible for any result or reporting limit provided in mg/cm² since it is dependent upon an area value provided by non-lab personnel. A "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty and definitions of modifications are available upon request. Results in this report are not blank corrected unless specified.



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

J053968

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information	Customer ID:	Billing ID:
	Company Name: Weston & Sampson	Company Name:
	Contact Name: Craig Miner	Billing Contact:
	Street Address: 55 Walkers Brook Drive	Street Address:
	City, State, Zip: Reading, MA 01867 Country: USA	City, State, Zip: Country:
	Phone: 1-800-SAMPSON	Phone:
Email(s) for Report: miner@wseinc.com, Pettigrew.Caleb@wseinc.com		Email(s) for Invoice:

Project Name/No: Coffin School		Purchase Order:
EMSL LIMS Project ID:	US State where samples collected: MA	State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: Caleb Pettigrew	Sampled By Signature: [Signature]	No. of Samples in Shipment: 6

Turn-Around-Time (TAT)
 3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input checked="" type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input checked="" type="checkbox"/>
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLIC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ <input type="checkbox"/> PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ <input type="checkbox"/> PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
L1	Ground Floor	Tan wall paint	
L2	↓	off-white ceiling paint	
L3	Second Floor	Blue wall paint	
L4	↓	white ceiling paint	
L5	First Floor	Tan wall paint	

Method of Shipment: Dropoff	Sample Condition Upon Receipt:
Relinquished by: [Signature]	Received by: [Signature]
Date/Time: 12-17-25 06:00	Date/Time: DEC 18 2025 1024
Relinquished by: [Signature]	Received by: [Signature]
Date/Time: 12-17-25 06:30	Date/Time: DEC 18 2025 1024

REC'D
EMSL-BOSTON
DEC 17 2025
drop box

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



Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

J053968

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information	Customer ID:	Billing Information	Billing ID:
	Company Name: Weston & Sampson		Company Name:
	Contact Name: Craig Miner		Billing Contact:
	Street Address: 55 Walkers Brook Drive		Street Address:
	City, State, Zip: Reading, MA 01867 Country: USA		City, State, Zip: Country:
	Phone: 1-800-SAMPSON		Phone:
Email(s) for Report: minerc@wseinc.com, Pettigrew.Caleb@wseinc.com		Email(s) for Invoice:	

Project Information

Project Name/No: **Coffin School** Purchase Order:

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

Sampled By Name: **Caleb Pettigrew** Sampled By Signature: *[Signature]* No. of Samples in Shipment: **6**

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.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input checked="" type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm ² *Reporting Limit based on a minimum 0.25g sample weight. **Not appropriate for Ceramic Tiles - XRF is recommended	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input checked="" type="checkbox"/>
	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM *If no box is checked, non-ASTM Wipe is assumed	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLIC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
L1	Ground Floor	Tan Wall paint	
L2	↓	Off-white ceiling paint	
L3	Second Floor	Blue wall paint	
L4	↓	white ceiling paint	
L5	First Floor	Tan Wall paint	

Method of Shipment: **Drop-off** Sample Condition Upon Receipt:

Relinquished by: *[Signature]* Date/Time: **12-17-25 06:00** Received by: *[Signature] Date/Time: **DEC 18 2025 1024***

Relinquished by: *[Signature]* Date/Time: **8:30** Received by: *[Signature] Date/Time:*

Controlled Document - SOC-25 Lead RFR 05/09/2022 *6010C Available Upon Request

REC'D **DEC 17 2025** AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL-BOSTON **dropbox**

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.

