

# Asbestos Inspection/Testing

Dana St. Elementary School  
50 Dana Street  
Kingston, PA 18704



**ENVIRONMENTAL ABATEMENT ASSOCIATES, INC.**

**February 21st, 2024**

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Dana St. Elementary

50 Dana Street  
Kingston PA, 18704

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# Inspection Summary



Environmental  
Abatement  
Associates, Inc.

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ENVIRONMENTAL MANAGEMENT DESIGN PLANNING

February 21st, 2024

Mr. Frank Grevera  
Dana St. Elementary  
50 Dana Street  
Kingston, PA 18704

RE: ASBESTOS TESTING FOR DANA STREET ELEMENTARY SCHOOL,  
KINGSTON, PA 18704

Dear Mr. Frank Grevera,

On Friday, February 16th, 2024, an asbestos inspection/testing was conducted at the above-referenced site by a certified building inspector from ENVIRONMENTAL ABATEMENT ASSOCIATES, INC.(EAA). To Inspect for suspect asbestos containing materials (ACM), one homogeneous Area (suspect of ACM) were associated with the cafeteria. A total of three (3) bulk samples of the suspect material were collected and sent to an independent accredited laboratory(EMSL) for analysis by Polarized Light Microscopy(PLM).

Of the three (3) samples analyzed by EMSL Analytical, **NONE** of the samples were found to **contain more than 1% asbestos**. If you have any questions, please don't hesitate to call.

Thank you for the opportunity to be of service. Yours truly,

A handwritten signature in blue ink that reads "Wayne Thomas". The signature is fluid and cursive, with a long horizontal stroke at the end.

Wayne Thomas  
Project Manager

# ACM Legend

## ACM LEGEND

### A. Surfacing

- A1 Sprayed acoustical
- A2 Troweled acoustical
- A3 Sprayed fireproofing
- A4 Troweled fireproofing
- A5 Plaster

### B. Thermal

- B1 Pipe insulation (air cell, etc.)
- B2 Square ducts, etc.
- B3 Breeching (boiler pipe, etc. round)
- B4 Fittings
- B5 Boiler coverings, roof drains and tanks (boiler, water, etc.)

### C. Miscellaneous

- C1 Ceiling tiles
- C2 Floor tiles
- C3 Drywall, sheet rock, transite board and roofing

**Quantity:** Pipe lengths: linear feet  
Elbows and fittings: each  
Tiles, walls, ceilings, roofs, transite: square feet

EXAMPLE: Reading Homogeneous Area, Functional Space and Chain of Custody forms in an Asbestos Inspection Report.

A5-1...A5 designates plaster and #1 indicates first type of plaster found. A5-2 would indicate second type of plaster found, etc.

B1-1...B1 designates thermal pipe insulation and #1 indicates first type of pipe insulation found. B1-4 would indicate fourth type of pipe insulation found, etc.

C1-1...C1 designates ceiling tile and #1 indicates first type of ceiling tile found. C1-7 would indicate seventh type of ceiling type found, etc. This method would follow through on all of the above Homogeneous Areas.

# Homogenous Areas



# **Bulk Sample Log – Laboratory Analysis**



# Asbestos Bulk Building Materials - Chain of Custody

5221 Millida Hill Rd

EMSL Order Number / Lab Use Only

182400697

Plymouth Meeting, PA 19462

PHONE: (610) 828-3102

EMAIL: plymouthmeetinglab@emsl.com

**EMSL ANALYTICAL, INC.**  
LABORATORY • PRODUCTS • TRAINING

<b>Customer Information</b>	Customer ID:		<b>Billing Information</b>	Billing ID:	
	Company Name:	Environmental Abatement Associates, Inc.		Company Name:	Environmental Abatement Associates, Inc.
	Contact Name:	Christopher Tsioles		Billing Contact:	Christopher Tsioles
	Street Address:	239 Schuyler avenue suite 125B		Street Address:	239 Schuyler avenue suite 125B
	City, State, Zip:	KINGSTON PA 18704 Country: US		City, State, Zip:	KINGSTON PA Country: US
	Phone:	570-283-0500		Phone:	570-283-0500
Email(s) for Report: eaawdt@verizon.net			Email(s) for Invoice:		

<b>Project Information</b>			
Project Name/No: 24-8 Dana Street Elementary	Purchase Order:		
EMSL LIMS Project ID: (If applicable, EMSL will provide)	US State where samples collected: PA	State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Name: Christopher Tsioles	Sampled By Signature:	Date Sampled: 2/16/24	No. of Samples In Shipment: 3

**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;"><b>PLM - Bulk (reporting limit)</b></p> <p><input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (&lt;1%)</p> <p><input type="checkbox"/> PLM EPA NOB (&lt;1%)</p> <p><input type="checkbox"/> POINT COUNT</p> <p style="padding-left: 20px;"><input type="checkbox"/> 400 (&lt;0.25%) <input type="checkbox"/> 1,000 (&lt;0.1%)</p> <p><input type="checkbox"/> POINT COUNT w/ GRAVIMETRIC</p> <p style="padding-left: 20px;"><input type="checkbox"/> 400 (&lt;0.25%) <input type="checkbox"/> 1,000 (&lt;0.1%)</p> <p><input type="checkbox"/> NIOSH 9002 (&lt;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;"><b>Test Selection</b></p> <p style="text-align: center;"><b>TEM - Bulk</b></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;"><u>Other Tests (please specify)</u></p> <p><input type="checkbox"/> Positive Stop - Clearly Identified Homogeneous Areas (HA)</p>
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Sample Number	HA Number	Sample Location	Material Description
DANA-01	A5-1	Cafeteria	White Ceiling Plaster
DANA-02	A5-1	Cafeteria	White Ceiling Plaster
DANA-03	A5-1	Cafeteria	White Ceiling Plaster

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

Method of Shipment:		Sample Condition Upon Receipt: <span style="float: right;">win</span>	
Relinquished by: Christopher Tsioles	Date/Time: 2/16/24	Received by: <i>Deanna Nickerson</i>	Date/Time: 2-19-24 2:25P
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.



# EMSL Analytical, Inc.

5221 Militia Hill Road Plymouth Meeting, PA 19462  
Tel/Fax: (610) 828-3102 / (610) 828-3122  
<http://www.EMSL.com> / [plymouthmeetinglab@emsl.com](mailto:plymouthmeetinglab@emsl.com)

**EMSL Order:** 182400697  
**Customer ID:** ENVA55  
**Customer PO:**  
**Project ID:**

**Attention:** Christopher Tsoles  
Environmental Abatement Associates, Inc.  
239 Schuyler avenue suite 125B  
KINGSTON, PA 18704

**Phone:** (570) 283-0500  
**Fax:** (570) 283-0577  
**Received Date:** 02/19/2024 2:25 PM  
**Analysis Date:** 02/21/2024  
**Collected Date:** 02/16/2024

**Project:** 24-8 DANA STREET ELEMENTARY

## 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
DANA-01 <small>182400697-0001</small>	CAFETERIA - WHITE CEILING PLASTER	White Non-Fibrous Homogeneous	HA: A5-1	100% Non-fibrous (Other)	None Detected
DANA-02 <small>182400697-0002</small>	CAFETERIA - WHITE CEILING PLASTER	White Non-Fibrous Homogeneous	HA: A5-1	100% Non-fibrous (Other)	None Detected
DANA-03 <small>182400697-0003</small>	CAFETERIA - WHITE CEILING PLASTER	White Non-Fibrous Homogeneous	HA: A5-1	100% Non-fibrous (Other)	None Detected

Analyst(s)  
Faith Hoos (2)  
Tahirrah Steele (1)

Kevin Ream, 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. Plymouth Meeting, PA NVLAP Lab Code 200699-0, Philadelphia ALL-292, VA 3333000315, AIHA LAP, LLC-IHLAP Accredited #178659

Initial report from: 02/21/2024 16:11:07

# Certifications

United States Department of Commerce  
National Institute of Standards and Technology



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**Certificate of Accreditation to ISO/IEC 17025:2017**

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**NVLAP LAB CODE: 200699-0**

**EMSL Analytical, Inc.**  
Plymouth Meeting, PA

*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 dated January 2009).*

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2023-01-01 through 2023-12-31

*Effective Dates*



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*For the National Voluntary Laboratory Accreditation Program*

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**EMSL Analytical, Inc.**  
5221 Militia Hill Road  
Plymouth Meeting, PA 19462  
Mr. Kevin Ream  
Phone: 610-828-3102  
Email: [kream@emsl.com](mailto:kream@emsl.com)  
<http://www.emsl.com>

**ASBESTOS FIBER ANALYSIS**

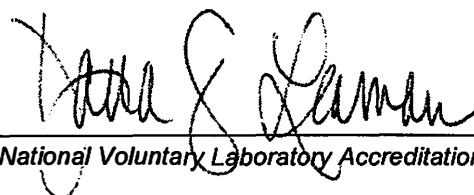
**NVLAP LAB CODE 200699-0**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
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

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



*For the National Voluntary Laboratory Accreditation Program*