



## Environmental Resources Group

3125 Sovereign Drive • Suite B • Lansing, MI • 48911  
Phone: 517-999-6020 • Fax: 248-924-3108

February 18, 2025

Brian Lieber  
Director of Operations  
Okemos Public Schools  
4000 Okemos Road  
Okemos, Michigan 48846

**RE: Limited Asbestos Sampling, Library  
Kinawa Middle School, 1900 Kinawa Road, Okemos, Michigan  
ERG Project No.: 240440**

Dear Mr. Lieber:

Environmental Resources Group, LLC (ERG) is pleased to present the following report of findings. As you know, on Thursday, February 13, 2025, ERG collected bulk samples of select assumed asbestos containing materials (ACM) from within the Library at Kinawa Middle School. Specifically, ceiling tiles, cove molding, associated mastic and carpet mastic were sampled and tested in preparation for mold remediation within the Library.

The samples were collected by Phillip A. Peterson of ERG. Mr. Peterson is a State of Michigan accredited asbestos building inspector with Accreditation Number A5242. The collected samples were submitted to ERG for asbestos analysis by Polarized Light Microscopy (PLM) with dispersion staining. The collected samples were analyzed using the Environmental Protection Agency (EPA) Method 600/R-93/116. The ERG PLM Laboratory maintains current National Voluntary Laboratory Accreditation Program (NVLAP) accreditation (Lab Code 101510-0).

None of the sampled and tested materials were found to contain asbestos.

The following material was sampled, tested, and found not to contain asbestos:

- White, 2' x 4' drop ceiling tile with pits and fissures
- White (but yellowing), 1' x 1' spline ceiling tile
- Bright white, 1' x 1' spline ceiling tile
- Black cove molding and associated mastic
- Brown carpet glue



As no asbestos was detected in the tested materials, the Library renovation may proceed without consideration for asbestos in these tested materials. However, ERG cautions that asbestos containing pipe fitting insulation may be present above the ceiling tile (as has been the case in other rooms in the building) and the remediation contactor must take care not to disturb this insulation if present.

The Bulk Sample Analytical Report, Chain of Custody Form, Bulk Sample Log and Digital Photograph Log are attached for your records.

Should you have questions or need additional information feel free to contact us.

Sincerely,

**Environmental Resources Group**

A handwritten signature in dark ink, reading "Phillip A. Peterson". The signature is fluid and cursive, with the first name being the most prominent.

Phillip A. Peterson  
Senior Project Manager  
Accredited Asbestos Building Inspector  
A5242

Enclosures



**BULK SAMPLE ANALYTICAL REPORT**

**CHAIN OF CUSTODY FORM**

**BULK SAMPLE LOG**

**AND**

**DIGITAL PHOTOGRAPH LOG**



# BULK SAMPLE ANALYTICAL REPORT

Project # 240440

NVLAP Accreditation #101510-0

Client Name: Okemos Public Schools  
 Project Name: Kinawa Middle School - Okemos, MI  
 Summary: 11 Collected Bulk Samples, 13 Sample Layers Analyzed.

Date Sampled: 2/13/2025 Client P.O. #: N/A  
 Date Submitted: 2/13/2025 C.O.C. #: N/A  
 Date Analyzed: 2/14/2025 Report Date: 2/14/2025

ERG Sample No.	Client I.D. No.	Description / Location	Asbestos Type	Non-Asbestos Containing Portion	Analyst
1-1	1-1	Tan tabular and fibrous material, Drop ceiling tile, 2'x4'. (Homogeneous)	NAD	Cellulose fibers 40% Mineral wool 20% Non-fibrous material 40%	KS
1-2	1-2	Tan tabular and fibrous material, Drop ceiling tile, 2'x4'. (Homogeneous)	NAD	Cellulose fibers 40% Mineral wool 20% Non-fibrous material 40%	KS
1-3	1-3	Tan tabular and fibrous material, Drop ceiling tile, 2'x4'. (Homogeneous)	NAD	Cellulose fibers 40% Mineral wool 20% Non-fibrous material 40%	KS
2-1	2-1	Cream tabular and fibrous material, 1'x1' spline ceiling tile (yellowing). (Homogeneous)	NAD	Mineral wool 95% Non-fibrous material 5%	KS
2-2	2-2	Cream tabular and fibrous material, 1'x1' spline ceiling tile (yellowing). (Homogeneous)	NAD	Mineral wool 95% Non-fibrous material 5%	KS
3-1	3-1	Cream tabular and fibrous material, 1'x1' spline ceiling tile. (Homogeneous)	NAD	Cellulose fibers 20% Mineral wool 70% Non-fibrous material 10%	KS
3-2	3-2	Cream tabular and fibrous material, 1'x1' spline ceiling tile. (Homogeneous)	NAD	Cellulose fibers 20% Mineral wool 70% Non-fibrous material 10%	KS



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ERG Sample No.	Client I.D. No.	Description / Location	Asbestos Type	Non-Asbestos-Containing Portion	Analyst
4-1	4-1	Brown rubbery and tabular material, 4" cove molding. Layer 1 of 2. (Homogeneous)	NAD	Cellulose fibers <1% Non-fibrous material >99%	KS
4-1	4-1	Cream glue material, 4" cove molding mastic. Layer 2 of 2. (Homogeneous)	NAD	Cellulose fibers 1% Synthetic fibers 1% Non-fibrous material 98%	KS
4-2	4-2	Brown rubbery and tabular material, 4" cove molding. Layer 1 of 2. (Homogeneous)	NAD	Cellulose fibers <1% Non-fibrous material >99%	KS
4-2	4-2	Cream glue material, 4" cove molding mastic. Layer 2 of 2. (Homogeneous)	NAD	Cellulose fibers 1% Non-fibrous material 99%	KS
5-1	5-1	Tan glue material, Carpet glue. (Homogeneous)	NAD	Cellulose fibers 1% Non-fibrous material 99%	KS
5-2	5-2	Tan glue material, Carpet glue. (Homogeneous)	NAD	Cellulose fibers 1% Non-fibrous material 99%	KS



**Comments**

Bulk samples were analyzed using the USEPA Test Method EPA/600/R-93/116: Method for Determination of Asbestos in Bulk Building Materials and EPA-40 CFR Appendix E to Subpart 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples. The constituent percent reported represents an estimate of the area percent of the component. The test report relates only to items tested. This report is not intended to be used as a product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced, except in full, without the written approval of the laboratory. Individual sample layers are homogeneous, unless otherwise noted.

If no asbestos was detected in a sample the acronym NAD (no asbestos detected) will appear in the Asbestos Type column of the report.

Fine fibers like those in floor tile may not be discernible by this method.

Factors related to measurement uncertainty have been identified and are available up request.

Test items were received in acceptable condition unless otherwise noted. Revision 5.0 dated 08/27/19.

Approved Signatory: 

Date: 2/14/2025



**BULK SAMPLE LOG**  
**ERG Project # 240440**

DATE: 2/13/2025 BUILDING: Kinawa Middle School, Okemos, MI INSPECTOR: Phillip A. Peterson

HA #	TOTAL FOOTAGE	MATERIAL TYPE	MATERIAL CONDITION	F/NF	MATERIAL ACM (Y/N)	ASBESTOS DETECTED* (Y/N)	SAMPLE #	SAMPLE LOCATION
1	2,138 s.f.	MM	U	F	N	N	1-1	Library, SW corner at flag of Romania
						N	1-2	Library, NW corner at flag of Vietnam
						N	1-3	Library, Teacher's Lounge above Electrical Panel
HA DESCRIPTION: White, 2' x 4' drop ceiling tile with pits and fissures					NOTES:			
2	7,386 s.f.	MM	D/U	F	N	N	2-1	Library, alcove near white board/projection screen
						N	2-2	Library, alcove near white board/projection screen
HA DESCRIPTION: White (yellowing) 1' x 1' spline ceiling tile					NOTES:			
3	53 s.f.	MM	U	F	N	N	3-1	Library alcove at power pole
						N	3-2	Library alcove near white board/projection screen
HA DESCRIPTION: 4" black cove molding and associated mastic					NOTES:			
4	84 s.f.	MM	U	NF	N	N	4-1	Library alcove below light switch
						N	4-2	Library at entrance to S. Trumpie's office
HA DESCRIPTION: 4 dark brown cove molding and associated mastic					NOTES:			
5	4,778 s.f.	MM	U	NF	N	N	5-1	Library at shelf 13
						N	5-2	Library at shelf 20
HA DESCRIPTION: Brown carpet mastic					NOTES:			
HA DESCRIPTION:					NOTES:			

	<p>1. HA-01-White, 2' x 4' drop ceiling tile with pits and fissures were present throughout the Library</p>
	<p>2. HA-02-White (yellowing) 1' x 1' spline ceiling tile were present throughout the Library.</p>
	<p>3. HA-03-Bright white, 1' x 1' spline ceiling tile were present in the Library.</p>

	<p>4. HA-04 – Black, 4” tall cove molding and associated mastic were present throughout the Library.</p>
	<p>5. HA-05-Brown carpet glue was found under the carpet throughout the Library.</p>
<p>No picture-see note</p>	<p>6. Please note that none of the above materials were found to contain asbestos.</p>