



Environmental Resources Group

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

February 6, 2025

Brian Leiber
Director of Operations
Okemos Public Schools
4000 Okemos Road
Okemos, Michigan 48864

**RE: Asbestos Sampling, Rooms 304-306
Kinawa Middle School, 1900 Kinawa Drive, Okemos, Michigan
ERG Project No.: 240440**

Dear Mr. Leiber:

Environmental Resources Group, LLC (ERG) is pleased to present the following report of findings. As you know, on January 16, 2025, ERG collected bulk samples of assumed asbestos containing materials (ACM) from within Kinawa Middle School. Samples were collected of materials from Rooms 304-306 that had not previously been sampled. Specifically, white drywall, 4" tan cove molding and associated mastic, and pipe joint insulation mastic were sampled and tested during a mold remediation project in Rooms 304-307.

The samples were collected by State of Michigan accredited asbestos building inspector Kristin Peterson (Accreditation Number A25037). The collected samples were submitted to ERG for asbestos analysis by Polarized Light Microscopy (PLM) with dispersion staining. The collected samples were analyzed using 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).

The following material was sampled, tested, and found to contain more than 1% asbestos and is an asbestos containing material (ACM):

Pipe joint insulation (undamaged, 4 c.t.)

The following materials were sampled, tested, and found not to contain asbestos:

White drywall
4" tan cove molding and associated mastic



As the pipe joint is ACM and will not be disturbed during the remediation the pipe insulation may remain in place.

The Bulk Sample Analytical Log, Bulk Sample Analytical Report and Chain of Custody Form 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 blue ink that reads "Kristin Peterson". The signature is written in a cursive style and is placed on a light yellow rectangular background.

Kristin Peterson
Senior Industrial Hygienist

Enc

CC: Allison Duncan, Veridus Group



BULK SAMPLE LOG
BULK SAMPLE ANALYTICAL REPORT
CHAIN OF CUSTODY FORM

BULK SAMPLE LOG
ERG Project # 240440

DATE: 1/16/2025 BUILDING: Kinawa Middle School INSPECTOR: Kristin Peterson

HA #	TOTAL FOOTAGE	MATERIAL TYPE	MATERIAL CONDITION	F/NF	MATERIAL ACM (Y/N)	ASBESTOS DETECTED*		SAMPLE #	SAMPLE LOCATION
						(Y/N)	(Y/N)		
1	200 s.f.	MM	U/D	NF	N	No		1-1	Room 304 interior wall.
						No		1-2	Room 305 interior wall.
						No		1-3	Room 305 interior wall.
HA DESCRIPTION: White drywall					NOTES:				
2	10 s.f.	MM	U	NF	N	No		2-1	Room 304 near door.
						No		2-2	Room 304 near door.
HA DESCRIPTION: Brown cove molding mastic					NOTES:				
3	4 ct.	TSI	U	NF	Y	Y		3-1	Room 305
						N/A		3-2	Room 305
						N/A		3-3	Room 305
HA DESCRIPTION: Pipe joint insulation					NOTES:				
HA DESCRIPTION:					NOTES:				
HA DESCRIPTION:					NOTES:				
HA DESCRIPTION:					NOTES:				



BULK SAMPLE ANALYTICAL REPORT

Project # 240440

NVLAP Accreditation #101510-0

Client Name: Okemos Public Schools
 Project Name: Kinawa Middle School - Okemos, MI
 Summary: 6 Collected Bulk Samples, 9 Sample Layers Analyzed.

Date Sampled: 1/16/2025 Client P.O. #: N/A
 Date Submitted: 1/16/2025 C.O.C. #: N/A
 Date Analyzed: 1/16/2025 Report Date: 1/16/2025

ERG Sample No.	Client I.D. No.	Description / Location	Asbestos Type	Non-Asbestos Containing Portion	Analyst
1-1	1-1	Tan fibrous material, Drywall. Layer 1 of 2. (Homogeneous)	NAD	Cellulose fibers 90% Non-fibrous material 10%	KS
1-1	1-1	White powdery material, Drywall. Layer 2 of 2. (Homogeneous)	NAD	Cellulose fibers 2% Fibrous glass 3% Non-fibrous material 95%	KS
1-2	1-2	Tan fibrous material, Drywall. Layer 1 of 2. (Homogeneous)	NAD	Cellulose fibers 90% Non-fibrous material 10%	KS
1-2	1-2	White powdery material, Drywall. Layer 2 of 2. (Homogeneous)	NAD	Cellulose fibers 2% Fibrous glass 3% Non-fibrous material 95%	KS
1-3	1-3	Tan fibrous material, Drywall. Layer 1 of 2. (Homogeneous)	NAD	Cellulose fibers 90% Non-fibrous material 10%	KS
1-3	1-3	White powdery material, Drywall. Layer 2 of 2. (Homogeneous)	NAD	Cellulose fibers 2% Fibrous glass 3% Non-fibrous material 95%	KS
2-1	2-1	Tan glue material, Cove Molding Glue. (Homogeneous)	NAD	Cellulose fibers 2% Non-fibrous material 98%	KS



BULK SAMPLE ANALYTICAL REPORT

Project # 240440

NVLAP Accreditation #101510-0

Client Name: Okemos Public Schools
 Project Name: Kinawa Middle School - Okemos, MI
 Summary: 6 Collected Bulk Samples, 9 Sample Layers Analyzed.

Date Sampled: 1/16/2025
 Date Submitted: 1/16/2025
 Date Analyzed: 1/16/2025

Client P.O. #: N/A
 C.O.C. #: N/A
 Report Date: 1/16/2025

ERG Sample No.	Client I.D. No.	Description / Location	Asbestos Type	Non-Asbestos-Containing Portion	Analyst
2-2	2-2	Tan glue material, Cove Molding Glue. (Homogeneous)	NAD	Cellulose fibers 2% Non-fibrous material 98%	KS
3-1	3-1	White powdery and fibrous material, Pipe Joint Insulation. (Homogeneous)	Chrysotile 7% Crocidolite 3%	Cellulose fibers 2% Mineral wool 10% Non-fibrous material 78%	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.

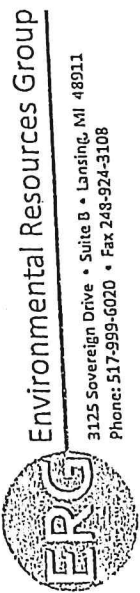
Fine fibers like those in floor tile may not be discernible by this method.

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: 1/16/2025



Environmental Resources Group

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

Client Name: <u>Olkemus Public Schools</u>		Matrix (See Right Corner for Code)		Matrix Code	
Contact Person: <u>K. Jackson</u>	Project Name/ Number: <u>240440</u>	# OF CONTAINERS		S Soil	
Project Location: <u>Kincaid Middle School, Okemos, MI</u>				A Air	
Email Distribution List:				O Oil	
Phone No.:				B Bulks	
Purchase Order No.:				X Other: Specify	
Date	Time	Sample #	Client Sample Descriptor	Remarks: <u>++Q</u>	
<u>Vilas</u>		<u>1-1</u>	<u>white drywall</u>		
		<u>1-2</u>	<u>"</u>		
		<u>1-3</u>	<u>"</u>		
		<u>2-1</u>	<u>love moldings blue tan</u>		
		<u>2-2</u>	<u>"</u>		
		<u>2-3</u>	<u>"</u>		
		<u>3-1</u>	<u>Pipe fit ins.</u>		
		<u>3-2</u>	<u>"</u>		
		<u>3-3</u>	<u>"</u>		
Comments:				Samples received in acceptable condition <input checked="" type="checkbox"/>	
Sampled/Relinquished By: <u>OK</u>		Date/Time	Received By: <u>Vilas @ 8:43</u>		
Relinquished By:		Date/Time	Received By: <u>[Signature]</u>		
Relinquished By:		Date/Time	Received By Laboratory: <u>[Signature]</u>		
Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY		ERG project number:		LAB USE ONLY	
Same day	1 bus. day	2 bus. days	3 bus. days	4 bus. days	Temperature upon receipt at Lab (if applicable):
5-7 bus. days (standard)		Other (specify time/date requirement): <u>ASAP - end of day Vilas</u>			
Please see back for terms and conditions					