



740.548.1500 ▪ www.augustmack.com  
7830 North Central Drive, Suite B ▪ Lewis Center, Ohio 43035

December 9, 2021

Mr. James Howard  
Heritage Land Services  
635 Brooksedge Boulevard  
Westerville, Ohio 43081

**Re: Pre-Demolition Asbestos Survey  
7640 Lancaster-Newark Road NE  
Baltimore, Ohio  
August Mack Project Number JV2622.731**

Dear Mr. Howard:

In accordance with your request, August Mack Environmental, Inc. (August Mack) has completed a pre-demolition asbestos survey of the two (2) structures located at 7640 Lancaster-Newark Road NE, Baltimore, Ohio. The purpose of the survey was to determine if asbestos-containing materials (ACMs) are present on or within the structures prior to demolition. Mr. Joshua Hanes, State of Ohio Asbestos Hazard Evaluation Specialist (AHES #544805) performed the inspection and sampling activities on November 23, 2021. A copy of Mr. Hanes' AHES accreditation is provided in **Attachment A**. A summary of the inspection and sampling activities and laboratory results is presented in the following sections.

### **SITE DESCRIPTION**

The subject buildings consisted of a one-story, concrete block structure and a one-story, metal framed structure located at 7640 Lancaster-Newark Road NE, Baltimore, Ohio. The interior of the concrete structure is largely degraded, consisting primarily of concrete block walls, a concrete floor, and wood framing. The metal structure consisted of metal siding, metal roofing, and a concrete floor. No HVAC systems are present in either structure.

### **ASBESTOS SAMPLE COLLECTION & ANALYSIS**

A walk-through and inspection of the buildings was performed to identify all suspect ACMs using the United States Environmental Protection Agency's (U.S. EPA's) list of items suspected as ACMs and the inspector's experience. Following the walkthrough, bulk samples were collected of all suspect ACMs identified. Sample locations and the number of bulk samples for each homogenous area were determined and collected in



accordance with U.S. EPA 40 CFR 763.86. Standard sampling protocols were employed, sampling tools were cleaned between samples, and chain-of-custody procedures were observed. A complete listing of all suspect ACMs sampled, including the sample numbers, material description, and location has been provided as **Attachment B**, and a sample location diagram is provided as **Figure 1**.

All bulk sample layers were analyzed by EMSL Analytical, Inc. utilizing the polarized-light microscopy method as specified in *40 CFR Part 763, Section 1, Appendix E, Subpart E*. A copy of the laboratory analytical results is provided as **Attachment C**, and site photos are included in **Attachment D**.

### **DISCUSSION OF FINDINGS**

The Ohio Environmental Protection Agency (OEPA) requires that if regulated ACMs (RACMs) are present in quantities equal to or greater than 50-linear-feet, 50-square-feet, or 35-cubic-feet of facility components, written notification is required prior to asbestos stripping or removal activities, or any other activities that would break up, dislodge, or disturb the asbestos. The notices must include among other things: RACMs which includes friable ACMs; Category I ACMs that have become friable or that will be subjected to sanding, grinding, cutting, or abrading; and Category II ACMs that are either friable or have the potential of becoming friable by being crumbled, pulverized, or reduced to powder by the forces expected to act on the materials in the course of renovation activities. More specifically, ACMs are designated as:

- **Regulated Asbestos-Containing Materials (RACM)** or friable asbestos - are materials that (a) are friable, (b) are Category I non-friable ACMs that have become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, (d) Category II non-friable ACM that has a high probability of becoming friable in the course of demolition or renovation operation.
- **Category I non-friable (Cat. I)** - includes resilient floor coverings, asphalt roofing products, gaskets and packings.
- **Category II non-friable (Cat. II)** - any non-friable ACM that is not in Category I (i.e., Transite siding, cove base, & drywall).

Asbestos-containing materials as defined by the Federal Occupational Safety & Health Administration (OSHA) and the U.S. EPA are materials with an asbestos concentration of greater than 1% (> 1.0%). Based on the results from the inspection and laboratory analysis, the following ACMs were identified:

HA #	Material Description	Material Location	Condition	Category	Asbestos %	Quantity
4	9" x 9" Black with white streaks floor tile and mastic	Central and north areas of concrete structure	Significant Damage	RACM*	3% Chrysotile	65 SF
6	9" x 9" Tan floor tile and mastic	Central and north areas of concrete structure	Significant Damage	RACM*	5% Chrysotile	50 SF

HA= Homogeneous Area; SF = Square feet

\* Considered RACMs for the purposes of demolition due to poor condition

*Although not ACMs as defined by OSHA & U.S. EPA, the gray window caulking, white crack filler, and white window glaze on the concrete structure were found to contain < 0.25% chrysotile. Therefore, any activities that may impact these materials must be conducted in accordance with the OSHA Construction Industry Asbestos Standard 29 CFR 1926.1101 requirements for materials containing < 1% asbestos.*

### CONCLUSIONS

August Mack has completed a pre-demolition asbestos survey of the two (2) structures located at 7640 Lancaster-Newark Road NE, Baltimore, Ohio. The purpose of the survey was to determine if ACMs are present on or within the structures prior to demolition. As presented above, two (2) RACMs were identified in the concrete structure. These materials must be removed from the structure by a licensed asbestos abatement contractor prior to demolition in accordance with all state and federal regulatory requirements.

*Although not ACMs as defined by OSHA & U.S. EPA, the gray window caulking, white crack filler, and white window glaze on the concrete structure were found to contain < 0.25% chrysotile. Therefore, any activities that may impact these materials must be conducted in accordance with the OSHA Construction Industry Asbestos Standard 29 CFR 1926.1101 requirements for materials containing < 1% asbestos.*

August Mack has taken precautions to inspect the structures to identify all suspect ACMs, to the extent practicable. However, the interiors of operating mechanical equipment, energized electrical components, and permit required confined spaces, if present, were excluded from the inspection due to safety concerns.

It should be understood that some hidden ACMs may exist in areas that are impossible to inspect or that were not encountered during this inspection. If identified, these materials should be sampled prior to being impacted by demolition activities or assumed to contain asbestos and be abated in accordance with all state and federal regulatory requirements.

Mr. James Howard

December 9, 2021

We trust that this submittal is responsive to your needs and appreciate the opportunity to provide you with these environmental services. Please feel free to contact us if you have any questions.

Sincerely,



Fred Buescher  
Building Science Manager



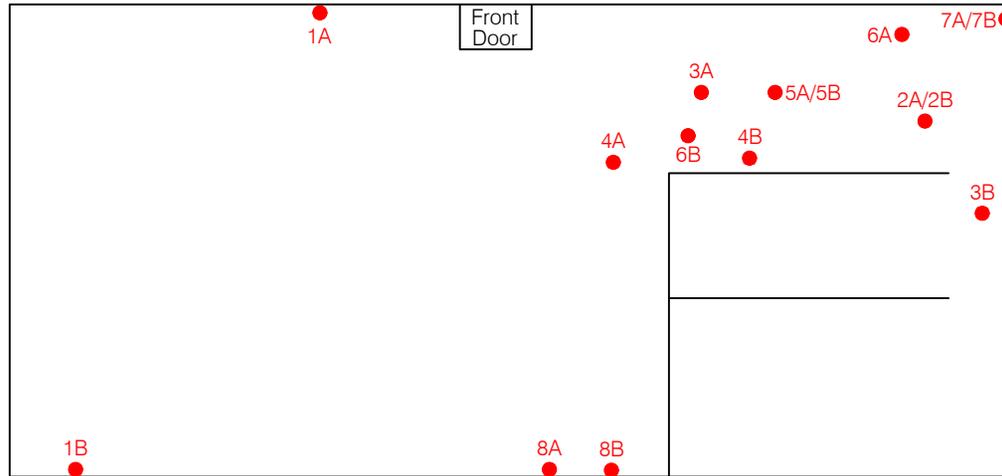
Josh Hanes  
AHES # 544805

Attachments

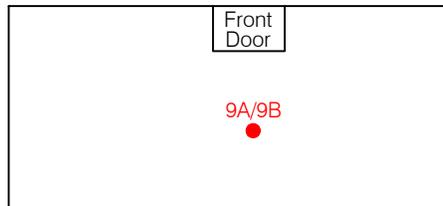
## FIGURES

**Figure 1: Asbestos Sample Location Plan**

Concrete Building



Metal Shed



7830 N CENTRAL DR., SUITE B  
LEWIS CENTER, OHIO 43035

740.548.1500  
740.548.1531 FAX



**Pre-demolition Asbestos Survey**

7640 Lancaster-Newark Road NE  
Baltimore, Ohio

**Sample Location Diagram**

PROJECT No.:	FILENAME:	DATE:
JV2622.731	O:\2021\Projects\JV2622\Figures\ Base.dwg	12/09/2021
DRAWN BY:	MODIFIED BY:	SCALE:
LB	LB	Not To Scale
		FIGURE:
		<b>1</b>

**LEGEND**

● = Asbestos Bulk Sample Location



**ATTACHMENT A**

**Inspector License and Accreditation**

State of Ohio  
Environmental Protection Agency  
Asbestos Program

Asbestos Hazard Evaluation Specialist

Joshua  
Hanes



August Mack Environmental  
7830 North Central Drive, Suite B  
Lewis Center OH 43035

Certification Number    Expiration Date  
**ES544805**                      **1/20/22**

DOB: 12/1/97

Card not Valid  
if Altered

This certification is issued pursuant to Revised Code Chapter 3710 and Ohio Administrative Code Chapter 3745-22.

Your certification card is valid for a period of one (1) year, as indicated by the expiration date on the card.

**Your card must be present on any project site where you are conducting asbestos-related work.**

All questions regarding your certification should be directed to 614-644-0226

If found please return card to:

Ohio EPA, DAPC  
P.O. Box 1049  
Columbus, OH 43216



**ATTACHMENT B**

**Asbestos Bulk Sample Results**

**Asbestos Bulk Sample Results**  
**Concrete and Metal Structures**  
**7640 Lancaster-Newark Road NE, Baltimore, OH**  
**November 23, 2021**

HA	Sample ID	Asbestos %/ Type		Material Description	Material Location
1	1A	<0.25*	Chrysotile	Gray window caulking	Concrete structure
	1B	<0.25*	Chrysotile		
2	2A	<0.25*	Chrysotile	White crack filler	Bewtween wood roof beams in concrete structure
	2B	<0.25*	Chrysotile		
3	3A	ND		Black roofing material	Concrete structure
	3B	ND			
4	4A	3	Chrysotile	9"x9" Black with white streaks floor tile	Concrete structure
	4B	Pos Stop			
5	5A-Floor tile	ND		12"x12" Beige with white streaks floor tile and mastic	Concrete structure
	5A-Mastic	ND			
	5B- Floor tile	ND			
	5B-Mastic	ND			
6	6A- Floor tile	4	Chrysotile	9"x9" Tan floor tile and mastic	Concrete structure
	6A-Mastic	5	Chrysotile		
	6B	Pos Stop			
7	7A-Drywall	ND		Drywall and joint compound	North wall of concrete structure
	7A-Joint compound	ND			
	7B-Drywall	ND			
	7B-Joint compound	ND			
8	8A	<0.25*	Chrysotile	White window glaze	Two small bathroom windows near toilets in concrete structure
	8B	<0.25*	Chrysotile		
9	9A	ND		Flange gaskets	Metal structure
	9B	ND			

HA = Homogeneous Area

Asbestos-containing material (ACM) = greater than 1% (>1%) asbestos

ND = None Detected

Pos.Stop = Positive stop

\* = Sample concentration determined by 400 Point Count Method using PLM

**ATTACHMENT C**

**Laboratory Analytical Results**



# EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250  
Tel/Fax: (317) 803-2997 / (317) 803-3047  
<http://www.EMSL.com> / [indianapolislabs@emsl.com](mailto:indianapolislabs@emsl.com)

**EMSL Order:** 162128072  
**Customer ID:** AUGU51  
**Customer PO:**  
**Project ID:**

**Attention:** Domanic Martin  
August Mack Environmental, Inc.  
7830 N. Central Drive Suite B  
Lewis Center, OH 43035  
**Phone:** (740) 548-1508  
**Fax:**  
**Received Date:** 11/24/2021 1:25 PM  
**Analysis Date:** 11/30/2021 - 12/01/2021  
**Collected Date:** 11/23/2021  
**Project:** JV2622.731

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1A 162128072-0001	Grey Window Caulking	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<1% Chrysotile
			HA: 1		
1B 162128072-0002	Grey Window Caulking	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<1% Chrysotile
			HA: 1		
2A 162128072-0003	White Crack Filler	Tan/Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<1% Chrysotile
			HA: 2		
2B 162128072-0004	White Crack Filler	Tan/Black Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<1% Chrysotile
			HA: 2		
3A 162128072-0005	Black Roofing	Black Fibrous Heterogeneous	20% Cellulose 15% Synthetic	65.0% Non-fibrous (Other)	None Detected
			HA: 3		
3B 162128072-0006	Black Roofing	Black Fibrous Heterogeneous	20% Cellulose 15% Synthetic	65.0% Non-fibrous (Other)	None Detected
			HA: 3		
4A 162128072-0007	Black with White Streaks Floor Tile 9"x9"	Gray/Black Non-Fibrous Homogeneous		97.0% Non-fibrous (Other)	3% Chrysotile
			HA: 4		

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. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 12/01/2021 12:46:26



# EMSL Analytical, Inc.

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Tel/Fax: (317) 803-2997 / (317) 803-3047  
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**EMSL Order:** 162128072  
**Customer ID:** AUGU51  
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Lewis Center, OH 43035  
**Phone:** (740) 548-1508  
**Fax:**  
**Received Date:** 11/24/2021 1:25 PM  
**Analysis Date:** 11/30/2021 - 12/01/2021  
**Collected Date:** 11/23/2021  
**Project:** JV2622.731

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4B 162128072-0008	Black with White Streaks Floor Tile 9"x9"				<b>Positive Stop (Not Analyzed)</b>
HA: 4					
5A-Floor Tile 162128072-0009	Beige with White Streaks Floor Tile 12"x12"	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<b>None Detected</b>
HA: 5					
5A-Mastic 162128072-0009A	Beige with White Streaks Floor Tile 12"x12"	Brown/Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<b>None Detected</b>
HA: 5					
5B-Floor Tile 162128072-0010	Beige with White Streaks Floor Tile 12"x12"	Gray Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<b>None Detected</b>
HA: 5					
5B-Mastic 162128072-0010A	Beige with White Streaks Floor Tile 12"x12"	Brown/Tan Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<b>None Detected</b>
HA: 5					
6A-Floor Tile 162128072-0011	Tan Floor Tile 9"x9"	Tan Non-Fibrous Homogeneous		96.0% Non-fibrous (Other)	<b>4% Chrysotile</b>
HA: 6					
6A-Mastic 162128072-0011A	Tan Floor Tile 9"x9"	Black Non-Fibrous Homogeneous		95.0% Non-fibrous (Other)	<b>5% Chrysotile</b>
HA: 6					

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

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**Fax:**

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**Analysis Date:** 11/30/2021 - 12/01/2021

**Collected Date:** 11/23/2021

**Project:** JV2622.731

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
6B 162128072-0012	Tan Floor Tile 9"x9"				Positive Stop (Not Analyzed)
HA: 6					
7A-Drywall 162128072-0013	Drywall and Joint Compound	Brown/White Fibrous Heterogeneous	10% Cellulose	80% Gypsum 10.0% Non-fibrous (Other)	None Detected
HA: 7					
7A-Joint Compound 162128072-0013A	Drywall and Joint Compound	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
HA: 7					
7B-Drywall 162128072-0014	Drywall and Joint Compound	Brown/White Fibrous Heterogeneous	15% Cellulose	75% Gypsum 10.0% Non-fibrous (Other)	None Detected
HA: 7					
7B-Joint Compound 162128072-0014A	Drywall and Joint Compound	White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	None Detected
HA: 7					
8A 162128072-0015	White Window Glaze	Gray/White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<1% Chrysotile
HA: 8					
8B 162128072-0016	White Window Glaze	Gray/White Non-Fibrous Homogeneous		100.0% Non-fibrous (Other)	<1% Chrysotile
HA: 8					

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 12/01/2021 12:46:26



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August Mack Environmental, Inc.  
7830 N. Central Drive Suite B  
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**Phone:** (740) 548-1508  
**Fax:**  
**Received Date:** 11/24/2021 1:25 PM  
**Analysis Date:** 11/30/2021 - 12/01/2021  
**Collected Date:** 11/23/2021  
**Project:** JV2622.731

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9A 162128072-0017	Gasket	Gray/Tan Fibrous Homogeneous	95% Cellulose	5.0% Non-fibrous (Other)	None Detected
			HA: 9		
9B 162128072-0018	Gasket	Gray/Tan Fibrous Homogeneous	95% Cellulose	5.0% Non-fibrous (Other)	None Detected
			HA: 9		

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<b>Attention:</b> Domanic Martin August Mack Environmental, Inc. 7830 N. Central Drive Suite B Lewis Center, OH 43035	<b>Phone:</b> (740) 548-1508 <b>Fax:</b> <b>Received Date:</b> 11/24/2021 1:25 PM <b>Analysis Date:</b> 11/30/2021 - 12/01/2021 <b>Collected Date:</b> 11/23/2021
<b>Project:</b> JV2622.731	

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk materials via EPA/600 (0513) Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

### Report Comments:

Sample Receipt Date:	11/24/2021	Sample Receipt Time:	1:25 PM
Analysis Completed Date:	12/01/2021	Analysis Completed Time:	12:17 PM

### Analyst(s):

  
 \_\_\_\_\_  
 Alison Pacey PLM (9)

  
 \_\_\_\_\_  
 Ross Matlock PLM (12)

### Samples Reviewed and approved by:

  
 \_\_\_\_\_  
 Asbestos Laboratory Manager  
 or other approved signatory

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[indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order:	162128072
CustomerID:	AUGU51
CustomerPO:	
ProjectID:	

Attn: **Domanic Martin**  
**August Mack Environmental, Inc.**  
**7830 N. Central Drive Suite B**  
**Lewis Center, OH 43035**

Phone: (740) 548-1508  
 Fax:  
 Received: 11/24/2021 01:25 PM  
 Analysis Date: 12/1/2021  
 Collected: 11/23/2021

Project: **JV2622.731**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1A 162128072-0001	Grey Window Caulking	Gray Non-Fibrous Homogeneous	HA: 1	100.00% Non-fibrous (other)	<0.25% Chrysotile
1B 162128072-0002	Grey Window Caulking	Gray Non-Fibrous Homogeneous	HA: 1	100.00% Non-fibrous (other)	<0.25% Chrysotile
2A 162128072-0003	White Crack Filler	Tan/Black Non-Fibrous Homogeneous	HA: 2	100.00% Non-fibrous (other)	<0.25% Chrysotile
2B 162128072-0004	White Crack Filler	Tan/Black Non-Fibrous Homogeneous	HA: 2	100.00% Non-fibrous (other)	<0.25% Chrysotile
8A 162128072-0015	White Window Glaze	Gray/White Non-Fibrous Homogeneous	HA: 8	100.00% Non-fibrous (other)	<0.25% Chrysotile
8B 162128072-0016	White Window Glaze	Gray/White Non-Fibrous Homogeneous	HA: 8	100.00% Non-fibrous (other)	<0.25% Chrysotile

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. Indianapolis, IN NVLAP Lab Code 200188-0

Initial report from 12/01/2021 12:46:31



**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250  
Phone/Fax: (317) 803-2997 / (317) 803-3047  
<http://www.EMSL.com> [indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

EMSL Order: 162128072  
CustomerID: AUGU51  
CustomerPO:  
ProjectID:

Attn: **Domanic Martin**  
**August Mack Environmental, Inc.**  
**7830 N. Central Drive Suite B**  
**Lewis Center, OH 43035**

Phone: (740) 548-1508  
Fax:  
Received: 11/24/2021 01:25 PM  
Analysis Date: 12/1/2021  
Collected: 11/23/2021

Project: **JV2622.731**

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

**Report Comments:**

Sample Receipt Date:: 11/24/2021      Sample Receipt Time: 1:25 PM  
Analysis Completed Date: 12/1/2021      Analysis Completed Time: 12:13 PM

**Analyst(s):**

Alison Pacey PLM 400 Point Count (3)

Ross Matlock PLM 400 Point Count (3)

**Samples reviewed and approved by:**

Asbestos 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. Indianapolis, IN NVLAP Lab Code 200188-0

Initial report from 12/01/2021 12:46:31



EMSL ANALYTICAL INC.  
LABORATORY PRODUCTS TRAINING

# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

162128072

PHONE:  
FAX:

<b>Company Name:</b> August Mack Env.		<b>EMSL Customer ID:</b>	
<b>Street:</b> 7830 N. Central Drive Suite B		<b>City:</b> Lewis Center	<b>State/Province:</b> OHIO
<b>Zip/Postal Code:</b> 43035	<b>Country:</b> U.S.A	<b>Telephone #:</b> 740-548-1500	<b>Fax #:</b>
<b>Report To (Name):</b> Domanic Martin		<b>Please Provide Results:</b> <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
<b>Email Address:</b> dmartin@augustmack.com		<b>Purchase Order:</b>	
<b>Project Name/Number:</b> SV2622.731		<b>EMSL Project ID (Internal Use Only):</b>	
<b>U.S. State Samples Taken:</b> OHIO		<b>CT Samples:</b> <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

**EMSL-Bill to:**  Same  Different - If Bill to is Different note instructions in Comments\*\*  
Third Party Billing requires written authorization from third party

**Turnaround Time (TAT) Options\* -- Please Check**

3 Hour  6 Hour  24 Hour  48 Hour  72 Hour  96 Hour  1 Week  2 Week

\*For TEM Air 3 hr through 6 hr, please call ahead to schedule. \*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

<p><b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY</p> <p><input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA</p> <p><b>PLM - Bulk (reporting limit)</b></p> <p><input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (&lt;1%) <input type="checkbox"/> PLM EPA NOB (&lt;1%)</p> <p>Point Count <input type="checkbox"/> 400 (&lt;0.25%) <input type="checkbox"/> 1000 (&lt;0.1%)</p> <p>Point Count w/Gravimetric <input type="checkbox"/> 400 (&lt;0.25%) <input type="checkbox"/> 1000 (&lt;0.1%)</p> <p><input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (&lt;1%)</p>	<p><b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only)</p> <p><input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312</p> <p><b>TEM - Bulk</b></p> <p><input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5</p> <p><b>TEM - Water:</b> EPA 100.2 Fibers &gt;10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking</p>	<p><b>TEM- Dust</b></p> <p><input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)</p> <p><b>Soil/Rock/Vermiculite*</b></p> <p><input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique <small>*Can not accept New York State Loose Fill Vermiculite Samples</small></p> <p><b>Other:</b> <input type="checkbox"/></p>
--	--	--

Check For Positive Stop - Clearly Identify Homogenous Group **Filter Pore Size (Air Samples):**  0.8µm  0.45µm

**Samplers Name:** ~~Domanic Martin~~ Josh Harep **Samplers Signature:** *Josh Harep*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
1A-1B	Grey Window Caulking	1	11/23/21
2A-2B	White Crack Filler	2	
3A-3B	Black Roofing	3	
4A-4B	Black with white streaks floor tile 9"x9"	4	
5A-5B	Beige with white streaks floor tile 12"x12"	5	
6A-6B	Tan floor tile 9"x9"	6	
7A-7B	Drywall and joint compound	7	✓

**Client Sample # (s):** - **Total # of Samples:**

**Relinquished (Client):** *Josh Harep* **Date:** 11/23/21 **Time:** 1410

**Received (Lab):** *J. Buescher* **Date:** 11/24/21 **Time:** 1250

**Comments/Special Instructions:**  
ALSO EMAIL Fbuescher@augustmack.com



**ATTACHMENT D**

**Site Photographs**



Photo 1 – View of asbestos-containing black floor tile in the concrete structure.



Photo 2 – View of asbestos-containing tan floor tile in concrete structure.



Photo 3 – View of central area of concrete structure looking south.



Photo 4 – View of central area of concrete structure looking northeast.