

# Pre-Demolition Asbestos Survey

Lake County Land Bank  
13070 Lake Drive, Yates Township  
90 East Parkdale Road, Yates Township  
6813 South Esther Road, Pleasant Plains Township  
Baldwin, Michigan 49304

**Prepared By:**

Hamp, Mathews & Associates, Inc.  
Bath, Michigan

**Prepared For:**

Ms. Kim Gunneman  
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**August 13, 2024**



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**APPENDICES (or Attachments)**

- Appendix A Photo Logs
- Appendix B Site Sketches
- Appendix C Laboratory Analytical Results and Chain of Custody (Asbestos)
- Appendix D Inspector and Laboratory Accreditation

## **1.0 INTRODUCTION**

### **1.1 Purpose**

The purpose of this project was to conduct a pre-demolition asbestos containing materials (ACM) and Hazardous Materials Survey on three properties, addressed as 13070 Lake Drive, 90 East Parkdale Road and 6813 South Esther Road Baldwin, Michigan (herein referred to as "Subject Property"). These buildings are expected to be demolished as part of a Blight Elimination Grant by the State Land Bank Authority (SLBA).

### **1.2 Pre-Demolition Asbestos Survey**

The scope of the pre-demolition asbestos survey included the following:

- Review of existing asbestos reports for the building, if available;
- Survey of the specified buildings;
- Identification of visible and accessible suspect asbestos-containing materials (ACMs); and
- Collection and analysis of bulk samples of visible and accessible suspect friable and non-friable materials.

## 2.0 GENERAL SITE CONDITIONS

### 2.1 General Property and Building Information

General property and building information are presented in the following table.

Building/Subject Property Description	
Building Address:	13070 Lake Drive, 90 East Parkdale Road and 6813 South Esther
No. of Buildings:	Five; South Esther has three buildings on the parcel, Lake Drive has one and East Parkdale has one
Current Use:	Former residential houses
Approx. Footprint Size:	1300 SF for 13070 Lake Drive 524 SF for 90 East Parkdale Road 900 SF for 6813 South Esther Road
Approx. Occupied Space:	0%
Original Construction Date:	Unknown
Construction Type:	Block and mortar foundations
Sub-Grade Areas:	All three have crawlspaces
Number of Floors:	All three are single floor buildings

### 2.2 Exterior Finish Description

The exterior finish consists of concrete block and associated mortar, decorative concrete block, vinyl siding, wood siding, and an asphalt shingled roof.

### 2.3 Interior Building Description

The interior of the homes consists of living rooms, bedrooms, bathrooms, kitchens, dining rooms, brick and mortar foundation on a crawlspace

### **3.0 PRE-DEMOLITION ASBESTOS SURVEY**

Hamp, Mathews & Associates, Inc. (HMA) representative, Mr. Joseph Seibert, conducted the pre-demolition asbestos inspection of the Subject Property on July 31, 2024. Mr. Seibert is a State of Michigan Certified Asbestos Inspector, Certification No. A51777. A site sketch identifying general building details is included as Appendix B. The Subject Property buildings were visually inspected for the presence of building materials that are suspected to contain asbestos. Bulk samples of suspect ACMs were collected and placed into individual containers for transport to a National Voluntary Lab Accreditation Program (NVLAP)-accredited laboratory for analysis. Materials typically known as non-asbestos items (i.e. rubber, wood, glass, etc.) were not sampled. The asbestos inspection consisted of the following three basic procedures:

- Conducting a visual inspection of the structures;
- Identifying homogeneous areas (HAs) of suspect asbestos containing materials.
- Sampling accessible, friable and non-friable suspect materials.

#### **3.1 Homogeneous Areas**

Prior to collecting any samples, homogenous areas (HAs) were identified. A homogeneous sampling area can be described as one or more areas of material that are similar in appearance and texture and that have the same apparent installation date, appearance, and function. The actual number of samples collected from each homogeneous sampling area may vary, based on the type of material and professional opinion of the inspector.

#### **3.2 Hazard Assessment Factors**

From the list of suspect homogeneous areas, a physical assessment was performed for each material on the list. A physical assessment includes evaluating the condition, assessing the potential for disturbance, and determining the friability of each material. By definition, "friable" materials are those that can be crumbled or reduced to powder by hand pressure when dry. Each material identified was further classified into one of three categories: surfacing materials, thermal systems insulation (TSI) and miscellaneous materials. Each of the three categories have specific sampling requirements, outlined below.

- **Surfacing Materials:** Refers to spray-applied or trowelled surfaces such as plaster ceilings and walls, fireproofing, textured paints, textured plasters, and spray-applied acoustical surfaces.
- **Thermal System Insulation:** Refers to insulation used to inhibit heat gain or loss on pipes, boilers, tanks, ducts, and various other building components.

Miscellaneous Materials: Refers to friable and non-friable products and materials that do not fit in any of the above two categories such as resilient floor covering, baseboards, mastics, adhesives, roofing material, caulking, glazing, and siding. This category also contains wallboard and ceiling tile.

All materials were assessed related to their condition in one of the three categories: good (intact), fair (damaged) or poor (significantly damaged) per Title 40 Code of Federal Regulations Part 763. Material with localized, significant damage was also assessed as poor.

### 3.3 Laboratory Analytical Methodology

Bulk samples were analyzed by ETL Environmental Testing Laboratories, 37575 West Huron River Drive, Romulus, Michigan 48174, using polarized-light microscopy (PLM) and dispersion staining (Method Reference: 40 CFR Part 763, Volume 47, No. 103, May 27, 1982, pg. 23376). This laboratory participates in the National Voluntary Laboratory Accreditation Program (NVLAP #201028-0), a quality assurance program for PLM analysis, and is accredited by the National Institute of Standards and Technology (NIST) as well as accreditation requirements under 15 CFR Part 25.

Copies of the laboratory analytical report and corresponding chain-of-custody forms are included in Appendix B. Positive sample results are reported in percent asbestos by volume of the sample and the type of asbestos material within the sample. Other common non-asbestos components may also be noted in the analytical reports. Inspector and laboratory accreditations are provided in Appendix C.

### 3.4 ACM Sampling Results

Lake County Land Bank 13070 Lake Drive Baldwin, Michigan						
Sample ID	Material	Description	Location	Friable Y/N	Asbestos Content	Quantity
1-RM-A,B,C	Roofing material	Asphalt Shingles	Roof	N	ND	NA
2-WG-A,B,C	Window Glaze	Thin and black	Camper windows	N	ND	NA
3-EC-A,B,C	Exterior caulk	White/Tan/Stiff	Exterior Walls and wood and fiberboard	N	ND	NA
4-BM-A,B,C	Brick mortar	Gray	Steps	N	ND	NA

5-CC-A,B,C	Concrete Chip	Gray	Front Steps	N	ND	NA
6-CC-A,B,C	Concrete Chip	Gray	Flatwork	N	ND	NA
7-BM-A,B,C	Brick mortar	Gray	Retaining Wall	N	PC- ND	NA
8-VP-A,B,C	Vapor paper	White	Exterior Walls	N	ND	NA
9-MLF-A,B,C	Multi layered flooring	Multi layered Flooring	Camper portion of house	N	PC-.25% Chrysotile	400 SF
10-FT-A,B,C	Floor tile	12x12 Brown tan square pattern	Front Living room	N	ND	NA
11-FS-A,B,C	Floor sheeting	red brown brick pattern	Rear bedrooms and Hallways	N	ND	NA
12-CB-A,B,C	Cove base	4" brown	Throughout	N	ND	NA
13-CT-A,B,C	Ceiling tile	12x12 White gauged	Rear bedrooms and hallways	Y	ND	NA
14-CP-A,B,C	Ceiling panel	yellow 2x4	Front living room	Y	ND	NA
15-IC-A,B,C	Interior caulk	White	Front and rear additions	N	ND	NA
16-CA-A,B,C	Carpet adhesive	Black	Front living room	Y	ND	NA
17-CC-A,B,C	Concrete Chip	Gray	Crawlspace Floor	N	ND	NA
18-FT-A,B,C	Floor tile	12x12 Light brown wood pattern	Front living room	N	PC-ND	NA
19-EC-A,B,C	Exterior caulk	Thick tan and rubbery	Seam of camper to additions; exterior walls	N	ND	NA
20-CP-A,B,C	Ceiling panel	Debris pile	Under rear deck	Y	ND	NA



21-FB-A,B,C	Fiber Board panels	Brown fibrous	Exterior walls	Y	ND	NA
22-RI-A,B,C	Rolled in insulation	Pink with paper	Walls and Ceilings	Y	ND	NA
23-EC-A,B,C	Exterior caulk	Clear	Exterior of old camper	N	ND	NA
24-EC-A,B,C	Exterior caulk	Gray	Electrical Penetrations	N	ND	NA
25-CC-A,B,C	Concrete Chip	Gray	Rear Steps	N	ND	NA
26-BM-A,B,C	Brick mortar	Gray	Foundation Walls	N	ND	NA
27-CB-A,B,C	Cove Base	3" Brown/Black	Rear bathroom and utility	N	ND	NA

Lake County Land Bank 90 East Parkdale Road Baldwin, Michigan						
Sample ID	Material	Description	Location	Friable Y/N	Asbestos Content	Quantity
1-RM-A,B,C	Roofing Material	Asphalt Shingles	Roof	N	ND	NA
<b>2-WG-A,B,C</b>	<b>Window Glaze</b>	<b>White; Brittle</b>	<b>Exterior walls</b>	<b>Y</b>	<b>2% Chrysotile</b>	<b>5 Windows</b>
3-CC-A,B,C	Concrete Chip	Gray, Hard	Foundation	N	ND	NA
4-BM-A,B,C	Brick mortar	Gray, hard	Exterior Walls	N	ND	NA

Lake County Land Bank 6813 South Eshter Baldwin, Michigan						
Sample ID	Material	Description	Location	Friable Y/N	Asbestos Content	Quantity
1-AS-A,B,C	Asphalt Siding	Green	Rear Shed	N	ND	NA
<b>2-RM-A,B,C</b>	<b>Roofing material</b>	<b>Asphalt Shingles</b>	<b>Rear Shed</b>	<b>N</b>	<b>2% Chrysotile</b>	<b>200 SF</b>
3-WG-A,B,C	Window Glaze	White/Stiff	Rear Shed	Y	PC- .25% Chrysotile	1 Window
<b>4-EC-A,B,C</b>	<b>Exterior Caulk</b>	<b>White/Tan</b>	<b>Small House</b>	<b>N</b>	<b>PC- 1.75% Chrysotile</b>	<b>200 LF</b>
5-BM-A,B,C	Brick mortar	Gray	Small House	N	ND	NA
6-WBS-A,B,C	Wall board system	White	Small House	Y	ND	NA
7-RM-A,B,C	Roofing material	Asphalt Shingles	Small House	N	ND	NA
8-VP-A,B,C	Vapor paper	Black	Small House exterior	Y	ND	NA
9-BM-A,B,C	Brick mortar	Gray	Small house Debris in rear	N	ND	NA
10-FB-A,B,C	Fiber board	Brown fibrous	Small house exterior	N	ND	NA
11-VP-A,B,C	Vapor paper	White	Small house interior	Y	ND	NA
12-CT-A,B,C	Ceiling tile	12x12 White	Small house interior	Y	ND	NA
<b>13-WG-A,B,C</b>	<b>Window Glaze</b>	<b>White/Stiff</b>	<b>Small house Exterior</b>	<b>Y</b>	<b>PC- 1.25% Chrysotile</b>	<b>4 WINDOWS</b>
14-RI-A,B,C	Rolled in insulation	Pink with foil backing	Small house Interior	Y	ND	NA
15-CA-A,B,C	Construction adhesive	Tan	Small house	N	ND	NA

			Debris in rear			
16-RI-A,B,C	Rolled in insulation	Pink with no backing	Exterior Debris	Y	ND	NA

## 4.0 HAZARDOUS MATERIALS SURVEY

### 4.1 Regulated materials and universal wastes

In addition, HMA completed a Hazardous Material Survey to identify any universal wastes or other regulated materials that will require removal prior to demolition, including but not limited to: fluorescent lamps/fixtures; smoke/fire detectors; emergency lighting and "Exit" signs; thermostats; fire extinguishers; E-Wastes; and CFC containing equipment. Below is the amount found at each property. Note; 90 East Parkdale was not entered due to unsafe conditions and the regulated materials and universal wastes could not be verified.

Regulated Material and Universal Wastes			
	<b>13070 Lake Drive</b>	<b>90 East Parkdale</b>	<b>6813 South Esther</b>
Above Ground Storage Tanks	1 in crawlspace	N/A Unsafe to enter	None observed
Underground Storage Tanks	None observed	N/A Unsafe to enter	None observed
CFC's (AC units/refrigerators/freezer)	1 in camper kitchen	N/A Unsafe to enter	None observed
Batteries	None observed	N/A Unsafe to enter	None observed
Televisions and Computers	One in rear addition bedroom	N/A Unsafe to enter	None observed
Automobiles, lawn mowers, snow blowers	None observed	N/A Unsafe to enter	None observed
Exit Signs	None observed	N/A Unsafe to enter	None observed
Leaded Glass	None observed	N/A Unsafe to enter	None observed
Light bulbs (Fluorescent)	1 in kitchen	N/A Unsafe to enter	None observed
Paint cans and Solvents	12 random sized in crawlspace	N/A Unsafe to enter	None observed
Smoke Detectors	None observed	N/A Unsafe to enter	None observed
Thermostats	1 in rear addition	N/A Unsafe to enter	None observed

Natural Gas Regulator	None observed	N/A Unsafe to enter	None observed
Tires	5 in the yard	N/A Unsafe to enter	15 in the yard
Gas and Propane tanks	4 in the crawlspace	N/A Unsafe to enter	None observed

## **5.0 CONCLUSIONS AND RECOMMENDATIONS**

### **5.1 Asbestos-Containing Materials**

HMA representative, Mr. Joe Seibert, completed the pre-demolition asbestos survey for 13070 Lake Drive, 90 East Parkdale and 6813 South Esther, Baldwin, Michigan on July 31, 2024


One hundred and seventy-five (175) asbestos bulk samples, from forty-seven (47) homogenous areas, were collected and submitted for analysis by PLM. The results of laboratory testing during the pre-demolition asbestos survey conducted at the Subject Properties indicate that four (4) of the materials sampled were found to contain asbestos. The roofing system was included in the scope of work. Two (2) materials were found to contain .25% and .75% asbestos, which is just below the 1% to be considered asbestos containing.

If any additional materials are discovered during renovation/demolition activities, such materials must be assumed to contain asbestos until sampling and analysis proves otherwise.

## 6.0 SIGNATURES

This report is prepared for the express use and benefit of Lake County Land Bank, its agents and employees. The information in this report or portions thereof may be required to be included in notifications to employees, contractors or other visitors to the buildings. This report is not intended to be used by the owner or its agents as a specification or work plan for any of the work suggested or recommended in the report. This report is based upon conditions observed at the Subject Property and information made available to the surveyor on the above-mentioned date. This report does not intend to identify all hazards, nor to indicate that other hazards do not exist at the premises. HMA made their best effort to determine the location of inaccessible ACM's. HMA shall not be responsible for identifying all ACM's located behind walls and/or columns, beneath flooring, above solid ceilings, underground or any other inaccessible areas. If material is found during the course of demolition that is not listed in this asbestos report the material should be assumed as asbestos containing until it can be sampled by a licensed building inspector and analyzed at a laboratory.

The following individuals of Hamp, Mathews & Associates, Inc., have certified this report:



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248-249-0825

## Appendix A



**Photograph #1**



Front View of House

**Photograph #2**



Left View of House

**Photograph #3**



Rear View of House

**Photograph #4**



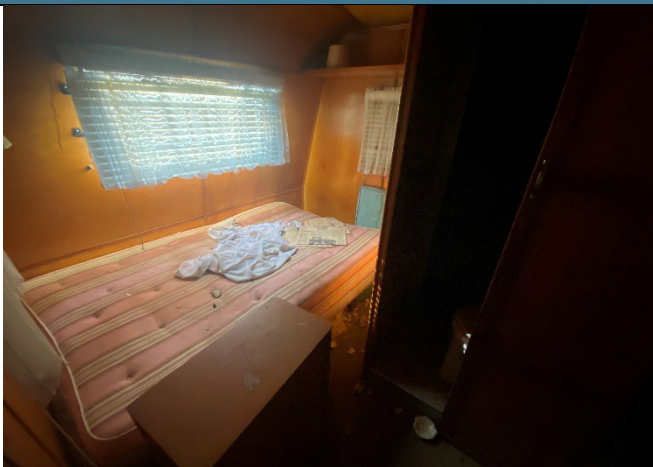
Right view of House

**Photograph #5**



Front Living Room

**Photograph #6**



Small room in camper portion of house

**Photograph #7**



Kitchen area of camper portion

**Photograph #8**



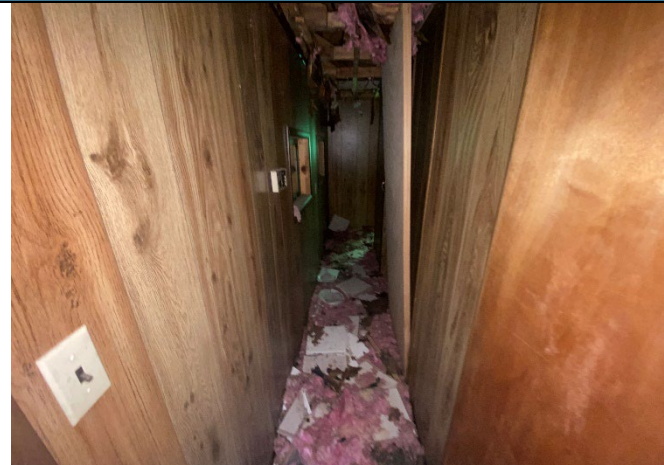
Dining area of camper portion

**Photograph #9**



Rear bedroom

**Photograph #10**



Rear addition hallway

**Photograph #11**



Rear bathroom

**Photograph #12**



Rear Bedroom

**Photograph #13**



Rear utility room

**Photograph #14**



Attic

**Photograph #15**



Rear deck

**Photograph #16**



Camper portion sticking out

**Photograph #17**



Crawlspace

**Photograph #1**



Burnt front building on property

**Photograph #2**



Front view of small house

**Photograph #3**



Right view of small house

**Photograph #4**



Left view of small house

**Photograph #5**



Rear view of small house

**Photograph #6**



View of Shed

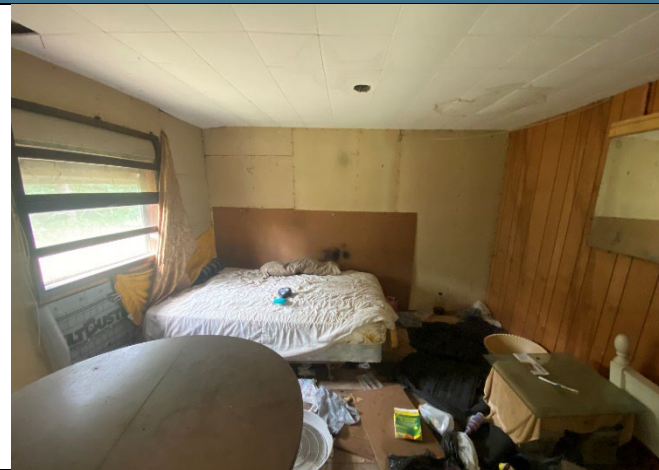


**Photograph #7**



Inside shed

**Photograph #8**



Inside small house

**Photograph #9**



Crawlspace under house

**Photograph #1**



Front View

**Photograph #2**



Left View

**Photograph #3**



Rear View

**Photograph #4**



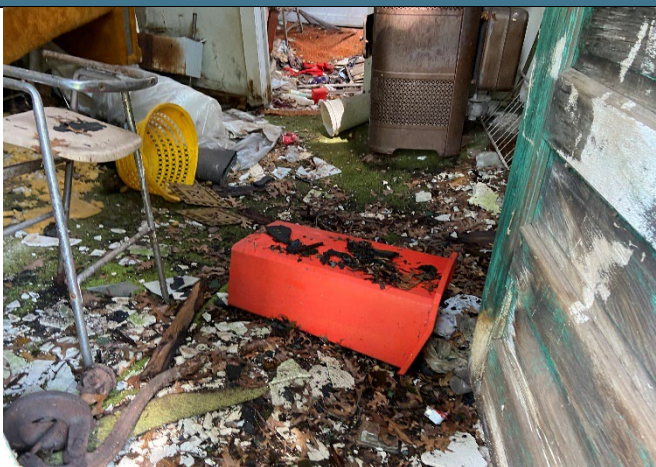
Right View

**Photograph #5**



Heater in house

**Photograph #6**



Floors Collapsing

**Photograph #7**



Floors Collapsing

**Photograph #8**



Floors Collapsing

**Photograph #9**



Floors collapsing

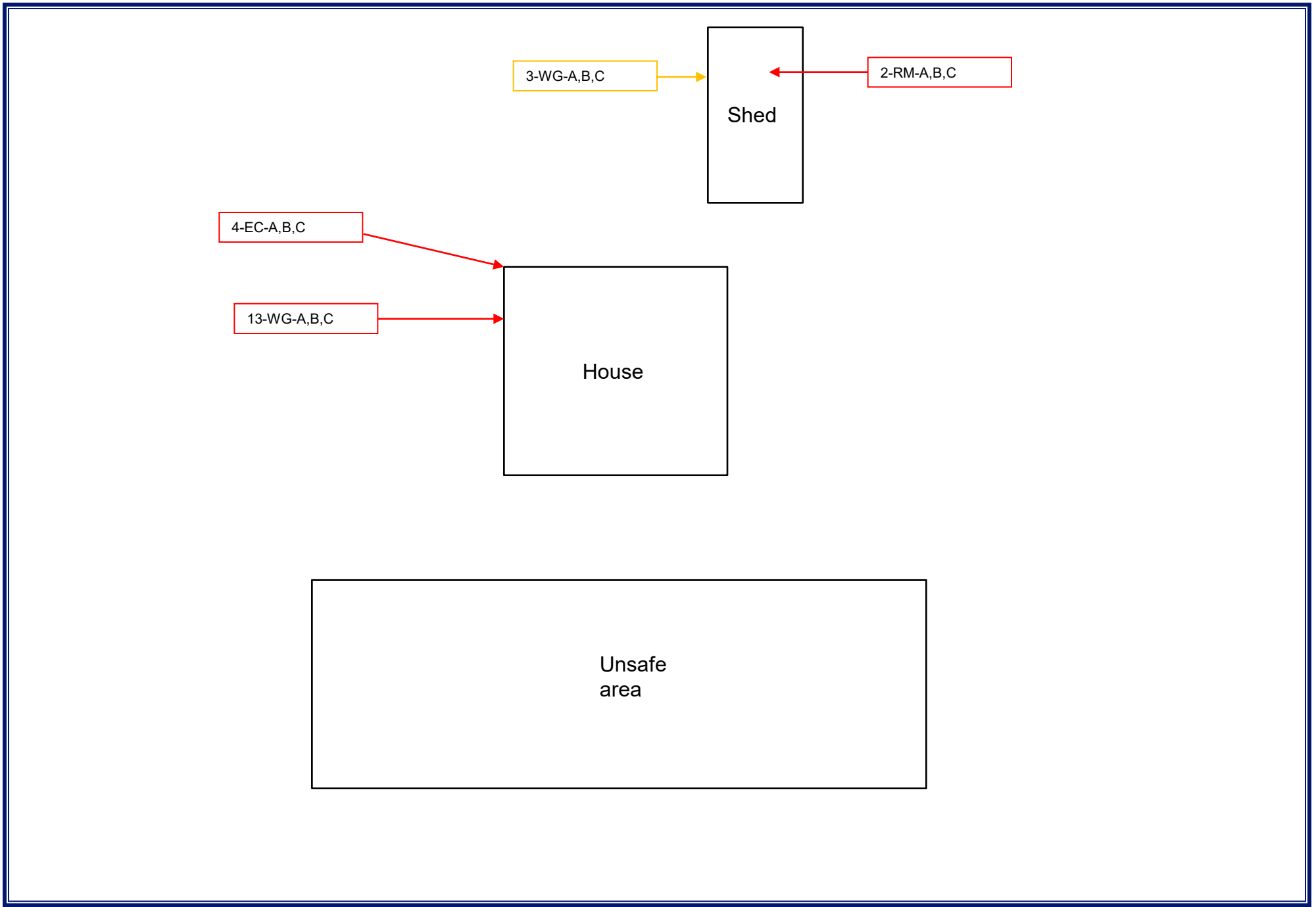
## Appendix B



**ASBESTOS BULK SAMPLING  
SAMPLE LOCATION DIAGRAM**

**13070 Park Road**

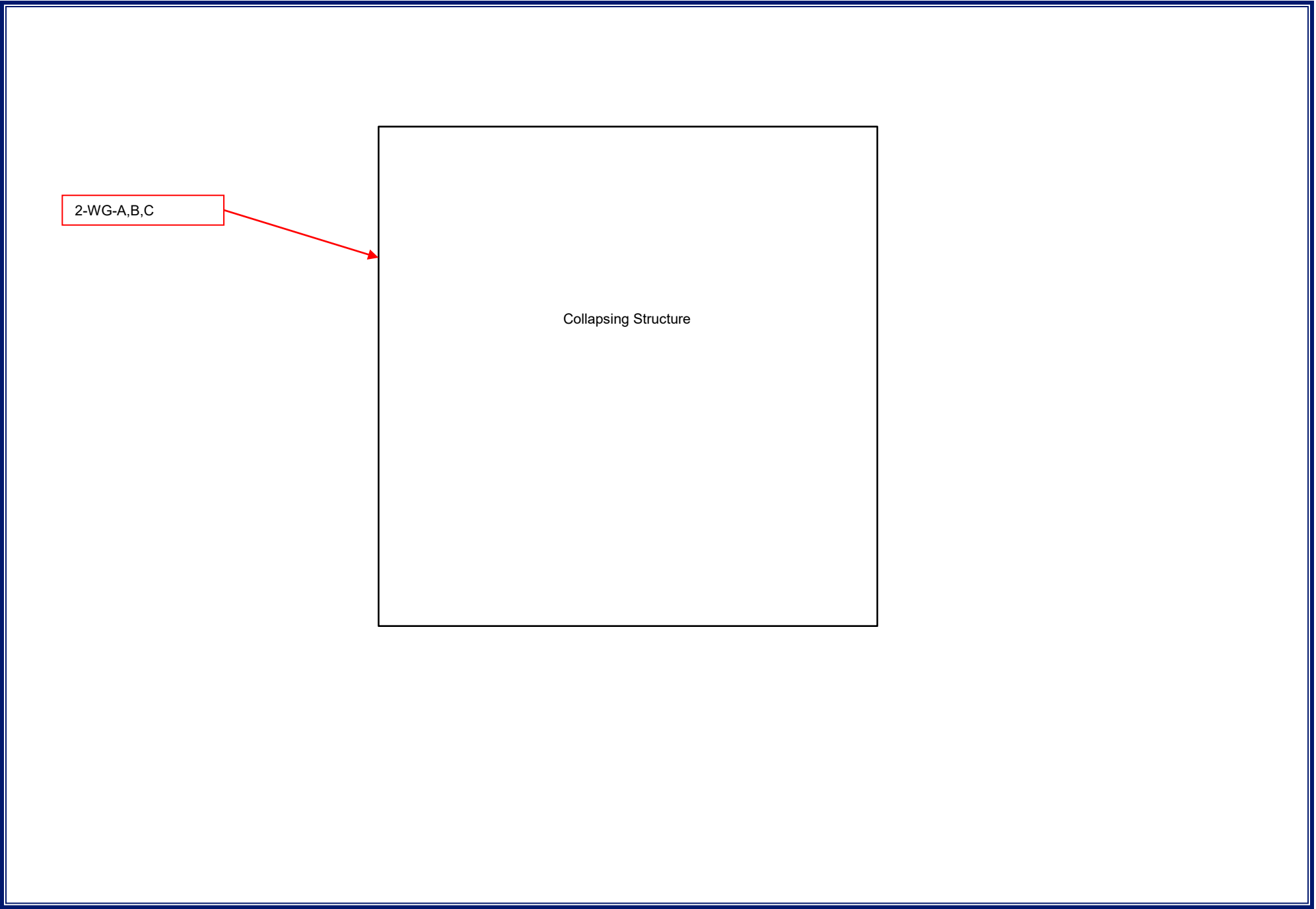
**Original camper has two additions built on the front and the rear. A crawlspace was built around and under the camper and additions.**



**ASBESTOS BULK SAMPLING  
SAMPLE LOCATION DIAGRAM**

**6813 South Esther Road**

**Front building unsafe to enter.  
Significant fire damage**



**ASBESTOS BULK SAMPLING  
SAMPLE LOCATION DIAGRAM**

**90 Parkdale Road**

**Parkdale unsafe to enter the building.  
Floors, walls and ceilings have begun to  
collapse**



## Appendix C

# ENVIRONMENTAL TESTING LABORATORIES

Chain of Custody



37575 W Huron River Drive  
Romulus, Michigan 48174  
(734) 955-6600  
Fax: (734) 992-2261  
www.2etl.com

Hamp Mathews and Associates Address: 15266 Ann Drive Bath MI 48808		Contact: Joe Seibert Phone: 989-370-3778 Fax: E-mail: jseibert@hampmathews.com	ETL Project #: <b>271420</b> Project Location/Name: Lake Road, Baldwin Michigan (Lake County Land Bank) PO # 84-06 Date Sampled: 7/31/2024
Please Provide Results: <input type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Verbal <input type="checkbox"/> Other			

Turnaround Time (TAT): <input checked="" type="checkbox"/> Rush (2 hrs) <input type="checkbox"/> Same Day <input type="checkbox"/> 24 hrs <input type="checkbox"/> 48 hrs <input type="checkbox"/> 72 hrs <input checked="" type="checkbox"/> Standard (5 days) <small>(If not checked, standard TAT will be assumed) TAT Based on Business Hours Monday-Friday   *Rush unavailable for Soot/Char/Ash % analysis. Limited TATs available for large volume.</small>	
Sample Type (Check Only One)	
Asbestos: Bulk (PLM) <input type="checkbox"/> Bulk (TEM) <input type="checkbox"/> Dust <input type="checkbox"/> Air (PCM) <input type="checkbox"/> Air (TEM) <input type="checkbox"/> Mold: <input type="checkbox"/> Tape <input type="checkbox"/> Bulk <input type="checkbox"/> Air-O-Cell <input type="checkbox"/> Air <input type="checkbox"/> Other <input type="checkbox"/> Nuisance Dust <input type="checkbox"/>	
Combustion Tape: Basic: Total Combustion Particles <input type="checkbox"/> Advanced: Soot/Char/Ash % <input type="checkbox"/> 3M * Scotch™ Magic Tape is required for combustion analysis	
Asbestos Analysis Information (Check all that Apply)	
Stop at 1st Point: <input checked="" type="radio"/> Yes <input type="radio"/> No (Clearly mark each homogeneous area)	
Point Counting: <input checked="" type="radio"/> / <input type="radio"/> No <input type="radio"/> 100 Points <input type="radio"/> 1000 Points	
<input type="checkbox"/> *Gravimetric Reduction <input type="checkbox"/> *Soil or Vermiculite Analysis	
See Special Instructions	
<small>* Additional charge and turnaround may be required</small>	

1694

Lab ID	Sample ID	Material or Sample Description	Sample Location	Quantity
138	1-RM-A	Roofing material	Roof	
139	1-RM-B	Roofing material	Roof	
140	1-RM-C	Roofing material	Roof	
141	2-WG-A	Window Glaze	Camper Windows	
142	2-WG-B	Window Glaze	Camper Windows	
143	2-WG-C	Window Glaze	Camper Windows	
144	3-EC-A	Exterior caulk; White/Tan/Stiff	Exterior walls and wood and fiberboard	
145	3-EC-B	Exterior caulk; White/Tan/Stiff	Exterior walls and wood and fiberboard	
146	3-EC-C	Exterior caulk; White/Tan/Stiff	Exterior walls and wood and fiberboard	
147	4-BM-A	Brick mortar	Steps	
148	4-BM-B	Brick mortar	Steps	
149	4-BM-C	Brick mortar	Steps	

Relinquished (Name/Organization): Joe Seibert/Hamp Mathews and Associates	Date: 8/1/2024	Time: 4:00 PM
Received (Name/ETL): <i>[Signature]</i>	Date: 8/1/2024	Time: 9:12 AM
Stereoscopic/Sample Analysis (Name/ETL): <i>[Signature]</i>		
Special Instructions: Composite Wallboard system if any layer is greater than 1%. Point count plaster samples trace-3%. Point count all samples trace-1%		
Remarks:		

\*\*In order to ensure results by specified TAT, the lab must be emailed/called with the quantity of samples to be shipped or dropped off  
\*\*Rushes are not accepted after 3:00 PM and Same Days are not accepted after 2:00 PM

# ENVIRONMENTAL TESTING LABORATORIES

## Chain of Custody



37575 W Huron River Drive  
Romulus, Michigan 48174  
(734) 955-6600  
Fax: (734) 992-2261  
www.2etl.com

ETL Project #:  
271420

*Additional Pages of the Chain of Custody are only necessary if needed for additional sample information*

Lab ID	Sample ID	Material Description	Sample Location	Quantity
150	5-CC-A	Concrete Chip	Front Steps	
151	5-CC-B	Concrete Chip	Front Steps	
152	5-CC-C	Concrete Chip	Front Steps	
153	6-CC-A	Concrete Chip	Flat work	
154	6-CC-B	Concrete Chip	Flat work	
155	6-CC-C	Concrete Chip	Flat work	
156	7-BM-A	Brick mortar	Retaining walls	
157	7-BM-B	Brick mortar	Retaining walls	
158	7-BM-C	Brick mortar	Retaining walls	
159	8-VP-A	Vapor paper;white	Exterior walls	
160	8-VP-B	Vapor paper;white	Exterior walls	
161	8-VP-C	Vapor paper;white	Exterior walls	
162	9-MLF-A	Multi layered flooring	Camper portion of house	
163	9-MLF-B	Multi layered flooring	Camper portion of house	
164	9-MLF-C	Multi layered flooring	Camper portion of house	
165	10-FT-A	Floor tile; 12x12 Brown tan square pattern	Front Living Room	
166	10-FT-B	Floor tile; 12x12 Brown tan square pattern	Front Living Room	
167	10-FT-C	Floor tile; 12x12 Brown tan square pattern	Front Living Room	
168	11-FS-A	Floor sheeting red brown brick pattern	Rear bedrooms and hallways	
169	11-FS-B	Floor sheeting red brown brick pattern	Rear bedrooms and hallways	
170	11-FS-C	Floor sheeting red brown brick pattern	Rear bedrooms and hallways	
171	12-CB-A	Cove base 4" brown	Throughout	
172	12-CB-B	Cove base 4" brown	Throughout	
173	12-CB-C	Cove base 4" brown	Throughout	
174	13-CT-A	Ceiling tile; 12x12 White gauged	Rear bedrooms and hallways	
175	13-CT-B	Ceiling tile; 12x12 White gauged	Rear bedrooms and hallways	
176	13-CT-C	Ceiling tile; 12x12 White gauged	Rear bedrooms and hallways	

# ENVIRONMENTAL TESTING LABORATORIES

## Chain of Custody



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(734) 955-6600  
Fax: (734) 992-2261  
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ETL Project #:  
271420

*Additional Pages of the Chain of Custody are only necessary if needed for additional sample information*

Lab ID	Sample ID	Material Description	Sample Location	Quantity
177	14-CP-A	Ceiling panel; yellow 2x4	Front living room	
178	14-CP-B	Ceiling panel; yellow 2x4	Front living room	
179	14-CP-C	Ceiling panel; yellow 2x4	Front living room	
180	15-IC-A	Interior caulk; White	Front and rear additions	
181	15-IC-B	Interior caulk; White	Front and rear additions	
182	15-IC-C	Interior caulk; White	Front and rear additions	
183	16-CA-A	Carpet adhesive; black	Front living room	
184	16-CA-B	Carpet adhesive; black	Front living room	
185	16-CA-C	Carpet adhesive; black	Front living room	
186	17-CC-A	Concrete Chip	Crawlspace floor	
187	17-CC-B	Concrete Chip	Crawlspace floor	
188	17-CC-C	Concrete Chip	Crawlspace floor	
189	18-FT-A	Floor tile 12x12 Light brown wood pattern	Front living room	
190	18-FT-B	Floor tile 12x12 Light brown wood pattern	Front living room	
191	18-FT-C	Floor tile 12x12 Light brown wood pattern	Front living room	
192	19-EC-A	Exterior caulk; thick tan and rubbery	Seam of camper to additions; exterior walls	
193	19-EC-B	Exterior caulk; thick tan and rubbery	Seam of camper to additions; exterior walls	
194	19-EC-C	Exterior caulk; thick tan and rubbery	Seam of camper to additions; exterior walls	
195	20-CP-A	Ceiling panel; Debris pile	Under rear deck	
196	20-CP-B	Ceiling panel; Debris pile	Under rear deck	
197	20-CP-C	Ceiling panel; Debris pile	Under rear deck	
198	21-FB-A	Fiber Board panels	Exterior walls	
199	21-FB-B	Fiber Board panels	Exterior walls	
200	21-FB-C	Fiber Board panels	Exterior walls	
201	22-RI-A	Rolled in insulation; Pink with paper	Walls and Ceilings	
202	22-RI-B	Rolled in insulation; Pink with paper	Walls and Ceilings	
203	22-RI-C	Rolled in insulation; Pink with paper	Walls and Ceilings	

# ENVIRONMENTAL TESTING LABORATORIES

## Chain of Custody



37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600  
 Fax: (734) 992-2261  
 www.2etl.com

ETL Project #: 271420

*Additional Pages of the Chain of Custody are only necessary if needed for additional sample information*

Lab ID	Sample ID	Material Description	Sample Location	Quantity
<u>204</u>	23-EC-A	Exterior caulk; Clear	Exterior of old canner	
<u>205</u>	23-EC-B	Exterior caulk; Clear	Exterior of old canner	
<u>206</u>	23-EC-C	Exterior caulk; Clear	Exterior of old canner	
<u>207</u>	24-EC-A	Exterior caulk; Gray	Electrical Penetrations	
<u>208</u>	24-EC-B	Exterior caulk; Gray	Electrical Penetrations	
<u>209</u>	24-EC-C	Exterior caulk; Gray	Electrical Penetrations	
<u>210</u>	25-CC-A	Concrete Chip	Rear Steps	
<u>211</u>	25-CC-B	Concrete Chip	Rear Steps	
<u>212</u>	25-CC-C	Concrete Chip	Rear Steps	
<u>213</u>	26-BM-A	Brick mortar	Foundation Walls	
<u>214</u>	26-BM-B	Brick mortar	Foundation Walls	
<u>215</u>	26-BM-C	Brick mortar	Foundation Walls	
<u>216</u>	27-CB-A	Cove Base 3" Brown/Black	Rear Bathroom and Utility	
<u>217</u>	27-CB-B	Cove Base 3" Brown/Black	Rear Bathroom and Utility	
<u>218</u>	27-CB-C	Cove Base 3" Brown/Black	Rear Bathroom and Utility	
<u> </u>				



**To:** Hamp Matthews & Associates  
15266 Ann Drive  
Bath, MI 48808

**ETL Job:** 271420  
**Client Project:** 84-06

**Attention:** Joseph Seibert  
**Project Location:** Lake Road, Baldwin, MI  
Lake County Land Bank


Lab Sample Number	Client Sample Number	Sample Type	Completed
1694138	1-RM-A	Asbestos	08/09/2024
1694139	1-RM-B	Asbestos	08/09/2024
1694140	1-RM-C	Asbestos	08/09/2024
1694141	2-WG-A	Asbestos	08/09/2024
1694142	2-WG-B	Asbestos	08/09/2024
1694143	2-WG-C	Asbestos	08/09/2024
1694144	3-EC-A	Asbestos	08/09/2024
1694145	3-EC-B	Asbestos	08/09/2024
1694146	3-EC-C	Asbestos	08/09/2024
1694147	4-BM-A	Asbestos	08/09/2024
1694148	4-BM-B	Asbestos	08/09/2024
1694149	4-BM-C	Asbestos	08/09/2024
1694150	5-CC-A	Asbestos	08/09/2024
1694151	5-CC-B	Asbestos	08/09/2024
1694152	5-CC-C	Asbestos	08/09/2024
1694153	6-CC-A	Asbestos	08/09/2024

Lab Sample Number	Client Sample Number	Sample Type	Completed
1694154	6-CC-B	Asbestos	08/09/2024
1694155	6-CC-C	Asbestos	08/09/2024
1694156	7-BM-A	Asbestos	08/09/2024
1694157	7-BM-B	Asbestos	08/09/2024
1694158	7-BM-C	Asbestos	08/09/2024
1694159	8-VP-A	Asbestos	08/09/2024
1694160	8-VP-B	Asbestos	08/09/2024
1694161	8-VP-C	Asbestos	08/09/2024
1694162	9-MLF-A	Asbestos	08/09/2024
1694163	9-MLF-B	Asbestos	08/09/2024
1694164	9-MLF-C	Asbestos	08/09/2024
1694165	10-FT-A	Asbestos	08/09/2024
1694166	10-FT-B	Asbestos	08/09/2024
1694167	10-FT-C	Asbestos	08/09/2024
1694168	11-FS-A	Asbestos	08/09/2024
1694169	11-FS-B	Asbestos	08/09/2024
1694170	11-FS-C	Asbestos	08/09/2024
1694171	12-CB-A	Asbestos	08/09/2024
1694172	12-CB-B	Asbestos	08/09/2024
1694173	12-CB-C	Asbestos	08/09/2024
1694174	13-CT-A	Asbestos	08/09/2024
1694175	13-CT-B	Asbestos	08/09/2024
1694176	13-CT-C	Asbestos	08/09/2024
1694177	14-CP-A	Asbestos	08/09/2024
1694178	14-CP-B	Asbestos	08/09/2024
1694179	14-CP-C	Asbestos	08/09/2024

Lab Sample Number	Client Sample Number	Sample Type	Completed
1694180	15-IC-A	Asbestos	08/09/2024
1694181	15-IC-B	Asbestos	08/09/2024
1694182	15-IC-C	Asbestos	08/09/2024
1694183	16-CA-A	Asbestos	08/09/2024
1694184	16-CA-B	Asbestos	08/09/2024
1694185	16-CA-C	Asbestos	08/09/2024
1694186	17-CC-A	Asbestos	08/09/2024
1694187	17-CC-B	Asbestos	08/09/2024
1694188	17-CC-C	Asbestos	08/09/2024
1694189	18-FT-A	Asbestos	08/09/2024
1694190	18-FT-B	Asbestos	08/09/2024
1694191	18-FT-C	Asbestos	08/09/2024
1694192	19-EC-A	Asbestos	08/09/2024
1694193	19-EC-B	Asbestos	08/09/2024
1694194	19-EC-C	Asbestos	08/09/2024
1694195	20-CP-A	Asbestos	08/09/2024
1694196	20-CP-B	Asbestos	08/09/2024
1694197	20-CP-C	Asbestos	08/09/2024
1694198	21-FB-A	Asbestos	08/09/2024
1694199	21-FB-B	Asbestos	08/09/2024
1694200	21-FB-C	Asbestos	08/09/2024
1694201	22-RI-A	Asbestos	08/09/2024
1694202	22-RI-B	Asbestos	08/09/2024
1694203	22-RI-C	Asbestos	08/09/2024
1694204	23-EC-A	Asbestos	08/09/2024
1694205	23-EC-B	Asbestos	08/09/2024



Lab Sample Number	Client Sample Number	Sample Type	Completed
1694206	23-EC-C	Asbestos	08/09/2024
1694207	24-EC-A	Asbestos	08/09/2024
1694208	24-EC-B	Asbestos	08/09/2024
1694209	24-EC-C	Asbestos	08/09/2024
1694210	25-CC-A	Asbestos	08/09/2024
1694211	25-CC-B	Asbestos	08/09/2024
1694212	25-CC-C	Asbestos	08/09/2024
1694213	26-BM-A	Asbestos	08/09/2024
1694214	26-BM-B	Asbestos	08/09/2024
1694215	26-BM-C	Asbestos	08/09/2024
1694216	27-CB-A	Asbestos	08/09/2024
1694217	27-CB-B	Asbestos	08/09/2024
1694218	27-CB-C	Asbestos	08/09/2024

Reviewed by:   
Emily Schroeder

**Summary**

Method	Sample	Layer	Mastic
PLM	94	9	
Point Count	9		

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694138 1-RM-A Roof Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Roofing Material	Black Fibrous Homogenous	PLM 13% Fiberglass	PLM 87% Other	PLM None Detected
1694138 1-RM-A Roof Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Membrane	Black Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694139 1-RM-B Roof Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Roofing Material	Black Fibrous Homogenous	PLM 16% Fiberglass	PLM 84% Other	PLM None Detected
1694139 1-RM-B Roof Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Membrane	Black Non-Fibrous Homogenous	PLM 8% Cellulose	PLM 92% Other	PLM None Detected
1694140 1-RM-C Roof Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Roofing Material	Black Fibrous Homogenous	PLM 17% Fiberglass	PLM 83% Other	PLM None Detected
1694140 1-RM-C Roof Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Membrane	Black Non-Fibrous Homogenous	PLM 6% Cellulose	PLM 94% Other	PLM None Detected

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# Certificate of Analysis

**Environmental Testing Laboratories, Inc.**  
 37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694141 2-WG-A Camper Windows Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Window Glaze	Green Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694142 2-WG-B Camper Windows Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Window Glaze	Green Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694143 2-WG-C Camper Windows Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Window Glaze	Green Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694144 3-EC-A Exterior Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Exterior Caulk	White / Tan Non-Fibrous Homogenous	PLM 4% Cellulose	PLM 96% Other	PLM None Detected
1694145 3-EC-B Exterior Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Exterior Caulk	White / Tan Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694146 3-EC-C Exterior Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Exterior Caulk	White / Tan Non-Fibrous Homogenous	PLM 4% Cellulose	PLM 96% Other	PLM None Detected

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 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694147 4-BM-A Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694148 4-BM-B Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694149 4-BM-C Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694150 5-CC-A Front Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694151 5-CC-B Front Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694152 5-CC-C Front Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 5% Cellulose	PLM 95% Other	PLM None Detected

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# Certificate of Analysis

**Environmental Testing Laboratories, Inc.**  
 37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694153 6-CC-A Flat Work Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694154 6-CC-B Flat Work Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694155 6-CC-C Flat Work Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694156 7-BM-A Retaining Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 2% Cellulose PC 0.25% Cellulose	PLM 98% Other PC 99.75% Other	PLM Trace Chrysotile PC None Detected
1694157 7-BM-B Retaining Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 1% Cellulose PC 0.75% Cellulose	PLM 99% Other PC 99.25% Other	PLM Trace Chrysotile PC None Detected
1694158 7-BM-C Retaining Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 3% Cellulose PC 0.25% Cellulose	PLM 97% Other PC 99.75% Other	PLM Trace Chrysotile PC None Detected

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# Certificate of Analysis

**Environmental Testing Laboratories, Inc.**  
 37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694159 8-VP-A Exterior Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Vapor Paper	White Fibrous Homogenous	PLM 32% Cellulose	PLM 68% Other	PLM None Detected
1694160 8-VP-B Exterior Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Vapor Paper	White Fibrous Homogenous	PLM 45% Cellulose	PLM 55% Other	PLM None Detected
1694161 8-VP-C Exterior Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Vapor Paper	White Fibrous Homogenous	PLM 35% Cellulose	PLM 65% Other	PLM None Detected
1694162 9-MLF-A Camper Portion of House Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Multi-Layered Flooring - Tile	Brown Non-Fibrous Homogenous	PC 0.5% Cellulose	PLM 100% Other PC 99.25% Other	PLM Trace Chrysotile PC 0.25% Chrysotile
1694162 9-MLF-A Camper Portion of House Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Glue	Tan Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694162 9-MLF-A Camper Portion of House Layer-3 Analyst: OJ Ivey Date Analyzed : 08/09/2024  With Backing	Linoleum	Yellow Fibrous Non-Homogenous	PLM 20% Cellulose	PLM 80% Other	PLM None Detected

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## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694163 9-MLF-B Camper Portion of House Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Multi-Layered Flooring - Tile	Brown Non-Fibrous Homogenous	PC 1.5% Cellulose	PLM 100% Other PC 98.5% Other	PLM Trace Chrysotile PC Trace Chrysotile
1694163 9-MLF-B Camper Portion of House Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Glue	Tan Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694163 9-MLF-B Camper Portion of House Layer-3 Analyst: OJ Ivey Date Analyzed : 08/09/2024 With Backing	Linoleum	Yellow Fibrous Non-Homogenous	PLM 13% Cellulose	PLM 87% Other	PLM None Detected
1694164 9-MLF-C Camper Portion of House Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Multi-Layered Flooring - Tile	Brown Non-Fibrous Homogenous	PC 2% Cellulose	PLM 100% Other PC 98% Other	PLM Trace Chrysotile PC Trace Chrysotile
1694164 9-MLF-C Camper Portion of House Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Glue	Tan Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694164 9-MLF-C Camper Portion of House Layer-3 Analyst: OJ Ivey Date Analyzed : 08/09/2024 With Backing	Linoleum	Yellow Fibrous Non-Homogenous	PLM 16% Cellulose	PLM 84% Other	PLM None Detected

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# Certificate of Analysis

Environmental Testing Laboratories, Inc.  
 37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

To : Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

ETL Job : 271420  
 Client Project : 84-06  
 Date Collected : 07/31/2024  
 Date Received : 08/05/2024

Location : Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694165 10-FT-A Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Tile	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694166 10-FT-B Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Tile	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694167 10-FT-C Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Tile	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694168 11-FS-A Rear Bedrooms and Hallways Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Sheeting	Red Brown Non-Fibrous Homogenous	PLM 94% Cellulose	PLM 6% Other	PLM None Detected
1694169 11-FS-B Rear Bedrooms and Hallways Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Sheeting	Red Brown Non-Fibrous Homogenous	PLM 94% Cellulose	PLM 6% Other	PLM None Detected
1694170 11-FS-C Rear Bedrooms and Hallways Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Sheeting	Red Brown Non-Fibrous Homogenous	PLM 94% Cellulose	PLM 6% Other	PLM None Detected

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# Certificate of Analysis

Environmental Testing Laboratories, Inc.  
 37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694171 12-CB-A Throughout Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Cove Base	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694171 12-CB-A Throughout Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Mastic	Brown Non-Fibrous Homogenous	PLM 6% Cellulose	PLM 94% Other	PLM None Detected
1694172 12-CB-B Throughout Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Cove Base	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694172 12-CB-B Throughout Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Mastic	Brown Non-Fibrous Homogenous	PLM 6% Cellulose	PLM 94% Other	PLM None Detected
1694173 12-CB-C Throughout Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Cove Base	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694173 12-CB-C Throughout Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Mastic	Brown Non-Fibrous Homogenous	PLM 6% Cellulose	PLM 94% Other	PLM None Detected

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694174 13-CT-A Rear Bedrooms and Hallways Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Tile	White Non-Fibrous Homogenous	PLM 96% Cellulose	PLM 4% Other	PLM None Detected
1694175 13-CT-B Rear Bedrooms and Hallways Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Tile	White Non-Fibrous Homogenous	PLM 96% Cellulose	PLM 4% Other	PLM None Detected
1694176 13-CT-C Rear Bedrooms and Hallways Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Tile	White Non-Fibrous Homogenous	PLM 96% Cellulose	PLM 4% Other	PLM None Detected
1694177 14-CP-A Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Panel	Yellow Fibrous Homogenous	PLM 2% Cellulose PLM 96% Fiberglass	PLM 2% Other	PLM None Detected
1694178 14-CP-B Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Panel	Yellow Fibrous Homogenous	PLM 2% Cellulose PLM 96% Fiberglass	PLM 2% Other	PLM None Detected
1694179 14-CP-C Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Panel	Yellow Fibrous Homogenous	PLM 2% Cellulose PLM 96% Fiberglass	PLM 2% Other	PLM None Detected

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 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694180 15-IC-A Front and Rear Additions Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Interior Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694181 15-IC-B Front and Rear Additions Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Interior Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694182 15-IC-C Front and Rear Additions Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Interior Caulk	White Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694183 16-CA-A Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Carpet Adhesive	Black Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694184 16-CA-B Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Carpet Adhesive	Black Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694185 16-CA-C Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Carpet Adhesive	Black Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694186 17-CC-A Crawlspace Floor Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694187 17-CC-B Crawlspace Floor Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694188 17-CC-C Crawlspace Floor Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694189 18-FT-A Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Tile	Light Brown Non-Fibrous Homogenous	PLM 5% Cellulose PC 0.5% Cellulose	PLM 95% Other PC 99.5% Other	PLM Trace Chrysotile PC None Detected
1694189 18-FT-A Front Living Room Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Mastic	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694189 18-FT-A Front Living Room Layer-3 Analyst: Ben Jones Date Analyzed : 08/09/2024	Brittle Material	Black Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694190 18-FT-B Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Tile	Light Brown Non-Fibrous Homogenous	PLM 5% Cellulose PC 0.75% Cellulose	PLM 95% Other PC 99.25% Other	PLM Trace Chrysotile PC None Detected
1694190 18-FT-B Front Living Room Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Mastic	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694191 18-FT-C Front Living Room Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Floor Tile	Light Brown Non-Fibrous Homogenous	PLM 5% Cellulose PC 0.25% Cellulose	PLM 95% Other PC 99.75% Other	PLM Trace Chrysotile PC None Detected
1694191 18-FT-C Front Living Room Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Mastic	Brown Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694192 19-EC-A Seam of Camper to Additions; Exterior Walls Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Tan Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694193 19-EC-B Seam of Camper to Additions; Exterior Walls Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Tan Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected

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 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694194 19-EC-C Seam of Camper to Additions; Exterior Walls Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Tan Non-Fibrous Homogenous	PLM Trace Cellulose	PLM 100% Other	PLM None Detected
1694195 20-CP-A Under Rear Deck Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Panel	Brown Fibrous Homogenous	PLM 96% Cellulose	PLM 4% Other	PLM None Detected
1694196 20-CP-B Under Rear Deck Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Panel	Brown Fibrous Homogenous	PLM 96% Cellulose	PLM 4% Other	PLM None Detected
1694197 20-CP-C Under Rear Deck Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Ceiling Panel	Brown Fibrous Homogenous	PLM 96% Cellulose	PLM 4% Other	PLM None Detected
1694198 21-FB-A Exterior Walls Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Fiber Board	Brown Fibrous Homogenous	PLM 98% Cellulose	PLM 2% Other	PLM None Detected
1694199 21-FB-B Exterior Walls Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Fiber Board	Brown Fibrous Homogenous	PLM 98% Cellulose	PLM 2% Other	PLM None Detected

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694200 21-FB-C Exterior Walls Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Fiber Board	Brown Fibrous Homogenous	PLM 98% Cellulose	PLM 2% Other	PLM None Detected
1694201 22-RI-A Walls and Ceilings Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Rolled-In Insulation	Pink Fibrous Homogenous	PLM 4% Cellulose PLM 86% Fiberglass	PLM 10% Other	PLM None Detected
1694201 22-RI-A Walls and Ceilings Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Paper Backing	Black Fibrous Homogenous	PLM 95% Cellulose	PLM 5% Other	PLM None Detected
1694202 22-RI-B Walls and Ceilings Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Rolled-In Insulation	Pink Fibrous Homogenous	PLM 2% Cellulose PLM 96% Fiberglass	PLM 2% Other	PLM None Detected
1694202 22-RI-B Walls and Ceilings Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Paper Backing	Black Fibrous Homogenous	PLM 95% Cellulose	PLM 5% Other	PLM None Detected

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694203 22-RI-C Walls and Ceilings Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Rolled-In Insulation	Pink Fibrous Homogenous	PLM 2% Cellulose PLM 96% Fiberglass	PLM 2% Other	PLM None Detected
1694203 22-RI-C Walls and Ceilings Layer-2 Analyst: Ben Jones Date Analyzed : 08/09/2024	Paper Backing	Black Fibrous Homogenous	PLM 95% Cellulose	PLM 5% Other	PLM None Detected
1694204 23-EC-A Exterior of Old Camper Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Clear Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694205 23-EC-B Exterior of Old Camper Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Clear Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694206 23-EC-C Exterior of Old Camper Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Clear Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694207 24-EC-A Electrical Penetrations Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Gray Non-Fibrous Homogenous	PLM 5% Cellulose	PLM 95% Other	PLM None Detected

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Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694208 24-EC-B Electrical Penetrations Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Gray Non-Fibrous Homogenous	PLM 5% Cellulose	PLM 95% Other	PLM None Detected
1694209 24-EC-C Electrical Penetrations Layer-1 Analyst: Ben Jones Date Analyzed : 08/09/2024	Exterior Caulk	Gray Non-Fibrous Homogenous	PLM 5% Cellulose	PLM 95% Other	PLM None Detected
1694210 25-CC-A Rear Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694211 25-CC-B Rear Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694212 25-CC-C Rear Steps Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694213 26-BM-A Foundation Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 4% Cellulose	PLM 96% Other	PLM None Detected

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 Bath, MI 48808

**ETL Job :** 271420  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Lake Road, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694214 26-BM-B Foundation Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694215 26-BM-C Foundation Walls Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Brick Mortar	Gray Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694216 27-CB-A Rear Bathroom and Utility Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Cove Base	Brown / Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694216 27-CB-A Rear Bathroom and Utility Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Adhesive	Tan Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694217 27-CB-B Rear Bathroom and Utility Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Cove Base	Brown / Black Non-Fibrous Homogenous	PLM 4% Cellulose	PLM 96% Other	PLM None Detected
1694217 27-CB-B Rear Bathroom and Utility Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Adhesive	Tan Non-Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected

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# Certificate of Analysis

Environmental Testing Laboratories, Inc.  
37575 W Huron River Drive  
Romulus, Michigan 48174  
(734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

To : Hamp Matthews & Associates  
15266 Ann Drive  
Bath, MI 48808

ETL Job : 271420  
Client Project : 84-06  
Date Collected : 07/31/2024  
Date Received : 08/05/2024

Location : Lake Road, Baldwin, MI  
Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694218 27-CB-C Rear Bathroom and Utility Layer-1 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Cove Base	Brown / Black Non-Fibrous Homogenous	PLM 3% Cellulose	PLM 97% Other	PLM None Detected
1694218 27-CB-C Rear Bathroom and Utility Layer-2 Analyst: OJ Ivey Date Analyzed : 08/09/2024	Adhesive	Tan Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected

*Edna Kibini*  
Lab Supervisor/Other Signatory

Analyst:

*Ben Jones*  
Ben Jones

*Orlando James Ivey Jr.*  
OJ Ivey

400 Point Count Results by EPA 600/R-93/116 PLM (denoted by "PC")  
Item 198.1: PLM Methods for Identifying and Quantitating Asbestos in Bulk Samples  
Item 198.6: PLM Methods for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples  
EPA 600/R-93/116: Method for Determination of Asbestos in Bulk Building Materials  
EPA 600/M4-82-020: Interim Method for Determination of Asbestos in Bulk Insulation Samples  
A % Asbestos result of "Trace" indicates that the analyzed material was found to contain less than 1% asbestos and would not be considered an Asbestos Containing Material (ACM).

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# ENVIRONMENTAL TESTING LABORATORIES

## Chain of Custody



37575 W Huron River Drive  
Romulus, Michigan 48174  
(734) 955-6600  
Fax: (734) 992-2261  
www.2etl.com

<b>Hamp Mathews and Associates</b>	Contact: Joe Seibert	ETL Project #: <u>271421</u>
Address: 15266 Ann Drive Bath MI 48808	Phone: 989-370-3778	Project Location/Name: South Esther, Baldwin Michigan (Lake County Land Bank)
	Fax:	
	E-mail: jseibert@hampmathews.com	PO # 84-06
Please Provide Results: <input type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Verbal <input checked="" type="checkbox"/> Other		Date Sampled: 7/31/2024

Turnaround Time (TAT): <input checked="" type="checkbox"/> Rush (2 hrs) <input type="checkbox"/> Same Day <input type="checkbox"/> 24 hrs <input type="checkbox"/> 48 hrs <input type="checkbox"/> 72 hrs <input type="checkbox"/> Standard (5 days)	
(If not checked, standard TAT will be assumed) TAT Based on Business Hours Monday-Friday   *Rush unavailable for Soot/Char/Ash % analysis. Limited TATs available for large volume.	
Sample Type (Check Only One)	
Asbestos: Bulk (PLM) <input checked="" type="checkbox"/> Bulk (TEM) <input type="checkbox"/> Dust <input type="checkbox"/> Air (PCM) <input type="checkbox"/> Air (TEM) <input type="checkbox"/>	Mold: <input type="checkbox"/> Tape <input type="checkbox"/> Bulk <input type="checkbox"/> Air-O-Cell <input type="checkbox"/> Air (Other) <input type="checkbox"/> Nuisance Dust <input type="checkbox"/>
Combustion Type: Basic: Total Combustion Particles <input checked="" type="checkbox"/> Advanced: Soot/Char/Ash % <input type="checkbox"/> 3M * Scotch™ Magic Tape is required for combustion analysis	
Asbestos Analysis Information (Check all that Apply)	
Stop at 1st Point: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Clearly mark each homogeneous area)	Point Counting: <input checked="" type="checkbox"/> 100 Points <input type="checkbox"/> 1000 Points
<input type="checkbox"/> *Gravimetric Reduction <input type="checkbox"/> *Soil or Vermiculite Analysis	See Special Instructions
* Additional charge and turnaround may be required	

1694

Lab ID	Sample ID	Material or Sample Description	Sample Location	Quantity
219	1-AS-A	Asphalt siding green	Shed exterior walls	
220	1-AS-B	Asphalt siding green	Shed exterior walls	
221	1-AS-C	Asphalt siding green	Shed exterior walls	
222	2-RM-A	Roofing material	Shed Roof	
223	2-RM-B	Roofing material	Shed Roof	
224	2-RM-C	Roofing material	Shed Roof	
225	3-WG-A	Window Glaze	Shed Window	
226	3-WG-B	Window Glaze	Shed Window	
227	3-WG-C	Window Glaze	Shed Window	
228	4-EC-A	Exterior caulk; white/tan	Small House Windows	
229	4-WC-B	Exterior caulk; white/tan	Small House Windows	
230	4-EC-C	Exterior caulk; white/tan	Small House Windows	

Relinquished (Name/Organization): Joe Seibert/Hamp Mathews and Associates	Date: 8/1/2024	Time: 4:00 PM
Received (Name/ETL): <i>Reagan Murphy</i>	8/1/2024	9:33 AM
Stereoscopic/Sample Analysis (Name/ETL):		
Special Instructions: Composite Wallboard system if any layer is greater than 1%. Point count plaster samples trace-3%. Point count all samples trace-1%		Remarks:

\*\*In order to ensure results by specified TAT, the lab must be emailed/called with the quantity of samples to be shipped or dropped off  
\*\*Rushes are not accepted after 3:00 PM and Same Days are not accepted after 2:00 PM

# ENVIRONMENTAL TESTING LABORATORIES

## Chain of Custody



37575 W Huron River Drive  
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Fax: (734) 992-2261  
www.2etl.com

ETL Project # 271421

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Lab ID	Sample ID	Material Description	Sample Location	Quantity
231	5-BM-A	Brick mortar	Small House Foundation	
232	5-BM-B	Brick mortar	Small House Foundation	
233	5-BM-C	Brick mortar	Small House Foundation	
234	6-WBS-A	Wallboard system	Small House Interior	
235	6-WBS-B	Wallboard system	Small House Interior	
236	6-WBS-C	Wallboard system	Small House Interior	
237	7-RM-A	Roofing material	Small House Roof	
238	7-RM-B	Roofing material	Small House Roof	
239	7-RM-C	Roofing material	Small House Roof	
240	8-VP-A	Vapor paper black	Small House exterior walls	
241	8-VP-B	Vapor paper black	Small House exterior walls	
242	8-VP-C	Vapor paper black	Small House exterior walls	
243	9-BM-A	Brick mortar	Brick pile behind house	
244	9-BM-B	Brick mortar	Brick pile behind house	
245	9-BM-C	Brick mortar	Brick pile behind house	
246	10-FB-A	Fiber board	Debris in front of house	
247	10-FB-B	Fiber board	Debris in front of house	
248	10-FB-C	Fiber board	Debris in front of house	
249	11-VP-A	Vapor paper white	Small House Interior	
250	11-VP-B	Vapor paper white	Small House Interior	
251	11-VP-C	Vapor paper white	Small House Interior	
252	12-CT-A	Ceiling tile 12x12 white	Small House Interior	
253	12-CT-B	Ceiling tile 12x12 white	Small House Interior	
254	12-CT-C	Ceiling tile 12x12 white	Small House Interior	
255	13-WG-A	Window Glaze	Small House windows	
256	13-WG-B	Window Glaze	Small House windows	
257	13-WG-C	Window Glaze	Small House windows	





**To:** Hamp Matthews & Associates  
15266 Ann Drive  
Bath, MI 48808

**ETL Job:** 271421  
**Client Project:** 84-06


**Attention:** Joseph Seibert  
**Project Location:** South Esther, Baldwin, MI  
Lake County Land Bank

Lab Sample Number	Client Sample Number	Sample Type	Completed
1694219	1-AS-A	Asbestos	08/06/2024
1694220	1-AS-B	Asbestos	08/06/2024
1694221	1-AS-C	Asbestos	08/06/2024
1694222	2-RM-A	Asbestos	08/06/2024
1694223	2-RM-B	Asbestos	08/06/2024
1694224	2-RM-C	Asbestos	08/06/2024
1694225	3-WG-A	Asbestos	08/07/2024
1694226	3-WG-B	Asbestos	08/07/2024
1694227	3-WG-C	Asbestos	08/08/2024
1694228	4-EC-A	Asbestos	08/08/2024
1694229	4-EC-B	Asbestos	08/08/2024
1694230	4-EC-C	Asbestos	08/08/2024
1694231	5-BM-A	Asbestos	08/08/2024
1694232	5-BM-B	Asbestos	08/08/2024
1694233	5-BM-C	Asbestos	08/08/2024
1694234	6-WBS-A	Asbestos	08/08/2024

Lab Sample Number	Client Sample Number	Sample Type	Completed
1694235	6-WBS-B	Asbestos	08/08/2024
1694236	6-WBS-C	Asbestos	08/08/2024
1694237	7-RM-A	Asbestos	08/08/2024
1694238	7-RM-B	Asbestos	08/08/2024
1694239	7-RM-C	Asbestos	08/08/2024
1694240	8-VP-A	Asbestos	08/08/2024
1694241	8-VP-B	Asbestos	08/08/2024
1694242	8-VP-C	Asbestos	08/08/2024
1694243	9-BM-A	Asbestos	08/08/2024
1694244	9-BM-B	Asbestos	08/08/2024
1694245	9-BM-C	Asbestos	08/08/2024
1694246	10-FB-A	Asbestos	08/09/2024
1694247	10-FB-B	Asbestos	08/09/2024
1694248	10-FB-C	Asbestos	08/09/2024
1694249	11-VP-A	Asbestos	08/09/2024
1694250	11-VP-B	Asbestos	08/09/2024
1694251	11-VP-C	Asbestos	08/09/2024
1694252	12-CT-A	Asbestos	08/09/2024
1694253	12-CT-B	Asbestos	08/09/2024
1694254	12-CT-C	Asbestos	08/08/2024
1694255	13-WG-A	Asbestos	08/09/2024
1694256	13-WG-B	Asbestos	08/09/2024
1694257	13-WG-C	Asbestos	08/09/2024
1694258	14-RI-A	Asbestos	08/09/2024
1694259	14-RI-B	Asbestos	08/09/2024
1694260	14-RI-C	Asbestos	08/09/2024



Lab Sample Number	Client Sample Number	Sample Type	Completed
1694261	15-CA-A	Asbestos	08/09/2024
1694262	15-CA-B	Asbestos	08/09/2024
1694263	15-CA-C	Asbestos	08/09/2024
1694264	16-RI-A	Asbestos	08/09/2024
1694265	16-RI-B	Asbestos	08/09/2024
1694266	16-RI-C	Asbestos	08/09/2024

Reviewed by:   
Emily Schroeder

<u>Summary</u>			
Method	Sample	Layer	Mastic
PLM	68		
Point Count	8		



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## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271421  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694219 1-AS-A Shed Exterior Walls Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Asphalt Siding	Green Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694220 1-AS-B Shed Exterior Walls Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Asphalt Siding	Green Fibrous Homogenous	PLM 2% Cellulose	PLM 98% Other	PLM None Detected
1694221 1-AS-C Shed Exterior Walls Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Asphalt Siding	Green Fibrous Homogenous	PLM 4% Cellulose	PLM 96% Other	PLM None Detected

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 Romulus, Michigan 48174  
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## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271421  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694222 2-RM-A Shed Roof Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Green Non-Fibrous Homogenous	PLM 20% Cellulose	PLM 80% Other	PLM None Detected
1694222 2-RM-A Shed Roof Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Gray Non-Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694222 2-RM-A Shed Roof Layer-3 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694222 2-RM-A Shed Roof Layer-4 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Tar	Black Non-Fibrous Homogenous		PLM 98% Other	PLM 2% Chrysotile

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## Polarized Light Microscopy Asbestos Analysis Report

To : Hamp Matthews & Associates  
15266 Ann Drive  
Bath, MI 48808

ETL Job : 271421  
Client Project : 84-06  
Date Collected : 07/31/2024  
Date Received : 08/05/2024

Location : South Esther, Baldwin, MI  
Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694223 2-RM-B Shed Roof Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Green Non-Fibrous Homogenous	PLM 20% Cellulose	PLM 80% Other	PLM None Detected
1694223 2-RM-B Shed Roof Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Gray Non-Fibrous Homogenous	PLM 15% Cellulose	PLM 85% Other	PLM None Detected
1694223 2-RM-B Shed Roof Layer-3 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694223 2-RM-B Shed Roof Layer-4 Analyst: Teagan Murphy Date Analyzed : 08/06/2024 Layer Not Analyzed		Positive Stop			

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## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271421  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694224 2-RM-C Shed Roof Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Green Non-Fibrous Homogenous	PLM 20% Cellulose	PLM 80% Other	PLM None Detected
1694224 2-RM-C Shed Roof Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/06/2024  Layer Not Analyzed		Positive Stop			
1694224 2-RM-C Shed Roof Layer-3 Analyst: Teagan Murphy Date Analyzed : 08/06/2024	Roofing Material	Blue Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694225 3-WG-A Shed Window Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/07/2024	Window Glaze	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694225 3-WG-A Shed Window Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/07/2024	Window Glaze	Brown Fibrous Homogenous		PLM 100% Other PC 99.75% Other	PLM Trace Chrysotile PC 0.25% Chrysotile

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## Polarized Light Microscopy Asbestos Analysis Report

To : Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

ETL Job : 271421  
 Client Project : 84-06  
 Date Collected : 07/31/2024  
 Date Received : 08/05/2024

Location : South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694226 3-WG-B Shed Window Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/07/2024	Window Glaze	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694226 3-WG-B Shed Window Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/07/2024	Window Glaze	Brown Non-Fibrous Homogenous		PLM 100% Other PC 100% Other	PLM Trace Chrysotile PC None Detected
1694227 3-WG-C Shed Window Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Window Glaze	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694227 3-WG-C Shed Window Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Window Glaze	Brown Non-Fibrous Homogenous		PLM 100% Other PC 100% Other	PLM Trace Chrysotile PC None Detected
1694228 4-EC-A Small House Windows Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024 With Brittle Material	Exterior Caulk	White/Tan Non-Fibrous Non-Homogenous		PLM 100% Other PC 99.75% Other	PLM Trace Chrysotile PC 0.25% Chrysotile
1694229 4-EC-B Small House Windows Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024 With Brittle Material	Exterior Caulk	White/Tan Non-Fibrous Non-Homogenous		PLM 100% Other PC 99.25% Other	PLM Trace Chrysotile PC 0.75% Chrysotile

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## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271421  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694230 4-EC-C Small House Windows Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024 With Brittle Material	Exterior Caulk	White/Tan Non-Fibrous Non-Homogenous		PLM 100% Other PC 98.25% Other	PLM Trace Chrysotile PC 1.75% Chrysotile
1694231 5-BM-A Small House Foundation Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Brick Mortar	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694232 5-BM-B Small House Foundation Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Brick Mortar	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694233 5-BM-C Small House Foundation Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Brick Mortar	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694234 6-WBS-A Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Wallboard	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694234 6-WBS-A Small House Interior Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Mud	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected

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# Certificate of Analysis

Environmental Testing Laboratories, Inc.  
 37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271421  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694235 6-WBS-B Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Wallboard	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694235 6-WBS-B Small House Interior Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Mud	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694236 6-WBS-C Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Wallboard	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694236 6-WBS-C Small House Interior Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Mud	Gray Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694237 7-RM-A Small House Roof Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Roofing Material	Black Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694238 7-RM-B Small House Roof Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Roofing Material	Black Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected

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To : Hamp Matthews & Associates  
15266 Ann Drive  
Bath, MI 48808

ETL Job : 271421  
Client Project : 84-06  
Date Collected : 07/31/2024  
Date Received : 08/05/2024

Location : South Esther, Baldwin, MI  
Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694239 7-RM-C Small House Roof Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Roofing Material	Black Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694240 8-VP-A Small House Exterior Walls Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Vapor Paper	Black Fibrous Homogenous	PLM 60% Cellulose	PLM 40% Other	PLM None Detected
1694240 8-VP-A Small House Exterior Walls Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Adhesive	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694241 8-VP-B Small House Exterior Walls Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Vapor Paper	Black Fibrous Homogenous	PLM 60% Cellulose	PLM 40% Other	PLM None Detected
1694241 8-VP-B Small House Exterior Walls Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Adhesive	Black Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected

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## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271421  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694242 8-VP-C Small House Exterior Walls Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Vapor Paper	Black Fibrous Homogenous	PLM 65% Cellulose	PLM 35% Other	PLM None Detected
1694242 8-VP-C Small House Exterior Walls Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Adhesive	Black Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694243 9-BM-A Brick Pile Behind House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Brick Mortar	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694244 9-BM-B Brick Pile Behind House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Brick Mortar	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694245 9-BM-C Brick Pile Behind House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Brick Mortar	Tan Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694246 10-FB-A Debris in Front of House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Fiber Board	Brown Fibrous Homogenous	PLM 70% Cellulose	PLM 30% Other	PLM None Detected

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## Polarized Light Microscopy Asbestos Analysis Report

To : Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

ETL Job : 271421  
 Client Project : 84-06  
 Date Collected : 07/31/2024  
 Date Received : 08/05/2024

Location : South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694247 10-FB-B Debris in Front of House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Fiber Board	Brown Fibrous Homogenous	PLM 80% Cellulose	PLM 20% Other	PLM None Detected
1694248 10-FB-C Debris in Front of House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Fiber Board	Brown Fibrous Homogenous	PLM 75% Cellulose	PLM 25% Other	PLM None Detected
1694249 11-VP-A Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Vapor Paper	White Fibrous Homogenous	PLM 30% Cellulose	PLM 70% Other	PLM None Detected
1694250 11-VP-B Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Vapor Paper	White Fibrous Homogenous	PLM 30% Cellulose	PLM 70% Other	PLM None Detected
1694251 11-VP-C Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Vapor Paper	White Fibrous Homogenous	PLM 30% Cellulose	PLM 70% Other	PLM None Detected

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 Romulus, Michigan 48174  
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## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271421  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694252 12-CT-A Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Ceiling Tile 12x12	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694252 12-CT-A Small House Interior Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Fibrous Material	Brown Fibrous Homogenous	PLM 80% Cellulose	PLM 20% Other	PLM None Detected
1694253 12-CT-B Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Ceiling Tile 12x12	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694253 12-CT-B Small House Interior Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Fibrous Material	Brown Fibrous Homogenous	PLM 80% Cellulose	PLM 20% Other	PLM None Detected
1694254 12-CT-C Small House Interior Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Ceiling Tile 12x12	White Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694254 12-CT-C Small House Interior Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/08/2024	Fibrous Material	Brown Fibrous Homogenous	PLM 80% Cellulose	PLM 20% Other	PLM None Detected

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## Polarized Light Microscopy Asbestos Analysis Report

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**Client Project :** 84-06  
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**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694255 13-WG-A Small House Windows Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Window Glaze	White Non-Fibrous Homogenous		PLM 100% Other PC 99.75% Other	PLM Trace Chrysotile PC 0.25% Chrysotile
1694256 13-WG-B Small House Windows Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Window Glaze	White Non-Fibrous Homogenous		PLM 100% Other PC 98.75% Other	PLM Trace Chrysotile PC 1.25% Chrysotile
1694257 13-WG-C Small House Windows Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024  Layer Not Analyzed		Positive Stop			
1694258 14-RI-A Debris in Front of House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Rolled In Insulation	Pink Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
1694259 14-RI-B Debris in Front of House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Rolled In Insulation	Pink Fibrous Homogenous	PLM 90% Fiberglass	PLM 10% Other	PLM None Detected
1694260 14-RI-C Debris in Front of House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Rolled In Insulation	Pink Fibrous Homogenous	PLM 85% Fiberglass	PLM 15% Other	PLM None Detected

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 Bath, MI 48808

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**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** South Esther, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694261 15-CA-A Brick Pile Behind House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Construction Adhesive	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694262 15-CA-B Brick Pile Behind House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Construction Adhesive	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694263 15-CA-C Brick Pile Behind House Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Construction Adhesive	Brown Non-Fibrous Homogenous		PLM 100% Other	PLM None Detected
1694264 16-RI-A Small House Walls and Attic Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Rolled In Insulation	Beige Fibrous Homogenous	PLM 60% Fiberglass	PLM 40% Other	PLM None Detected
1694264 16-RI-A Small House Walls and Attic Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/09/2024  With Fibrous Material	Foil Backing	Silver/Black Fibrous Non-Homogenous	PLM 30% Cellulose	PLM 70% Other	PLM None Detected

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## Polarized Light Microscopy Asbestos Analysis Report

To : Hamp Matthews & Associates  
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Bath, MI 48808

ETL Job : 271421  
Client Project : 84-06  
Date Collected : 07/31/2024  
Date Received : 08/05/2024

Location : South Esther, Baldwin, MI  
Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694265 16-RI-B Small House Walls and Attic Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Rolled In Insulation	Beige Fibrous Homogenous	PLM 60% Fiberglass	PLM 40% Other	PLM None Detected
1694265 16-RI-B Small House Walls and Attic Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/09/2024 With Fibrous Material	Foil Backing	Silver/Black Fibrous Non-Homogenous	PLM 70% Cellulose	PLM 30% Other	PLM None Detected
1694266 16-RI-C Small House Walls and Attic Layer-1 Analyst: Teagan Murphy Date Analyzed : 08/09/2024	Rolled In Insulation	Beige Fibrous Homogenous	PLM 60% Fiberglass	PLM 40% Other	PLM None Detected
1694266 16-RI-C Small House Walls and Attic Layer-2 Analyst: Teagan Murphy Date Analyzed : 08/09/2024 With Fibrous Material	Foil Backing	Silver/Black Fibrous Non-Homogenous	PLM 70% Cellulose	PLM 30% Other	PLM None Detected

Lab Supervisor/Other Signatory

Analyst:

Teagan Murphy

400 Point Count Results by EPA 600/R-93/116 PLM (denoted by "PC")  
Item 198.1: PLM Methods for Identifying and Quantitating Asbestos in Bulk Samples  
Item 198.6: PLM Methods for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples  
EPA 600/R-93/116: Method for Determination of Asbestos in Bulk Building Materials  
EPA 600/M4-82-020: Interim Method for Determination of Asbestos in Bulk Insulation Samples  
A % Asbestos result of "Trace" indicates that the analyzed material was found to contain less than 1% asbestos and would not be considered an Asbestos Containing Material (ACM).

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# ENVIRONMENTAL TESTING LABORATORIES

Chain of Custody



37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600  
 Fax: (734) 992-2261  
 www.2etl.com

ETL Project #: 271419

Project Location/Name: Parkdale, Baldwin Michigan (Lake County Land Bank)

PO # 84-06

Date Sampled: 7/31/2024

Hamp Mathews and Associates

Contact: Joe Seibert

Phone: 989-370-3778

Address: 15266 Ann Drive Bath MI 48808

Fax:

E-mail: jseibert@hampmathews.com

Please Provide Results:  Email  Fax  Verbal  Other \_\_\_\_\_

Turnaround Time (TAT):  Rush (2 hrs)  Same Day 24 hrs  48 hrs  72 hrs  standard (5 days)

(If not checked, standard TAT will be assumed) TAT Based on Business Hours Monday-Friday | \*Rush unavailable for Soot/Char/Ash % analysis. Limited TATs available for large volume.

Sample Type (Check Only One)

Asbestos: Bulk (PLM)  Bulk (TEM)  Dust  Air (PCM)  Air (TEM)  Mold:  Tape  Bulk  Air-O-Cell  Air (Other)  Nuisance Dust

Combustion Type:  Basic: Total Combustion Particles  Advanced: Soot/Char/Ash %  3M \* Scotch™ Magic Tape is required for combustion analysis

Asbestos Analysis Information (Check all that Apply)

Stop at 1st Point:  Yes  No (Clearly mark each homogeneous area)

Point Counting:  100 Points  1000 Points

\*Gravimetric Reduction  \*Soil or Vermiculite Analysis  See Special Instructions

\* Additional charge and turnaround may be required

1694

Lab ID	Sample ID	Material or Sample Description	Sample Location	Quantity
126	1-RM-A	Roofing material	House Roof	
127	1-RM-B	Roofing material	House Roof	
128	1-RM-C	Roofing material	House Roof	
129	2-WG-A	Window Glaze	House walls	
130	2-WG-B	Window Glaze	House Walls	
131	2-WG-C	Window Glaze	House Walls	
132	3-CC-A	Concrete Chip	House Foundation	
133	3-CC-B	Concrete Chip	House Foundation	
134	3-CC-C	Concrete Chip	House Foundation	
135	4-BM-A	Brick mortar	House Walls	
136	4-BM-B	Brick mortar	House Walls	
137	4-BM-C	Brick mortar	House Walls	

Relinquished (Name/Organization):	Joe Seibert/Hamp Mathews and Associates	Date:	8/1/2024	Time:	4:00 PM
Received (Name/ETL):		Date:	8/1/2024	Time:	9:07 AM
Stereoscopy/Sample Analysis (Name/ETL):					
Special Instructions: Composite Wallboard system if any layer is greater than 1%. Point count plaster samples trace-3%. Point count all samples trace-1%	Remarks:				

\*\*In order to ensure results by specified TAT, the lab must be emailed/called with the quantity of samples to be shipped or dropped off  
 \*\*Rushes are not accepted after 3:00 PM and Same Days are not accepted after 2:00 PM





**To:** Hamp Matthews & Associates  
15266 Ann Drive  
Bath, MI 48808

**ETL Job:** 271419  
**Client Project:** 84-06

**Attention:** Joseph Seibert  
**Project Location:** Parkdale, Baldwin, MI  
Lake County Land Bank

Lab Sample Number	Client Sample Number	Sample Type	Completed
1694126	1-RM-A	Asbestos	08/08/2024
1694127	1-RM-B	Asbestos	08/08/2024
1694128	1-RM-C	Asbestos	08/08/2024
1694129	2-WG-A	Asbestos	08/08/2024
1694130	2-WG-B	Asbestos	08/08/2024
1694131	2-WG-C	Asbestos	08/08/2024
1694132	3-CC-A	Asbestos	08/08/2024
1694133	3-CC-B	Asbestos	08/08/2024
1694134	3-CC-C	Asbestos	08/08/2024
1694135	4-BM-A	Asbestos	08/08/2024
1694136	4-BM-B	Asbestos	08/08/2024
1694137	4-BM-C	Asbestos	08/08/2024

Reviewed by:



Emily Schroeder

Summary

Method	Sample	Layer	Mastic
PLM	13		



# Certificate of Analysis

Environmental Testing Laboratories, Inc.  
 37575 W Huron River Drive  
 Romulus, Michigan 48174  
 (734) 955-6600, Fax: (734) 955-6604

## Polarized Light Microscopy Asbestos Analysis Report

**To :** Hamp Matthews & Associates  
 15266 Ann Drive  
 Bath, MI 48808

**ETL Job :** 271419  
**Client Project :** 84-06  
**Date Collected :** 07/31/2024  
**Date Received :** 08/05/2024

**Location :** Parkdale, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694126 1-RM-A House Roof Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Roofing Material	White Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694126 1-RM-A House Roof Layer-2 Analyst: Tia Ray Date Analyzed : 08/08/2024	Roofing Material	Green Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694127 1-RM-B House Roof Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Roofing Material	White Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694127 1-RM-B House Roof Layer-2 Analyst: Tia Ray Date Analyzed : 08/08/2024	Roofing Material	Green Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694128 1-RM-C House Roof Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Roofing Material	White Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected
1694128 1-RM-C House Roof Layer-2 Analyst: Tia Ray Date Analyzed : 08/08/2024	Roofing Material	Green Fibrous Homogenous	PLM 10% Cellulose	PLM 90% Other	PLM None Detected

ETL, Inc. maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced without written approval by ETL, Inc. Test Method EPA 600/R-93-116 & EPA 600/M4-82/020 or NYSDOH-ELAP item 198.1 and/or 198.6 was used to analyze all samples. Matrix interference and/or resolution limits (i.e. detecting asbestos in non-friable organically bound materials) may yield false results in certain circumstances. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing. Interpretation and use of test results are the responsibility of the client. ETL, Inc. is not responsible for the accuracy of the results when requested to physically separate and analyze layered samples. Any PLM results below 10% should be re-analyzed using the EPA recommended Point Count method. Any material that has greater than 1% asbestos content is considered to be an Asbestos Containing Material (ACM). These materials are regulated by both OSHA and the EPA and must be treated accordingly. Results are related to only to samples that were tested. An estimate of uncertainty can be provided at the client's request.



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**Location :** Parkdale, Baldwin, MI  
 Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694129 2-WG-A House Walls Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Window Glaze	Gray Non-Fibrous Homogenous		PLM 98% Other	PLM 2% Chrysotile
1694130 2-WG-B House Walls Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024 Layer Not Analyzed		Positive Stop			
1694131 2-WG-C House Walls Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024 Layer Not Analyzed		Positive Stop			
1694132 3-CC-A House Foundation Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694133 3-CC-B House Foundation Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694134 3-CC-C House Foundation Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Concrete Chip	Gray Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected

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## Polarized Light Microscopy Asbestos Analysis Report

To : Hamp Matthews & Associates  
15266 Ann Drive  
Bath, MI 48808

ETL Job : 271419  
Client Project : 84-06  
Date Collected : 07/31/2024  
Date Received : 08/05/2024

Location : Parkdale, Baldwin, MI  
Lake County Land Bank

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
1694135 4-BM-A House Walls Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Brick Mortar	Brown Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694136 4-BM-B House Walls Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Brick Mortar	Brown Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected
1694137 4-BM-C House Walls Layer-1 Analyst: Tia Ray Date Analyzed : 08/08/2024	Brick Mortar	Brown Non-Fibrous Homogenous	PLM 1% Cellulose	PLM 99% Other	PLM None Detected

Lab Supervisor/Other Signatory

Analyst:

Tia Ray

400 Point Count Results by EPA 600/R-93/116 PLM (denoted by "PC")  
Item 198.1: PLM Methods for Identifying and Quantitating Asbestos in Bulk Samples  
Item 198.6: PLM Methods for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples  
EPA 600/R-93/116: Method for Determination of Asbestos in Bulk Building Materials  
EPA 600/M4-82-020: Interim Method for Determination of Asbestos in Bulk Insulation Samples  
A % Asbestos result of "Trace" indicates that the analyzed material was found to contain less than 1% asbestos and would not be considered an Asbestos Containing Material (ACM).

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## Appendix D

Individual

Contractor

Training Provider

Project Notification

Scheduled Asbestos Training Courses

## Individual Profile for SEIBERT, JOSEPH A.

### Name and Address

**Name** SEIBERT, JOSEPH A.  
**Address** 1176 YORK AVENUE  
HOWELL, MI 48843

### License Information

Accreditation Type	ID #	Status	Expiration Date	Training Expiration Date
Contractor/Supervisor	A51777	Apprvd - Full	4/21/2025	12/1/2024
Inspector	A51777	Apprvd - Full	3/30/2025	11/3/2024

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: 201028-0

**Environmental Testing Laboratories, Inc.**  
Romulus, MI

*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 on ISO/IEC 17025).*

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2024-04-01 through 2025-03-31

*Effective Dates*



A handwritten signature in blue ink, which appears to read "Dana S. Gorman".

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*For the National Voluntary Laboratory Accreditation Program*