

# Clare County Land Bank Authority

## Pre Demolition ACM Survey

8400 South Harrison Avenue

Farwell, MI

## Pre Demolition ACM Survey

8/5/2024



**MID-STATE ASBESTOS REMOVAL, INC.**

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*Insulation • Sprayed Fireproofing • Asbestos Abatement*

*Select Demolition • Environmental Inspections*

*Commercial • Industrial • Residential*

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**8400 South Harrison Avenue  
Farwell, MI**

**Clare County Land Bank Authority**

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## **1.1 Introduction**

On August 5, 2024, Mid-State Asbestos Removal Inc. was contracted by Jenny Beemer-Fritzenger of the Clare County Land Bank Authority, to conduct a Pre Demolition Asbestos Survey at 8400 South Harrison Avenue, Farwell, MI.

## **1.2 Purpose**

The purpose of the Pre Demolition Asbestos Survey is to identify Asbestos Containing Building Materials (ACBM'S) that may be impacted during demolition activities. Drawings were not provided for the sample collection portion of the project. All measurements and quantities mentioned in this report are estimated and are to be considered approximate.

## **1.3 Scope of Work**

26 bulk samples were collected throughout all accessible areas. Samples of Suspect Asbestos Containing Building Materials (SACBM'S) encountered during this survey were collected and sent to a N.V.L.A.P. accredited laboratory for analysis.

## **1.4 Laboratory Analytical Procedures**

Samples collected were submitted to San Air Technologies Laboratory for analysis. Chain-of-Custody guidelines were followed to ensure proper handling and delivery of the samples. The S.A.C.B.M. samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining in accordance with EPA/600R-93/116.

The USEPA defines ACBM as those materials that contain greater than 1% asbestos. Percentages and types of fibrous components in these samples were determined by visual estimation of the amount of fibrous material versus the total amount of material present. The OSHA definition of ACBM is any material that contains greater than 1% asbestos as well. Materials containing less than 1% asbestos are considered to be non-asbestos containing and therefore are not regulated.

## **1.5 Suspect ACBM'S**

Suspect asbestos containing building materials encountered during this survey are:

Flooring Materials, Roofing Materials, Thermal System Insulation Materials & Miscellaneous Materials

## **1.6 Bulk Sample Inventory**

M.A.R. collected 26 bulk samples during the course of this survey. All samples were collected in accordance with AHERA guidelines. Sample locations selected are representative of the entire survey area. Random sampling protocol was used to determine sample collection locations.

## **1.7 Sample Submittal Form/Chain of Custody/Analytical Results**

See Attachments:

- Analysis Results & CoC, 8400 South Harrison Avenue, Farwell, MI

## 1.8 Materials List

### 1.8A: Asbestos Containing Materials List

Analytical results indicate that the following materials contain trace-1% or greater asbestos content. FS# indicates the Functional Space where the material is present. Further detail can be found in each individual Functional Space section of this report.

<b>Asbestos Containing Materials</b>				
HM#	Sample#	Description/Location	Quantity	Asbestos Content
2	003	FloorTile/12x12/Cream FS1-4	200sqft	Floor Tile 3% Chrysotile, Yellow Mastic None Detected
3	008	FloorTile/12x12/White FS1-6	40sqft	Floor Tile 3% Chrysotile, Yellow Mastic None Detected
4	019	RoofCoating/MobileHome/Silver FSAttic *NOTE1	600sqft	Roof Coating 3% Chrysotile
14	004	Undercoat/Sink/Black FS1-4	10sqft	Sink Undercoat 7% Chrysotile
17	011	Adhesive/Framing/Black FSExt NOTE2	Undetermined	Adhesive 4% Chrysotile

\* **QUANTITIES ARE ESTIMATED**, abatement contractors are required to verify materials and quantities on site.

\*NOTE1-RoofCoating/MobileHome/Silver-This material is the original mobile home roof and was accessed and sampled at a small opening created in the soffit above the front door. A second roof structure has been built above the mobile home.

\*NOTE2- Adhesive/Framing/Black-A small amount of this material was observed and sampled at a small area of removed siding. In order to estimate quantity, additional siding will need to be removed (See pic in FSExt).

### 1.8.B "ASSUMED" Asbestos Containing Materials List

"Assumed" Items are items likely containing asbestos that could not be sampled and tested at this time. FS# indicates the Functional Space where the material is present. Further detail can be found in each individual Functional Space section of this report.

<b>Assumed Asbestos Containing Materials</b>				
HM#	Sample#	Description/Location	Quantity	Asbestos Content
23	Assumed	Furnace FS1-5 *NOTE1	1ea	Assumed

\* **QUANTITIES ARE ESTIMATED**, abatement contractors are required to verify materials and quantities on site.

\*NOTE1- Furnace-Assumed due to internal components.

## 1.9 Summary

### 1.9.A Limitations and Definitions

M.A.R. uses trained and licensed asbestos inspectors in attempting to locate and quantify potential ACMB's within structures.

Areas enclosed by fixed wall, ceiling and roofing systems were restricted to limited visual access in identifying materials such as plaster, drywall, Thermal system insulation and roofing. The possibility exists that all ACBM's were not identified within the structure. All quantities are estimated.

This survey is intended to identify potential asbestos containing materials only.

### 1.9.B Summary

All materials listed in section 1.8, are to be assumed asbestos containing or contain greater than 1% asbestos. Current regulations indicate that any material that contains 1% or greater asbestos content is considered to be a regulated material.

All regulated materials are to be handled by qualified persons. Regulated materials that may be impacted or disturbed during renovation, demolition or maintenance activities are required to be abated and disposed of properly by qualified persons. All waste accumulated must be manifested and disposed of in a type II landfill as required by regulating agencies.

Potential lead based materials may or may not exist within this structure. This Pre-demolition asbestos survey is specifically designed to identify potential asbestos containing building materials that may be impacted during demolition activities and excludes any sample collection or verification for lead based paint or other hazardous materials.

If there are questions regarding information within this survey, we recommend that our field representative be contacted prior to activities that may impact any materials that may potentially contain asbestos. Thank You.

*Respectfully,*

*Gary D. Church*

*Mid-State Asbestos Removal Inc.*

Accreditation # A 51899

*Reviewed By,*

*Tony Kirby*

*Mid-State Asbestos Removal Inc.*

Accreditation # A 13136

## 2.0 Homogenous Materials Sample List (HM#)

Sample #s are used to identify individual samples through the sampling and analytical process. Homogenous Materials #s are assigned to groups of samples of the same materials. The materials description nomenclature generally includes Material/Size/Color/Functional Space/Sample Location, and other information as applicable. For purposes of this report, HM#s are used. Any asbestos content present indicates all samples of the respective HM# are to be considered to be asbestos containing material (ACM).

8400 South Harrison Avenue, Farwell, MI			
PreDemolition ACM Survey, 8/5/2024			
Jenny Beemer-Fritzinger, 989 539 7801, beemerj@clareco.net			
Sample Descriptions By HM#			
HM#	Sample #	Flooring Materials	Asb Content/Comments
1	001	Flooring/Brown,Black/FS1-2	
2	003	FloorTile/12x12/Cream/FS1-4	Floor Tile 3% Chrysotile, Yellow Mastic None Detected
3	008	FloorTile/12x12/White/FS1-6	Floor Tile 3% Chrysotile, Yellow Mastic None Detected
HM#	Sample #	Roofing Materials	Asb Content/Comments
4	019	RoofCoating/MobileHome/Silver/FSExt	Roof Coating 3% Chrysotile
5	020	VaporBarrier/Roof/Black/FSExt	
6	021	Shingle/Roof/Black/FSExt	
7	022	VaporBarrier/AdditionRoof/Black/FSExt	
8	023	Shingle/AdditionRoof/Gray/FSExt	
9	024	VaporBarrier/ShedRoof/Black/FSShed	
10	025	Shingle/ShedRoof/Gray/FSShed	
11	026	Shingle/ShedRoof/Black/FSShed	
HM#	Sample #	Thermal System Insulation Materials	Asb Content/Comments
12	005	Insulation/Loosefill/Brown/FSTrailerAttic	
	006	Insulation/Loosefill/Brown/FSTrailerAttic	
	007	Insulation/Loosefill/Brown/FSTrailerAttic	
HM#	Sample #	Miscellaneous Materials	Asb Content/Comments
13	002	Adhesive/WallPanel/White/FS1-2	
14	004	Undercoat/Sink/Black/FS1-4	Sink Undercoat 7% Chrysotile
15	009	Adhesive/ShowerPanel/White/FS1-6	
16	010	Caulk/Sink/White/FS1-6	
17	011	Adhesive/Framing/Black/FSExt	Adhesive 4% Chrysotile
18	012	Sealant/Siding/Gray,Cream/FSExt	
19	013	Caulk/Additions/White/FSExt	
20	014	Caulk/Addition/Window/White/FSExt	
21	015	Sealant/Window/Cream,Gray/FSExt	
22	016	BellyBoard/Brown,Black/FSCrawlspace	
	017	BellyBoard/Brown,Black/FSCrawlspace	
	018	BellyBoard/Brown,Black/FSCrawlspace	
23	Assumed	Furnace	Assumed

### 3.0 Functional Spaces

This Asbestos Survey is divided into the following Functional Spaces.

## Functional Space #1 By Room

FS1-1, North Addition, 80sqft				
HM#	Sample#	Material Description	Quantity	Asbestos Y/N
				N

\* Quantities are estimated.



FS1-2, North Bed Room, 70sqft				
HM#	Sample#	Material Description	Quantity	Asbestos Y/N
1	001	Flooring/Brown,Black	70sqft	N
13	002	Adhesive/WallPanel/White	25sqft	N

\* Quantities are estimated.



FS1-3, Living Room, 129sqft				
HM#	Sample#	Material Description	Quantity	Asbestos Y/N
1	001	Flooring/Brown,Black	129sqft	N
13	002	Adhesive/WallPanel/White	25sqft	N

\* Quantities are estimated.





**FS1-4, Kitchen, 96sqft**

HM#	Sample#	Material Description	Quantity	Asbestos Y/N
2	003	FloorTile/12x12/Cream	200sqft	Y
13	002	Adhesive/WallPanel/White	20sqft	N
14	004	Undercoat/Sink/Black	10sqft	Y

\* Quantities are estimated.



**FS1-5, Hallway, 33sqft**

HM#	Sample#	Material Description	Quantity	Asbestos Y/N
1	001	Flooring/Brown,Black	33sqft	N
13	002	Adhesive/WallPanel/White	15sqft	N
23	Assumed	Furnace	1ea	Assumed

\* Quantities are estimated.



**FS1-6, Bath Room, 45sqft**

HM#	Sample#	Material Description	Quantity	Asbestos Y/N
1	001	Flooring/Brown,Black	40sqft	N
3	008	FloorTile/12x12/White	40sqft	Y
13	002	Adhesive/WallPanel/White	15sqft	N
15	009	Adhesive/ShowerPanel/White	50sqft	N
16	010	Caulk/Sink/White	1sqft	N

\* Quantities are estimated.



**FS1-7, Middle Bed Room, 56sqft**

HM#	Sample#	Material Description	Quantity	Asbestos Y/N
1	001	Flooring/Brown,Black	56sqft	N
13	002	Adhesive/WallPanel/White	15sqft	N

\* Quantities are estimated.



**FS1-8, South Bed Room, 68sqft**

HM#	Sample#	Material Description	Quantity	Asbestos Y/N
1	001	Flooring/Brown,Black	68sqft	N
13	002	Adhesive/WallPanel/White	20sqft	N

\* Quantities are estimated.



**FS1-9, South Addition, 80sqft**

HM#	Sample#	Material Description	Quantity	Asbestos Y/N
				N

\* Quantities are estimated.

FSCrawlspace, 600sqft				
HM#	Sample#	Material Description	Quantity	Asbestos Y/N
22	016-018	BellyBoard/Brown,Black/FSCrawlspace	600sqft	N

\* Quantities are estimated.



FSAttic, 600sqft				
HM#	Sample#	Material Description	Quantity	Asbestos Y/N
12	005-007	Insulation/Loosefill/Brown/FSTrailerAttic	600sqft	N
4	019	RoofCoating/MobileHome/Silver	600sqft	Y

\* Quantities are estimated.



FSExt, Exterior				
HM#	Sample#	Material Description	Quantity	Asbestos Y/N
17	011	Adhesive/Framing/Black	Undetermined	Y
18	012	Sealant/Siding/Gray,Cream	100sqft	N
19	013	Caulk/Additions/White	20sqft	N
20	014	Caulk/Addition/Window/White	10sqft	N
21	015	Sealant/Window/Cream,Gray	15sqft	N
5	020	VaporBarrier/Roof/Black	1500sqft	N
6	021	Shingle/Roof/Black	1500sqft	N
7	022	VaporBarrier/AdditionRoof/Black	200sqft	N
8	023	Shingle/AdditionRoof/Gray	200sqft	N

\* Quantities are estimated.



**FSShed, 275sqft**

<b>HM#</b>	<b>Sample#</b>	<b>Material Description</b>	<b>Quantity</b>	<b>Asbestos Y/N</b>
9	024	VaporBarrier/ShedRoof/Black	600sqft	N
10	025	Shingle/ShedRoof/Gray	600sqft	N
11	026	Shingle/ShedRoof/Black	600sqft	N

\* Quantities are estimated.