



**ASBESTOS SURVEY
OF**

10515 Antcliff Rd
Fowlerville, MI 48836

June 9, 2025

Prepared By:

AMC Environmental
1210 Larabee Lane
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Prepared For:

Cohoctah Township
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DEMOLITION ASBESTOS SURVEY REPORT

10515 Antcliff Rd
Fowlerville, MI 48836

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1.0 PURPOSE AND SCOPE OF SERVICES

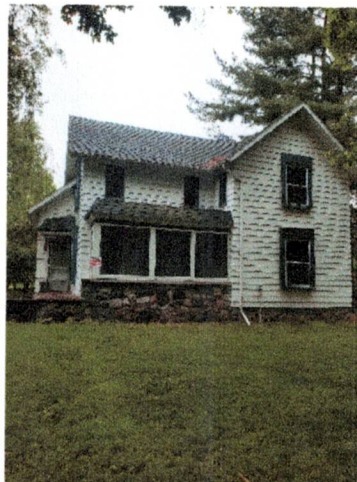
The purpose of this project was to conduct a demolition asbestos survey of the property located at 10515 Antcliff Fowlerville, Michigan. The survey was conducted on May 29, 2025 in accordance with AMC Environmental's proposal on May 16, 2025. AMC Environmental provided the services in accordance with the referenced agreement, and as outlined below:

Conduct a representative asbestos survey at the identified property, which includes the following:

1. Survey the structure.
2. Identify accessible suspect asbestos-containing materials (ACM).
3. Collect and analyze bulk samples of suspect ACMs with regard to applicable federal and State of Michigan regulations pertaining to asbestos and the demolition of structures.
4. Quantify ACMs, including material condition and location for the purposes of abatement prior to demolition.

2.0 GENERAL SITE CONDITIONS

The property is in Cohoctah twp. Fowlerville, Michigan. The home was constructed in 1880. Square footage is approx. 1650. It has aluminum siding over wood siding with asphalt shingles on the roof. Hardwood flooring throughout the home, with fiberglass insulation. The structure sits on a field stone and cinder block foundation.



3.0 REPRESENTATIVE ASBESTOS-CONTAINING MATERIAL SURVEY

Mr. Aaron R. Croff, owner of AMC Environmental and accredited State of Michigan Asbestos Inspector conducted the asbestos survey within the property structure. Please refer to Attachment C for inspector accreditation records.

The property was visually inspected for the presence of building materials that are suspected to contain asbestos. Bulk samples were obtained of materials suspect to contain asbestos and are categorized as "Regulated Asbestos-Containing Material" (RACM) under the United States Environmental Protection Agency (EPA), 40 C.F.R. Part 61, Subpart M, known as the National Emissions Standard for Hazardous Air Pollutants (EPA NESHAP). RACM is defined in Sec.61.141 of the NESHAP and includes: (1) friable asbestos-containing material; (2) Category I non friable ACM that has become friable; (3) Category I non-friable ACM that has been or will be sanded, ground, cut or abraded; or (4) Category II non-friable ACM that has already been or is likely to crumble, pulverize, or reduce to powder.

Friable ACMs include products such as thermal system insulation, plaster material and other ACM that can be crushed or reduced to powder using hand pressure. NESHAP Category I ACM includes asbestos-containing gaskets, packings, resilient floor coverings, resilient floor covering mastic, and asphalt roofing products containing more than one percent asbestos. Category II ACM includes all other non-friable ACM, for example, asbestos-cement (A/C) shingles, A/C tiles, and transite boards or panels containing more than one percent asbestos.

Materials visibly identified as non-asbestos (fibrous glass, foam rubber, wood, etc) were not sampled. The asbestos survey consisted of three basic procedures: 1) conducting a visual inspection of the structures; 2) identifying homogeneous areas (HAs) of suspect surfacing, thermal system insulation, and damaged miscellaneous materials; and 3) sampling accessible, friable and damaged non-friable suspect materials.

3.1 Homogeneous Areas

Prior to collecting any samples, homogenous areas (HAs) were identified and listed to develop a sampling strategy. 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 installation date and function. The actual number of samples from each homogeneous area may vary, based on the type of material and the professional judgment of the inspector.

3.2 Hazard Assessment Factors

From the list of suspect homogenous materials, 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. Friability is a term used to describe the ease in which a building material inherently lends itself to disturbance. By definition, "friable" materials are those that can be crumbled or reduced to powder by hand pressure when dry. Each material on the list was further classified into one of three categories, which have specific sampling requirements for each category:

Surfacing Materials:	Refers to spray-applied or troweled 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 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 confirmed ACMs were then assessed by their condition as good (intact), fair (damaged), or poor (significantly damaged) per Title 40 Code of Federal Regulations Part 763 (ASHERA rule). Material with localized significant damage was also assessed as poor when observed.

3.3 Sampling Strategy

The asbestos inspection was conducted for the purposes of demolition of the building using the minimum number of samples collected for each homogeneous area of RACM in accordance with Federal Regulations Part 763 (ASHERA rule). Samples obtained suspect RACMs were collected from the building and taken to APEX Research Inc, in Whitmore Lake, Michigan for analysis. APEX is a NVLAP lab code 102118-0 accredited laboratory and utilizes stringent Standard Operating Procedures (SOP) for sample handling to ensure accurate results. Robert T. Letarte, Jr., Laboratory Director, oversees all operations at the laboratory. All testing, analysis, calibrations, operations and quality systems are under the constant scrutiny of the Lab Director.

If the analytical results indicated that the homogeneous material did not contain asbestos, then the HA (material) would be considered a non-ACM. However, if the analytical results on one or more of the samples collected per HA indicate that asbestos is present in quantities of greater than 1 percent asbestos by weight (as defined by EPA), all the HA material would be treated as an ACM regardless of any other analytical results. Material, which can visually be determined by the accredited inspector to be non-asbestos (i.e., fibrous glass, foam rubber, etc.) is not required to be sampled.

Miscellaneous materials require adequately representative sampling, which is typically done by collecting one to three samples per material. Inspectors typically rely on other survey observations such as the condition, friability, and quantity of material to determine what would be a sufficient number of samples to accurately evaluate the presence or absence of asbestos content.

Actual collection of bulk sample involves physically removing a small piece of material and placing it in a marked, airtight container. Sample containers are marked with a unique identification number, which is also noted in the field notes.

3.5 Laboratory Analytical Results

Bulk samples were analyzed by APEX using polarized-light microscopy (PLM) and dispersion staining (EPA Method 600/R-93/116). APEX participates in the National Voluntary Laboratory Accreditation Program (NVLAP) quality assurance program for PLM accredited by the National Institute of Standards and Technology (NIST).

Any material that contains greater than 1 percent asbestos is considered an ACM and must be handled according to EPA, State of Michigan and other applicable local regulations.

For friable materials, when the amount of asbestos in the sample material is reported as "None Detected" by PLM analysis, no further verification of the sample results by Point Counting Methodology is recommended.

For friable materials, when the amount of asbestos in the sample material is reported at less than 10% by PLM analysis, the client may either assume the amount to be greater than 1% and treat the material as ACM or require further verification of the amount by Point Counting Methods. If the result obtained by Point Counting is different from the result obtained by PLM analysis, the Point Count Method result should be used.

For non-friable materials, when the amount of asbestos in the sample is reported at greater than 1% by PLM analysis, no further verification of the sample results by alternative methods of identification such as Transmission Electron Microscopy (TEM) Chatfield method is recommended.

For non-friable materials, when the amount of asbestos in the sample material is reported as "None-Detected" or less than 1% by PLM analysis, due to the difficulty in analyzing non-friable or resinous bound materials, AMC Environmental recommends that these types of materials, which were reported as non-ACMs by APEX, be analyzed using TEM Chatfield method.

Copies of the laboratory analytical reports and corresponding chains of custody are included in Appendix A. Results are reported in percent asbestos by volume and indicate the types of asbestos. Other common non-asbestos components may also be noted on the analytical reports.

Inspector and laboratory accreditations are provided in Appendix C.

4.0 RECOMMENDATIONS

The results of the laboratory testing during the demolition asbestos survey conducted on May 29, 2025, at 10515 Antcliff Rd Fowlerville, Michigan indicated the following:

NUMBER	LOCATION	SQ/FT	ASBESTOS	TYPE/MAT/COND/PERCENT
HA1	Duct wrap	3	YES	Chrysotile, friable, Good, 40%
HA8 B	Basement Laundry Cabinet Mastic	8	YES	Chrysotile, Non Friable, Good, 5%
HA9 A-E	Window Glaze	30 ct	Yes	Chrysotile, Non Friable, Poor, 5%

Please see the attached test results and pictures of positive areas. This ACM would need to be removed prior to construction or demolition as they could potentially become friable during these activities. Other suspect ACMs found behind walls or in hidden cavities should be assumed to contain asbestos and handled and disposed of accordingly.

Contractors working within the structure should be made aware of the possibility of concealed ACMs that could be found during the interior demolition site activities. Any concealed building materials discovered during site activities or during interior demolition, which are suspected to contain asbestos, should be sampled and analyzed to confirm the presence of asbestos prior to the disturbance of such materials.

5.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions, and recommendations expressed in the report are based only on conditions that were noted during the May 29, 2025 AMC

Environmental inspection of the building located at 10515 Antcliff Rd Fowlerville, Michigan.

AMC Environmental's selection of sample locations and frequency of sampling was based on field observations and the assumption that like materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos abatement contractors in locating ACM. Under no circumstances is the report to be utilized as a bidding document or as a project specification document since it does not have all the components required to service as an Asbestos Project Design document or an Abatement Work Plan.

Our professional services have been performed, our findings obtained, and our conclusions and recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This statement is in lieu of other statements either expressed or implied. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

This report was prepared exclusively for Cohoctah Township Fowlerville, Michigan. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

APPENDIX A

LABORATORY ANALYTICAL RESULTS



ASBESTOS BULK MATERIAL CHAIN OF CUSTODY

Apex #
117873
Page
1

AMC Environmental
1210 Larabee Lane
Howell, MI 48843
(734) 660-8228
amcenvironmental@live.com

Date of Samples: 5-29-2025
Project #: 10515 Antcliff

Turn Around Time: 48 Hours

Asbestos: Test for ACM

HA#	SAMPLE#	SAMPLE LOCATION	MATERIAL DESCRIPTION
HA1		Basement South Corner	Duct Wrap
HA2	A	Basement Southwest	Fiberboard
	B	Basement Southeast	Fiberboard
	C	Basement East	Fiberboard
	D	1st Floor Rear Entrance	Fiberboard
HA3	A	Kitchen South Wall	Plaster
	B	1st Floor Living Room Northwest Wall	Plaster
	C	1st Floor Bedroom North Wall	Plaster
	D	Stairwell West	Plaster
	E	2nd Floor West Wall	Plaster
	F	2nd Floor West Wall	Plaster
	G	2nd Floor East Wall	Plaster
HA4	A	Bathroom Entrance East	Drywall Bathroom
	B	Bathroom over Shower	Drywall Bathroom
	C	Inside Shower	Drywall Bathroom

Relinquished By:

Date: 5-2-25

Time:

RECEIVED

Received By:

Date: 9:40

Time:

JUN 02 2025

APEX RESEARCH



ASBESTOS BULK MATERIAL CHAIN OF CUSTODY

Apex #
117873
Page
2

AMC Environmental
1210 Larabee Lane
Howell, MI 48843
(734) 660-8228
amcenvironmental@live.com

Date of Samples: 5-29-2025
Project #: 10515 Antcliff

Turn Around Time: 48 Hours

Asbestos: Test for ACM

HA#	SAMPLE#	SAMPLE LOCATION	MATERIAL DESCRIPTION
HA5	A	East	Bathroom Drywall Mud
	B	Center	Bathroom Drywall Mud
	C	Inside Shower Southwest	Bathroom Drywall Mud
HA6	A	Southeast	12X12 Floor Tile Kitchen
	B	Center	12X12 Floor Tile Kitchen
	C	Northwest	12X12 Floor Tile Kitchen
HA7		Center	Vinyl Floor 1, Bathroom
HA8	A	Bathroom Threshold	Vinyl Flooring Bathroom
	B	Laundry Cabinet	Vinyl Flooring Basement Laundry
HA9	A	South	Window Glaze
	B	East	Window Glaze
	C	North	Window Glaze
	D	Northwest	Window Glaze
	E	East	Window Glaze
HA10		Front Porch	Roof Tar

Relinquished By: [Signature]

Date: 5-2-25

Time:

Received By: Kystra [Signature]

Date: 9:40

Time:

RECEIVED

JUN 02 2025

APEX RESEARCH

Certificate of Laboratory Analysis

Test Method, Polarized Light Microscopy (PLM)



Project #: 10515 Antcliff

Report To:

Mr. Aaron Croff
AMC Environmental
1210 Larabee Lane
Howell, MI 48843

ARI Report # 25-117873
Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 01 Cust. #: HA1 Material: Duct Wrap Location: Basement South Corner Appearance: grey, fibrous, homogenous Layer: 1 of 1	Asbestos Present: YES Chrysotile - 40%	Cellulose - 40% Other - 20%
Lab ID #: 117873 - 02 Cust. #: HA2A Material: Fiberboard Location: Basement Southwest Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 90% Other - 10%
Lab ID #: 117873 - 03 Cust. #: HA2B Material: Fiberboard Location: Basement Southeast Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 90% Other - 10%

For Layered Samples, each component will be analyzed and reported separately.

A handwritten signature in black ink, appearing to read "Robert T. Letarte Jr.", written over a horizontal line.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 40 CFR - Part 763 and/or EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples as submitted and to insure the integrity of the results, may only be reproduced in full. This certificate must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Liability limited to cost of analysis.



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APEX Research Inc., 7717 Kensington Ct., Brighton, MI 48116
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Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 04 Cust. #: HA2C Material: Fiberboard Location: Basement East Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 90% Other - 10%
Lab ID #: 117873 - 05 Cust. #: HA2D Material: Fiberboard Location: 1st Floor Rear Entrance Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 90% Other - 10%
Lab ID #: 117873 - 06 Cust. #: HA3A Material: Plaster Finish Coat Location: Kitchen South Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

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Howell, MI 48843

ARI Report # 25-117873
Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 06a Cust. #: HA3A Material: Plaster Base Coat Location: Kitchen South Wall Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 117873 - 07 Cust. #: HA3B Material: Plaster Finish Coat Location: 1st Floor Living Room Northwest Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 117873 - 07a Cust. #: HA3B Material: Plaster Base Coat Location: 1st Floor Living Room Northwest Wall Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%

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Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 08 Cust. #: HA3C Material: Plaster Base Coat Location: 1st Floor Bedroom North Wall Appearance: brown, fibrous, homogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 117873 - 09 Cust. #: HA3D Material: Plaster Finish Coat Location: Stairwell West Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 117873 - 09a Cust. #: HA3D Material: Plaster Base Coat Location: Stairwell West Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 10 Cust. #: HA3E Material: Plaster Finish Coat Location: 2nd Floor West Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 117873 - 10a Cust. #: HA3E Material: Plaster Base Coat Location: 2nd Floor West Wall Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 117873 - 11 Cust. #: HA3F Material: Plaster Finish Coat Location: 2nd Floor West Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 11a Cust. #: HA3F Material: Plaster Base Coat Location: 2nd Floor West Wall Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%
Lab ID #: 117873 - 12 Cust. #: HA3G Material: Plaster Finish Coat Location: 2nd Floor East Wall Appearance: white, nonfibrous, homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 117873 - 12a Cust. #: HA3G Material: Plaster Base Coat Location: 2nd Floor East Wall Appearance: brown, fibrous, homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Hair - 2% Other - 98%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 13 Cust. #: HA4A Material: Drywall Location: Bathroom Entrance East Appearance: white, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 1% Other - 79%
Lab ID #: 117873 - 14 Cust. #: HA4B Material: Drywall Location: Bathroom over Shower Appearance: white, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 1% Other - 79%
Lab ID #: 117873 - 15 Cust. #: HA4C Material: Drywall Location: Bathroom inside Shower Appearance: white, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 20% Fiberglass - 1% Other - 79%

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Date Reported: 06/04/25

Sample Information**Asbestos Type/Percent****Non-Asbestos Material**

Lab ID #: 117873 - 16
Cust. #: HA5A
Material: Drywall Mud
Location: Bathroom East
Appearance: white, nonfibrous, homogenous
Layer: 1 of 1

Asbestos Present: **NO**
No Asbestos Observed

Other - 100%

Lab ID #: 117873 - 17
Cust. #: HA5B
Material: Drywall Mud
Location: Bathroom Center
Appearance: white, nonfibrous, homogenous
Layer: 1 of 1

Asbestos Present: **NO**
No Asbestos Observed

Other - 100%

Lab ID #: 117873 - 18
Cust. #: HA5C
Material: Drywall Mud
Location: Bathroom inside Shower Southwest
Appearance: white, nonfibrous, homogenous
Layer: 1 of 1

Asbestos Present: **NO**
No Asbestos Observed

Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

A handwritten signature in black ink, appearing to read "Robert Letarte".

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 40 CFR - Part 763 and/or EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples as submitted and to insure the integrity of the results, may only be reproduced in full. This certificate must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Liability limited to cost of analysis.



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(734) 449-9990, Fax (734) 449-9991

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Certificate of Laboratory Analysis

Test Method, Polarized Light Microscopy (PLM)



Project #: 10515 Antcliff

Report To:

Mr. Aaron Croff
AMC Environmental
1210 Larabee Lane
Howell, MI 48843

ARI Report # 25-117873
Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 19 Cust. #: HA6A Material: 12x12 Floor Tile Location: Kitchen Southeast Appearance: brown,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 117873 - 19a Cust. #: HA6A Material: Glue Location: Kitchen Southeast Appearance: clear,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 117873 - 20 Cust. #: HA6B Material: 12x12 Floor Tile Location: Kitchen Center Appearance: brown,nonfibrous,nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 1% Other - 99%

For Layered Samples, each component will be analyzed and reported separately.

A handwritten signature in black ink, appearing to read "Robert T. Letarte Jr.".

Robert T. Letarte Jr., Laboratory Director

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Certificate of Laboratory Analysis

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Project #: 10515 Antcliff

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AMC Environmental
1210 Larabee Lane
Howell, MI 48843

ARI Report # 25-117873
Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 20a Cust. #: HA6B Material: Glue Location: Kitchen Center Appearance: clear,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%
Lab ID #: 117873 - 21 Cust. #: HA6C Material: 12x12 Floor Tile Location: Kitchen Northwest Appearance: brown,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 1% Other - 99%
Lab ID #: 117873 - 21a Cust. #: HA6C Material: Glue Location: Kitchen Northwest Appearance: clear,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: NO No Asbestos Observed	Other - 100%

For Layered Samples, each component will be analyzed and reported separately.

A handwritten signature in black ink, appearing to read "Robert T. Letarte Jr.", written over a horizontal line.

Robert T. Letarte Jr., Laboratory Director

Test Method EPA 40 CFR - Part 763 and/or EPA 600/R-93/116 was used to analyze the above samples. Matrix interference and/or resolution limits may yield false/negative results in certain circumstances. Suspect floor tiles containing <1% should be tested with SEM or TEM. This certificate of analysis relates only to the samples as submitted and to insure the integrity of the results, may only be reproduced in full. This certificate must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Liability limited to cost of analysis.



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Certificate of Laboratory Analysis

Test Method, Polarized Light Microscopy (PLM)



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Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 22 Cust. #: HA7 Material: Vinyl Floor 1 Location: Bathroom Center Appearance: green, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 5% Other - 85%
Lab ID #: 117873 - 23 Cust. #: HA8A Material: Vinyl Flooring Location: Bathroom Threshold Appearance: green, fibrous, nonhomogenous Layer: 1 of 1	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 5% Other - 85%
Lab ID #: 117873 - 24 Cust. #: HA8B Material: Vinyl Flooring Location: Basement Laundry Cabinet Appearance: green, fibrous, nonhomogenous Layer: 1 of 2	Asbestos Present: NO No Asbestos Observed	Cellulose - 10% Fiberglass - 5% Other - 85%

For Layered Samples, each component will be analyzed and reported separately.

A handwritten signature in black ink, reading "Robert T. Letarte Jr.".

Robert T. Letarte Jr., Laboratory Director

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Howell, MI 48843

ARI Report # 25-117873
Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information**Asbestos Type/Percent****Non-Asbestos Material**

Lab ID #: 117873 - 24a
Cust. #: HA8B
Material: Mastic
Location: Basement Laundry Cabinet
Appearance: black, fibrous, homogenous
Layer: 2 of 2

Asbestos Present: **YES**
Chrysotile - 2%

Other - 98%

Lab ID #: 117873 - 25
Cust. #: HA9A
Material: Window Glaze
Location: South
Appearance: beige, fibrous, homogenous
Layer: 1 of 1

Asbestos Present: **YES**
Chrysotile - 5%

Other - 95%

Lab ID #: 117873 - 26
Cust. #: HA9B
Material: Window Glaze
Location: East
Appearance: beige, fibrous, homogenous
Layer: 1 of 1

Asbestos Present: **YES**
Chrysotile - 5%

Other - 95%

For Layered Samples, each component will be analyzed and reported separately.

A handwritten signature in black ink, appearing to read "Robert T. Letarte Jr.".

Robert T. Letarte Jr., Laboratory Director

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Certificate of Laboratory Analysis

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Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 117873 - 27 Cust. #: HA9C Material: Window Glaze Location: North Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: YES Chrysotile - 5%	Other - 95%
Lab ID #: 117873 - 28 Cust. #: HA9D Material: Window Glaze Location: Northwest Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: YES Chrysotile - 5%	Other - 95%
Lab ID #: 117873 - 29 Cust. #: HA9E Material: Window Glaze Location: East Appearance: beige, fibrous, homogenous Layer: 1 of 1	Asbestos Present: YES Chrysotile - 5%	Other - 95%

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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ARI Report # 25-117873
Date Collected: 05/29/25
Date Received: 06/02/25
Date Analyzed: 06/03/25
Date Reported: 06/04/25

Sample Information**Asbestos Type/Percent****Non-Asbestos Material**

Lab ID #: 117873 - 30
Cust. #: HA10
Material: Roof Tar
Location: Front Porch
Appearance: black, fibrous, homogenous
Layer: 1 of 1

Asbestos Present: **NO**
No Asbestos Observed

Cellulose - 10%
Other - 90%

Lab ID #:
Cust. #:
Material:
Location:
Appearance:
Layer: of

Asbestos Present:

Lab ID #:
Cust. #:
Material:
Location:
Appearance:
Layer: of

Asbestos Present:

For Layered Samples, each component will be analyzed and reported separately.

Robert T. Letarte Jr., Laboratory Director

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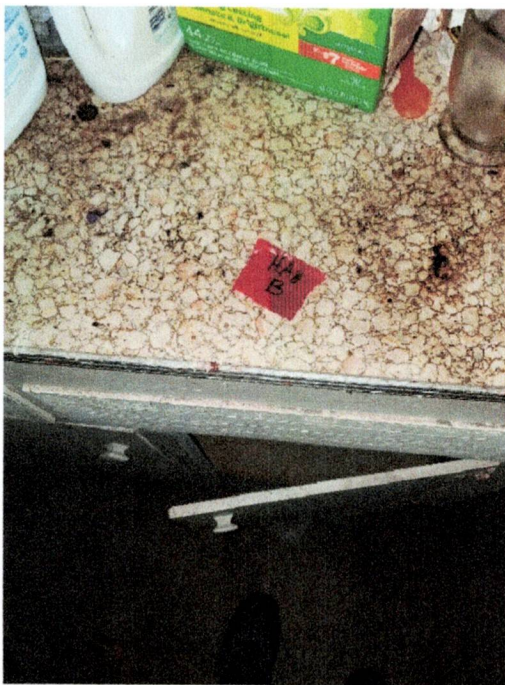
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APPENDIX B
SITE PICTURES



HA1

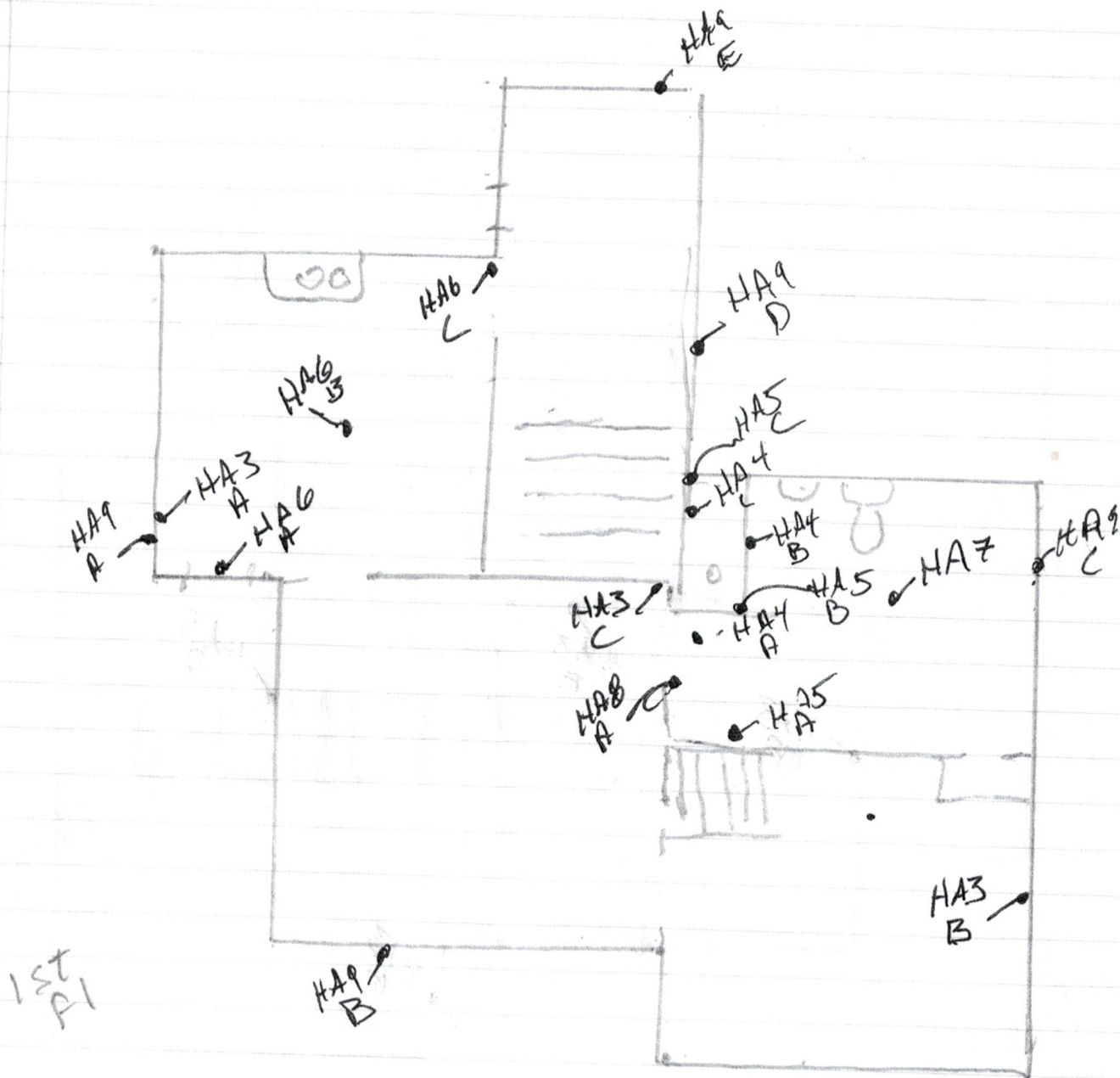


HA8B



HA9 A-E

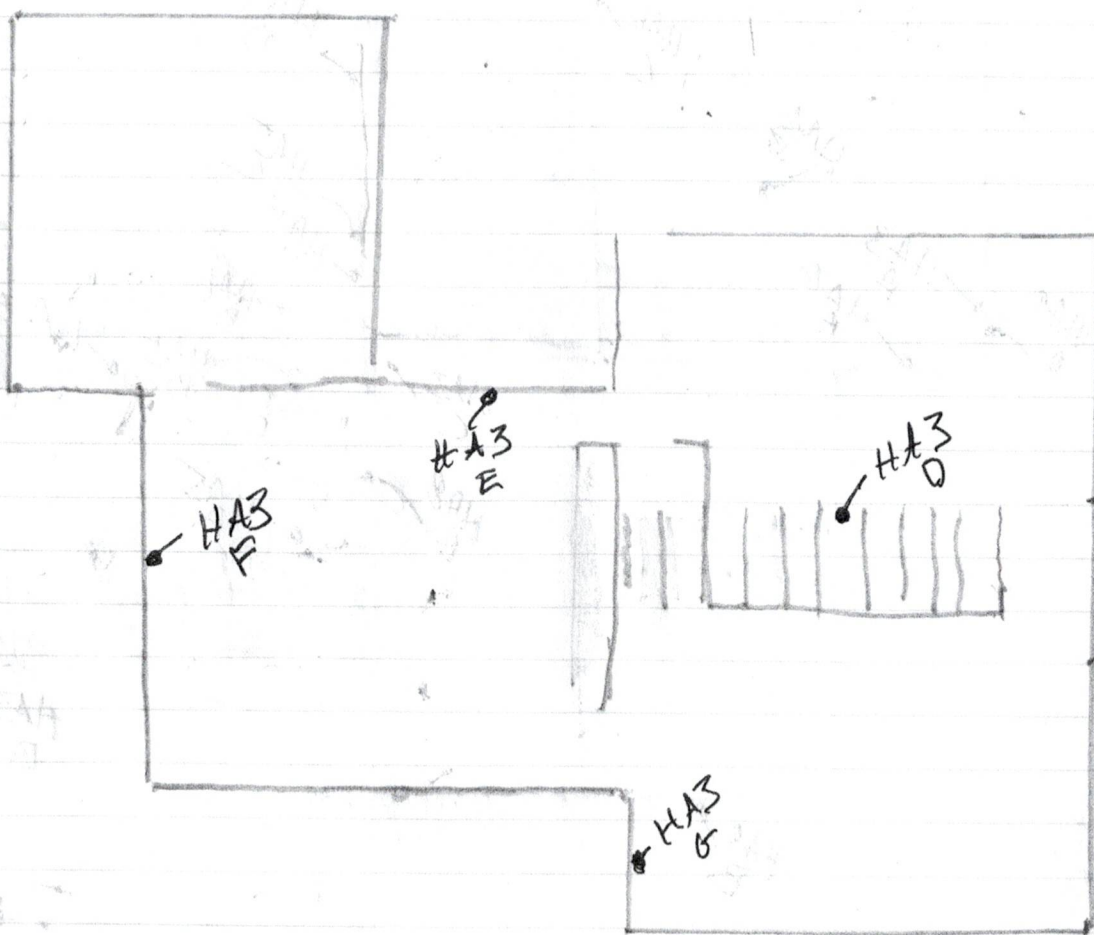
APPENDIX C
SITE DRAWING



1st Fl

10515 Antcliff

N



2nd
Fl



10212 Area 11



Basement

N

APPENDIX D

INSPECTOR AND LABORATORY ACCREDITATIONS

AARON R CROFF
State of Michigan
Asbestos Inspector
A42534 exp. 12/20/2025

State of Michigan
Department of Labor and Economic Opportunity
Michigan Occupational Safety & Health Administration - Asbestos Program

Asbestos Inspector

Aaron R. Croff
1210 Larabee Lane
Howell, MI 48843

Accreditation Number
A42534

Expiration Date
12/20/2025

DOB: 05/25/1969

This individual has satisfactorily met or exceeded the requirements of Michigan Public Act 440 of 1988, as amended, to be accredited as an Asbestos Inspector.

Accreditation card is not valid if altered. 176000

AARON R CROFF
State of Michigan
Asbestos Contractor | Supervisor
A42534 exp. 3/28/2026

State of Michigan
Department of Labor and Economic Opportunity
Michigan Occupational Safety & Health Administration - Asbestos Program

Asbestos Contractor/Supervisor

Aaron R. Croff
1210 Larabee Lane
Howell, MI 48843

Accreditation Number
A42534

Expiration Date
03/28/2026

DOB: 05/25/1969

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered. 176003

APEX RESEARCH INC.
7717 Kensington Ct
Brighton, MI 48116
(248)667-7751
NVLAP Lab Code: 102118-0