RED CEDAR CONSULTING

P.O. Box 13216
Lansing, MI 48901
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April 7, 2025

Mr. Michael Andrick
Ingham County Land Bank
3024 Turner St.
Lansing, MI 48906

RE: Asbestos Containing Material and Hazardous Materials Inspection
323 S Hayford Ave. Lansing, MI 48912
Parcel ID: 33010114310061

Dear Mr. Andrick:

Red Cedar Consulting has completed an asbestos-containing material (ACM) and hazardous materials inspection at 323 S Hayford Ave. Lansing, Michigan (Subject Property). This inspection was completed at the request of the Ingham County Land Bank to comply with the United States Environmental Protection Agency (USEPA) requirements for demolition and renovation set forth under the National Emissions Standards for Hazardous Air Pollutants (NESHAP, 40 CFR Part 61). This inspection was also completed to comply with the Occupational Safety and Health Administration (OSHA) Asbestos Standards for Construction (29 CFR 1926.1101) which limits employee exposure to asbestos.

SUBJECT PROPERTY

The Subject Property is comprised of a .10-acre residential parcel which contains an approximate 528 square foot residential building (the Building) constructed in 1925. The Building was constructed on a concrete block crawl space with one aboveground floor. The exterior walls of the Building were finished with wood lap while the roof was sealed with asphalt shingles. The Building can be further divided into a living room, kitchen, bathroom, storage room and one bedroom.

VISUAL INSPECTION AND SAMPLING

Asbestos Containing Materials Inspection

Jeff Cain of Red Cedar Consulting (Red Cedar), accredited State Of Michigan/EPA Asbestos Building Inspector (Accreditation Number A14057) who completed training per the Michigan Asbestos Workers Accreditation Act 440, completed an inspection of the Subject Property on March 11, 2025 for suspected asbestos containing building materials.

This inspection, and subsequent sample collection was completed in accordance with the USEPA Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763) assessment and sampling protocol.

During the completion of the inspection, each area of the Subject Property was visually inspected for asbestos containing building materials (ACBM). Following the completion of the visual inspection, Red Cedar staff identified each suspect area of friable and non-friable ACBM and sorted them into one of three homogenous categories for sampling purposes. AHERA defines friable as a material that when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. A homogenous area is defined by OSHA as an area of surfacing, thermal system insulation (TSI) or miscellaneous material that is uniform in color and texture. Surfacing materials are most commonly found in sprayed-on, troweled-on or otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members. TSI refers to materials applied to pipes, fittings, boilers, ductwork, or other components to prevent heat loss or gain, or condensation. Any material that does not fall under the surfacing or TSI category, such as floor tile, drywall, and acoustical ceiling tile are placed into the miscellaneous materials category.

Following the completion of the visual inspection, Red Cedar staff identified the following materials as suspect ACBM:

- Asphalt Shingle
- Roof Tar
- Brick and Mortar
- Cinderblock and Mortar
- Window Glazing
- 1'x1' Ceiling Tile
- Drywall with Compound
- 12"x12" Floor Tile
- Plaster

Red Cedar staff collected nineteen samples of suspect ACBM separated into nine distinct homogenous groups for laboratory analysis. Samples were collected and submitted to APEX Research Inc. Laboratories (APEX) (Accreditation Number 102118-0) for laboratory analysis. Analysis was completed utilizing polarized light microscopy (PLM) which is the Environmental Protection Agency (EPA) approved method for analysis of bulk materials for asbestos. PLM analysis completed pursuant to method (EPA 600/M4-82-020) identifies asbestos fiber bundles by the visual properties displayed when the sample is treated with various dispersion staining liquids. The laboratory report completed following the sample analysis indicates if asbestos is present, and at what percentage along with a description and percentage of other fibrous and non-fibrous materials and sample color. Chain-of-custody documentation was followed from sample collection through shipping and receiving of the samples at the designated laboratory. The documentation assures that samples will meet the quality assurance/quality control measures defined by AHERA. The laboratory analytical report prepared by APEX for the nineteen samples is included as Attachment A.

Hazardous Materials Inspection

On March 11, 2025, the Subject Property was also inspected for the presence of hazardous materials which include but are not limited to polychlorinated biphenyls (PCBs) and potential mercury containing equipment and any items or containers that may contain or be classified as a hazardous or regulated material. Each material, if identified, was documented along with the approximate location. Any materials identified as hazardous are included in Table 1.

INSPECTION RESULTS AND RECOMMENDATIONS

During the completion of the asbestos inspection, nineteen samples of suspect ACM were collected and are documented in Table 2 along with the Red Cedar sample number, description, friability, material type, ACM classification, sample location, material quantity and laboratory analytical results. A Site Diagram was prepared which provides the general building layout and sample locations and is included as Attachment B. Photos of each different type of ACM identified during this inspection are included in Attachment C and copies of the Asbestos Inspectors certifications are included as Attachment D.

ACM, as defined by the USEPA NESHAP is "any material containing more than 1 percent asbestos as determined using the method specified in appendix E, subpart E, 40 CFR part 763 Section 1, Polarized Light Microscopy".

Friable ACM is defined by NESHAP as any material containing more than 1 percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure. Friable ACM is a concern due to the ease of unintentionally disturbing the ACM which may result in "visible emissions" which is known as a Fiber Release Episode.

Non-friable asbestos-containing material is defined as "material containing more than 1 percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable ACMs are separated into Category I and Category II ACM. Category I ACM is any asbestos containing packing's, gaskets, resilient floor coverings (vinyl floor tile and linoleum are examples of these) and asphalt roofing products. Category II ACM is stated by NESHAP as any material excluding Category I non-friable ACM such as drywall, plaster or fiberboard insulation.

Presumed Asbestos Containing Material

Presumed Asbestos Containing Materials (PACM) are suspect surfacing, TSI and miscellaneous materials found in buildings constructed prior to 1980 which are classified as and due to the age of the structure, are assumed to be ACM and do not require sample collection and analysis. OSHA dictates that PACM may be "rebutted" following a complete inspection pursuant to AHERA protocol.

No PACM was identified during the completion of this inspection. All suspect materials identified were sampled and analyzed for ACM.

Table 3 lists the location, material description, friability, condition, material type (surfacing, thermal or miscellaneous) and approximate quantity of all PACM documented at the Subject Property.

Table 4 provides a summary of all ACM documented at the Subject Property which includes the material location, description, and approximate quantity.

Friable ACM's

No friable ACM's were identified during the completion of this inspection.

Category I ACM

Roof tar samples collected during the completion of the inspection were found to contain up to 10% Chrysotile asbestos. The assessment to quantify the extent of this material identified 7 sq. ft. of roof tar materials on the Building.

Category II ACM

No Category II non-friable ACM was identified during the completion of this inspection.

RECOMMENDATIONS

Asbestos Containing Materials

The Category I roofing material is a non-friable ACM that should be abated to mitigate any future exposure.

Please note: The location of samples obtained during this inspection were in a random fashion and areas that were not identified during this inspection may be damaged or have become damaged since the inspection was completed. If Category I or Category II friable materials are discovered prior to or during the demolition/renovation process, these materials must be abated prior to commencement of any demolition/renovation activities at the Subject Property.

Hazardous Materials

Hazardous Materials identified at the Subject Property and documented in Table 1 which require proper removal and disposal consist of the following items:

- No Hazardous Materials Identified

REGULATORY REQUIREMENTS

A Notification of intent to Renovate/Demolish form must be filed with the Michigan Department of Environmental Quality- Air Quality Division at least 10 working days prior to any renovation or demolition activities at a site.

The Notification of Intent to Renovate/Demolish form must also be completed and submitted to the MIOSHA-Asbestos Program whenever demolition, encapsulation and/or renovation activities at a site involving greater than ten lineal feet and/or fifteen square feet of ACM will be completed.

Regulated asbestos containing materials per NESHAP (40 CFR Part 61) which falls into any of the following categories are ACM's that must be removed prior to any renovation/demolition activities at the Subject Property.

- Friable asbestos material.
- Category I non-friable ACM that has become friable.
- Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading.
- Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of renovation or demolition operations.

Asbestos abatement should only be performed by a certified asbestos abatement contractor licensed to complete abatement work. The contractor must also follow the standards and requirements set forth per the OSHA Asbestos Standards for Construction (29 CFR 1926.1101) and the USEPA NESHAP (40 CFR Part 61).

Additional information regarding the OSHA Asbestos Standards for Construction (29 CFR 1926.1101) and the USEPA NESHAP (40 CFR Part 61) can be obtained by contacting the associated agency below.

NESHAP Asbestos Program
Department of Environmental Quality
Phone: 517-284-6777

MIOSHA-CSHD-Asbestos Program
State of Michigan
Phone: 517-284-7680
Email: asbestos@michigan.gov

DISCLAIMER

Red Cedar Consulting performed destructive testing methods in an attempt to access and inspect all areas of the Building. Unfortunately, due to the age of construction along with multiple additions/renovations that may have been completed on the Building, additional inspections may be required if suspect ACM material not documented within this report is encountered during renovation/demolition activities.

This report was prepared at the request and for exclusive use by the Ingham County Land Bank and may not be reproduced or sold without written permission from Red Cedar Consulting.

We appreciate the opportunity to provide the requested services. Please contact us at (888) 449-4566 with any questions or concerns.

Sincerely,
Red Cedar Consulting

Aaron Paquet
Michigan/EPA Certified Asbestos Building Inspector
(A30955)

Attachment A

APEX Research Laboratory Analytical Results

Certificate of Laboratory Analysis

Test Method, Polarized Light Microscopy (PLM)

Project: 323 S. Hayford Ave.
Project #: Lansing, MI

Report To:
Mr. Aaron Paquet
Red Cedar Consulting
P.O. Box 13216
Lansing, MI 48901

ARI Report # 25-116560
Date Collected: 03/11/25
Date Received: 03/14/25
Date Analyzed: 03/21/25
Date Reported: 03/21/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 01 Cust. #: HA-HM-01A Material: Roofing M/L Location: Appearance: black,fibrous,nonhomogenous Layer: 1 of 3	Asbestos Present: **NO** No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 116560 - 01a Cust. #: HA-HM-01A Material: Shingle Location: Appearance: black,fibrous,nonhomogenous Layer: 2 of 3	Asbestos Present: **NO** No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 116560 - 01b Cust. #: HA-HM-01A Material: Felt Location: Appearance: black,fibrous,homogenous Layer: 3 of 3	Asbestos Present: **NO** No Asbestos Observed	Fiberglass - 30% Other - 70%

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

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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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 02 Cust. #: HA-HM-01B Material: Roofing M/L Location: Appearance: black,fibrous,nonhomogenous Layer: 1 of 3	Asbestos Present: **NO** No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 116560 - 02a Cust. #: HA-HM-01B Material: Shingle Location: Appearance: black,fibrous,nonhomogenous Layer: 2 of 3	Asbestos Present: **NO** No Asbestos Observed	Fiberglass - 30% Other - 70%
Lab ID #: 116560 - 02b Cust. #: HA-HM-01B Material: Felt Location: Appearance: black,fibrous,homogenous Layer: 3 of 3	Asbestos Present: **NO** No Asbestos Observed	Fiberglass - 30% Other - 70%

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Date Analyzed: 03/21/25
Date Reported: 03/21/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 03 Cust. #: HA-HM-02A Material: Roof Tar Location: Appearance: black,fibrous,homogenous Layer: 1 of 1	Asbestos Present: **YES** Chrysotile - 10%	Other - 90%
Lab ID #: 116560 - 04 Cust. #: HA-HM-02B Material: Roof Tar Location: Appearance: Layer: 1 of 1	Asbestos Present: NOT ANALYZED	
Lab ID #: 116560 - 05 Cust. #: HA-HM-03A Material: Chimney Brick Location: Appearance: red,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%

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Date Analyzed: 03/21/25
Date Reported: 03/21/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 05a Cust. #: HA-HM-03A Material: Mortar Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 06 Cust. #: HA-HM-03B Material: Chimney Brick Location: Appearance: red,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 06a Cust. #: HA-HM-03B Material: Mortar Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%

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Date Reported: 03/21/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 07 Cust. #: HA-HM-04A Material: Cinderblock Mortar Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 08 Cust. #: HA-HM-04B Material: Cinderblock Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 09 Cust. #: HA-HM-05A Material: Window Glaze Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Wollastonite - 1% Other - 99%

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Date Reported: 03/21/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 10 Cust. #: HA-HM-05B Material: Window Glaze Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Wollastonite - 1% Other - 99%
Lab ID #: 116560 - 11 Cust. #: HA-HM-06A Material: 1'x1' Ceiling Tile Location: Appearance: brown,fibrous,homogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 90% Other - 10%
Lab ID #: 116560 - 12 Cust. #: HA-HM-06B Material: 1'x1' Ceiling Tile Location: Appearance: brown,fibrous,homogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 90% Other - 10%

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Date Analyzed: 03/21/25
Date Reported: 03/21/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 13 Cust. #: HA-HM-07A Material: Drywall Location: Appearance: white,fibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 116560 - 14 Cust. #: HA-HM-07B Material: Drywall Location: Appearance: white,fibrous,nonhomogenous Layer: 1 of 1	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 20% Other - 80%
Lab ID #: 116560 - 15 Cust. #: HA-HM-08A Material: White 12"x12" Floor Tile Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 1% Other - 99%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 15a Cust. #: HA-HM-08A Material: Glue Location: Appearance: clear,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 16 Cust. #: HA-HM-08B Material: White 12"x12" Floor Tile Location: Appearance: grey,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 16a Cust. #: HA-HM-08B Material: Glue Location: Appearance: clear,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%

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Date Reported: 03/21/25

Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 17 Cust. #: HA-HS-01A Material: Plaster Finish Coat on Mesh Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 17a Cust. #: HA-HS-01A Material: Plaster Base Coat Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 1% Mica - 10% Other - 89%
Lab ID #: 116560 - 18 Cust. #: HA-HS-01B Material: Plaster Finish Coat on Mesh Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%

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Sample Information	Asbestos Type/Percent	Non-Asbestos Material
Lab ID #: 116560 - 18a Cust. #: HA-HS-01B Material: Plaster Base Coat Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 1% Mica - 10% Other - 89%
Lab ID #: 116560 - 19 Cust. #: HA-HS-01C Material: Plaster Finish Coat on Mesh Location: Appearance: white,nonfibrous,homogenous Layer: 1 of 2	Asbestos Present: **NO** No Asbestos Observed	Other - 100%
Lab ID #: 116560 - 19a Cust. #: HA-HS-01C Material: Plaster Base Coat Location: Appearance: grey,nonfibrous,homogenous Layer: 2 of 2	Asbestos Present: **NO** No Asbestos Observed	Cellulose - 1% Mica - 10% Other - 89%

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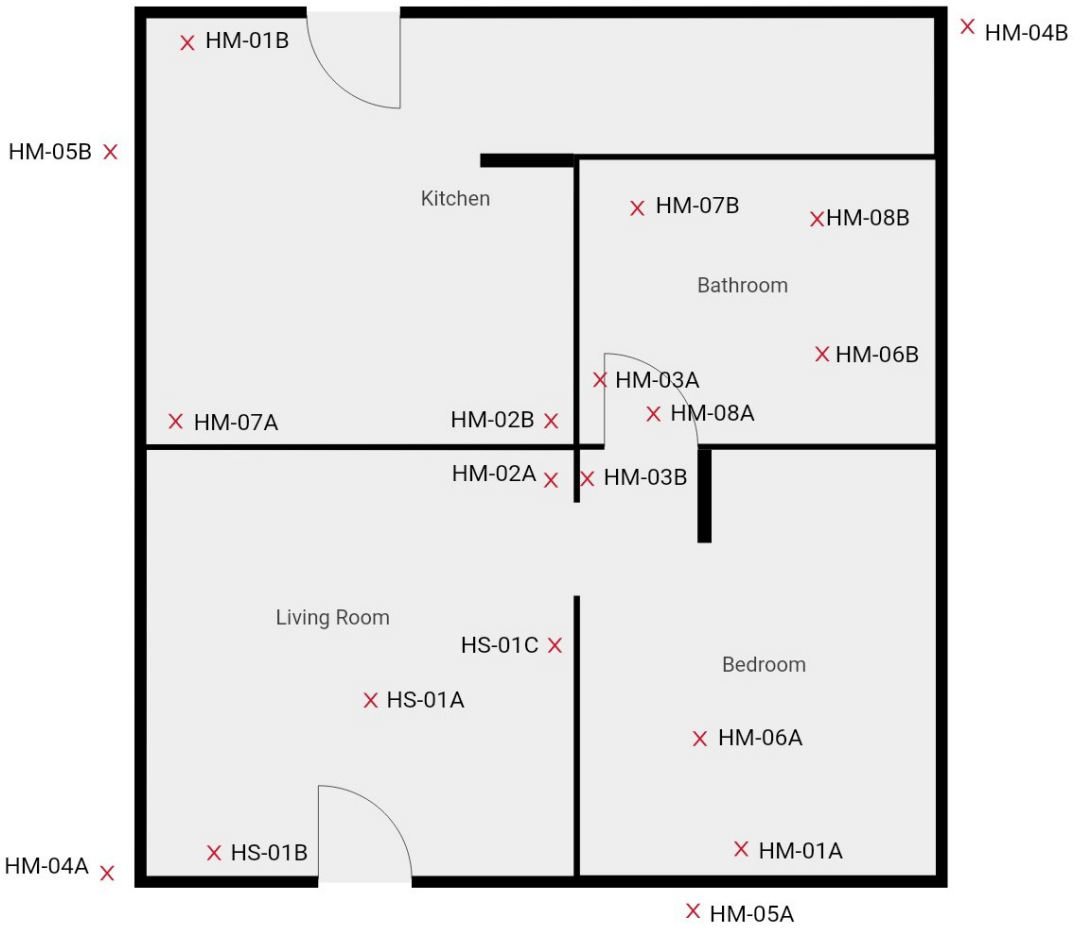
Attachment B

Site Diagrams

Figure 1 Site Diagram



Note: Figure created by Red Cedar Consulting

-Not To Scale-

Asbestos Sample Locations
323 S Hayford Ave.
Lansing, MI

Attachment C

ACM Photos

PHOTO: 1 **BY: Jeff Cain**
SUBJECT: Building Front Exterior

PHOTO: 2 **BY: Jeff Cain**
SUBJECT: Roof Tar Chimney

Attachment D

Inspector Certifications/ID's

MICHIGAN DEPARTMENT OF
LABOR AND ECONOMIC OPPORTUNITY

(http://michigan.gov/miosha)

Individual Profile for CAIN, JEFFERY A.

Name and Address

Name

CAIN, JEFFERY A.

Address

1221 GORDON STREET
MOUNT MORRIS, MI 48458

License Information

Accreditation Type: Contractor/Supervisor

ID#: A14057

Status: Apprvd - Full

Expiration Date: 8/4/2025

Training Expiration Date: 5/2/2025

Accreditation Type: Inspector

ID#: A14057

Status: Apprvd - Full

Expiration Date: 8/4/2025

Training Expiration Date: 5/3/2025

New Search (/Individual/IndividualSearch)

CERTIFICATE NO. NIOSH22090201

Training was conducted in accordance with
the requirements of the NIOSH 582 Course Equivalent;
OSHA 29 CFR 1926.1101, (f); App. A
AND NIOSH 7400 Method, Issue 3 – June 2019.

TILLOTSON ENVIRONMENTAL OCCUPATIONAL CONSULTING

presents this certificate to:

JEFF CAIN

Dated:

AUGUST 30 – SEPTEMBER 2, 2022

for successful completion of the course and examination for:

NIOSH 582 EQUIVALENT COURSE

MICHAEL R. TILLOTSON MSIH, CIH 1978-2018

3530 E. PRICE RD.
ST. JOHNS, MI 48879
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Tables

Table 1 - Summary of Hazardous Materials, 323 S Hayford Ave. Lansing, Michigan

Hazardous Materials Description and Location		
Location	**Material Description**	**Quantity**
No Hazardous Materials Identified		

Table 2 - Summary of Sample Descriptions and Asbestos Laboratory Results, 323 S Hayford Ave. Lansing, Michigan

Sample Number	Sample Description	Friable	Material Type	Material Classification	% Asbestos Laboratory Result	Sample Location	Approx. Material Quantity
HA-HM-01A	Roofing Multilayer	No	M	Category I	ND/ND/ND	Building Exterior	NA
HA-HM-01B	Roofing Multilayer	No	M	Category I	ND/ND/ND	Building Exterior	NA
HA-HM-02A	Roof Tar	No	M	Category I	10%CH	Building Exterior	7 sq. ft.
HA-HM-02B	Roof Tar	No	M	Category I	NA	Building Exterior	NA
HA-HM-03A	Chimney Brick and Mortar	No	M	Category II	ND/ND	Building Exterior	NA
HA-HM-03B	Chimney Brick and Mortar	No	M	Category II	ND/ND	Building Exterior	NA
HA-HM-04A	Cinderblock and Mortar	No	M	Category II	ND	Exterior Foundation	NA
HA-HM-04B	Cinderblock and Mortar	No	M	Category II	ND	Exterior Foundation	NA
HA-HM-05A	Window Glazing	Yes	M	Category II	ND	Bedroom 1	NA
HA-HM-05B	Window Glazing	Yes	M	Category II	ND	Kitchen	NA
HA-HM-06A	1'x1' Ceiling Tile no Glue	Yes	M	Category II	ND	Bedroom 1	NA
HA-HM-06B	1'x1' Ceiling Tile no Glue	Yes	M	Category II	ND	Bathroom	NA
HA-HM-07A	Drywall with Compound	Yes	M	Category II	ND	Kitchen Ceiling	NA
HA-HM-07B	Drywall with Compound	Yes	M	Category II	ND	Bathroom Wall	NA
HA-HM-08A	White 12"x12" Floor Tile	No	M	Category I	ND/ND	Bathroom	NA
HA-HM-08B	White 12"x12" Floor Tile	No	M	Category I	ND/ND	Bathroom	NA
HA-HS-01A	Plaster on Mesh	Yes	S	Category II	ND/ND	Living Ceiling	NA
HA-HS-01B	Plaster on Mesh	Yes	S	Category II	ND/ND	Living Wall	NA
HA-HS-01C	Plaster on Mesh	Yes	S	Category II	ND/ND	Living Wall	NA

Notes:

Material Types

M = Miscellaneous building material
TSI = Thermal System Insulation
S = Surfacing Material
PC = Point Count Analysis
CH = Chrysotile Asbestos

Abbreviations

NQ = Not quantified
NA = Not Analyzed
ND = Not detected. Laboratory result is less than 1 % asbestos
lin. ft. = linear feet
sq. ft. = square feet

Asbestos Containing Material (ACM) is defined as any material containing more than 1 percent asbestos as determined utilizing Polarized Light Microscopy.

Table 3 - Summary of Presumed Asbestos Containing Materials, 323 S Hayford Ave. Lansing, Michigan

Asbestos Containing Material Description and Location					
Location	**Material Description**	**Friable**	**Condition**	**Material Type**	**Approx. Quantity**
No Presumed Asbestos Containing Materials Identified					

Notes:

Material Types

M = Miscellaneous building material
TSI = Thermal System Insulation
S = Surfacing Material

Abbreviations

lin. ft. = linear feet
sq. ft. = square feet

Table 4 - Summary of All Asbestos Containing Materials, 323 S Hayford Ave. Lansing, Michigan

Exterior - Asbestos Containing Materials			
Location	**Material Description**	**Friable**	**Approx. Quantity**
Building Roof Chimney	Roof Tar	No	7 sq. ft.
	Total		**7 sq. ft.**

Notes:

Abbreviations

lin. ft. = linear feet
sq. ft. = square feet

Shaded/Bolded = Friable ACM and any Category I and Category II non-friable ACM that has a high probability of becoming crumbled, pulverized, or reduced to powder by the demolition or renovation activities that must be properly abated prior to commencement of any demolition/renovation activities.

Demolition/renovation activities completed with intact Category I non-friable ACM are regulated by OSHA and must be completed following the OSHA Asbestos Standards for Construction (29 CFR 1926.1101) which limits employee exposure to asbestos.

Please note that a Negative Pressure Enclosure must be utilized during abatement when Site Conditions Warrant. Examples of these conditions include the abatement of Plaster and Vermiculite insulation, HVAC Duct Wrap in Poor Condition, and Air-O-Cell/Mag Pipe Wrap. Conditions outside of these should be assessed on a case by case basis during the Asbestos Abatement Contractors site walk and Work Plan Preparation.