

**H & H
ENVIRONMENTAL**

2699 East CR 50 Tiffin. OH 44883

Tiffin Office: 419-618-3072 Fax: 419-443-0539

Huntsville Office: 937-539-0094 Fax 937-843-3079

hhenvironmental@yahoo.com



Asbestos Survey

2199 Co. Rd. 8; West Mansfield, OH 43358

LUC Regional Planning Commission



2699 East CR 50 Tiffin, OH 44883
Tiffin Office: 419-618-3072 Fax: 419-443-0539
Huntsville Office: 937-539-0094 Fax 937-843-3079
hhenvironmental@yahoo.com

LUC Regional Planning Commision

10/31/23

10820 SR 347

East Liberty, OH 43319

Phone:937-666-3431

Email: heathermartin@lucplanning.com

Heather Martin

Asbestos survey: 2199 Co Rd. 8; West Mansfield, OH 43358

Heather,

H&H Environmental, LLC. has completed an inspection for asbestos-containing materials (ACM) at 2199 Co Rd. 8; West Mansfield, OH 43358. This inspection was performed by Tyler Rister (Certification # 35958) and Jace Hurt (Certification # 36450) on October 25th, 2023 in West Mansfield, OH. Tyler Rister and Jace Hurt maintain a current Ohio EPA Asbestos Inspector Certifications. Proof of these certifications are attached.

Enclosed:

1. Asbestos Survey Cover
2. Asbestos Survey Letter
3. Purpose and Procedure
4. ACM Summary and Notice
5. Sample Chain-of-custody
6. Sample Site Pictures
7. Laboratory Analysis Report (and point-count analysis if applicable)
8. Asbestos Inspector Certifications

Purpose of Inspection:

The ACM inspection was conducted in accordance and observation of EPA NESHAP and OSHA regulations pertaining to the demolition/renovation of regulated structures. This inspection included all applicable and accessible areas of the structure.

Procedure:

The inspection, conducted on 10-25-2023, was completed utilizing applicable Federal and Ohio State regulations pertaining to asbestos: Federal OSHA (29 CFR 1910.1001 and 29 CFR 1926.1101), EPA (40 CFR Part 61), and TSCA Title II AHERA/ASHARA (40 CFR Part 763) Asbestos Regulations. The findings in this report are consistent with accepted principles and practice established and prescribed by the EPA and AHERA.

All accessible areas of the building in West Mansfield, OH were inspected physically, functional space by functional space, and homogeneous area by homogeneous area to determine the presence of asbestos-containing materials. Suspected asbestos-containing materials were grouped per homogeneous area. Suspect materials that may be present inside wall cavities, electrical wiring or which were otherwise inaccessible were not included in the scope of this inspection. Core samples of friable and non-friable suspect asbestos-containing materials were collected to be analyzed for asbestos content. Those materials considered to be non-suspect (concrete, wood, fiberglass, carpeting, metal, etc.) were not sampled for analysis. Each location for sample collection, chosen at random, were representative of the suspect materials. The bulk samples were placed in zip-lock bags, sealed, and labeled with an identifying code. The samples, along with the chain-of-custody, were then submitted to the laboratory, McCall and Spero Environmental, Inc., to be analyzed for asbestos content. A copy of the chain-of-custody is attached.

12 bulk samples of suspected ACM, were submitted to a laboratory for analysis using Polarized Light Microscopy. Laboratory results are attached.

Analytical Results:

H&H Sample # Lab Sample #	Homogenous Area	Layers	Description/ Sample Location	PLM Result
2199-01 PO263HHE.4-01	1	2	Plaster Rm.8 Wall A	15% Chrysotile
2199-02 PO263HHE.4-02	1	2	Plaster Rm.6 Wall D	ND
2199-03 PO263HHE.4-03	1	2	Plaster Rm.7 Wall D	ND
2199-04 PO263HHE.4-04	1	2	Plaster Stairs Wall C	ND
2199-05 PO263HHE.4-05	1	2	Plaster Rm.4 Wall A	ND
2199-06 PO263HHE.4-06	1	2	Plaster Rm.2 Wall C	ND
2199-07 PO263HHE.4-07	1	2	Plaster Rm.1 Wall C	ND
2199-08 PO263HHE.4-08	2	1	Window Glaze Rm.2 Wall C	4% Chrysotile
2199-09 PO263HHE.4-09	2	1	Window Glaze porch Wall D	4% Chrysotile
2199-10 PO263HHE.4-10	3	1	Transite siding outside Rm.2	15% Chrysotile
2199-11	4	1	Asphalt Roofing debris	ND

PO263HHE.4-11			outside Rm. 1&2	
2199-12	4	1	Asphalt Roof debris outside Rm.5	ND
PO263HHE.4-12				

Summary:

Based the analysis of suspected ACM samples, a number of the samples of homogenous areas were determined to be asbestos-containing.

The approximate total of asbestos-containing materials are as follows:

Transite Siding	2,400 Sq.ft.
Wooden Window Glaze	9 Windows

Among the material noted above, the **Transite siding and Window Glazing** material must be removed by a licensed asbestos abatement contractor prior to renovation or demolition if it would impact this material.

Under current Ohio standards materials containing less than 1% are not “asbestos containing material”. However, this material is still regulated under OSHA and must adhere to wet handling, prompt cleanup, disposal requirements set forth by 29 CFR 1926 as applies to demolition operations involving materials containing less than 1% asbestos.

Notice:

An Ohio EPA Notification of Demolition and Renovation form must be completed and submitted to the Ohio EPA at least ten working days prior to the commencement of any abatement or demolition activity. The amount, type and condition of the asbestos-containing materials found in this inspection, as well as the materials assumed to be asbestos-containing materials, must be noted on the form. The name and certification number of the asbestos inspector must be included.

If any additional materials are encountered in these locations, these materials should be left intact and undisturbed until they can be inspected and and sampled by a licensed Asbestos Abatement Evaluation Specialist. H&H Environmental would be happy to return to the site if additional

suspect materials are encountered during demolition activity. The other option is to assume that the material is asbestos-containing and have it abated as such.

This report, and the supporting findings, data, conclusions, and recommendations represents H&H Environmental's efforts on behalf of the client. This report is not an asbestos abatement specification and shouldn't be used for specifying removal techniques or methods. The assessments, conclusions, results, and recommendations stated in this report are representative of the circumstances and conditions observed by the inspector at the date of the inspection. We cannot assume responsibility for any change in conditions or circumstances that occurred after inspection. The findings in this report, if implemented by the client, should not be construed as an assurance or implied warranty for the continuing safety, performance, or cost-effectiveness of any equipment, system, product, procedure, facility, or policy recommended or discussed herein.

The recommendations in this report are based on the professional judgment of the inspector and the results of the samples collected and analyzed. H&H Environmental makes no warranty, expressed or implied, and accepts no liability for the presence or absence of asbestos or other hazardous materials in or on home products, materials, and areas. H&H Environmental assumes no responsibility for the cost of repairing, removing, or replacing any undiscovered or unreported condition or defect, or any future condition or defect.

If you have any questions or concerns please feel free to contact H&H Environmental's Charles E. Hurt at 419-618-3072.

Thank you,

Tyler Rister



AHES # ES 35958

H&H Environmental

Jace Hurt



AHES # ES 36450

H&H Environmental

Site 2199 C. Rd 8

City West Mansfield

State OH

Zip 43358

Renovation Demolition

Levels: 1 2 3 Attic Foundation: Slab Crawl Basement

Exterior: Wood Vinyl Aluminum Asphalt Transite Brick Block

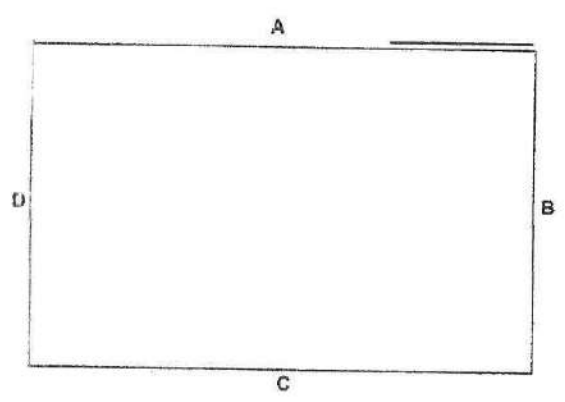
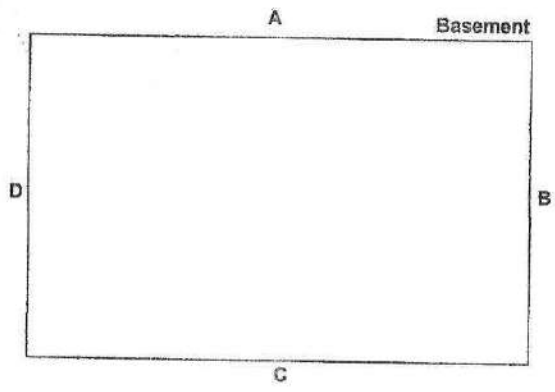
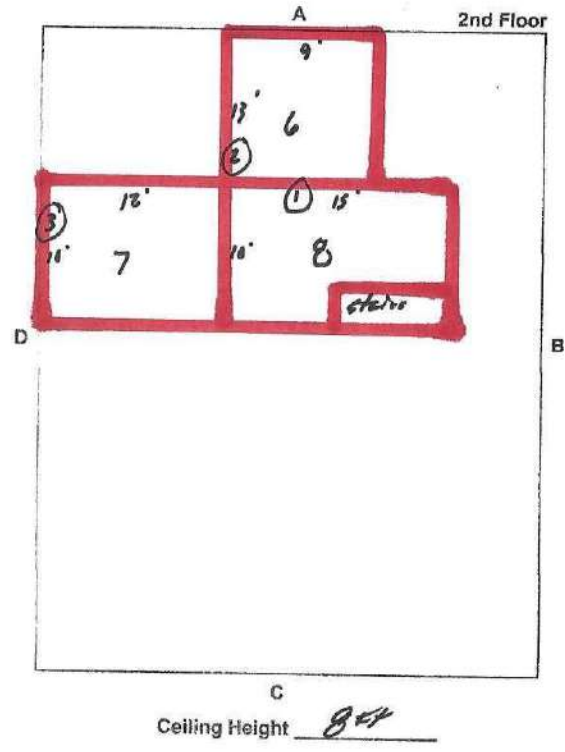
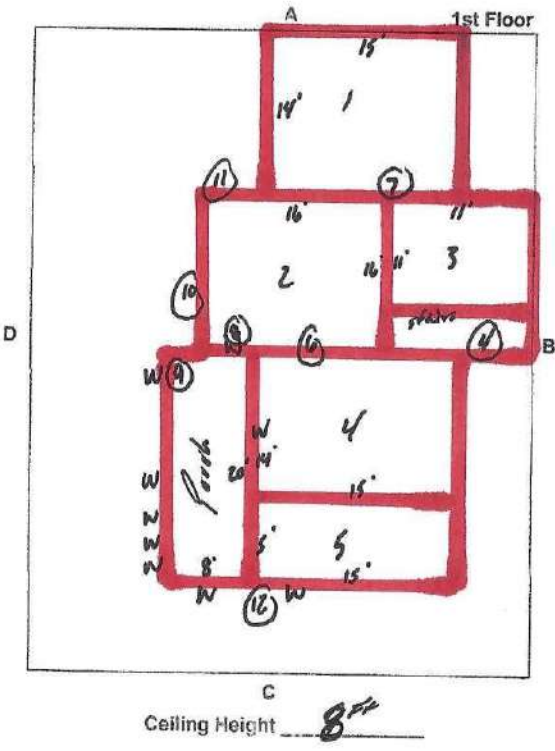
Interior Walls: Drywall Plaster Paneling Transite Other

Windows: Wood Vinyl Metal Other Number

Flooring: Wood Concrete 9" Tile 12" Tile Linoleum Ceramic

Heating: FAF Hot Water Furnace Board Duct Work Seam Tape Duct Boots

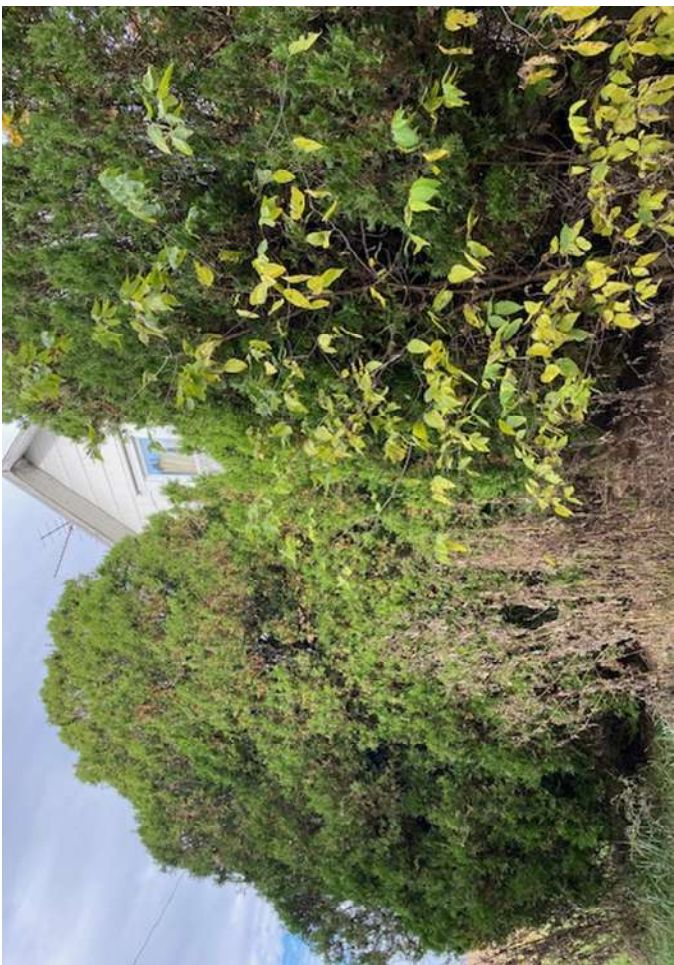
Roofing: Asphalt Metal Transite Build Up Other

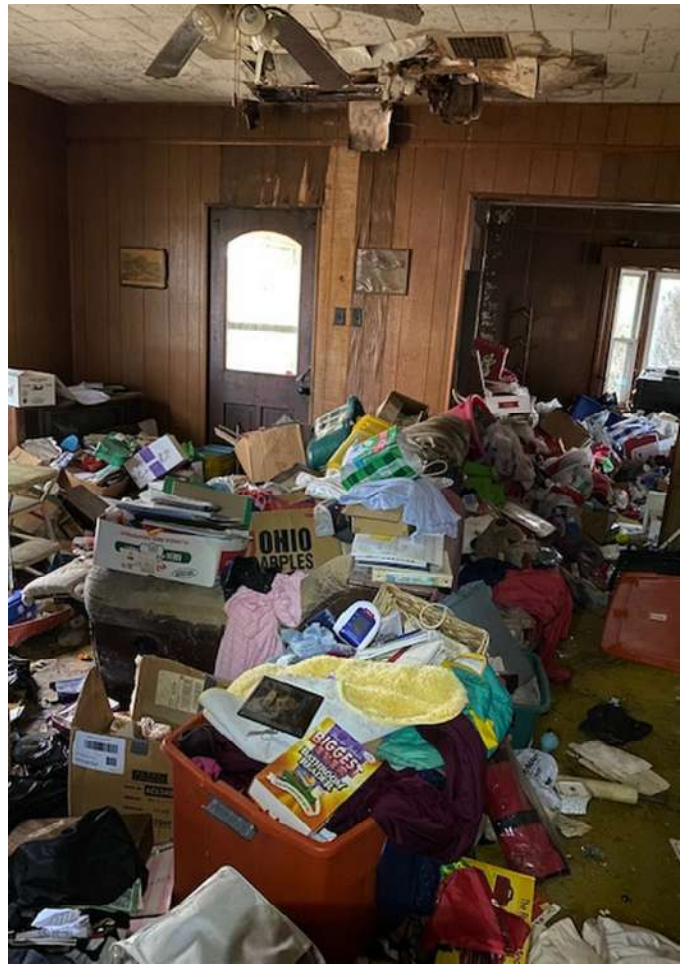


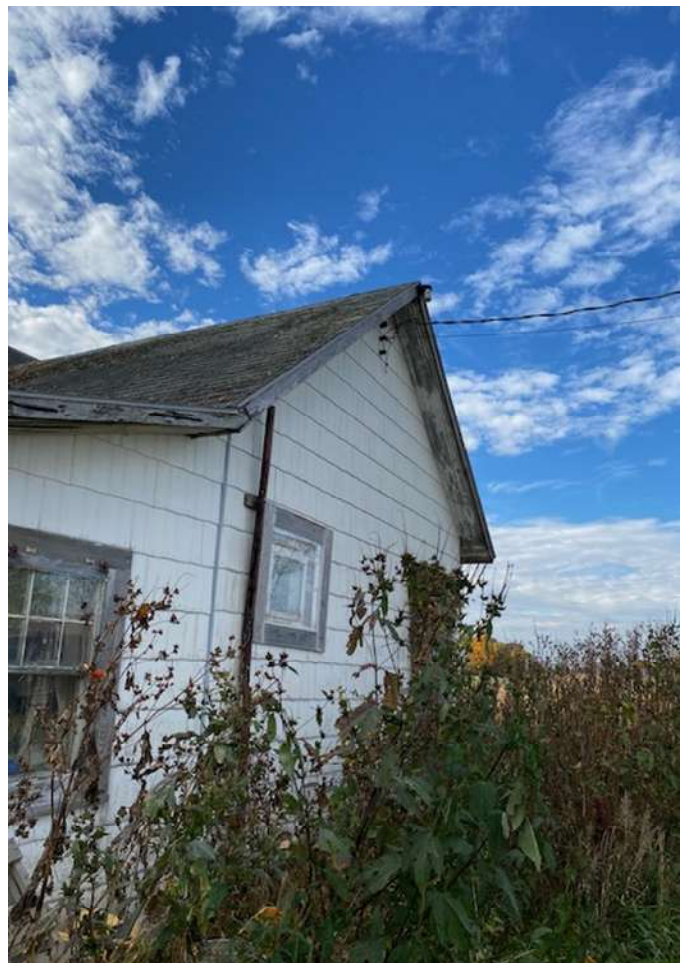
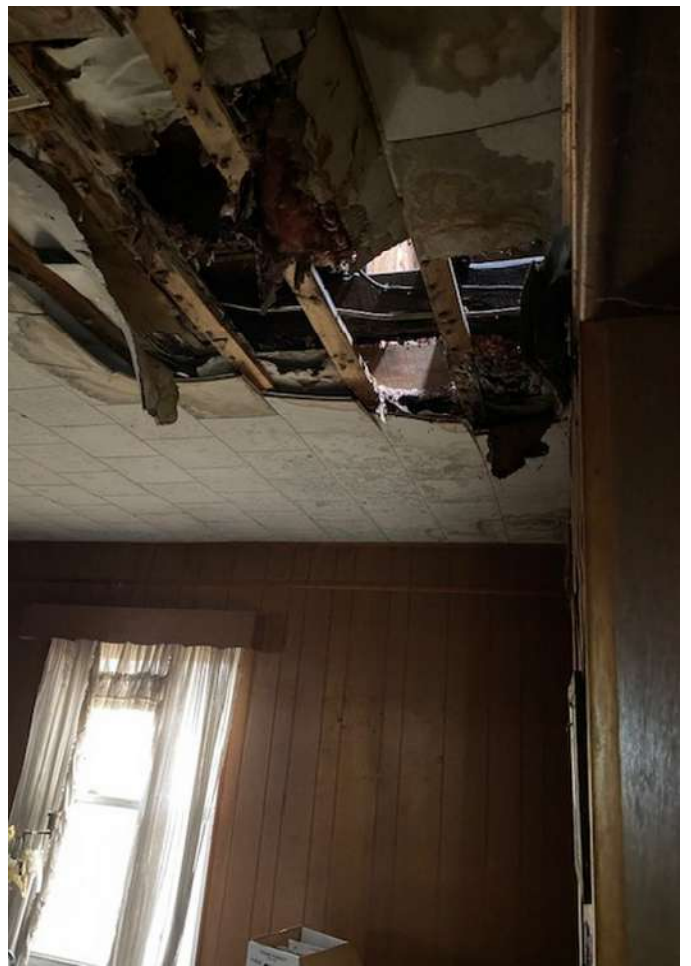
Inspector Tyler Rister

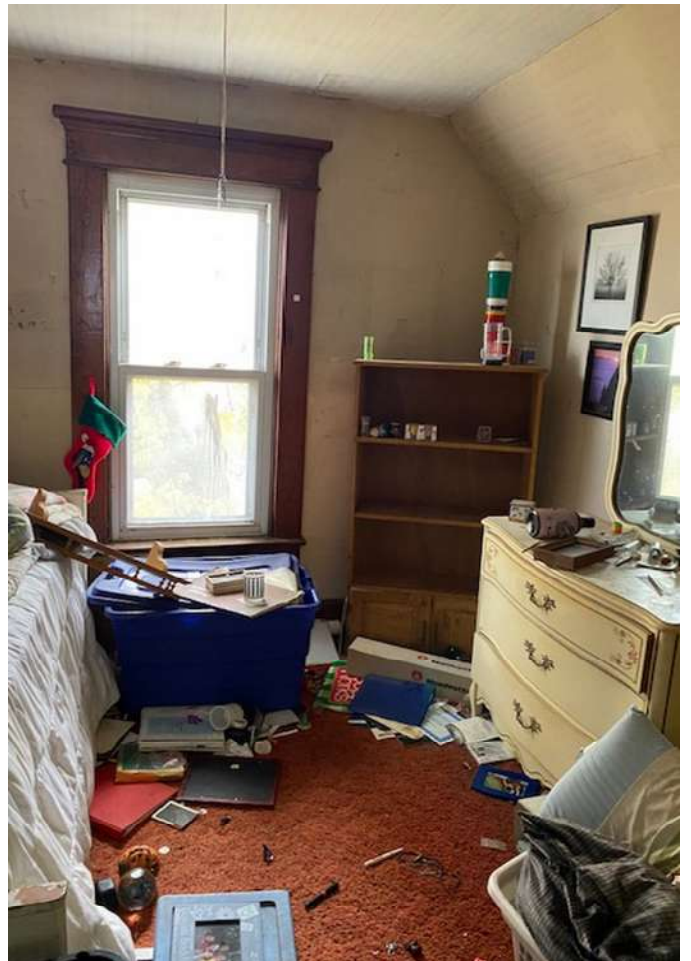
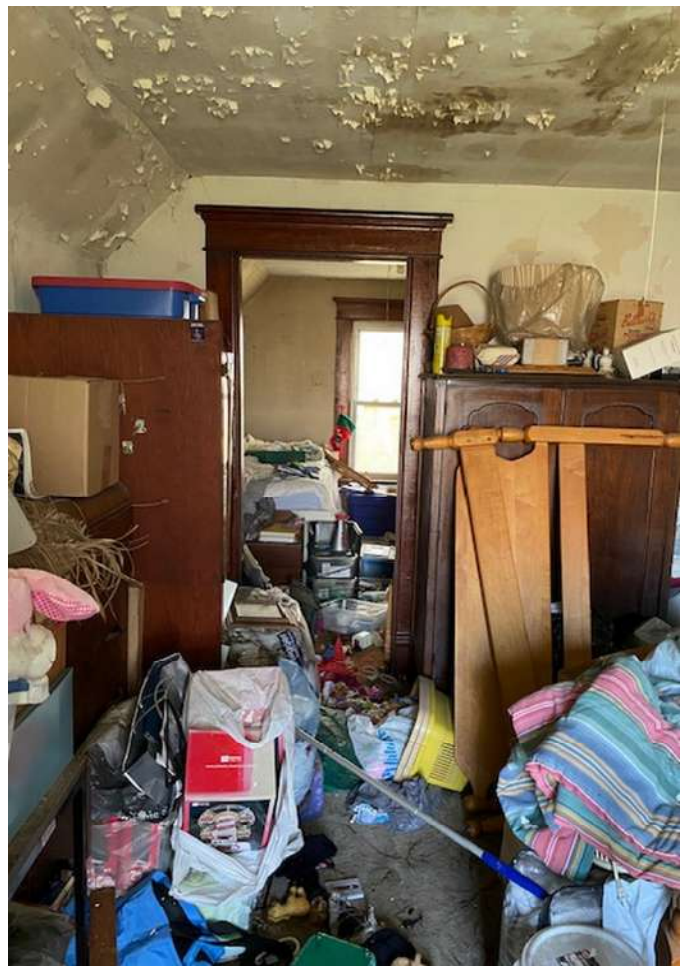
Certification # ES35958

Date 10/05/23





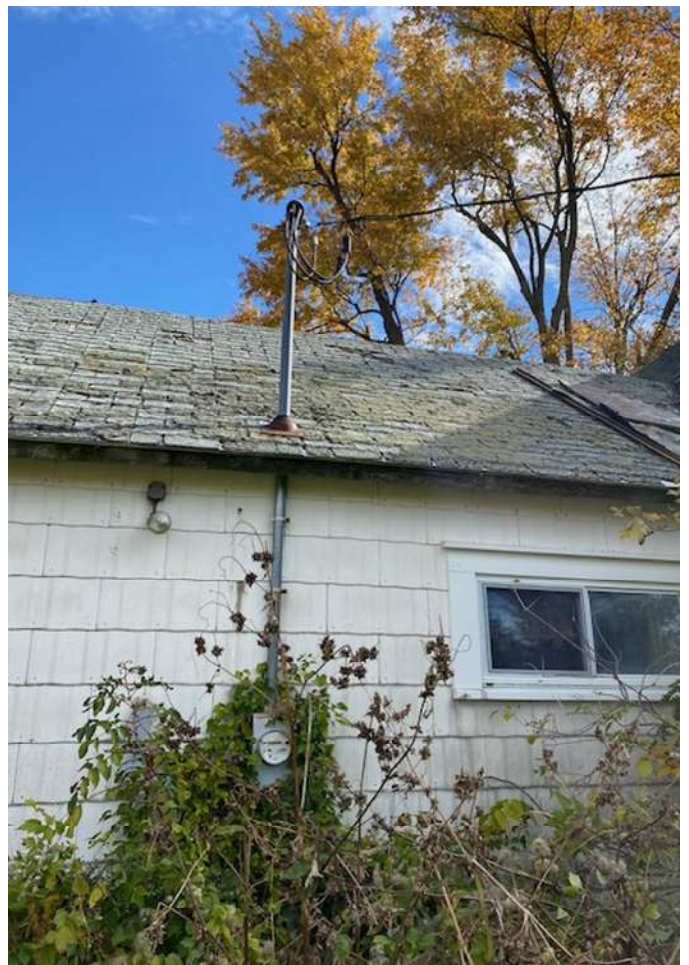
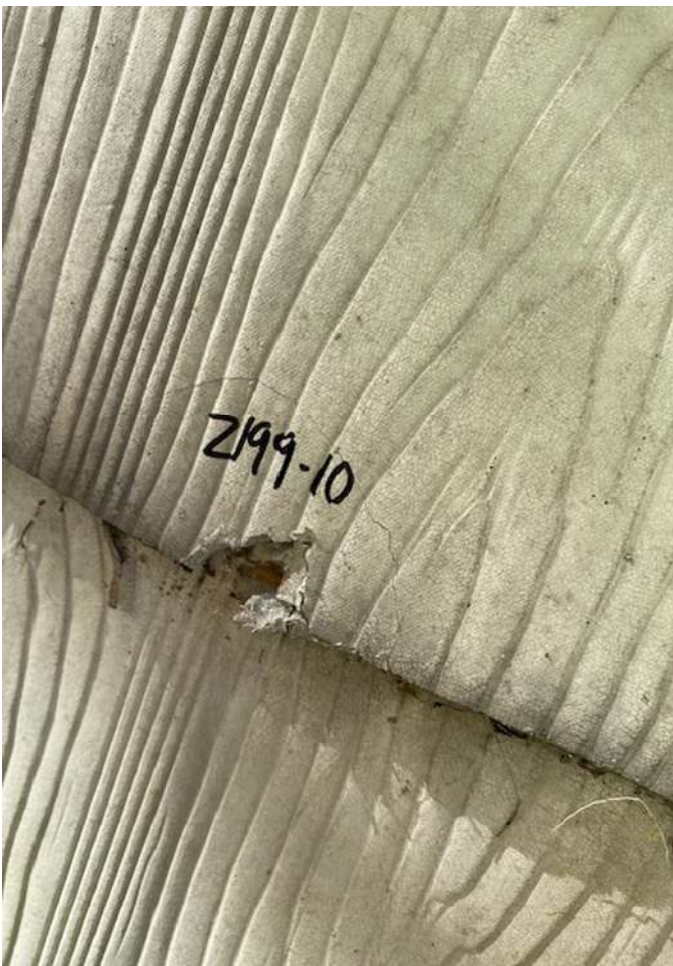
















**McCall and Spero
Environmental, Inc.**

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223
Phone (502) 244-7135 • FAX (502) 244-7136

E-mail: customerservice@mselabs.com • Website: www.mselabs.com

Date: October 26, 2023

Attention: Chuck Hurt
H & H Environmental

Subject: Analysis of bulk samples for asbestos mineral fibers by Polarized Light
Microscopy (PLM) with Dispersion Staining (EPA/600/R-93/116)

RE: MSE-PO263HHE.4
2199 Co Rd. 8; West Mansfield, OH 43358 Project

Dear Mr. Hurt:

McCall & Spero Environmental, Inc. has completed the analysis of the bulk samples we received from your offices on October 26, 2023. These samples represent the bulk samples from the 2199 Co Rd. 8; West Mansfield, OH 43358 Project.

The PLM bulk analysis was performed according to the "Method of the Determination of Asbestos in Bulk Building Materials", R. L. Perkins and B. W. Harvey (EPA/600/R-93/116).

The results for the nineteen (19) samples are summarized in the following report. Please note that for samples consisting of two or more distinct components, each component is analyzed and reported individually (EPA 40 CFR Part 61 [FRL-4821-71]).

Thank you for consulting McCall & Spero Environmental, Inc. Should you have any questions concerning these results, please contact our office.

Sincerely,

Kevin R. Bean, B.A.
PLM Laboratory Director

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 1

Project Name: 2199 Co Rd. 8; West Mansfield, OH 43358 Project
McCall & Spero Environmental Project No. MSE-PO263HHE.4

MSE # PO263HHE.4	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001 (A)	2199-01 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
001 (B)	2199-01 (B) Plaster	ND**	Cellulose / 7% Hair / 3%	90%	Gray
002 (A)	2199-02 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
002 (B)	2199-02 (B) Plaster	ND**	Cellulose / 7% Hair / 3%	90%	Gray
003 (A)	2199-03 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
003 (B)	2199-03 (B) Plaster	ND**	Cellulose / 7% Hair / 3%	90%	Gray
004 (A)	2199-04 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
004 (B)	2199-04 (B) Plaster	ND**	Cellulose / 7% Hair / 3%	90%	Gray
005 (A)	2199-05 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
005 (B)	2199-05 (B) Plaster	ND**	Cellulose / 7% Hair / 3%	90%	Gray
006 (A)	2199-06 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
006 (B)	2199-06 (B) Plaster	ND**	Cellulose / 7% Hair / 3%	90%	Gray
007 (A)	2199-07 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
007 (B)	2199-07 (B) Plaster	ND**	Cellulose / 7% Hair / 3%	90%	Gray
008	2199-08 Window Glaze	CH / 4%	Cellulose / 2%	94%	White

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

MSE # PO263HHE.4	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
009	2199-09 Window Glaze	CH / 4%	Cellulose / 2%	94%	White
010	2199-10 Transite Siding	CH / 15%	ND	85%	Gray
011	2199-11 Asphalt Roof	ND**	Cellulose / 30%	70%	Black
012	2199-12 Asphalt Roof	ND**	Cellulose / 30%	70%	Black

NOTES:

ND = None Detected

CH = Chrysotile

A = Amosite

AC = Actinolite

CR = Crocidolite

AN = Anthophyllite

TR = Tremolite

For samples consisting of separate components, each component is analyzed and reported separately.

Results apply only to items tested. Quantification is accurate to within $\pm 10\%$. Results from this report must not be reproduced, except in full, with the approval of McCall & Spero Environmental, Inc. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

** EPA recommends that bulk materials found negative for asbestos or less than one percent asbestos by polarized light microscopy that fall into one of five dominantly nonfriable categories be reanalyzed by an additional method, such as transmission electron microscopy. (EPA Notice of Advisory, FR Vol. 59, No. 146 & Test Method EPA 600/ R-93/ 116).

Analyst: Kevin R. Bean, B.A.



McCall & Spero Environmental, Inc.



**McCall and Spero
Environmental, Inc.**

Specialists in Microanalysis

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Phone (502) 244-7135 • (800) 841-0180 • FAX (502) 244-7136

E-mail: customerservice@mseilabs.com • Website: www.mseilabs.com

BULK SAMPLE CHAIN OF CUSTODY FORM

Company: H&H Environmental Telephone # 419-618-3072 Fax #: 419-443-0539
 Contact: Chuck Hurt Client Project Number: _____
 Relinquished by: Tyler Rister Date: 10/25/23 Time: 10⁰⁰
 Written Report To: Ike Hurt
 Project Name: 2199 G. Rd. 8 West Mansfield OH 43358
 Turn-Around (Circle One): Same Day 24 Hour 2-3 Day 4-5 Day Weekend Rush After Hour Rush
 Analysis Requested (Circle One): PLM Bulk Analysis TEM Qualitative Analysis TEM Quantitative Analysis (4-5 Day)

For Laboratory Use Only

MSE Project # PO263HHE-4 Method: EPA/600/R-93/116
 Samples Received by: [Signature] Date: 10/26/23 Time: 12M

Client Sample Number	Location	Sample Description	Sampled By
2199-01	Plaster room 8 wall A		
2199-02	Plaster room 6 wall D		
2199-03	Plaster room 7 wall D		
2199-04	Plaster stairs wall C		
2199-05	Plaster room 4 wall A		
2199-06	Plaster room 2 wall C		
2199-07	Plaster room 1 wall C		
2199-08	Window Glaze room 2 wall C		
2199-09	Window Glaze Porch wall D		
2199-10	Transite Siding outside room 2		
2199-11	Asphalt Roof debris outside room 1/2		
2199-12	Asphalt Roof debris outside room 5		



TRAINING SERVICES INTERNATIONAL

Asbestos Building Inspector Refresher

Certificate


This is to certify

Tyler Rister

XXXX-XX-1478



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Building Inspector Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code; and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSitraining.com

Course Certificate No. **22 TSI 418145 it**



TRAINING SERVICES INTERNATIONAL

Asbestos Management Planner Refresher

Certificate


This is to certify

Tyler Rister

XXXX-XX-1478



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Management Planner Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSITraining.com

Course Certificate No. **22 TSI 418151 mpr**



TRAINING SERVICES INTERNATIONAL

Asbestos Contractor Supervisor Refresher

Certificate


This is to certify

Tyler Rister

XXXX-XX-1478



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Contractor Supervisor Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act, State of Indiana requirements under 326 IAC 18-2, Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request

	11/29/23	11/29/22	11/29/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSitraining.com

Course Certificate No. **22 TSI 418032 CSR**



TRAINING SERVICES INTERNATIONAL

Asbestos Building Inspector Refresher

Certificate


This is to certify

Jace Hurt

XXXX-XX-0133



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Building Inspector Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSItraining.com

Course Certificate No. **22 TSI 418147 ir**



TRAINING SERVICES INTERNATIONAL

Asbestos Management Planner Refresher

Certificate

This is to certify

Jace Hurt

XXXX-XX-0133



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Management Planner Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act and State of Indiana requirements under 326 IAC 18-2 and Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/30/23	11/30/22	11/30/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSItraining.com

Course Certificate No. **22 TSI 418153 mpr**



TRAINING SERVICES INTERNATIONAL

Asbestos Contractor Supervisor Refresher

Certificate


This is to certify

Jace Hurt

XXXX-XX-0133



has attended and successfully completed the Asbestos Hazard Emergency Response Act mandatory course for the Asbestos Contractor Supervisor Refresher and has passed an examination in that course with a minimum score of 70% or better. Training was in accordance with 40 CFR Part 763 (AHERA). The above student received the requisite training for asbestos accreditation under Title II of the Toxic Substances Control Act, State of Indiana requirements under 326 IAC 18-2, Chapter 3745-22 Ohio Administrative Code, and the Illinois Department of Public Health (IDPH) under section 855.120 of Title 77. IDPH recognition based on student request.

	11/29/23	11/29/22	11/29/2022	Columbus, OH
Training Manager	Expiration Date	Date(s) of Course	Examination Date	Course Location

33150 Lakeland Blvd.
Cleveland, OH 44095
www.TSItraining.com

Course Certificate No. **22 TSI 418034 CSR**