



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

202 Koke St.

DeGraff, OH 43318

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 Commission

8-27-24

10820 SR 347

East Liberty, OH 43319

Phone: 937-666-3431

Email: heathermartin@lucplanning.com

Asbestos Survey: 202 Koke St. DeGraff, OH 43318

Heather,

H&H Environmental, LLC. has completed an inspection for asbestos-containing materials (ACM) at 202 Koke St. DeGraff, OH 43318. This inspection was performed by Tyler Rister (Certification # 35958) and Jace Hurt (Certification #36450) on August 23rd in DeGraff, OH. Tyler Rister and Jace Hurt maintain a current Ohio EPA Asbestos Inspector Certification. Proof of this certification is 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 8-23-24, 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 buildings in DeGraff, 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.

14 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
202-01 P8264HHE.2-001	1	1	Transite siding outside room 1	10% Chrysotile
202-02 P8264HHE.2-002	2	1	Transite roofing outside room 1	10% Chrysotile
202-03 P8264HHE.2-003	3	1	TSI duct basement near stairs	15% Chrysotile
202-04 P8264HHE.2-004	4	2	Plaster room 6 wall B	ND
202-05 P8264HHE.2-005	4	2	Plaster room 7 ceiling	ND
202-06 P8264HHE.2-006	4	2	Plaster stairs ceiling	ND
202-07 P8264HHE.2-007	4	2	Plaster room 1 wall A	ND
202-08 P8264HHE.2-008	4	2	Plaster room 4 wall B	ND
202-09 P8264HHE.2-009	5	1	Window glaze room 6 wall A	3% Chrysotile
202-10 P8264HHE.2-010	5	1	Window glaze room 1 wall A	3% Chrysotile
202-11	6	1	Asphalt roof outside	ND

P8264HHE.2-011			room 4	
202-12 P8264HHE.2-012	6	1	Asphalt roof garage	ND
202-13 P8264HHE.2-013	7	1	Window glaze garage	3% Chrysotile
202-14 P8264HHE.2-014	7	1	Window glaze garage	3% Chrysotile

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 (on house and garage)	2,200 sq. ft.
Transite Roofing Material (on house)	580 sq. ft.
TSI Duct/Boots (5 boots and 15 sq. ft. of duct)	32 sq. ft.
Window Glaze (wood windows)	2 Windows

Among the material noted above, the **transite siding, transite roofing, TSI duct/boots, and window glaze** material must be removed by a licensed asbestos abatement contractor prior to demolition or renovation where such renovation activities would impact this material.

*Note: footage are approximate values and should be field verified prior to providing an abatement estimate.

Per Current Ohio regulations materials 1% (or below) are considered to be non-asbestos containing materials. However are still subject to OSHA regulations 29 CFR 1926.1101 in which wet methods, or wetting agents, to control employee exposures during asbestos handling, mixing, removal, cutting, application, and cleanup, except where employers demonstrate that the use of wet methods is infeasible due to for example, the creation of electrical hazards, equipment malfunction, and, in roofing, except as provide in paragraph (g)(8)(ii) of this section; and prompt clean-up and disposal of wastes and debris

contaminated with asbestos in leak-tight containers except in roofing operations, where the procedures specified in paragraph (g)(8)(ii) of this section apply.

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 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 an 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

Certification #ES35958

H&H Environmental

Jace Hurt

Certification#ES36450

Site 202 Koke St.

City Reynolds

State OH Zip 43318

HA #	Material	Room Location	Color	Condition	Quantity
#1	Transite Siding	Siding (House/Garage)	white	G/F	2,200 SF
#2	Transite Roof	House	Grey	G/F	580 SF
#3	Fib. Part/Boots	5 boots, 16 SF Part	Grey/white	G	32 SF
#4	Plaster	Throughout	NA	G/F	4,100 SF
#5	Window Casings (Wood)	Throughout (House)	white	G/F	16 windows
#6	Asphalt Roof	House/Garage	Black	P	780 SF
#7	Window Casings (Wood)	Garage	white	G/F	2 windows
* Asphalt Roofing can remain for demo					

* G = Good F = Fair P = Poor FR = Friable NF = Non Friable

Notes:

Building Clean Out: Yes/No

* 2 story house * Transite Siding (House/Garage) * Plaster
 * Transite Roof (House) * House full of junk * Siding
 * 12" wood fiber ceiling tile No suspect * Wind Windows
 * Blown insulation No suspect * 1st flr boots pull from basement
 * down 4 ceiling/roof falling in * No suspect flooring
 * Garage Per Shop (Roofing)

Inspector Tyler Rister

Certification # ES35958

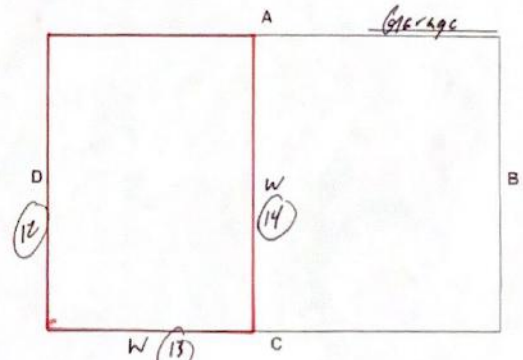
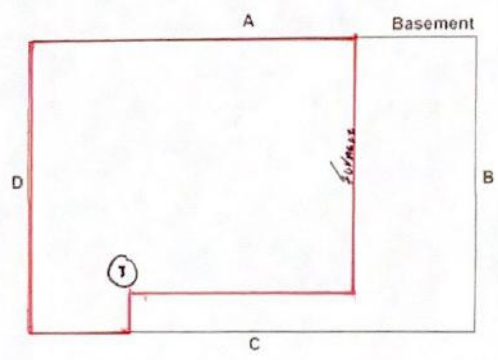
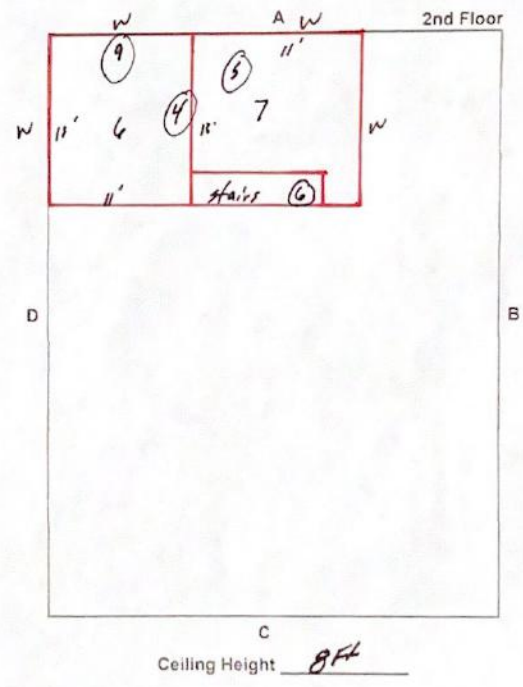
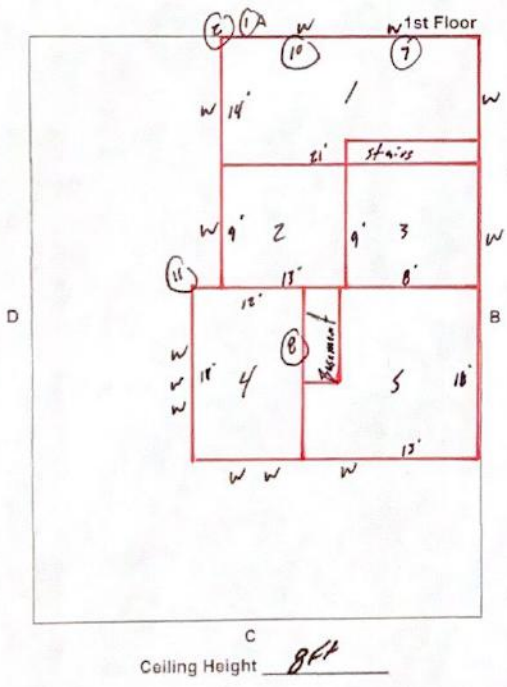
Date 8/23/24

H&H Environmental

Asbestos Inspection Work Sheet

Site 202 Wake St. City Deerfield State OH Zip 43018

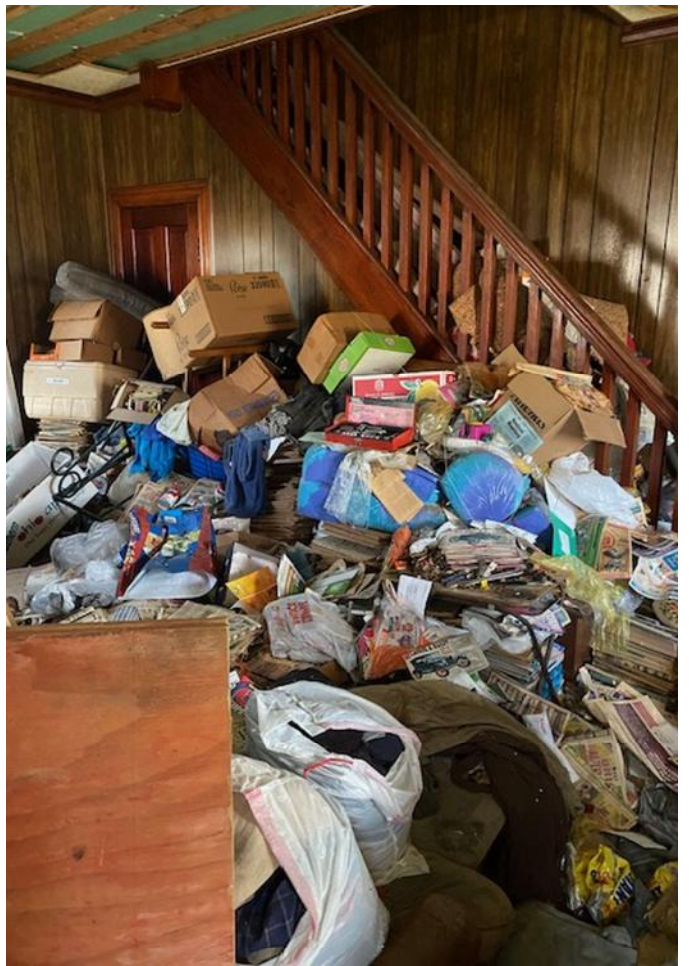
Renovation Demolition
 Levels: 1 2 3 Attic Foundation: Slab Crawl Basement
 Exterior: Wood Vinyl Aluminum Asphalt Transite Brick Block
 Interior Walls: Drywall Plaster Paneling Transite Other
 Windows: Wood Vinyl Metal Other Number 18
 Flooring: Wood Concrete 9" Tile 12" Tile Linoleum Ceramic
 Heating: FAF Hot Water Furnace Board Duct Work Seam Tape Duct Boots
 Roofing: Asphalt Metal Transite Build Up Other

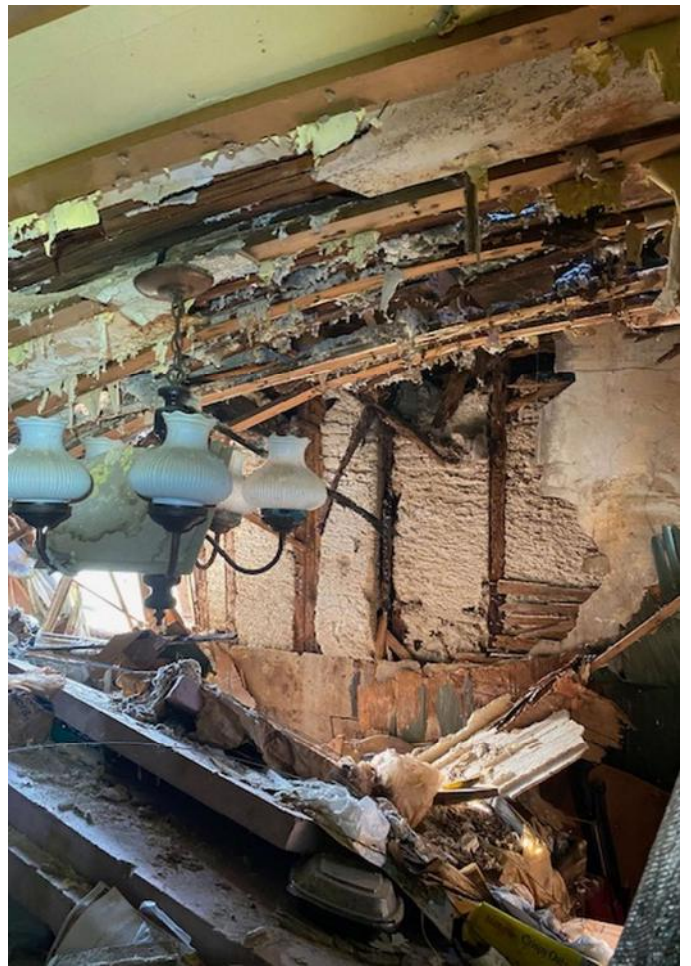
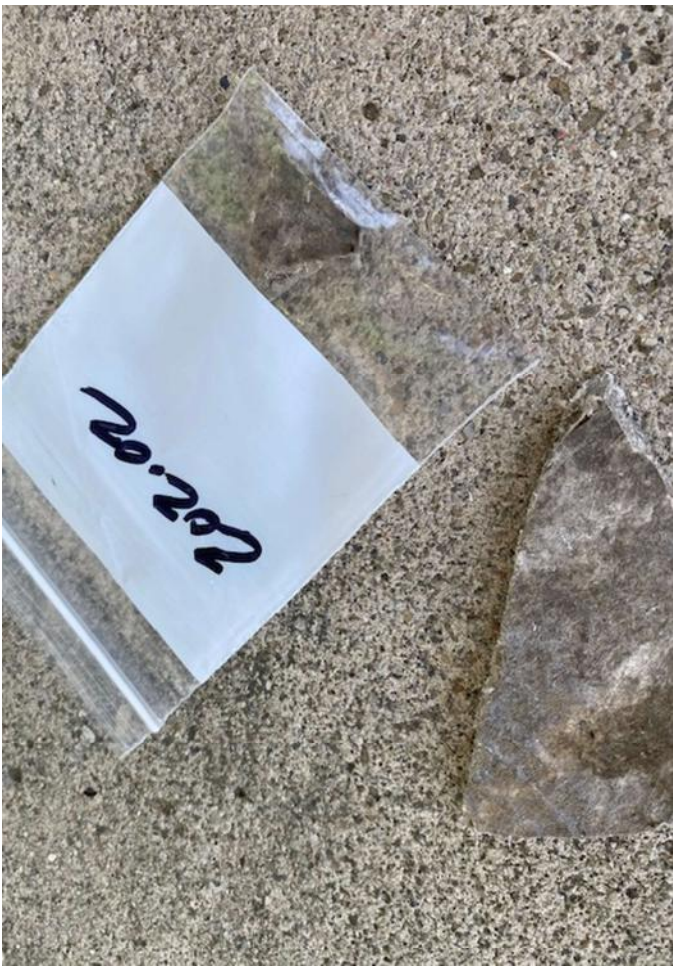


Inspector Tyler Rister

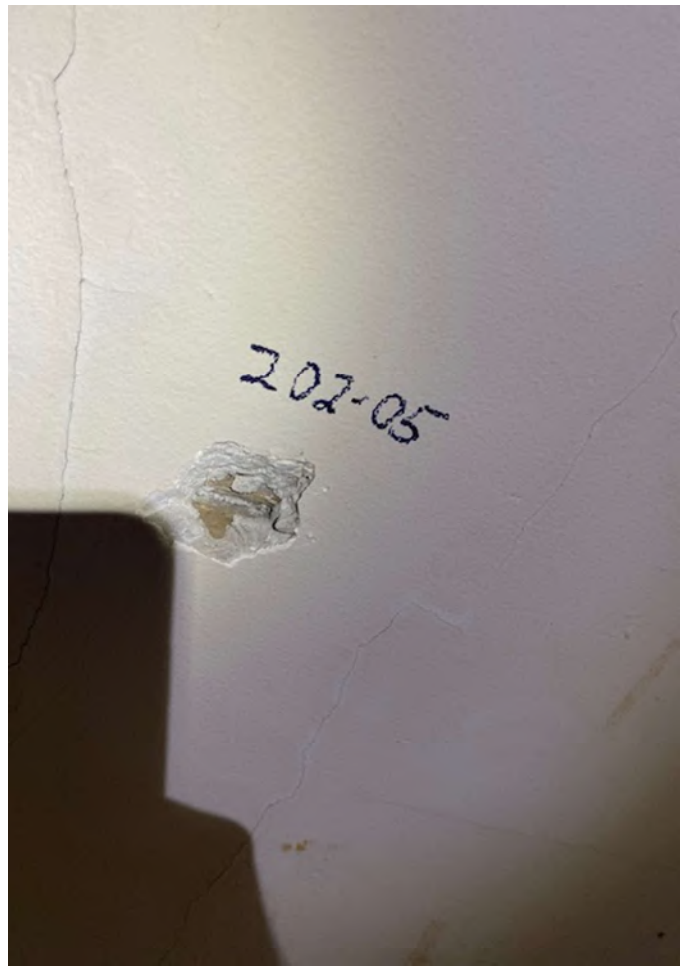
Certification # ES35958

Date 8/23/24















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@mse-labs.com • Website: www.mse-labs.com

Date: August 26, 2024

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-P8264HHE.2
202 Koke St; DeGraff, OH 43318 Project

Dear Mr. Hurt:

McCall & Spero Environmental, Inc. has completed the analysis of the bulk samples we received from your offices on August 26, 2024. These samples represent the bulk samples from the 202 Koke St; DeGraff, OH 43318 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,

A handwritten signature in black ink that reads "Taylor Stone". The signature is written in a cursive, slightly slanted style.

Taylor B. Stone
Senior Analyst

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 1

Project Name: 202 Koke St; DeGraff, OH 43318 Project
McCall & Spero Environmental Project No. MSE-P8264HHE.2

MSE # P8264HHE.2	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001	202-01 Transite Siding	CH / 10%	Cellulose / 10%	80%	Gray
002	202-02 Transite Roofing	CH / 10%	Cellulose / 20%	70%	Gray
003	202-03 TSI Duct	CH / 15%	Cellulose / 20%	65%	Tan/Gray
004 (A)	202-04 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Gray
004 (B)	202-04 (B) Skim Coat	ND**	Cellulose / 2%	98%	Orange
005 (A)	202-05 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Gray
005 (B)	202-05 (B) Skim Coat	ND**	Cellulose / 2%	98%	Orange
006 (A)	202-06 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Gray
006 (B)	202-06 (B) Skim Coat	ND**	Cellulose / 2%	98%	Blue
007 (A)	202-07 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Gray
007 (B)	202-07 (B) Skim Coat	ND**	Cellulose / 2%	98%	Green
008 (A)	202-08 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Gray
008 (B)	202-08 (B) Skim Coat	ND**	Cellulose / 2%	98%	Green
009	202-09 Window Glaze	CH / 3%	Cellulose / 7%	90%	White
010	202-10 Window Glaze	CH / 3%	Cellulose / 7%	90%	White

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

MSE #	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
P8264HHE.2 011	202-11 Asphalt Roof	ND**	Cellulose / 20% Glass / 20%	60%	Black
012	202-12 Asphalt Roof	ND**	Cellulose / 20% Glass / 20%	60%	Black
013	202-13 Window Glaze	CH / 3%	Cellulose / 7%	90%	Black/White
014	202-14 Window Glaze	CH / 3%	Cellulose / 7%	90%	Black/White

NOTES:

ND = None Detected
CR = Crocidolite

CH = Chrysotile
AN = Anthophyllite

A = Amosite
TR = Tremolite

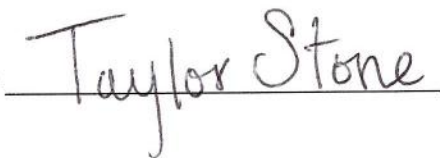
AC = Actinolite

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: Taylor B. Stone



McCall & Spero Environmental, Inc.



McCall and Spero
Environmental, Inc.

Specialists in Microanalysis

1831 Williamson Court • Suite 100 • Louisville, KY 40223
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: 8/23/24 Time: 800
 Written Report To: Ike Hurt
 Project Name: 202 Woke St. DeGruff OH 43318
 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 # D8264HME.2 Method: EPA/600/R-93/116
 Samples Received by: TBS Date: 8/26/24 Time: 130

Client Sample Number	Location	Sample Description	Sampled By
202-01	Transite Siding	outside room 1	
202-02	Transite Paving	outside room 1	
202-03	T.S.I	Duct basement near stairs	
202-04	Plaster	room 6 wall B	
202-05	Plaster	room 7 ceiling	
202-06	Plaster	stairs ceiling	
202-07	Plaster	room 1 wall A	
202-08	Plaster	room 4 wall B	
202-09	Window Glaze	room 6 wall A	
202-10	Window Glaze	room 1 wall A	
202-11	Asphalt	Roof outside room 4	
202-12	Asphalt	Roof Garage	
202-13	Window Glaze	Garage	
202-14	Window Glaze	Garage	



Mike DeWine, Governor
Jon Husted, Lt. Governor
Anne M. Vogel, Director

12/19/2023

Tyler Rister
H&H Environmental, LLC
2699 East County Road 50
Tiffin, OH 44883

RE: Evaluation Specialist
Certification Number: ES35958
Expiration Date: 1/26/2025

Dear Tyler Rister:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Brandon M. Schwendeman

Brandon Schwendeman
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

State of Ohio
Environmental Protection Agency
Asbestos Program

Asbestos Hazard Evaluation Specialist

Tyler
Rister



H&H Environmental, LLC
2699 East County Road 50
Tiffin OH 44883

Certification Number Expiration Date
ES35958 1/26/25



DOB: 6/1/91
Card not Valid
if Altered

Suite 700 • P.O. Box 1049 • Columbus, OH 43216-1049
gov • (614) 644-3020 • (614) 644-3184 (fax)



Mike DeWine, Governor
Jon Husted, Lt. Governor
Anne M. Vogel, Director

12/19/2023

Jace Hurt
H&H Environmental, LLC
2699 East County Road 50
Tiffin, OH 44883

RE: Evaluation Specialist
Certification Number: ES36450
Expiration Date: 12/19/2024

Dear Jace Hurt:

This letter and enclosed certification card approves your request to be certified as an asbestos Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of the Ohio Environmental Protection Agency (EPA) for violation of any of the requirements of 3745-22 or 3745-20 of the Ohio Administrative Code.

If you have any questions, please contact the Asbestos Program at 614-644-0226 or by email at asbestoslicensing@epa.ohio.gov.

Sincerely,

Brandon M. Schwendeman

Brandon Schwendeman
Manager, Business Operations Support Section
Ohio EPA - Division of Air Pollution Control

50 West Town Street • Suite 700 • P.O. Box 100
epa.ohio.gov • (614) 644-3021

State of Ohio
Environmental Protection Agency
Asbestos Program

Asbestos Hazard Evaluation Specialist

**Jace
Hurt**




H&H Environmental, LLC
2699 East County Road 50
Tiffin OH 44883

DOB: 3/4/96

Certification Number Expiration Date
ES36450 12/19/24

Card not Valid if Altered