



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

444 Plumvalley St.

Bellefontaine, OH 43311

LUC Regional Planning Commission



2699 East CR 50 Tiffin. OH 44883
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LUC Regional Planning Commission

11-7-23

10820 SR 347

East Liberty, OH 43319

Phone: 937-666-3431

Email: heathermartin@lucplanning.com

Asbestos Survey: 444 Plumvalley St. Bellefontaine, OH 43311

Heather,

H&H Environmental, LLC. has completed an inspection for asbestos-containing materials (ACM) at 444 Plumvalley St. Bellefontaine, OH 43311. This inspection was performed by Tyler Rister (Certification # 35958) and Jace Hurt (Certification #36450) on November 1st in Bellefontaine, 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 11-1-23, 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 Bellefontaine, 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.

15 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
444-01 PN23HHE.3-001	1	2	Plaster room 7 wall D	ND
444-02 PN23HHE.3-002	1	2	Plaster room 10 wall C	ND
444-03 PN23HHE.3-003	1	2	Plaster room 11 wall A	ND
444-04 PN23HHE.3-004	1	2	Plaster room 1 wall D	ND
444-05 PN23HHE.3-005	1	2	Plaster room 5 wall A	ND
444-06 PN23HHE.3-006	2	1	Window glaze room 10 wall D	ND
444-07 PN23HHE.3-007	2	1	Window glaze room 1 wall A	ND
444-08 PN23HHE.3-008	3	1	Linoleum (tan) room 4 near wall A	ND
444-09 PN23HHE.3-009	3	1	Linoleum (tan) room 4 near wall D	ND
444-10 PN23HHE.3-010	4	2	12" tile/glue (white) room 3 near wall B	ND
444-11	4	2	12" tile/glue (white)	ND

PN23HHE.3-011			room 3 near wall C	
444-12 PN23HHE.3-012	5	1	Linoleum (white/blue) room 7 near wall C	ND
444-13 PN23HHE.3-013	5	1	Linoleum (white/blue) room 7 near wall A	ND
444-14 PN23HHE.3-014	6	1	Asphalt roofing outside room 1	ND
444-15 PN23HHE.3-015	6	1	Asphalt roofing outside room 2	ND

Summary:

Based the analysis of suspected ACM samples, none of the samples of homogenous areas were determined to be asbestos-containing.

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

No Asbestos-containing Materials

Among the material noted above, none of the 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

Jace Hurt



Certification#ES36450

H&H Environmental

Site 444 Plumvalley St. City Bellefontaine State OH Zip 43311

Renovation Demolition

Levels: 1 2 3 Attic Foundation: Slab Crawl Basement

Exterior: Wood Vinyl Aluminum Asphalt Transite Brick Block

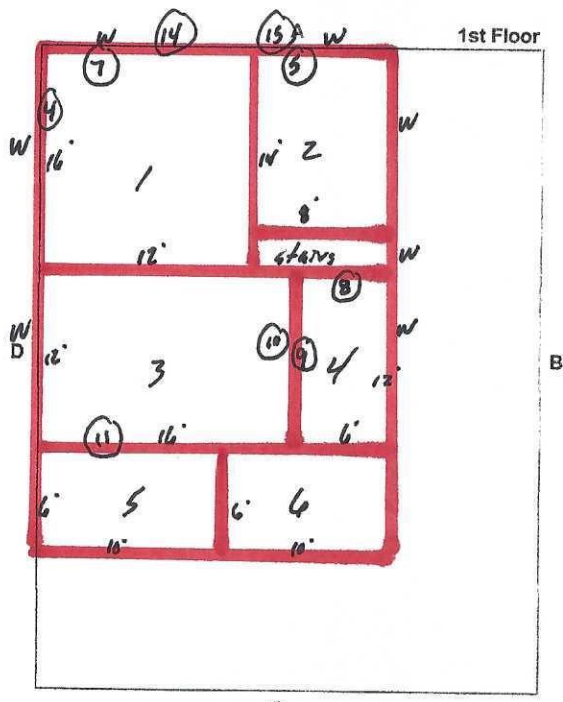
Interior Walls: Drywall Plaster Paneling Transite Other

Windows: Wood Vinyl Metal Other Number 12

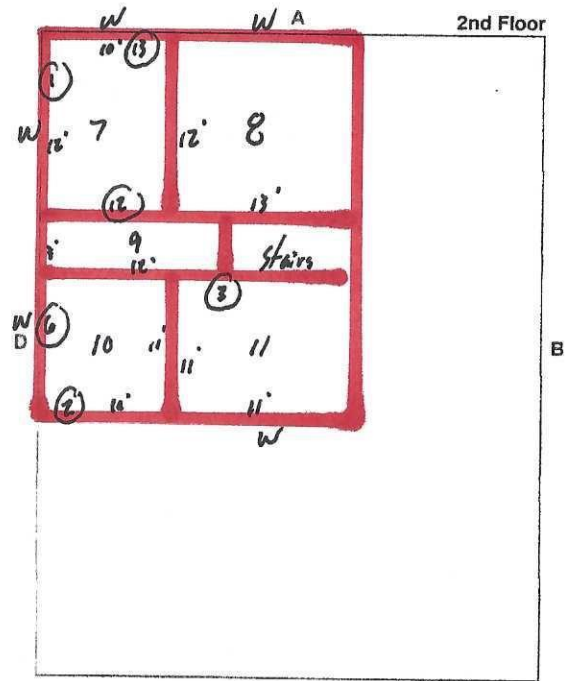
Flooring: Wood Concrete 9" Tile 12" Tile Linoleum Ceramic

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

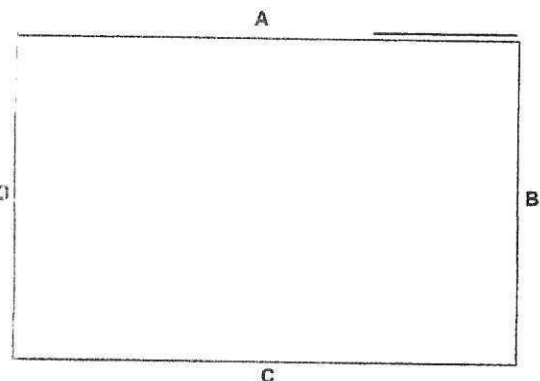
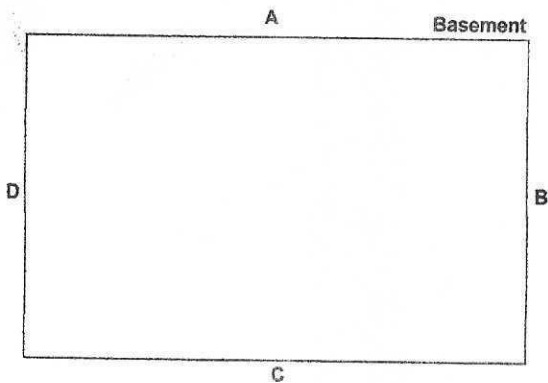
Roofing: Asphalt Metal Transite Build Up Other



Ceiling Height 8'2"



Ceiling Height 8'2"



Inspector Tyler Rister

Certification # ES35958

Date 11/1/23

Site 444 Plumvalley St. City Bellefontaine State OH Zip 43111

HA #	Material	Room Location	Color	Condition	Quantity
#1	Plaster	Throughout	N/A	G/F	4,400 SF
#2	Window Glass (Wood)	Throughout	white	G/F	12 Windows
#3	Linoleum	4	tan	G	72 SF
#4	12" tile/Glue	3	white	G	192 SF
#5	Linoleum	7	white/blue	G	108 SF
#6	Asphalt Roofing	Roof	Black	G/F	1,100 SF
* flooring can remain for demo					
* Roofing can remain for demo					

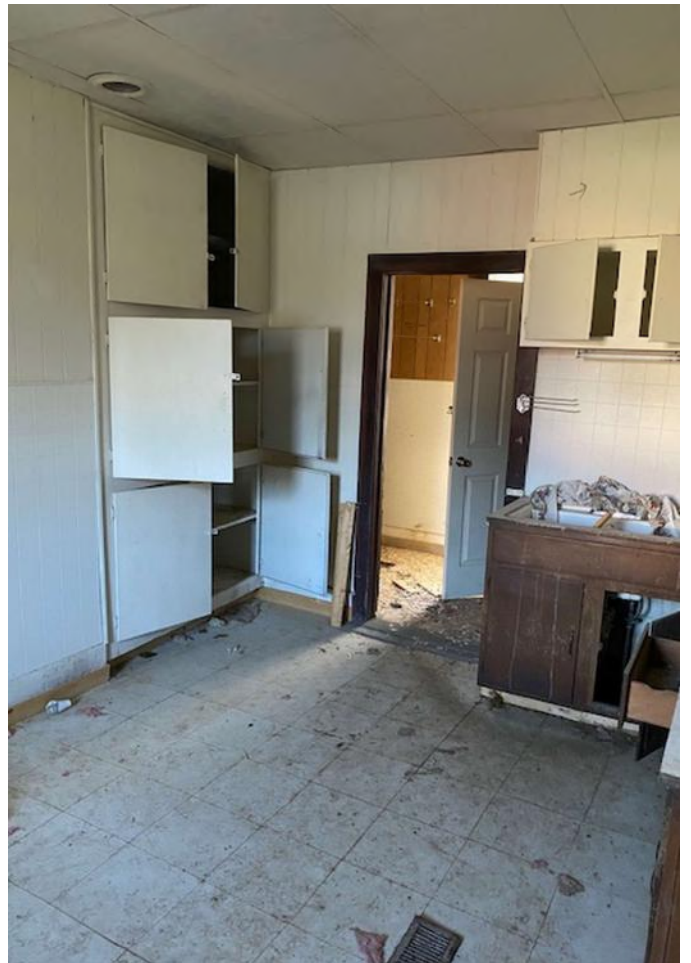
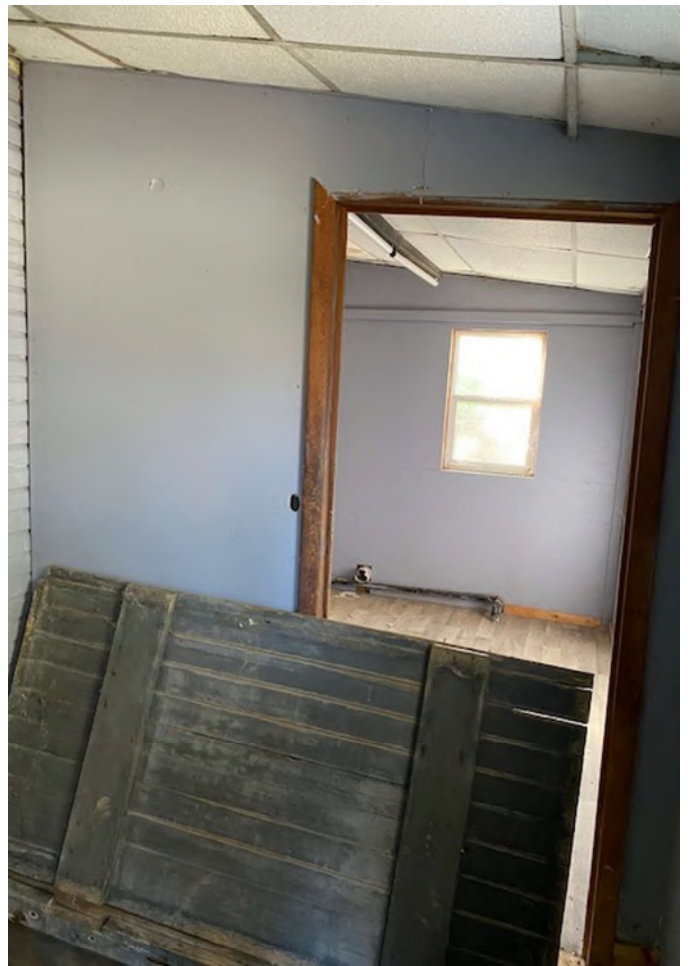
* G = Good F = Fair P = Poor FR = Friable NF = Non Friable

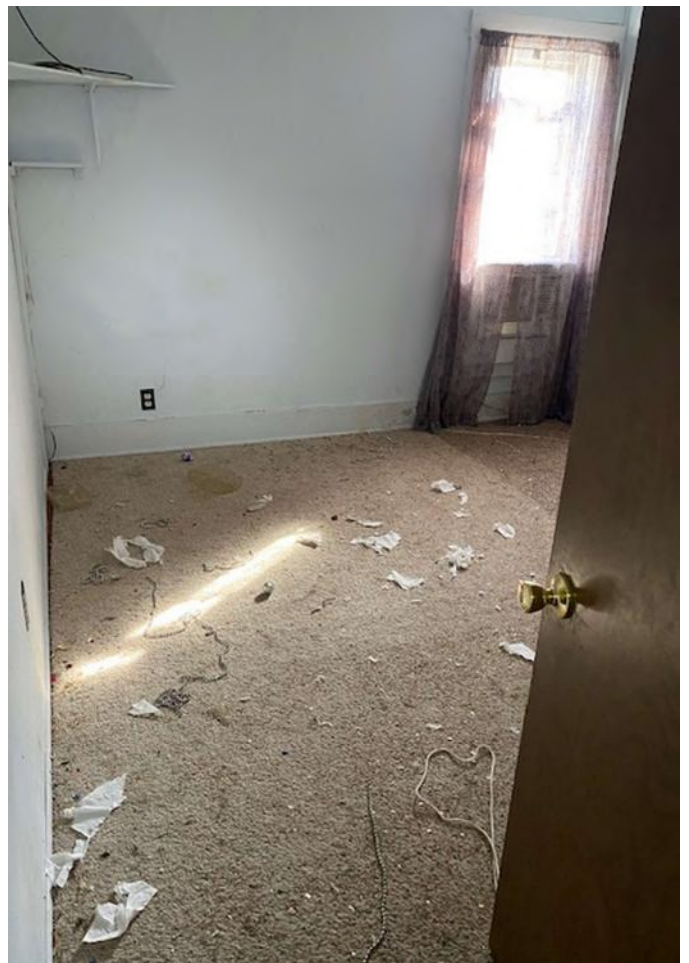
Notes:

* 2 story house * Metal/Wood Siding * Wood Windows
 * Asphalt Roofing * Plaster (Most under pointing) * Wood floor ceiling tile No suspect
 * 12" tile * Linoleum * Room 11 flooring no suspect
 * Use heat to 2nd floor * Basement No suspect found
 * Shed No suspect

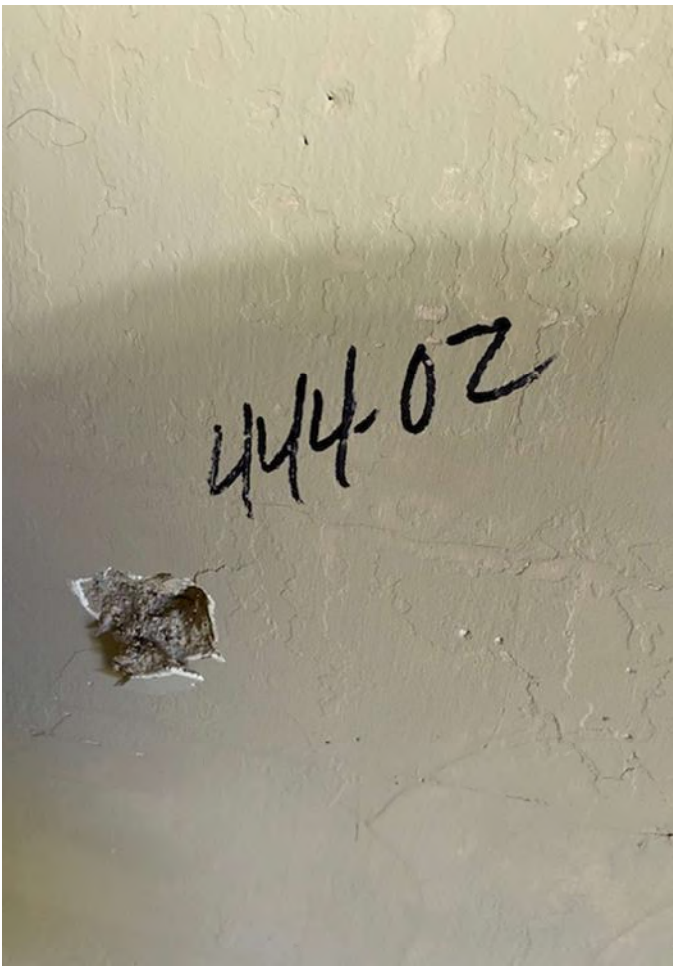
Building Clean Out: Yes No

Inspector Tyler Rister Certification # ES35958 Date 11/1/23



















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

Date: November 2, 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-PN23HHE.3
444 Plumvalley St; Bellefontaine, OH 43311 Project

Dear Mr. Hurt:

McCall & Spero Environmental, Inc. has completed the analysis of the bulk samples we received from your offices on November 2, 2023. These samples represent the bulk samples from the 444 Plumvalley St; Bellefontaine, OH 43311 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 twenty-two (22) 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: 444 Plumvalley St; Bellefontaine, OH 43311 Project
McCall & Spero Environmental Project No. MSE-PN23HHE.3

MSE # PN23HHE.3	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001 (A)	444-01 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Tan
001 (B)	444-01 (B) Skim Coat	ND**	Cellulose / 2%	98%	Blue
002 (A)	444-02 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Tan
002 (B)	444-02 (B) Skim Coat	ND**	Cellulose / 2%	98%	Tan
003 (A)	444-03 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Tan
003 (B)	444-03 (B) Skim Coat	ND**	Cellulose / 2%	98%	White
004 (A)	444-04 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Tan
004 (B)	444-04 (B) Skim Coat	ND**	Cellulose / 2%	98%	Tan
005 (A)	444-05 (A) Plaster	ND**	Cellulose / 3% Hair / 2%	95%	Tan
005 (B)	444-05 (B) Skim Coat	ND**	Cellulose / 2%	98%	Gray
006	444-06 Window Glaze	ND**	Cellulose / 7%	93%	White
007	444-07 Window Glaze	ND**	Cellulose / 7%	93%	White
008	444-08 Linoleum	ND**	Cellulose / 15%	85%	White
009	444-09 Linoleum	ND**	Cellulose / 15%	85%	White
010 (A)	444-10 (A) 12" Tile	ND**	Cellulose / 2%	98%	White

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

MSE # PN23HHE.3	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
010 (B)	444-10 (B) Glue	ND**	Cellulose / 5%	95%	Yellow
011 (A)	444-11 (A) 12" Tile	ND**	Cellulose / 2%	98%	White
011 (B)	444-11 (B) Glue	ND**	Cellulose / 5%	95%	Yellow
012	444-12 Linoleum	ND**	Cellulose / 10%	90%	White/Blue
013	444-13 Linoleum	ND**	Cellulose / 10%	90%	White/Blue
014	444-14 Asphalt Roof	ND**	Cellulose / 10% Glass / 20%	70%	Black
015	444-15 Asphalt Roof	ND**	Cellulose / 10% Glass / 20%	70%	Black

NOTES:

ND = None Detected
CR = Crocidolite

CH = Chrysotile
AN = Anthophyllite

A = Amosite

AC = Actinolite

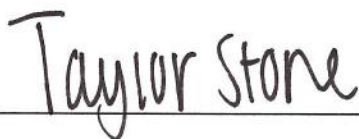
TR = Tremolite

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: Taylor B. Parmly 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: 11/1/23 Time: 9:45
 Written Report To: Ike Hurt
 Project Name: 444 Plumvalley St. Bellefontaine OH 43311
 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 # PN23HHE.3 Method: EPA/600/R-93/116
 Samples Received by: TBS Date: 11/2/23 Time: 9:30AM

Client Sample Number	Location	Sample Description	Sampled By
444.01	Plaster room 7 wall D		
444.02	Plaster room 10 wall C		
444.03	Plaster room 11 wall A		
444.04	Plaster room 1 wall D		
444.05	Plaster room 5 wall A		
444.06	Window Glaze room 10 wall D		
444.07	Window Glaze room 1 wall A		
444.08	Linoleum (Tan) room 4 near wall A		
444.09	Linoleum (Tan) room 4 near wall D		
444.10	12" tile/Grout (white) room 3 near wall B		
444.11	12" tile/Grout (white) room 3 near wall C		
444.12	Linoleum (white/Blue) room 7 near wall C		
444.13	Linoleum (white/Blue) room 7 near wall A		
444.14	Asphalt Roofing outside room 1		
444.15	Asphalt Roofing outside room 2		



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



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	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