

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

332 Garfield Ave. W; Bellefontaine, OH 43311

Logan County Land Reutil. Corp.



2699 East CR 50 Tiffin. OH 44883
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hhenvironmental@yahoo.com

Logan County Land Reutilization

8/30/24

100 S. Madriver St.

Bellefontaine, OH 43311

Phone: 937-666-3431

Email: heathermartin@lucplanning.com

Heather Martin

Asbestos survey: 332 Garfield Ave.W; Bellefontaine, OH 43311

Heather,

H&H Environmental, LLC. has completed an inspection for asbestos-containing materials (ACM) at 332 Garfield Ave.W; Bellefontaine, OH 43311. This inspection was performed by Tyler Rister (Certification # 35958) and Jace Hurt (Certification # 36450) on August 21st, 2024 in Bellefontaine, 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 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 8-21-24, 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 building 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.

23 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
332-01 8294HHE-01	1	1	Transite siding outside Rm.8	15% Chrysotile
332-02 8294HHE-02	2	1	T.S.I Duct Wall run, Rm.13 near Wall C	30% Chrysotile
332-03 8294HHE-03	3	2	Plaster Rm.15 ceiling debris	ND
332-04 8294HHE-04	3	2	Plaster Rm.13 Wall D	ND
332-05 8294HHE-05	3	2	Plaster Rm.16 ceiling debris	ND
332-06 8294HHE-06	3	2	Plaster Rm.22 Wall C	ND
332-07 8294HHE-07	3	2	Plaster Rm.4 Wall D	ND
332-08 8294HHE-08	3	2	Plaster Rm.1 Wall D	ND
332-09 8294HHE-09	3	2	Plaster Rm.8 Wall C	ND
332-10 8294HHE-10	4	2	12” tile/glue (White) Rm.14 near wall B	ND
332-11	4	2	12” tile/glue (White)	ND

8294HHE-11			Rm.14 near wall A	
332-12 8294HHE-12	5	2	12" tile/glue (Grey) Rm.22 near Wall D	ND
332-13 8294HHE-13	5	2	12" tile/glue (Grey) Rm.19 near Wall B	ND
332-14 8294HHE-14	6	1	Window Glaze Rm.14 Wall D	ND
332-15 8294HHE-15	6	1	Window Glaze Rm.4 Wall A	ND
332-16 8294HHE-16	7	2	Linoleum (Tan) Rm.8 near Wall A	ND
332-17 8294HHE-17	7	2	Linoleum (Tan) Rm.9 near Wall C	ND
332-18 8294HHE-18	8	2	12" tile/glue (Brown) Rm.1 near wall A/B	ND
332-19 8294HHE-19	8	2	12" tile/glue (Brown) Rm.10 near wall B	ND
332-20 8294HHE-20	9	2	9" tile/mastic (white) Rm.7	Tile: 5% Chrysotile Mastic: 5% Chrysotile
332-21 8294HHE-21	9	2	9" tile/mastic (white) Rm.7	Tile: 5% Chrysotile Mastic: 5% Chrysotile
332-22	10	1	Asphalt Roofing debris	ND

8294HHE-22			outside Rm.12	
332-23	10	1	Asphalt Roofing debris	ND
8294HHE-23			outside Rm.4	

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	3,200 Sq.ft.
TSI duct/boot wrap (6 wall runs, 8LF run in basement 7boots)	220 Sq.ft.
Grey 9" tile/mastic Rm.7- Can remain	35 Sq.ft.

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

The **Tile/Mastic** material is positive for asbestos and is considered Category 1 non-friable material. This material may remain for demolition given that this material is not in poor condition and will not be pulverized, crumbled, or reduced to powder during demolition activities and is taken to a standard C&D facility that accepts non-friable asbestos containing material. If renovation activities would impact this material it will need to be abated by a licensed asbestos contractor.

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 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 *Tyler Rister*

AHES # ES 35958

H&H Environmental

Jace Hurt *Jace Hurt*

AHES # ES 36450

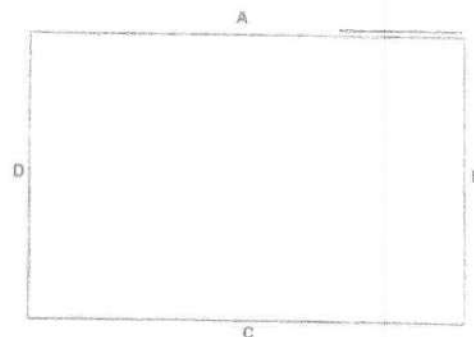
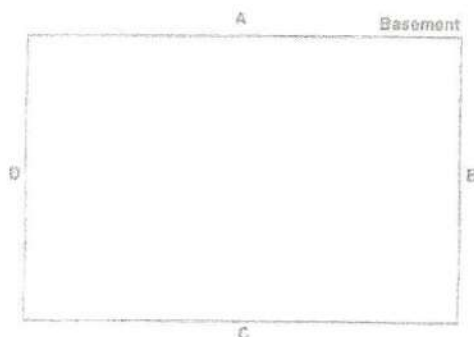
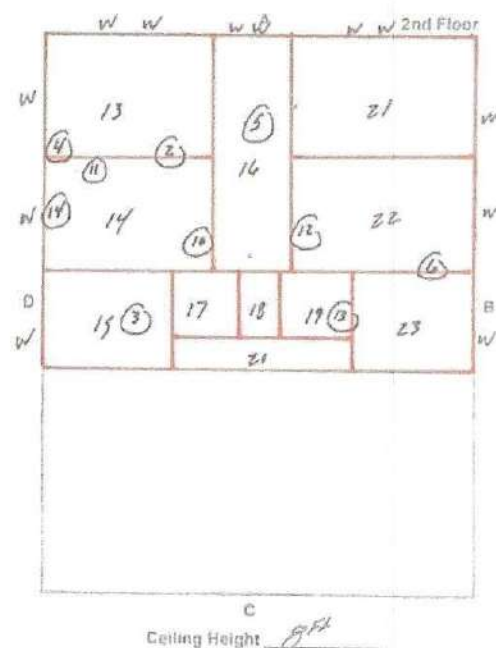
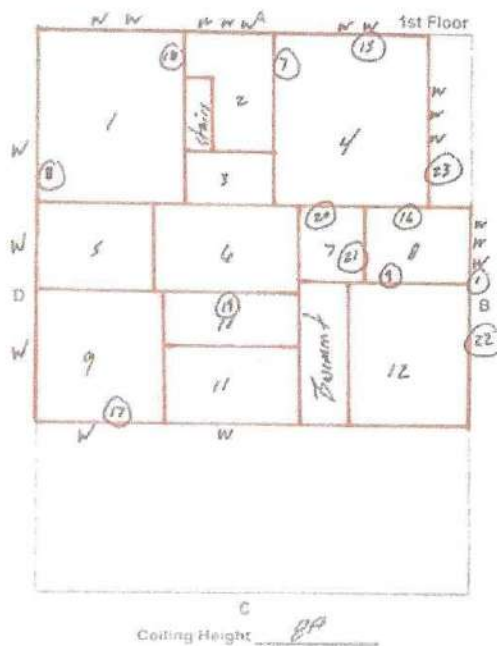
H&H Environmental

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Asbestos Inspection Work Sheet

Site 332 Gerald Ave W City Bellverona State MT Zip 59311

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 30
 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 RisterCertification # ES35958Date 8/21/24

Site: 332 Goodfield Ave W City: Bellefontaine State: OH Zip: 43111

Item	Material	Room Location	Color	Condition	Quantity
#1	Granite Siding	Siding	Yellow	G/F	3,200 SF
#2	T.S. 1 Deck/Deck wrap	6 well runs, 8-1/2 ft long	White	G/F	220 SF
#3	Plaster	7 boots	NA	G/F	9,800 SF
#4	12" tile/Glue	14,17	White	G/F	225 SF
#5	12" tile/Glue	19,22	Grey	G/F	225 SF
#6	Window Glass (wood)	Throughout	White	G/F	30 Windows
#7	Linoleum	8,9	Tan	G/F	310 SF
#8	12" tile/Glue	1,10	Brown	G/F	45 SF
#9	9" tile/mastic	7	Grey	G/F	35 SF
#10	Asphalt Roofing	Roof	Grey/Brown	G/F	1,700 SF
* Flooring / Roofing was removed for demo					

G = Good F = Fair P = Poor FR = Frangible NF = Non-Frangible

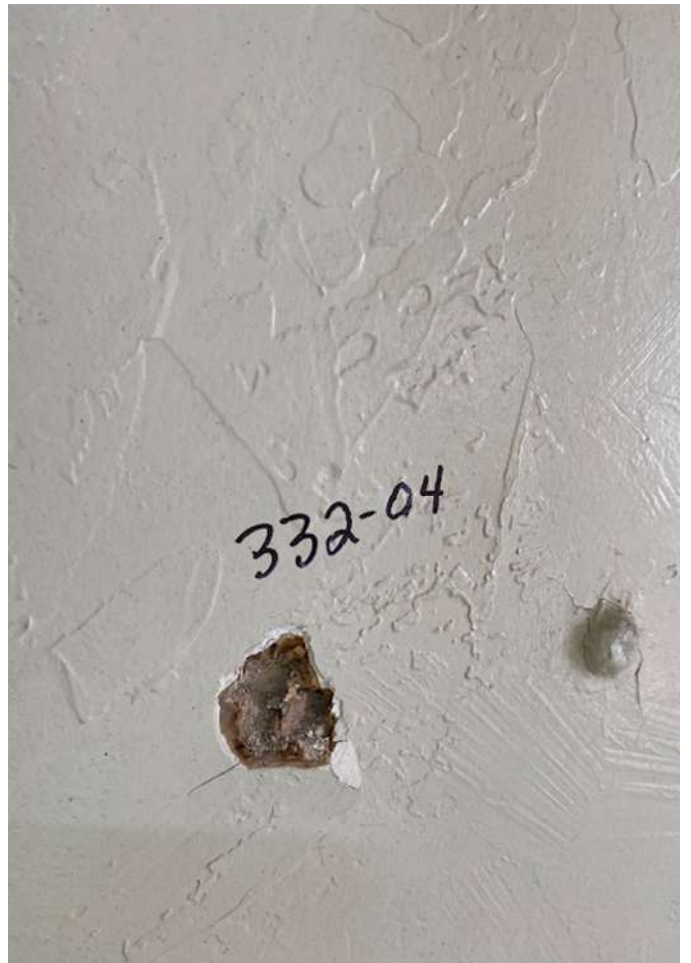
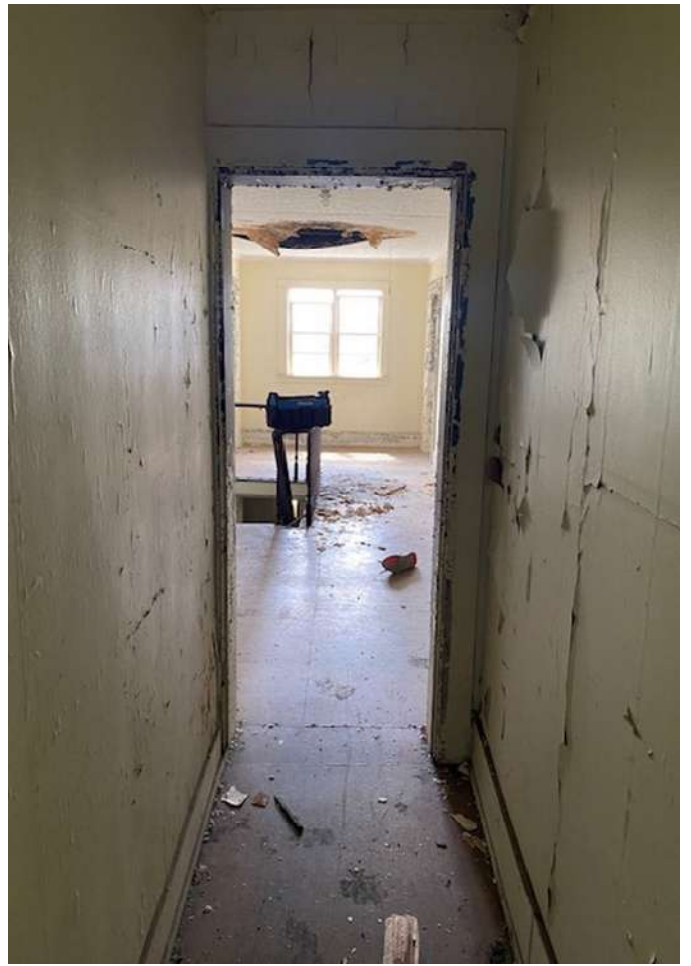
Notes:

Building Clean Out: Yes ☒ No ☐

* Large 2 story house * Granite Siding * Vinyl/Wood Windows
 * Wood floor ceiling tile No suspect * 6 well runs * 7 boots
 * 8-1/2 ft long in basement * Plaster * 12" tile * 9" tile
 * Linoleum

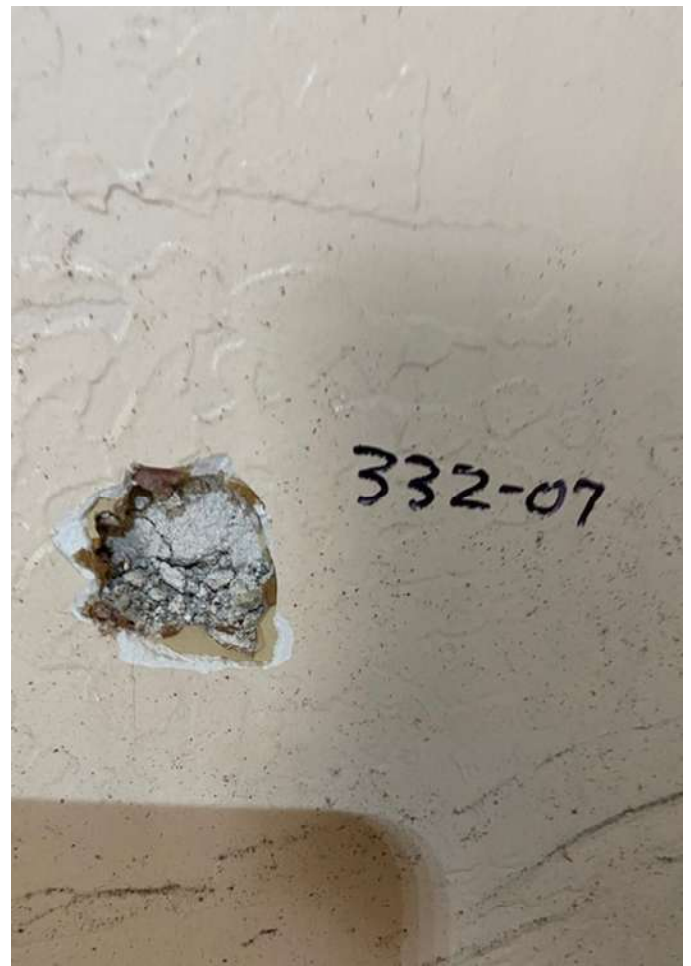
 Inspector: Tyler Rister Certification #: ES35958 Date: 8/21/24



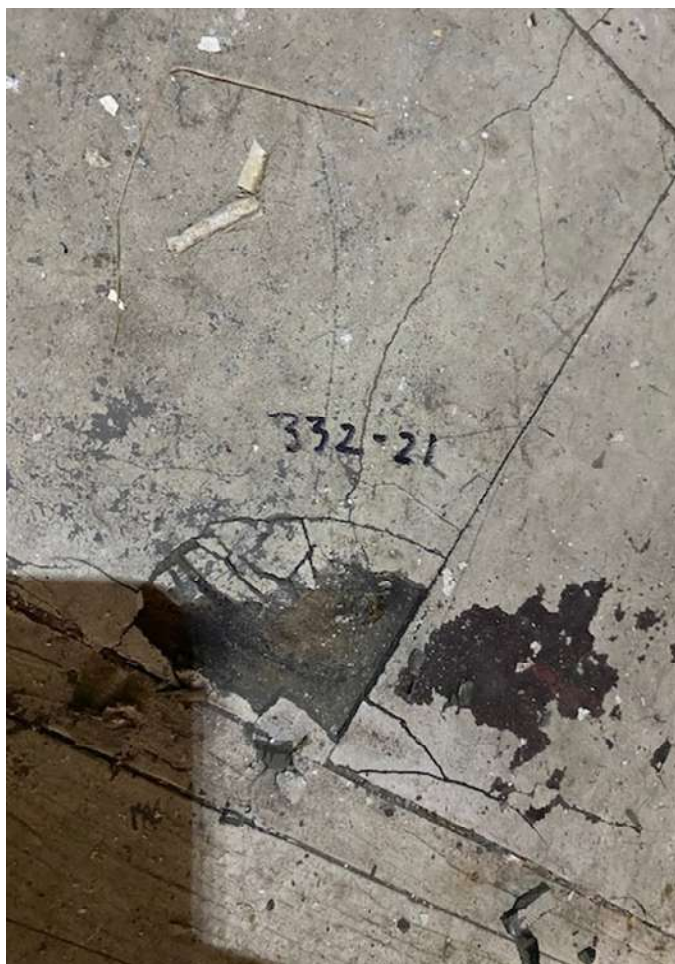
















McCall and Spero
Environmental, Inc.

Specialists in Microanalysis

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

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

Date: August 29, 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-P8294HHE
332 Garfield Ave. W; 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 August 29, 2024. These samples represent the bulk samples from the 332 Garfield Ave. W; 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 forty (40) 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: 332 Garfield Ave. W; Bellefontaine, OH 43311 Project

McCall & Spero Environmental Project No. MSE-P8294HHE

MSE # P8294HHE	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001	332-01 Transite	CH / 15%	ND	85%	Gray
002	332-02 TSI Duct	CH / 30%	Cellulose / 60%	10%	Gray
003 (A)	332-03 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
003 (B)	332-03 (B) Plaster	ND**	Cellulose / 2% Hair / 3%	95%	Gray
004 (A)	332-04 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
004 (B)	332-04 (B) Plaster	ND**	Cellulose / 2% Hair / 3%	95%	Gray
005 (A)	332-05 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
005 (B)	332-05 (B) Plaster	ND**	Cellulose / 2% Hair / 3%	95%	Gray
006 (A)	332-06 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
006 (B)	332-06 (B) Plaster	ND**	Cellulose / 2% Hair / 3%	95%	Gray
007 (A)	332-07 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
007 (B)	332-07 (B) Plaster	ND**	Cellulose / 2% Hair / 3%	95%	Gray
008 (A)	332-08 (A) Skim Coat	ND**	Cellulose / 2%	98%	White
008 (B)	332-08 (B) Plaster	ND**	Cellulose / 2% Hair / 3%	95%	Gray
009 (A)	332-09 (A) Skim Coat	ND**	Cellulose / 2%	98%	White

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 2

MSE # P8294HHE	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
009 (B)	332-09 (B) Plaster	ND**	Cellulose / 2% Hair / 3%	95%	Gray
010 (A)	332-10 (A) Tile	ND**	Cellulose / 3%	97%	White
010 (B)	332-10 (B) Glue	ND**	Cellulose / 3%	97%	Yellow
011 (A)	332-11 (A) Tile	ND**	Cellulose / 3%	97%	White
011 (B)	332-11 (B) Glue	ND**	Cellulose / 3%	97%	Yellow
012 (A)	332-12 (A) Tile	ND**	Cellulose / 3%	97%	Gray
012 (B)	332-12 (B) Glue	ND**	Cellulose / 3%	97%	Yellow
013 (A)	332-13 (A) Tile	ND**	Cellulose / 3%	97%	Gray
013 (B)	332-13 (B) Glue	ND**	Cellulose / 3%	97%	Yellow
014	332-14 Window Glaze	ND**	Cellulose / 3%	97%	White
015	332-15 Window Glaze	ND**	Cellulose / 3%	97%	White
016 (A)	332-16 (A) Linoleum	ND	Cellulose / 10% Glass / 10%	80%	Tan
016 (B)	332-16 (B) Glue	ND**	Cellulose / 5%	95%	Yellow
017 (A)	332-17 (A) Linoleum	ND	Cellulose / 10% Glass / 10%	80%	Tan
017 (B)	332-17 (B) Glue	ND**	Cellulose / 5%	95%	Yellow

McCall & Spero Environmental, Inc.

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 3

MSE # P8294HHE	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
018 (A)	332-18 (A) Tile	ND**	Cellulose / 3%	97%	Brown
018 (B)	332-18 (B) Glue	ND**	Cellulose / 3%	97%	Yellow
019 (A)	332-19 (A) Tile	ND**	Cellulose / 3%	97%	Brown
019 (B)	332-19 (B) Glue	ND**	Cellulose / 3%	97%	Yellow
020 (A)	332-20 (A) Tile	CH / 5%	ND	95%	Gray
020 (B)	332-20 (B) Mastic	CH / 5%	Cellulose / 2%	93%	Black
021 (A)	332-21 (A) Tile	CH / 5%	ND	95%	Gray
021 (B)	332-21 (B) Mastic	CH / 5%	Cellulose / 2%	93%	Black
022	332-22 Asphalt Roofing	ND**	Cellulose / 5% Glass / 15%	80%	Black
023	332-23 Asphalt Roofing	ND**	Cellulose / 5% Glass / 15%	80%	Black

SUMMARY OF PLM BULK ANALYSIS RESULTS

Page 4

NOTES:

ND = None Detected
CR = Crocidolite

CH = Chrysotile
AN = Anthophyllite

A = Amosite
TR = Tremolite

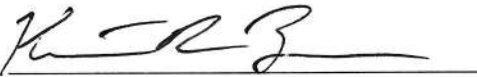
AC = Actinolite

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: Kevin R. Bean, B.A.



McCall & Spero Environmental, Inc.



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BULK SAMPLE CHAIN OF CUSTODY FORM

Company: <u>H&H Environmental</u>	Telephone #: <u>419-618-3072</u>	Fax #: <u>419-443-0539</u>
Contact: <u>Chuck Hurt</u>	Client Project Number: _____	
Relinquished by: <u>Tyler Rister</u>	Date: <u>8/21/24</u>	Time: <u>1:30</u>
Written Report To: <u>Ike Hurt</u>		
Project Name: <u>332 Garfield Ave W Bellmonte OH 43311</u>		
Turn-Around (Circle One): <u>Same Day</u> 24 Hour 2-3 Day 4-5 Day Weekend Rush After Hour Rush		
Analysis Requested (Circle One): <u>PLM Bulk Analysis</u> TEM Qualitative Analysis TEM Quantitative Analysis (4-5 Day)		

For Laboratory Use Only

MSE Project #

P8204HHE

Method: EPA/600/R-93/116

Samples Received by:

TBS

Date:

8/28/24

Time:

930

Client Sample Number	Location	Sample Description	Sampled By
332-01	Transite siding outside room 8		
332-02	T.S.T. Paint Wall living room 13 near wall C		
332-03	Plaster room 15 ceiling debris		
332-04	Plaster room 13 wall D		
332-05	Plaster room 16 ceiling debris		
332-06	Plaster room 22 wall C		
332-07	Plaster room 4 wall D		
332-08	Plaster room 1 wall D		
332-09	Plaster room 8 wall C		
332-10	12" tile/Glue (white) room 14 near wall B		
332-11	12" tile/Glue (white) room 14 near wall A		
332-12	12" tile/Glue (Gray) room 22 near wall D		
332-13	12" tile/Glue (Gray) room 19 near wall B		
332-14	Window Glaze room 14 wall D		
332-15	Window Glaze room 4 wall A		



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Results Transmitted/Date: _____ Fax/Phone By: _____

The InService Training Network

Asbestos Abatement Project Supervisor Refresher Course



Tyler Rister

has successfully completed the Asbestos Abatement Project Supervisor Refresher Course and passed by at least 70%
the course examination for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2
Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: December 14, 2023

Examination Date: December 14, 2023

Course Director:

Kurt Varga

Course Location: Worthington, Ohio

Expiration Date: December 14, 2024

Certificate Number: ITNPSR11956

ITN

ITN

The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses

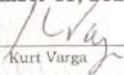


Tyler Rister

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2
Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: December 13, 2023

Examination Date: December 13, 2023

Course Director: 
Kurt Varga

Course Location: Worthington, Ohio

Expiration Date: December 13, 2024

Certificate Numbers: ITNIR7508 & ITNMMP7508

ITN

ITN

The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses

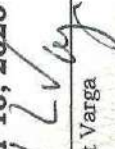


Jace Hurt

has successfully completed the Asbestos Building Inspector and Management Planner Refresher Courses and passed by at least 70% the course examinations for accreditation under Section 206 of the Toxic Substance Control Act, Title II, and Indiana 326 IAC 18-2
Provided by: The InService Training Network, Inc., 705D Lakeview Plaza Blvd, Worthington, OH 43085 (614) 436-0980

Course Dates: December 13, 2023

Course Director:


Kurt Varga

Expiration Date: December 13, 2024

Examination Date: December 13, 2023

Course Location: Worthington, Ohio

Certificate Numbers: ITNIR7507 & ITNMPR7507



The InService Training Network

Asbestos Abatement Project Supervisor Refresher Course



Jace Hurt

has successfully completed the Asbestos Abatement Project Supervisor Refresher Course and passed by at least 70%
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Kurt Varga

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