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
1023 Winchester Ave.
Bucyrus, OH 44820

Crawford County Land Bank

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

Crawford County Land Bank 08-01-17

112 E. Mansfield St. Suite 207

Bucyrus, OH 44820

Phone: 419-562-7861

Email: cclb@crawford-co.org

Asbestos Survey: 1023 Winchester Ave. Bucyrus, OH 44820

Barb,

H&H Environmental, LLC. has completed an inspection for asbestos-containing materials (ACM) at 1023 Winchester Ave. Bucyrus, OH 44820. This inspection was performed by Terry Rister (Certification # 33398) July 27th, 2017 in Bucyrus, OH. Terry Rister maintains a current Ohio Department of Health 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 07-27-17, was completed utilizing applicable Federal and Ohio State regulations pertaining to asbestos: Federal OSHA (29 CFR 1910.1001and 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 Bucyrus, 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.

9 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
1023-01 P7317HHE.4-001	1	2	Plaster, Rm. 3 Wall B	ND
1023-02 P7317HHE.4-002	1	2	Plaster, Rm. 2 Wall C	ND
1023-03 P7317HHE.4-003	1	2	Plaster, Bottom of Stairs Ceiling Rm. 1	ND
1023-04 P7317HHE.4-004	1	2	Plaster, Rm. 5 Wall A	ND
1023-05 P7317HHE.4-005	1	2	Plaster, Rm. 7 Wall D	ND
1023-06 P7317HHE.4-006	2	1	Window Glaze, Rm. 5 Wall B	ND
1023-07 P7317HHE.4-007	2	1	Window Glaze, Rm. 2 Wall A	ND
1023-08 P7317HHE.4-008	3	1	Gold Linoleum, Rm. 2 Wall C	20% - Chrysotile
1023-09 P7317HHE.4-009	3	1	Gold Linoleum, Rm. 2 Wall D	20% - 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:

ACM Gold Linoleum (Rm. 2) 140 sq. ft.

The Gold Linoleum 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.

*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.

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.

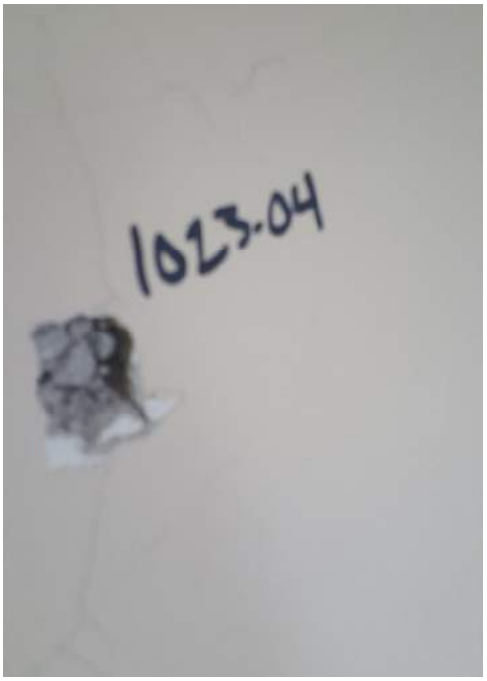
The recommendations in this report are based on the professional judgment of the inspector and the results of the samples collected an analyzed. H&H Environmental makes no warranty, expressed or implied, and accepts no liability for the presence or absence of asbestos or other hazardous materials in 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,

Terry Rister

ODH License # ES 33398 H&H Environmental

1023-05


1023-04

1023-06

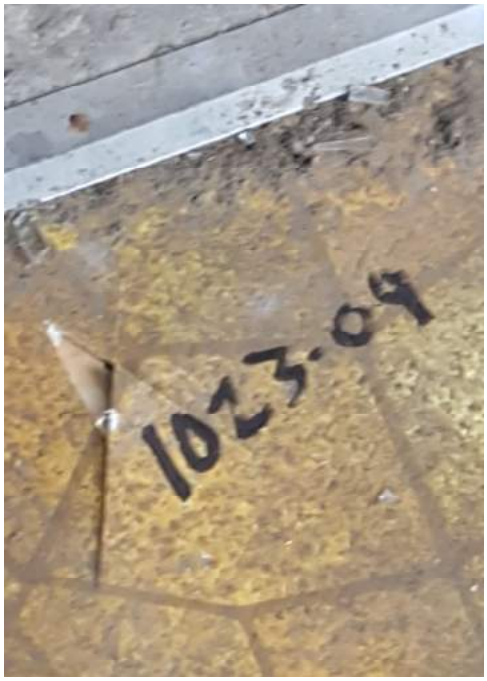
1023-03

1023-02

1023-01

1023-07

1023-08


1023.09

H&H Environmental

Asbestos Inspection Work Sheet

Site 1023 Winchester City Bucyrus State OH Zip _____

Struture

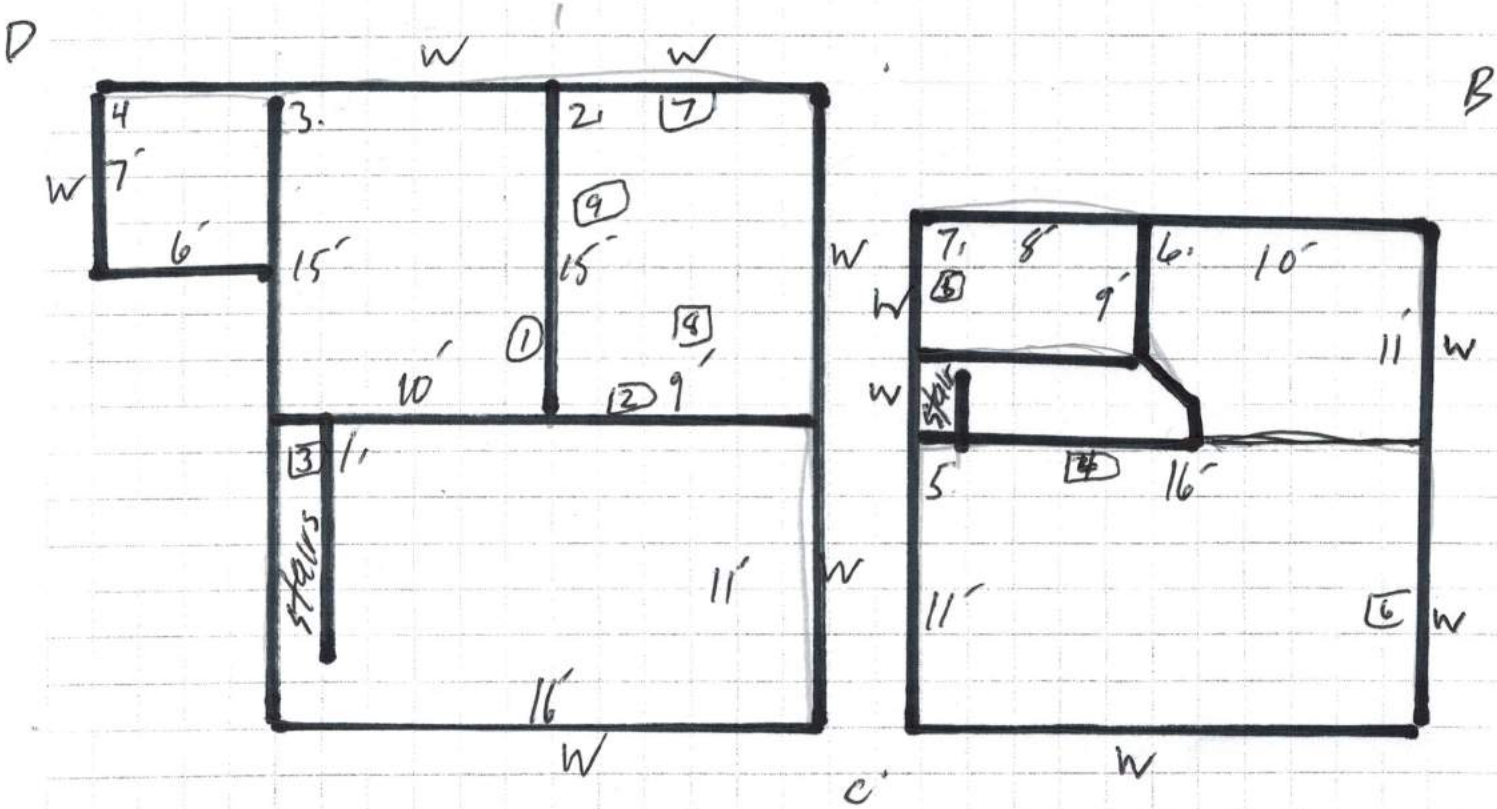
Levels: 1 ___ 2 X 3 ___ Other _____ Foundation: Slab X Crawl ___ Basement ___

Exterior: Wood ___ Vinyl ___ Aluminum ___ Transite ___ Other Asphalt

Interior Walls: Drywall ___ Plaster X Other _____

Windows: Wood X Vinyl ___ Metal ___ Other _____ Number of Windows 11

Roofing: Asphalt Shingles ___ Transite Shingles ___ Metal X Other _____



Inspector: Terry Rister Certification Number: ES-33398 Date: 7-27-17

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@mselabs.com • Website: www.mselabs.com

Date: August 1, 2017

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-P7317HHE.4
1023 Winchester Bucyrus, OH Project

Dear Mr. Hurt:

McCall & Spero Environmental, Inc. has completed the analyses of the bulk samples we received from your offices on July 31, 2017. These samples represent the bulk samples from the 1023 Winchester Bucyrus, OH 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 fourteen (14) 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.
Laboratory Director

NVLAP®
NVLAP Lab Code 101895-0

SUMMARY OF PLM BULK ANALYSIS RESULTS

Project Name: 1023 Winchester Bucyrus, OH Project
McCall & Spero Environmental Project No. MSE-P7317HHE.4

MSE # P7317HHE.4-	SAMPLE # DESCRIPTION	ASBESTOS TYPE & %	OTHER FIBROUS MATERIAL & %	% NON-FIBROUS MATERIAL	COLOR
001 (A)	1023-01 (A) Plaster	ND**	Cellulose / 3%	97%	Gray
001 (B)	1023-01 (B) Skim Coat	ND**	Cellulose / 2%	98%	White
002 (A)	1023-02 (A) Plaster	ND**	Cellulose / 3%	97%	Gray
002 (B)	1023-02 (B) Skim Coat	ND**	Cellulose / 2%	98%	White
003 (A)	1023-03 (A) Plaster	ND**	Cellulose / 3%	97%	Gray
003 (B)	1023-03 (B) Skim Coat	ND**	Cellulose / 2%	98%	White
004 (A)	1023-04 (A) Plaster	ND**	Cellulose / 3%	97%	Gray
004 (B)	1023-04 (B) Skim Coat	ND**	Cellulose / 2%	98%	White
005 (A)	1023-05 (A) Plaster	ND**	Cellulose / 3%	97%	Gray
005 (B)	1023-05 (B) Skim Coat	ND**	Cellulose / 2%	98%	White
006	1023-06 Window Glaze	ND**	Cellulose / 2%	98%	Gray
007	1023-07 Window Glaze	ND**	Cellulose / 2%	98%	Gray
008	1023-08 Linoleum	CH / 20%	Cellulose / 30%	50%	Gold
009	1023-09 Linoleum	CH / 20%	Cellulose / 30%	50%	Gold

SUMMARY OF PLM BULK ANALYSIS RESULTS

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 ± 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. Kevin R Bean

McCall and Spero Environmental, Inc.
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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: Terry Rister Date: 7-27-17 Time: 3:00

Written Report To: Ike Hurt

Project Name: 1023 Winchester Bucyrus OH

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 # P7317HHE.4 Method: EPA/600/R-93/116

Samples Received by: [signature] Date: 7/31/17 Time: —

Client Sample Number	Location	Sample Description	Sampled By
1023-01	Plaster Rm. 3 wall B		
-02	" Rm. 2 wall C		
-03	" bottom of Stairs ceiling Rm. 1		
-04	" Rm. 5 wall A		
-05	" Rm. 7 wall D		
-06	Window glaze Rm. 5 wall B		
-07	" Rm. 2 wall A		
-08	gold Line Rm. 2 wall C		
-09	" Rm. 2 wall D		

The InService Training Network

Asbestos Abatement Project Supervisor
Refresher Course

Terry 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., 6813 Flags Center, Columbus, OH 43229 (614) 895-9323

Course Dates: January 19, 2017

Course Director: Kurt Varga

Expiration Date: January 19, 2018

Examination Date: January 19, 2017

Course Location: Columbus, Ohio

Certificate Number: ITN-PSR-9566

The InService Training Network

Asbestos Building Inspector and Management Planner Refresher Courses

Terry 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., 6813 Flags Center, Columbus, OH 43229 (614) 895-9323

Course Dates: **January 18, 2017**

Course Director: Kurt Varga

Expiration Date: **January 18, 2018**

Examination Date: **January 18, 2017**

Course Location: **Columbus, Ohio**

Certificate Numbers: **ITNIR-6042 & ITNMPR-6042**