ASBESTOS CONTAINING MATERIALS SURVEY



ARTISTS BOOK HOUSE

2603 SHERIDAN ROAD EVANSTON, ILLINOIS 60201

ECS PROJECT NO. 53:3232

FOR: AT CONSULTING SERVICES, INC

OCTOBER 14, 2021





Geotechnical • Construction Materials • Environmental • Facilities

October 14, 2021

Mr James Johnson AT Consulting Services, Inc 1469 W Fork Drive Lake Forest, Illinois 60045 jhj@theatgrp.net

ECS Project No. 53:3232

Reference: Asbestos Containing Materials Survey, Artists Book House, 2603 Sheridan Road, Evanston, Illinois

Dear Mr Johnson:

ECS Midwest, LLC (ECS) is pleased to provide AT Consulting Services, Inc with the results of the above referenced Asbestos Containing Materials Survey performed at the Artists Book House located at 2603 Sheridan Road in Evanston, Illinois. This report summarizes our observations, analytical results, findings, and recommendations related to the work performed. The work described in this report was performed by ECS in general accordance with the Scope of Services described in ECS Proposal Number 53:3204 and the terms and conditions of the agreement authorizing those services.

ECS appreciates this opportunity to provide AT Consulting Services, Inc with our services. If we can be of further assistance to you, please do not hesitate to contact us.

Sincerely,

ECS Midwest, LLC

Ashly Zwolinski

Environmental Assistant Staff Project Manager

AZwolinski@ecslimited.com

Ashly Zuolinski

(847) 279-0366

David Kwasiborski

Director of Environmental Services DKwasiborski@ecslimited.com

(847) 279-0366

EXECUTIVE SUMMARY

On September 27, 2021, ECS Midwest, LLC (ECS) performed an asbestos-containing materials survey of the Artists Book House located at 2603 Sheridan Road, Evanston, Cook County, Illinois. The subject property consists of a 0.25 acre parcel of land that is currently developed with an approximate, 18,500 square foot, 3-story, with basement and attic, residential home. The remainder of the subject property is landscaped.

The results of our ACM sampling and analysis indicated that asbestos was detected in the following materials:

- 9"x9" Brown Floor Tile and Black Mastic 3rd Floor Ballroom
- Black Mastic (associated with 12"x12" white floor tile) 2nd Floor
- 9"x9" Green Floor Tile and Black Mastic 1st Floor
- TSI Fittings and Elbows on 4" Pipes Basement
- TSI Fittings, Elbows, and Pipe Insulation on 6" Pipes Basement

If proposed construction activities will disturb the identified ACMs, then the materials will need to be removed by an Illinois licensed asbestos contractor using methods in accordance with current applicable state and federal regulations. The work will also need to be monitored and confirmed complete by an asbestos professional.

If suspect asbestos-containing materials are uncovered during future renovation and/or demolition of the structure, which were not accessible during this survey or were outside of the survey area, it is recommended that these materials be sampled immediately upon discovery for asbestos content by a licensed asbestos inspector and submitted to an accredited laboratory for analytical interpretation or assumed to be asbestos containing.

In addition, please note that the identified ACMs may be located within other areas of the structure. It is recommended that an abatement contractor determine the location and exact quantity of the identified ACMs prior to abatement activities. Our recommendations are based on the guidelines presented in USEPA, State of Illinois, and OSHA asbestos regulations.

TABL	E OF C	CONTENTS	ΞE
1.0	SITE I	DESCRIPTION	1
2.0	PURP	OSE	1
3.0	METH	IODOLOGY	1
	3.1	Asbestos-Containing Materials	. 1
4.0	RESU	LTS	2
	4.1	Asbestos-Containing Materials	. 2
	4.2	Suspect or Assumed Asbestos-Containing Materials	4
5.0	RECO	MMENDATIONS AND REGULATORY REQUIREMENTS	5
	5.1	Asbestos-Containing Materials	. 5
6.0	LINALT	ZATIONS	5



TABLE OF APPENDICES

Appendix I: Figures

Appendix II: Laboratory Report(s)
Appendix III: Certifications/Licenses



1.0 SITE DESCRIPTION

The subject property consists of a 0.25 acre parcel of land that is currently developed with an approximate, 18,500 square foot, 3-story, with basement and attic, residential home. The remainder of the subject property is landscaped.

2.0 PURPOSE

The purpose of the Asbestos Containing Materials Survey was to identify asbestos-containing materials (ACMs) which may require special handling and/or disposal if removed during future construction activities. The identification of ACMs may require trained labor, regulated work practices, and special disposal.

3.0 METHODOLOGY

The survey was performed by Ms. Ashly Zwolinski of ECS (Illinois Inspector # 100-20242). A copy of Ms. Zwolinski's license is provided in Appendix I. The sampling was conducted in general accordance with the U.S. Environmental Protection Agency (USEPA) requirements as defined in the *National Emissions Standards for Hazardous Air Pollutants* (NESHAP) guidelines.

ECS first assessed the building areas to determine homogenous materials, which are groups of materials installed in the same general time period and are uniform in color and texture. Each homogenous material was classified in one of the following three (3) categories:

- Suspected to contain asbestos and requiring sample collection,
- Not suspected to contain asbestos and no samples required, and
- Assumed to contain asbestos.

ECS then collected samples from random locations for each of the suspect homogeneous materials identified.

3.1 Asbestos-Containing Materials

ECS collected a total of eighty-seven (87) samples of materials suspected to contain asbestos and delivered them to Eurofins CEI, a National Voluntary Laboratory Accreditation Program (NVLAP) Accredited Laboratory (Certification No. 101768-0), for analyses by polarized light microscopy (PLM). PLM samples were analyzed using the U.S. Environmental Protection Agency's *Test Methods: Methods for the Determination of Asbestos in Bulk Residence Materials* (EPA 600/R-93/116, July 1993) as the method reference. Material layering and stop positive analysis resulted in the analysis of one hundred twenty-eight (128) samples.

Analysis was performed by using the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification. The samples analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non-asbestos constituents (mineral wool, cellulose, etc.) and non-fibrous constituents. Using a stereoscope, the laboratory technician visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample.



Please note that asbestos containing materials as defined by the EPA and the State of

4.0 RESULTS

A complete listing of sampled materials and the analytical results can be found below and a copy of the laboratory analytical results and chain of custody are provided within the Appendix. Figures identifying sample locations are also attached.

4.1 Asbestos-Containing Materials

In total, seventy-five (75) samples were submitted to the laboratory of which one hundred twenty-eight (128) layers were analyzed.

Summary of Asbestos-Containing Materials Sampling and Analysis

Sample ID	Material Description	Location*	Analytical Results	Estimated Quantity**
1-3	Wall Texturing Material	3rd Floor - Ballroom	ND	N/A
<mark>4-5</mark>	9"x9" Brown Floor Tile and Black Mastic	3rd Floor - Ballroom	Floor Tile- 10% Chrysotile Mastic- 5% Chrysotile	~ 200 SF
6-8	12"x12" Beige Multi-color Floor Tile and Mastic	2nd Floor	Floor Tile- ND Mastic- ND	N/A
9-10	12"x12" Gray Multi-color Floor Tile, Mastic, and Subfloor	2nd Floor	Floor Tile- ND Mastic- ND Subfloor- ND	N/A
11-12	4" Black Covebase and Adhesive	2nd Floor	Covebase- ND Adhesive- ND	N/A
<mark>13-15</mark>	12"x12" White Floor Tile and Black Mastic	2nd Floor	Floor Tile- ND Mastic- 3% Chrysotile	<mark>~ 950 SF</mark>
16-17	6"x6" Brown Floor Tile and Mastic	2nd Floor	Floor Tile- ND Mastic- ND	N/A
18-19	4" Black Covebase and Adhesive	2nd Floor	Covebase- ND Adhesive- ND	N/A
20-21	12"x12" Brown Multi-color Floor Tile and Mastic	1st Floor	Floor Tile- ND Mastic- ND	N/A



Sample ID	Material Description	Location*	Analytical Results	Estimated Quantity**
22-23	9"x9" Green Floor Tile, Black Mastic, and Subfloor	1st Floor	Floor Tile- 10% Chrysotile Mastic- 5% Chrysotile Subfloor- ND	~ 250 SF
24-25	Tan Multi-color Vinyl Flooring and Adhesive	1st Floor - Kitchen	Vinyl Flooring- ND Adhesive- ND	N/A
26-27	4" Back Covebase and Adhesive	1st Floor - Kitchen	Covebase- ND Adhesive- ND	N/A
<mark>28-29</mark>	TSI Fitting Insulation on 6" Pipes	Basement	<mark>65%</mark> Chrysotile	<u>Unknown</u>
<mark>30-31</mark>	TSI Elbow Insulation on 6" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
32-33	TSI Pipe Insulation on 6" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
34-35	TSI Pipe Insulation on 4" Pipes	Basement	ND	N/A
<mark>36-37</mark>	TSI Fitting Insulation on 4" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
<mark>38-39</mark>	TSI Elbow Insulation on 4" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
40-42	12"x12" Beige Multi-color Floor Tile and Mastic	Basement	Floor Tile- ND Mastic- ND	N/A
<mark>43-44</mark>	TSI Pipe Insulation on 6" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
45-46	TSI Pipe Insulation on 4" Pipes	Basement	ND	N/A
<mark>47-48</mark>	TSI Fitting Insulation on 6" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
<mark>49-50</mark>	TSI Elbow Insulation on 6" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
<mark>51-52</mark>	TSI Elbow Insulation on 6" Pipes	Basement	<mark>65%</mark> Chrysotile	Unknown
<mark>53-54</mark>	TSI Pipe Insulation on 6" Pipes	Basement	65% Chrysotile	Unknown



Sample ID	Material Description	Location*	Analytical Results	Estimated Quantity**
55-56	12"x12" Brown Floor Tile, Mastic, and Subfloor	1st Floor	Floor Tile- ND Mastic- ND Subfloor-ND	N/A
57-58	6"x6" Green Floor Tile, Mastic, and Subfloor	1st Floor	Floor Tile- ND Mastic- ND Subfloor-ND	N/A
59-60	6"x6" Black Floor Tile and Mastic	1st Floor	Floor Tile- ND Mastic- ND	N/A
61-76	Plaster	Throughout	Skim Coat- ND Base Coat- ND Drywall- ND	N/A
77-82	Red Ceramic Tile and Grout	Exterior - Roof	Ceramic Tile- ND Grout- ND	N/A
83-87	White Window Frame Caulk	Exterior	ND	N/A

Table Notes:

Highlighted and bold = Asbestos detected

ND=Not Detected

N/A=Not Applicable (as asbestos was not detected)

4.2 Suspect or Assumed Asbestos-Containing Materials

Due to the inaccessibility or the destructive means that asbestos sampling requires, additional, suspect ACMs may remain within the structures hidden behind inaccessible areas that include, but are not limited to, sub-grade walls, structural members, topping slabs, sub-grade sealants, flooring located below underlayments, areas behind exterior walls, pipe trenches, and subsurface utilities, etc. These areas were deemed inaccessible and were not assessed.

If suspect asbestos-containing materials are uncovered during future demolition of the structures which were not accessible during this survey or were outside of the survey area, it is recommended that these materials be sampled immediately upon discovery for asbestos content by a licensed asbestos inspector and submitted to an accredited laboratory for analytical interpretation or assumed to be asbestos containing.



^{* =} Indicates sample locations only – additional, homogeneous materials may be located in other areas of the structure

^{** =} Estimated quantities only. Abatement contractor to determine exact quantities of all confirmed or presumed asbestos containing materials

5.0 RECOMMENDATIONS AND REGULATORY REQUIREMENTS

Based on our understanding of the purpose of the Asbestos Containing Materials Survey, the results of laboratory analysis, and our findings and observations, ECS presents the following recommendations.

5.1 Asbestos-Containing Materials

The results of our ACM sampling and analysis indicated that asbestos was detected in the following materials:

- 9"x9" Brown Floor Tile and Black Mastic 3rd Floor Ballroom
- Black Mastic (associated with 12"x12" white floor tile) 2nd Floor
- 9"x9" Green Floor Tile and Black Mastic 1st Floor
- TSI Fittings and Elbows on 4" Pipes Basement
- TSI Fittings, Elbows, and Pipe Insulation on 6" Pipes Basement

If proposed construction activities will disturb the identified ACMs, then the materials will need to be removed by an Illinois licensed asbestos contractor using methods in accordance with current applicable state and federal regulations. The work will also need to be monitored and confirmed complete by an asbestos professional.

If suspect asbestos-containing materials are uncovered during future renovation and/or demolition of the structure, which were not accessible during this survey or were outside of the survey area, it is recommended that these materials be sampled immediately upon discovery for asbestos content by a licensed asbestos inspector and submitted to an accredited laboratory for analytical interpretation or assumed to be asbestos containing.

In addition, please note that the identified ACMs may be located within other areas of the structure. It is recommended that an abatement contractor determine the location and exact quantity of the identified ACMs prior to abatement activities. Our recommendations are based on the guidelines presented in USEPA, State of Illinois, and OSHA asbestos regulations.

6.0 LIMITATIONS

The conclusions and recommendations presented within this report are based upon a reasonable level of assessment within normal bounds and standards of professional practice for a site in this particular geographic setting. ECS is not responsible or liable for the discovery and elimination of hazards that may potentially cause damage, accidents, or injuries.

The observations, conclusions, and recommendations pertaining to environmental conditions at the subject site are necessarily limited to conditions observed, and/or materials reviewed at the time this study was undertaken. No warranty, expressed or implied, is made with regard to the conclusions and recommendations presented within this report. This report is provided for the exclusive use of the client. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties without the written consent of ECS and the client.

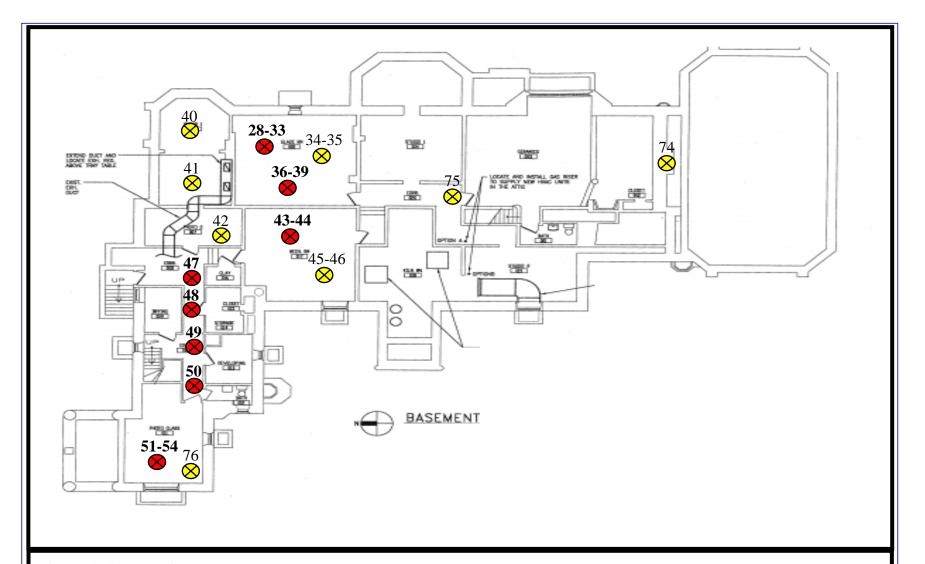


October 14, 2021

Our recommendations are in part based on federal, state, and local regulations and guidelines. ECS does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state, or federal public agencies, any conditions at the site that may present a potential danger to public health, safety, or the environment. Under this scope of services, ECS assumes no responsibility regarding any response actions initiated as a result of these findings. General compliance with regulations and response actions are the sole responsibility of the Client and should be conducted in accordance with local, state, and/or federal requirements.



Appendix I: Figures



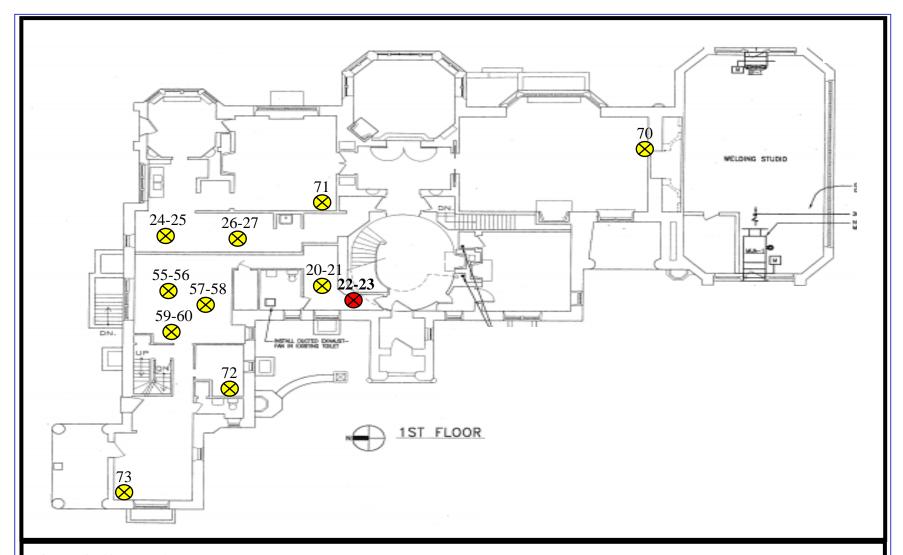


Sample Location (**Bold and RED** are ACM) (*) = <1% Chrysotile

Artists Book House 2603 Sheridan Road, Evanston, Illinois



Basement Sample Location Diagram ECS Project 53:3232 October 2021



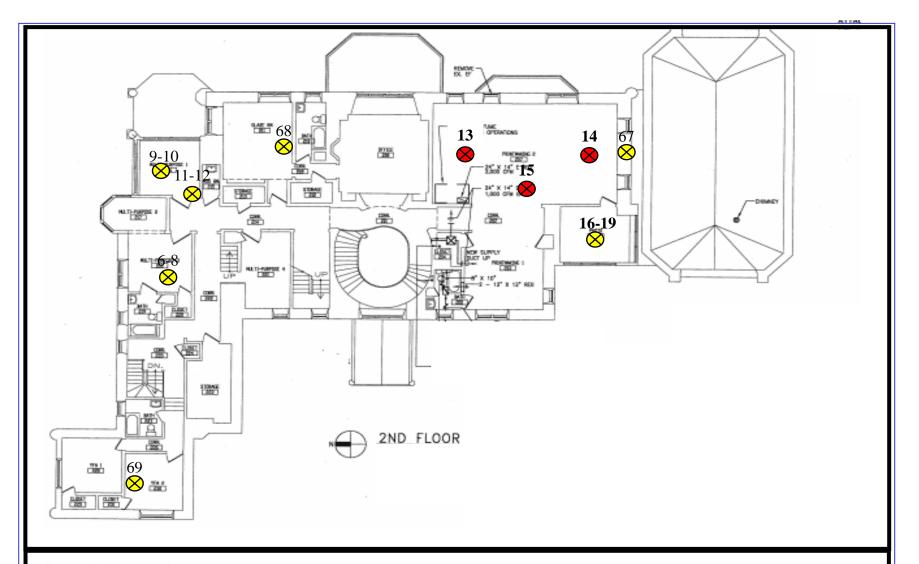


Sample Location (**Bold and RED** are ACM) (*) = <1% Chrysotile

Artists Book House 2603 Sheridan Road, Evanston, Illinois



1st Floor Sample Location Diagram ECS Project 53:3232 October 2021





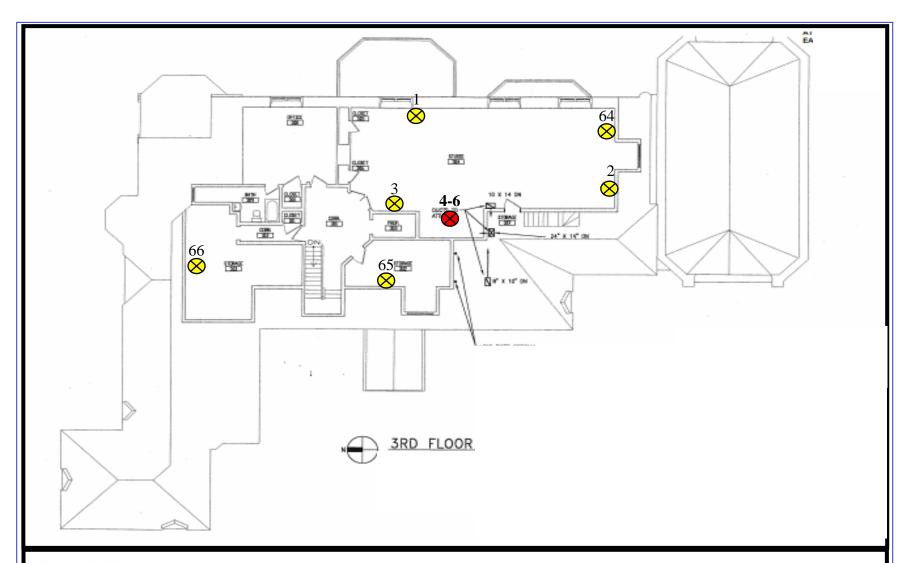
Sample Location (**Bold and RED** are ACM) (*) = <1% Chrysotile

Artists Book House

2603 Sheridan Road, Evanston, Illinois



2nd Floor Sample Location Diagram ECS Project 53:3232 October 2021



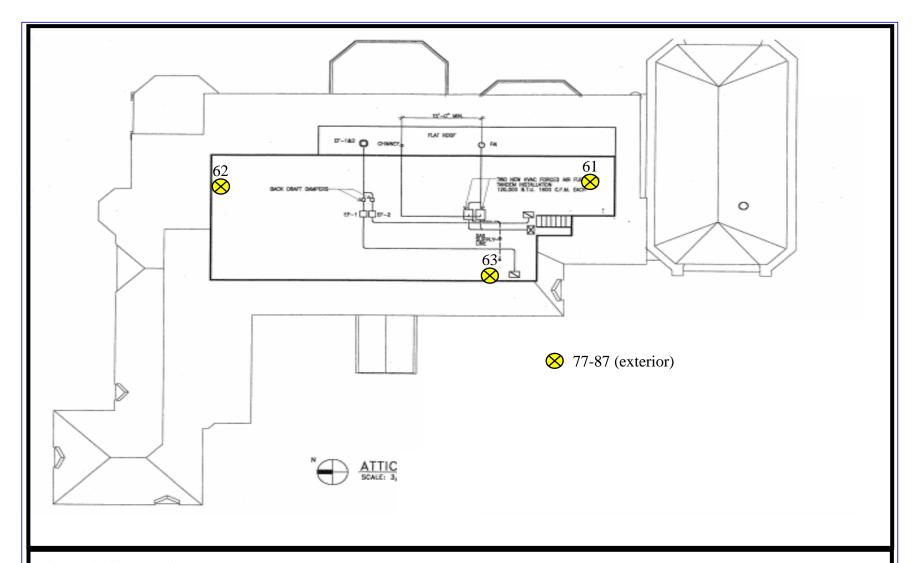


Sample Location (**Bold and RED** are ACM) (*) = <1% Chrysotile

Artists Book House 2603 Sheridan Road, Evanston, Illinois



3rd Floor Sample Location Diagram ECS Project 53:3232 October 2021





Sample Location (**Bold and RED** are ACM) (*) = <1% Chrysotile

Artists Book House 2603 Sheridan Road, Evanston, Illinois



Attic Sample Location Diagram ECS Project 53:3232 October 2021

Appendix II: Laboratory Report(s)



October 6, 2021

ECS Midwest 216 West Jackson Boulevard, Suite 1050 Chicago, IL 60606

CLIENT PROJECT: Sheridan - ABH, 3232

CEI LAB CODE: B217706

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on September 29, 2021. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

Tianbao Bai, Ph.D., CIH Laboratory Director

Mansao Bi





ASBESTOS ANALYTICAL REPORT By: Polarized Light Microscopy

Prepared for

ECS Midwest

CLIENT PROJECT: Sheridan - ABH, 3232

LAB CODE: B217706

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 10/06/21

TOTAL SAMPLES ANALYZED: 75

SAMPLES >1% ASBESTOS: 15



By: POLARIZING LIGHT MICROSCOPY

PROJECT: Sheridan - ABH, 3232 LAB CODE: B217706

011		1 - 1 - 15	Oalan	O-marks Dana 1 11	ASBESTOS
Client ID	Layer	Lab ID	Color	Sample Description	%
1		B126058	White	Wall Texturing Material	None Detected
2		B126059	White	Wall Texturing Material	None Detected
3		B126060	White	Wall Texturing Material	None Detected
4		B126061A	Brown	Floor Tile	Chrysotile 10%
		B126061B	Black	Mastic	Chrysotile 5%
5		B126062A		Sample Not Analyzed per COC	
		B126062B		Sample Not Analyzed per COC	
6		B126063A	Beige,Multicolor	Floor Tile	None Detected
		B126063B	Yellow	Mastic	None Detected
7		B126064A	Beige,Multicolor	Floor Tile	None Detected
		B126064B	Yellow	Mastic	None Detected
8		B126065A	Beige,Multicolor	Floor Tile	None Detected
		B126065B	Yellow	Mastic	None Detected
9		B126066A	Gray,Multicolor	Floor Tile	None Detected
	Layer 1	B126066B	Yellow	Mastic	None Detected
	Layer 2	B126066B	Tan	Sub Floor	None Detected
10		B126067A	Gray,Multicolor	Floor Tile	None Detected
	Layer 1	B126067B	Yellow	Mastic	None Detected
	Layer 2	B126067B	Gray	Sub Floor	None Detected
11		B126068A	Black	Covebase	None Detected
		B126068B	Brown	Mastic	None Detected
12		B126069A	Black	Covebase	None Detected
		B126069B	Brown	Mastic	None Detected
13		B126070A	White	Floor Tile	None Detected
		B126070B	Black	Mastic	Chrysotile 3%
14		B126071A	White	Floor Tile	None Detected
		B126071B		Sample Not Analyzed per COC	
15		B126072A	White	Floor Tile	None Detected
		B126072B		Sample Not Analyzed per COC	
16		B126073A	Brown	Floor Tile	None Detected
		B126073B	Yellow	Mastic	None Detected



By: POLARIZING LIGHT MICROSCOPY

PROJECT: Sheridan - ABH, 3232 LAB CODE: B217706

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
17		B126074A	Brown	Floor Tile	None Detected
		B126074B	Yellow	Mastic	None Detected
18		B126075A	Black	Covebase	None Detected
		B126075B	Brown	Mastic	None Detected
19		B126076A	Black	Covebase	None Detected
		B126076B	Brown	Mastic	None Detected
20		B126077A	Brown, Multicolor	Floor Tile	None Detected
		B126077B	Yellow	Mastic	None Detected
21		B126078A	Brown, Multicolor	Floor Tile	None Detected
		B126078B	Yellow	Mastic	None Detected
22		B126079A	Green	Floor Tile	Chrysotile 10%
	Layer 1	B126079B	Black	Mastic	Chrysotile 5%
	Layer 2	B126079B	Black	Sub Floor	None Detected
23		B126080A		Sample Not Analyzed per COC	
		B126080B		Sample Not Analyzed per COC	
24		B126081A	Tan,Multicolor	Vinyl Flooring	None Detected
		B126081B	Yellow	Mastic	None Detected
25		B126082A	Tan,Multicolor	Vinyl Flooring	None Detected
		B126082B	Yellow	Mastic	None Detected
26		B126083A	Black	Covebase	None Detected
		B126083B	Brown	Mastic	None Detected
27		B126084A	Black	Covebase	None Detected
		B126084B	Brown	Mastic	None Detected
28		B126085	White	Tsi Fitting	Chrysotile 65%
29		B126086		Sample Not Analyzed per COC	
30		B126087	White	Tsi Elbow	Chrysotile 65%
31		B126088		Sample Not Analyzed per COC	
32		B126089	White	Tsi Pipe Insulation	Chrysotile 65%
33		B126090		Sample Not Analyzed per COC	
34		B126091	Brown	Tsi Pipe Insulation	None Detected



By: POLARIZING LIGHT MICROSCOPY

PROJECT: Sheridan - ABH, 3232 LAB CODE: B217706

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
35		B126092	Brown	Tsi Pipe Insulation	None Detected
36		B126093	White	Tsi Fitting Insulation	Chrysotile 65%
37		B126094		Sample Not Analyzed per COC	
38		B126095	White	Tsi Elbow	Chrysotile 65%
39		B126096		Sample Not Analyzed per COC	
40		B126097A	Beige,Multicolor	Floor Tile	None Detected
		B126097B	Yellow	Mastic	None Detected
41		B126098A	Beige,Multicolor	Floor Tile	None Detected
		B126098B	Yellow	Mastic	None Detected
42		B126099A	Beige,Multicolor	Floor Tile	None Detected
		B126099B	Yellow	Mastic	None Detected
43		B126100	White	Tsi Pipe Insulation	Chrysotile 65%
44		B126101		Sample Not Analyzed per COC	
45		B126102	Brown	Tsi Pipe Insulation	None Detected
46		B126103	Brown	Tsi Pipe Insulation	None Detected
47		B126104	White	Tsi Fitting	Chrysotile 65%
48		B126105		Sample Not Analyzed per COC	
49		B126106	White	Tsi Elbow	Chrysotile 65%
50		B126107		Sample Not Analyzed per COC	
51		B126108	White	Tsi Elbow	Chrysotile 65%
52		B126109		Sample Not Analyzed per COC	
53		B126110	White	Tsi Pipe Insulation	Chrysotile 65%
54		B126111		Sample Not Analyzed per COC	
55		B126112A	Brown	Floor Tile	None Detected
	Layer 1	B126112B	Yellow	Mastic	None Detected
	Layer 2	B126112B	Gray	Sub Floor	None Detected
56		B126113A	Brown	Floor Tile	None Detected
	Layer 1	B126113B	Yellow	Mastic	None Detected
	Layer 2	B126113B	Gray	Sub Floor	None Detected
57		B126114A	Green	Floor Tile	None Detected
	Layer 1	B126114B	Yellow	Mastic	None Detected



By: POLARIZING LIGHT MICROSCOPY

PROJECT: Sheridan - ABH, 3232 LAB CODE: B217706

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	B126114B	Black	Sub Floor	None Detected
58		B126115A	Green	Floor Tile	None Detected
	Layer 1	B126115B	Yellow	Mastic	None Detected
	Layer 2	B126115B	Black	Sub Floor	None Detected
59		B126116A	Black	Floor Tile	None Detected
		B126116B	Yellow	Mastic	None Detected
60		B126117A	Black	Floor Tile	None Detected
		B126117B	Yellow	Mastic	None Detected
61	Layer 1	B126118	White	Plaster Skim Coat	None Detected
	Layer 2	B126118	Gray	Plaster Base Coat	None Detected
62	Layer 1	B126119	White	Plaster Skim Coat	None Detected
	Layer 2	B126119	Gray	Plaster Base Coat	None Detected
63	Layer 1	B126120	White	Plaster Skim Coat	None Detected
	Layer 2	B126120	Gray	Plaster Base Coat	None Detected
64		B126121	White	Plaster	None Detected
65	Layer 1	B126122	White	Plaster Skim Coat	None Detected
	Layer 2	B126122	Gray	Plaster Base Coat	None Detected
66	Layer 1	B126123	White	Plaster Skim Coat	None Detected
	Layer 2	B126123	Gray	Plaster Base Coat	None Detected
67	Layer 1	B126124	White	Plaster Skim Coat	None Detected
	Layer 2	B126124	Gray	Plaster Base Coat	None Detected
68		B126125	White	Sheetrock	None Detected
69	Layer 1	B126126	White	Plaster Skim Coat	None Detected
	Layer 2	B126126	Gray	Plaster Base Coat	None Detected
70	Layer 1	B126127	White	Plaster Skim Coat	None Detected
	Layer 2	B126127	Gray	Plaster Base Coat	None Detected
71		B126128	Gray	Plaster	None Detected
72	Layer 1	B126129	White	Plaster Skim Coat	None Detected
	Layer 2	B126129	Gray	Plaster Base Coat	None Detected
73		B126130	White	Sheetrock	None Detected
74	Layer 1	B126131	White	Plaster Skim Coat	None Detected



By: POLARIZING LIGHT MICROSCOPY

PROJECT: Sheridan - ABH, 3232 LAB CODE: B217706

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	B126131	Gray	Plaster Base Coat	None Detected
75	Layer 1	B126132	White	Plaster Skim Coat	None Detected
	Layer 2	B126132	Gray	Plaster Base Coat	None Detected
76		B126133	Gray	Plaster	None Detected
77	Layer 1	B126134	Red	Ceramic Tile	None Detected
	Layer 2	B126134	Gray	Grout	None Detected
78	Layer 1	B126135	Red	Ceramic Tile	None Detected
	Layer 2	B126135	Gray	Grout	None Detected
79	Layer 1	B126136	Red	Ceramic Tile	None Detected
	Layer 2	B126136	Gray	Grout	None Detected
80	Layer 1	B126137	Red	Ceramic Tile	None Detected
	Layer 2	B126137	Gray	Grout	None Detected
81	Layer 1	B126138	Red	Ceramic Tile	None Detected
	Layer 2	B126138	Gray	Grout	None Detected
82	Layer 1	B126139	Red	Ceramic Tile	None Detected
	Layer 2	B126139	Gray	Grout	None Detected
83		B126140	White	Window Frame Caulk	None Detected
84		B126141	White	Window Frame Caulk	None Detected
85		B126142	White	Window Frame Caulk	None Detected
86		B126143	White	Window Frame Caulk	None Detected
87		B126144	White	Window Frame Caulk	None Detected



By: POLARIZING LIGHT MICROSCOPY

B217706

Client: ECS Midwest Lab Code:

216 West Jackson Boulevard, Suite 1050 **Date Received:** 09-29-21

Chicago, IL 60606 Date Analyzed: 10-06-21 Date Reported: 10-06-21

Project: Sheridan - ABH, 3232

Client ID	Lab	Lab	NENTS	ASBESTOS		
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
1	Wall Texturing Material	Heterogeneous		60%	Binder	None Detected
B126058		White		35%	Calc Carb	
		Non-fibrous		5%	Paint	
		Bound				
2	Wall Texturing Material	Heterogeneous		60%	Binder	None Detected
B126059		White		35%	Calc Carb	
		Non-fibrous		5%	Paint	
		Bound				
3	Wall Texturing Material	Heterogeneous		60%	Binder	None Detected
B126060		White		35%	Calc Carb	
		Non-fibrous		5%	Paint	
		Bound				
4	Floor Tile	Homogeneous		90%	Vinyl	10% Chrysotile
B126061A		Brown				
		Non-fibrous				
		Tightly Bound				
B126061B	Mastic	Homogeneous		95%	Mastic	5% Chrysotile
		Black				
		Non-fibrous				
		Bound				
5	Sample Not Analyzed					
B126062A	per COC					
B126062B	Sample Not Analyzed per COC					
6	Floor Tile	Homogeneous		100%	Vinyl	None Detected
B126063A		Beige, Multicolor				
		Non-fibrous				
		Tightly Bound				



By: POLARIZING LIGHT MICROSCOPY

Client: ECS Midwest

216 West Jackson Boulevard, Suite 1050

Chicago, IL 60606

Lab Code: B217706 Date Received: 09-29-21

Date Analyzed: 10-06-21 **Date Reported:** 10-06-21

Project: Sheridan - ABH, 3232

Client ID	Lab	Lab	NON-ASBES	TOS COMPOI	ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
B126063B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
7 B126064A	Floor Tile	Homogeneous Beige,Multicolor Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B126064B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
8 B126065A	Floor Tile	Homogeneous Beige,Multicolor Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B126065B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
9 B126066A	Floor Tile	Homogeneous Gray,Multicolor Non-fibrous Tightly Bound		100%	Vinyl	None Detected
Layer 1 B126066B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected



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216 West Jackson Boulevard, Suite 1050

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Lab Code: B217706 Date Received: 09-29-21

Date Analyzed: 10-06-21

Date Reported: 10-06-21

Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description	Lab NON-ASBESTOS COMPONENT Attributes Fibrous Non-Fibrou				ASBESTOS %
Layer 2 B126066B	Sub Floor	Homogeneous Tan Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
10 B126067A	Floor Tile	Homogeneous Gray,Multicolor Non-fibrous Tightly Bound		100%	Vinyl	None Detected
Layer 1 B126067B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B126067B	Sub Floor	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
11 B126068A	Covebase	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B126068B	Mastic	Homogeneous Brown Non-fibrous Bound		100%	Mastic	None Detected
12 B126069A	Covebase	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected



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216 West Jackson Boulevard, Suite 1050

Chicago, IL 60606

Lab Code: B217706 Date Received: 09-29-21

Date Analyzed: 10-06-21

Date Reported: 10-06-21

Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description Mastic	Lab Attributes	NON-ASBES Fibrous	TOS COMPOI Non-F	ASBESTOS %	
B126069B		Homogeneous Brown Non-fibrous Bound		100%	Mastic	None Detected
13 B126070A	Floor Tile	Homogeneous White Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B126070B	Mastic	Homogeneous Black Non-fibrous Bound		97%	Mastic	3% Chrysotile
14 B126071A	Floor Tile	Homogeneous White Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B126071B	Sample Not Analyzed per COC					
15 B126072A	Floor Tile	Homogeneous White Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B126072B	Sample Not Analyzed per COC					
16 B126073A	Floor Tile	Homogeneous Brown Non-fibrous Tightly Bound		100%	Vinyl	None Detected



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Project: Sheridan - ABH, 3232

Client ID	Lab	Lab	NON-ASBEST		AODLOIGO	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
B126073B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
17 B126074A	Floor Tile	Homogeneous Brown Non-fibrous Tightly Bound		100%	Vinyl	None Detected
B126074B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
18 B126075A	Covebase	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B126075B	Mastic	Homogeneous Brown Non-fibrous Bound		100%	Mastic	None Detected
19 B126076A	Covebase	Homogeneous Black Non-fibrous Bound		100%	Vinyl	None Detected
B126076B	Mastic	Homogeneous Brown Non-fibrous Bound		100%	Mastic	None Detected



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Lab Code: B217706

Date Received: 09-29-21 **Date Analyzed:** 10-06-21

Date Reported: 10-06-21

Project: Sheridan - ABH, 3232

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS			ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%	
20 B126077A	Floor Tile	Homogeneous Brown,Multicolor Non-fibrous Tightly Bound		100%	Vinyl	None Detected	
B126077B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected	
21 B126078A	Floor Tile	Homogeneous Brown,Multicolor Non-fibrous Tightly Bound		100%	Vinyl	None Detected	
B126078B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected	
22 B126079A	Floor Tile	Homogeneous Green Non-fibrous Tightly Bound		90%	Vinyl	10% Chrysotile	
Layer 1 B126079B	Mastic	Homogeneous Black Non-fibrous Bound		95%	Mastic	5% Chrysotile	
Layer 2 B126079B	Sub Floor	Homogeneous Black Non-fibrous Bound		70% 30%	Silicates Binder	None Detected	
23	Sample Not Analyzed						

23 Sample Not Analyzed

B126080A per COC



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B217706

Client: ECS Midwest Lab Code:

216 West Jackson Boulevard, Suite 1050 Date Received: 09-29-21

Chicago, IL 60606 Date Analyzed: 10-06-21 Date Reported: 10-06-21

Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description Sample Not Analyzed per COC	Lab Attributes	NON-ASBESTOS COM Fibrous No			NENTS ibrous	ASBESTOS %
B126080B							
24 B126081A	Vinyl Flooring	Heterogeneous Tan,Multicolor Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
B126081B	Mastic	Homogeneous Yellow Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
25 B126082A	Vinyl Flooring	Heterogeneous Tan,Multicolor Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
B126082B	Mastic	Homogeneous Yellow Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
26 B126083A	Covebase	Homogeneous Black Non-fibrous Bound			100%	Vinyl	None Detected
B126083B	Mastic	Homogeneous Brown Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
27 B126084A	Covebase	Homogeneous Black Non-fibrous Bound			100%	Vinyl	None Detected



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216 West Jackson Boulevard, Suite 1050

Chicago, IL 60606

Lab Code: B217706

Date Received: 09-29-21 **Date Analyzed:** 10-06-21

Date Reported: 10-06-21

Project: Sheridan - ABH, 3232

Client ID	Lab Description Mastic	Lab NON-ASBESTOS COMPONENTS					ASBESTOS	
Lab ID		Attributes	Fibr	ous	Non-F	ibrous	%	
B126084B		Brown	Non-fibrous	2%	Cellulose	98%	Mastic	None Detected
28 B126085	Tsi Fitting	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile	
29 B126086	Sample Not Analyzed per COC							
30 B126087	Tsi Elbow	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile	
31 B126088	Sample Not Analyzed per COC							
32 B126089	Tsi Pipe Insulation	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile	
33 B126090	Sample Not Analyzed per COC							
34 B126091	Tsi Pipe Insulation	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected	
35 B126092	Tsi Pipe Insulation	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected	



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Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description	Lab NON-ASBESTOS COMPONENTS Attributes Fibrous Non-Fibrous					ASBESTOS %	
36 B126093	Tsi Fitting Insulation	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile	
37 B126094	Sample Not Analyzed per COC							
38 B126095	Tsi Elbow	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile	
39 B126096	Sample Not Analyzed per COC							
40 B126097A	Floor Tile	Homogeneous Beige,Multicolor Non-fibrous Tightly Bound			100%	Vinyl	None Detected	
B126097B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected	
41 B126098A	Floor Tile	Homogeneous Beige,Multicolor Non-fibrous Tightly Bound			100%	Vinyl	None Detected	
B126098B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected	



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Project: Sheridan - ABH, 3232

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description Floor Tile	Lab Attributes	I-ASBESTOS ous	S COMPOI Non-F	ASBESTOS %		
42 B126099A		Homogeneous Beige,Multicolor Non-fibrous Tightly Bound			100%	Vinyl	None Detected
B126099B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
43 B126100	Tsi Pipe Insulation	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile
44 B126101	Sample Not Analyzed per COC						
45 B126102	Tsi Pipe Insulation	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
46 B126103	Tsi Pipe Insulation	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose			None Detected
47 B126104	Tsi Fitting	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile
48 B126105	Sample Not Analyzed per COC						

B126105 per COC



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Lab Code: B217706 **Date Received:** 09-29-21

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Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description Tsi Elbow	Lab NON-ASBESTO Attributes Fibrous				NENTS ibrous	ASBESTOS %
49 B126106		Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile
50 B126107	Sample Not Analyzed per COC						
51 B126108	Tsi Elbow	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile
52 B126109	Sample Not Analyzed per COC						
53 B126110	Tsi Pipe Insulation	Heterogeneous White Fibrous Loosely Bound	10%	Cellulose	25%	Binder	65% Chrysotile
54 B126111	Sample Not Analyzed per COC						
55 B126112A	Floor Tile	Homogeneous Brown Non-fibrous Tightly Bound			100%	Vinyl	None Detected
Layer 1 B126112B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 B126112B	Sub Floor	Homogeneous Gray Non-fibrous Bound			75% 25%	Silicates Binder	None Detected



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Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBES Fibrous	TOS COMPOI Non-F	NENTS ibrous	ASBESTOS %
56 B126113A	Floor Tile	Homogeneous Brown Non-fibrous Tightly Bound		100%	Vinyl	None Detected
Layer 1 B126113B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B126113B	Sub Floor	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
57 B126114A	Floor Tile	Homogeneous Green Non-fibrous Tightly Bound		100%	Vinyl	None Detected
Layer 1 B126114B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected
Layer 2 B126114B	Sub Floor	Homogeneous Black Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
58 B126115A	Floor Tile	Homogeneous Green Non-fibrous Tightly Bound		100%	Vinyl	None Detected



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Project: Sheridan - ABH, 3232

Client ID	Lab	Lab	NON-ASBES	NON-ASBESTOS COMPONENTS		ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%	
Layer 1 B126115B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected	
Layer 2 B126115B	Sub Floor	Homogeneous Black Non-fibrous Bound		75% 25%	Silicates Binder	None Detected	
59 B126116A	Floor Tile	Homogeneous Black Non-fibrous Tightly Bound		100%	Vinyl	None Detected	
B126116B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected	
60 B126117A	Floor Tile	Homogeneous Black Non-fibrous Tightly Bound		100%	Vinyl	None Detected	
B126117B	Mastic	Homogeneous Yellow Non-fibrous Bound		100%	Mastic	None Detected	
61 Layer 1 B126118	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		80% 20% <1%	Binder Calc Carb Paint	None Detected	



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Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBEST		NENTS Fibrous	ASBESTOS %
Layer 2 B126118	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
62 Layer 1 B126119	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		80% 20% <1%	Binder Calc Carb Paint	None Detected
Layer 2 B126119	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
63 Layer 1 B126120	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		80% 20% <1%	Binder Calc Carb Paint	None Detected
Layer 2 B126120	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
64 B126121	Plaster	Heterogeneous White Non-fibrous Bound		75% 25% <1%	Silicates Binder Paint	None Detected
65 Layer 1 B126122	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		80% 20% <1%	Binder Calc Carb Paint	None Detected



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Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description	Lab Attributes	NON Fibro	I-ASBESTOS		NENTS Fibrous	ASBESTOS %
							 !
Layer 2	Plaster Base Coat	Homogeneous			75%	Silicates	None Detected
B126122		Gray			25%	Binder	
		Non-fibrous Bound					
66	Plaster Skim Coat	Heterogeneous			80%	Binder	None Detected
Layer 1		White			20%	Calc Carb	
B126123		Non-fibrous			<1%	Paint	
		Bound					
Layer 2	Plaster Base Coat	Homogeneous			75%	Silicates	None Detected
B126123		Gray			25%	Binder	
		Non-fibrous					
		Bound					
67	Plaster Skim Coat	Heterogeneous			80%	Binder	None Detected
Layer 1		White			20%	Calc Carb	
B126124		Non-fibrous			<1%	Paint	
		Bound					
Layer 2	Plaster Base Coat	Homogeneous			75%	Silicates	None Detected
B126124		Gray			25%	Binder	
		Non-fibrous					
		Bound					
68	Sheetrock	Heterogeneous	15%	Cellulose	83%	Gypsum	None Detected
B126125		White			2%	Paint	
		Fibrous					
		Bound					
Lab Notes: \$	Sample appears to be sh	eetrock. No plaster p	oresent.				
69	Plaster Skim Coat	Heterogeneous			80%	Binder	None Detected
Layer 1		White			20%	Calc Carb	
B126126		Non-fibrous			<1%	Paint	
		Bound					



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Project: Sheridan - ABH, 3232

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NOI Fibr	N-ASBESTOS (ous		NENTS Fibrous	ASBESTOS %
Layer 2 B126126	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			75% 25%	Silicates Binder	None Detected
70 Layer 1 B126127	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			80% 20% <1%	Binder Calc Carb Paint	None Detected
Layer 2 B126127	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			75% 25%	Silicates Binder	None Detected
71 B126128	Plaster	Homogeneous Gray Non-fibrous Bound			75% 25%	Silicates Binder	None Detected
72 Layer 1 B126129	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			80% 20% <1%	Binder Calc Carb Paint	None Detected
Layer 2 B126129	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound			75% 25%	Silicates Binder	None Detected
73 B126130	Sheetrock	Heterogeneous White Fibrous Bound	15%	Cellulose	83% 2%	Gypsum Paint	None Detected

Lab Notes: Sample appears to be sheetrock. No plaster present.



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Project: Sheridan - ABH, 3232

Client ID	Lab	Lab	NON-ASBES	тоѕ сомро	NENTS	ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-l	Fibrous	%	
74 Layer 1 B126131	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		80% 20% <1%	Binder Calc Carb Paint	None Detected	
Layer 2 B126131	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected	
75 Layer 1 B126132	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		80% 20% <1%	Binder Calc Carb Paint	None Detected	
Layer 2 B126132	Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected	
76 B126133	Plaster	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected	
77 Layer 1 B126134	Ceramic Tile	Homogeneous Red Non-fibrous Tightly Bound		70% 30%	Silicates Binder	None Detected	
Layer 2 B126134	Grout	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected	



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Project: Sheridan - ABH, 3232

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBEST Fibrous	NON-ASBESTOS COMPONENTS Fibrous Non-Fibrous		ASBESTOS %
78 Layer 1 B126135	Ceramic Tile	Homogeneous Red Non-fibrous Tightly Bound		70% 30%	Silicates Binder	None Detected
Layer 2 B126135	Grout	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
79 Layer 1 B126136	Ceramic Tile	Homogeneous Red Non-fibrous Tightly Bound		70% 30%	Silicates Binder	None Detected
Layer 2 B126136	Grout	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
80 Layer 1 B126137	Ceramic Tile	Homogeneous Red Non-fibrous Tightly Bound		70% 30%	Silicates Binder	None Detected
Layer 2 B126137	Grout	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected
81 Layer 1 B126138	Ceramic Tile	Homogeneous Red Non-fibrous Tightly Bound		70% 30%	Silicates Binder	None Detected



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Project: Sheridan - ABH, 3232

Client ID	Lab	Lab	NON-ASBES	NON-ASBESTOS COMPONENTS		ASBESTOS	
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%	
Layer 2 B126138	Grout	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected	
82 Layer 1 B126139	Ceramic Tile	Homogeneous Red Non-fibrous Tightly Bound		70% 30%	Silicates Binder	None Detected	
Layer 2 B126139	Grout	Homogeneous Gray Non-fibrous Bound		75% 25%	Silicates Binder	None Detected	
83 B126140	Window Frame Caulk	Heterogeneous White Non-fibrous Bound		98% 2%	Caulk Paint	None Detected	
84 B126141	Window Frame Caulk	Heterogeneous White Non-fibrous Bound		98% 2%	Caulk Paint	None Detected	
85 B126142	Window Frame Caulk	Heterogeneous White Non-fibrous Bound		98% 2%	Caulk Paint	None Detected	
86 B126143	Window Frame Caulk	Heterogeneous White Non-fibrous Bound		98% 2%	Caulk Paint	None Detected	



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216 West Jackson Boulevard, Suite 1050 **Date Received:** 09-29-21

Chicago, IL 60606 Date Analyzed: 10-06-21 Date Reported: 10-06-21

Project: Sheridan - ABH, 3232

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS			ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-F	ibrous	%
87	Window Frame Caulk	Heterogeneous		98%	Caulk	None Detected
B126144		White		2%	Paint	
		Non-fibrous				
		Bound				



LEGEND: Non-Anth = Non-Asbestiform Anthophyllite

Non-Trem = Non-Asbestiform Tremolite

Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST

APPROVED BY:

Tianbao Bai, Ph.D., CIH Laboratory Director





CHAIN OF CUSTODY

CEI

730 SE Maynard Road, Cary, NC 27511 Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
	B217706
CEI Lab I.D. Ran	ge: B126058-B126144

	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: AShly Zwolinski
Company: ECS Midwest LLC	Email / Tel: <
Address: 210 W JOCKSON BIVD Switc 1050	Project Name: Sheridan - ABH
chicaGD IL 60606	Project ID#: 3232
Email: Arwolinski@ecslimited.com	PO#: 3232
	STATE SAMPLES COLLECTED IN:

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES. TURN AROUND TIME 3 DAY 5 DAY 2 DAY 4 HR 8 HR 1 DAY METHOD **ASBESTOS** X PLM BULK **EPA 600** PLM POINT COUNT (400) **EPA 600 EPA 600** PLM POINT COUNT (1000) П PLM GRAV w POINT COUNT **EPA 600 CARB 435** PLM BULK **NIOSH 7400** PCM AIR TEM AIR **EPA AHERA NIOSH 7402** TEM AIR TEM AIR (PCME) ISO 10312 TEM AIR ASTM 6281-15 CHATFIELD TEM BULK ASTM D6480-05 (2010) TEM DUST WIPE ASTM D5755-09 (2014) TEM DUST MICROVAC ASTM D7521-16 TEM SOIL CINCINNATI METHOD TEM VERMICULITE TEM QUALITTATIVE IN-HOUSE METHOD OTHER:

REMARKS/SPECIAL INSTRUCTIONS: POSITIVE STOP analysis					Accept Samples Reject Samples
Relinquished By:	Date/	Гime	Received By:		Date/Time
ashly zull	9/23/21	FCdEX	Sum	9129	10:30
000					

Samples will be disposed of 30 days after analysis

Page ____ of ____ Version: CCOC.01.18.1/2.LD



SAMPLING FORM

CEI

COMPANY CONTACT INFORMATION	
company: ECS MidWeS+ LLC	Job Contact: 47
Project Name: Sheridan Rd- ABH	
Project ID #: 3232	Tel: 242-720-3377

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/		EST
1-3	Wall texturna material	309	PLM 🗐	TEM [
4-5	9"x9" Brown Ft + mastic	319	PLM 🗂	TEM [
6-8	12"X12" Beigg MuHicalor F++ Masti	and	PLM	TEM [
9-10	12" X12" Gray Muticolor Ft mastil, Su	of and	PLM [TEM [
11-12	4" black coverase + Adhesive	and	PLM D	TEM [
13-15	12"X12" White Ft + Mastic	200	PLM	TEM [
16-17	6"x6" Brown Ft + Mastic	2 nd	PLM [7]	TEM [
18-19	4" black covebase + mastic	Sug	PLM 🗍	TEM [
20-21	12" X12" Brown multicolor FT + Master	154	PLM	TEM
12-23	9"x9" Green Ft, Mastic, Sub fl	15+	PLM	TEM [
24-25	Tan muticolar viny 1 Flooring	Kitchen	PLM	TEM 🗀
210-27	4" black coverage + Adhesive	Kitchen	PLM []	TEM [
28-29	TSI fitting - 6" pipes	Basinen		TEM 🗀
30-31	TSI elbow - 6" pipes	1	PLM 🔯	TEM [
32-33	TSI pite insulation - 6" pipes		PLM	TEM [
34-35	TSI Pipe insulation - 41 Pipo		PLM	TEM [
3le-37	TSI Fitting insulation - 4" Pin		PLM	TEM [
38-39	TSI CIDOW - 4" Pires		PLM	TEM [
40-42	12" × 12" beige mulicular F++ mu	11C	PLM	TEM [
43-44	TSI Pipe Inswittion - 6" Pipes		PLM	TEM [
45-46	TSI Pipe insulation - 41 papes	i	PLM	TEM [
47-48	TSI FITTING - WI PIPES		PLM	TEM T
49-50	TS1 ellipid - 6 18183		PLM	TEM T
51-52	TSI elbow - ion pipes		PLM	TEM [
53-54	TSI Pipe insulation 6" PLE		PLM	TEM
55-5V	12x12" Bro. 4 Ft, Mostic, SubFl	15+	PLM	TEM [
57-58	10'X10" CTEEN F+, MIGTIC, SULS F	1	PLM	TEM
59-60	id'x b' Block Ft + Mastic		PLM -	TEM T

* positive stop analysis*

> flip page ->

Page ____ of ___ Version: CCOC.01.18.2/2.LD page 2

61-76 77-82 83-87 material

Avea

Plaster throughout red ceramic tite toward roofing white window frame cause exterior

PLM

* Positive Stop Analysis *

Appendix III: Certifications/ Licenses

