

June 27, 2019

Nicole A. Clune, P.E.
Clune Consulting Services
382 W. 1st St.
P.O. Box 103
Minster, OH 45865

Re: Asbestos Sampling & Analysis Report
HAM-75-7.85 Demo 2, PID 110305
Parcel 94: North Amer. Financial Services Building
125 Citycentre Drive, Cincinnati, Ohio 45216

Ms. Clune;

From May 23 to June 3, 2019, Edward A. Council of Advanced Geologic Sciences, LLC (AGS LLC) performed an asbestos inspection at the North American Financial Services Building located at 125 Citycentre Drive, Cincinnati, Ohio (39.199377° N, -84.470478° W), west of I-70 in Hamilton County, Ohio (**see Figure 1**). The North American Financial Services Building is a two story structure with a flat roof. This structure was reportedly built in 1955 and has 19,800 ft² of interior space. It is also located approximately 700 feet southeast of the intersection of Anthony Wayne Avenue and Citycentre Drive (**see Figure 2**).

The asbestos survey activities were implemented as required by U.S. EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) Regulations. The purpose of the asbestos survey was to determine the presence of asbestos containing materials (ACM) that would require abatement or other management issues during future demolition and/or renovation activities.

Edward A. Council is a certified Asbestos Hazard Evaluation Specialist (AHES) in the State of Ohio (#34504). A copy of his current certification documentation is included in **Attachment 1**.

ASBESTOS SAMPLING ACTIVITIES

All portions of the North American Financial Services Building were accessed during the asbestos inspection (with the exception of the building roof) and bulk samples were collected from each potential asbestos containing material (PACM). Access to the building roof was not possible as the egress had been destroyed sometime in the past and excessive water damage

on the ceiling of the second story indicated the building roof was likely not structurally sound (i.e. could not safely support the weight of the AHES).

The bulk sample locations were determined at random from the identified PACMs. PACM samples were collected from applicable homogeneous areas. These areas were identified during the initial part of the asbestos inspection and as the inspection progressed.

Homogeneous sampling areas are defined as a material that exhibited similar physical characteristics (e.g. texture, surface color and appearance). Due to a lack of information on materials used during the construction or previous renovation of the North American Financial Services Building, no data on historic ACMs were available. As such, the professional judgment and experience of the AHES were used to select sampling areas and sample materials.

One hundred and seven (107) sample materials were collected, at least in duplicate, from different areas within the various homogeneous sampling areas. Multiple layers potentially existed in each sample. As such, 171 samples were generated from the materials submitted. The location of each PACM sample, identified in maps, and examples of the sampled materials, in labeled photographs, are included in **Attachment 2**. A description and relevant information on each material sampled is also included in **Attachment 2**.

A large cross-section of the suspect ACM was collected per sample location using appropriate means. Each sample was placed in a clean, uniquely numbered and sealable plastic bag after its collection. Prior to the collection of each sample, the condition of the PACM was noted and estimates of the approximate quantities of the PACMs were recorded.

The materials sampled during this survey included potential friable ACMs and potential Category I and Category II nonfriable materials. Category I non-friable ACMs includes asbestos-containing packing materials, gaskets and seals, roofing, and resilient floor coverings containing greater than 1% asbestos as determined by Polarized Light Microscopy analysis (PLM). Category II non-friable ACM refers to any material, excluding Category I non-friable ACM, containing greater than 1% asbestos as determined by PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

For this survey, Regulated ACMs (RACMs) include:

- Friable asbestos materials using the Ohio EPA definition of friability;
- Category I non-friable ACM that has become friable;
- Category I non-friable ACM that will be, or has been, subjected to sanding, grinding, cutting or abrading; and
- Category II non-friable ACM that has a high probability of becoming, or has become, crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

ANALYTICAL LABORATORY AND DATA ANALYSIS

All bulk samples of suspected ACMs were sent to Environmental Hazards Services, LLC (EHS) in Richmond, Virginia for analysis. All samples were controlled under chain-of-custody procedures. EHS holds accreditation from the National Voluntary Laboratory Accreditation Program (NVLAP). The bulk samples were analyzed for asbestos content using the procedures in USEPA 600/R-93/116, Method for Determination of Asbestos in Bulk Building Materials. Per this method, percentages of asbestos are estimated by low power stereomicroscopy.

The full EHS laboratory asbestos report with chain-of-custody forms can be found in **Attachment 3. Table 1** summarizes the analytical sample results where ACMs were confirmed in the EHS report.

CONCLUSIONS

Based on the analytical data, multiple samples (24) tested positive for asbestos. These samples are assumed to represent like-material present throughout the North American Financial Services Building and include the following:

- **Duct Work Caulking inside False Ceiling**
- **Window Grout/Glazing**
- **Inside Glass Cover Grout/Glazing**
- **Floor Tile**
- **Mastic on Floor Tile**

The duct work caulking materials are present inside the false ceilings located on the first and second stories of the North American Financial Services Building. The window grout/caulking and inside glass cover grout/caulking are present on all the windows within in the building. The Floor tile and tile mastic are present in the basement as well as the first and second stories of the building.

These materials are friable or will likely become friable during future renovation/demolition activities. As such, these materials are collectively assumed to be regulated and must be managed per the applicable State of Ohio requirements that may include their transport to an appropriately permitted facility for waste disposal. Further, if demolition/renovation activities uncover any materials that were not identified/evaluated in this letter report, work should be stopped and the area isolated until the applicable materials can be assessed by an AHES. Likewise, abatement of any RACM identified must be conducted by an asbestos abatement contractor who is licensed by the State of Ohio.

Under certain circumstances, ACMs that are not disturbed may be left in place as long as appropriate and applicable control measures are taken. These measures are defined by Ohio EPA/USEPA/OSHA guidance and must be taken to prevent future exposure to workers and/or the public.

The Ohio EPA requires that the quantities of non-friable ACMs that remain in a structure being renovated or demolished be recorded on the written Notification of Demolition and Renovation Form and submitted to the Ohio EPA field office that has jurisdiction in the county where the renovation or demolition is to occur. Ohio EPA also requires the submission of the initial Notification of Demolition and Renovation (NDR) Form 10 days prior to the start of the renovation or demolition activities. A partially completed Ohio EPA NDR form is included in **Attachment 4**.

AGS LLC appreciates the opportunity to provide you with the results of this asbestos survey. If you have any questions or need additional information regarding the results of these activities, please feel free to contact me at (937) 371-8698. I can also be reached via email at ecouncil@advgeosci.com.

Sincerely,

Advanced Geologic Sciences LLC

A handwritten signature in blue ink that reads "Edward Council". The signature is written in a cursive style.

Edward A. Council, Ph.D., PG, VAP CP
Principal/Technical Director

TABLE 1: SAMPLE RESULTS CONTAINING ASBESTOS

North American Financial Services Building, HAM-75-7.85						
Sample ID Number	Sample Description	Functional Area	Asbestos %	Condition	ACM Friability	Approximate Quantity
5	Black Floor Tile	Entire Building	3%	D-SD	F	15,000 ft ^{2***}
18	Gray Floor Tile	Entire Building	3%	D-SD	F	15,000 ft ^{2***}
21	Light Grey Tile	Entire Building	3%	D-SD	F	15,000 ft ^{2***}
20A	Gray Floor Tile	Entire Building	3%	D-SD	F	15,000 ft ^{2***}
38	Duct Work Caulking inside False Ceiling	Entire Building	Trace <1%	D-SD	F	1,000 ft ²
64	Window Grout/Glazing	Entire Building	2%	D-SD	F	1,000 ft ²
69	Red Floor Tile	Entire Building	5%	D-SD	F	15,000 ft ^{2***}
72	Green Floor Tile	Entire Building	6%	D-SD	F	15,000 ft ^{2***}
87	Black Floor Tile	Entire Building	7%	D-SD	F	15,000 ft ^{2***}
93	Inside Glass Cover Grout/Glazing	Entire Building	2%	D-SD	F	1,000 ft ²
94	Inside Glass Cover Grout/Glazing	Entire Building	2%	D-SD	F	1,000 ft ²
96	Inside Glass Cover Grout/Glazing	Entire Building	Trace <1%	D-SD	F	1,000 ft ²

ACM FRIABILITY:

F: Friable as defined by Ohio EPA
 NF-I: Non-Friable Category I
 NF-II: Non-Friable Category II

CONDITION:

G: Good: Little or no damage
 D: Damaged: <10% total surface area or <25% localized area damage
 SD: Significantly Damaged: >10% total surface area or > 25% to a localized area damage

SAMPLE DATES:

5/23/19-6/3/19

Other (*):**

Multiple layers of floor tile exist one atop another & each tile is not measured separately

TABLE 1: SAMPLE RESULTS CONTAINING ASBESTOS (cont.)

North American Financial Services Building, HAM-75-7.85						
Sample ID Number	Sample Description	Functional Area	Asbestos %	Condition	ACM Friability	Approximate Quantity
107	Green Floor Tile	Entire Building	5%	D-SD	F	15,000 ft ^{2***}
122	Window Grout/Glazing	Entire Building	2%	D-SD	F	1,000 ft ²
124	Black Floor Tile	Entire Building	4%	D-SD	F	15,000 ft ^{2***}
124	Mastic on Black Floor Tile (Possible Tile Contaminant)	Entire Building	Trace <1%	D-SD	F	15,000 ft ^{2***}
131	Black Floor Tile	Entire Building	4%	D-SD	F	15,000 ft ^{2***}
131	Mastic on Black Floor Tile (Possible Tile Contaminant)	Entire Building	Trace <1%	D-SD	F	15,000 ft ^{2***}
132	Gray Floor Tile	Entire Building	3%	D-SD	F	15,000 ft ^{2***}
132	Mastic on Gray Floor Tile (Possible Tile Contaminant)	Entire Building	Trace <1%	D-SD	F	15,000 ft ^{2***}
133	Gray Blue Floor Tile	Entire Building	3%	D-SD	F	15,000 ft ^{2***}
133	Mastic on Gray Blue Floor Tile (Possible Contaminant)	Entire Building	Trace <1%	D-SD	F	15,000 ft ^{2***}
134	Gray Blue Floor Tile	Entire Building	2%	D-SD	F	15,000 ft ^{2***}
134	Mastic on Gray Blue Floor Tile (Possible Contaminant)	Entire Building	Trace <1%	D-SD	F	15,000 ft ^{2***}

ACM FRIABILITY:

F: Friable as defined by Ohio EPA
 NF-I: Non-Friable Category I
 NF-II: Non-Friable Category II

CONDITION:

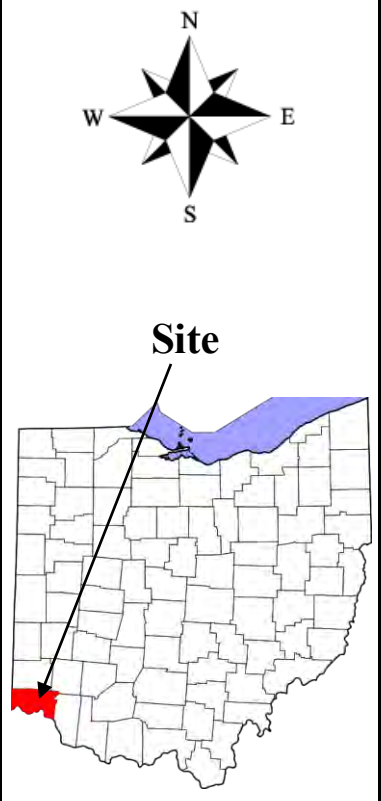
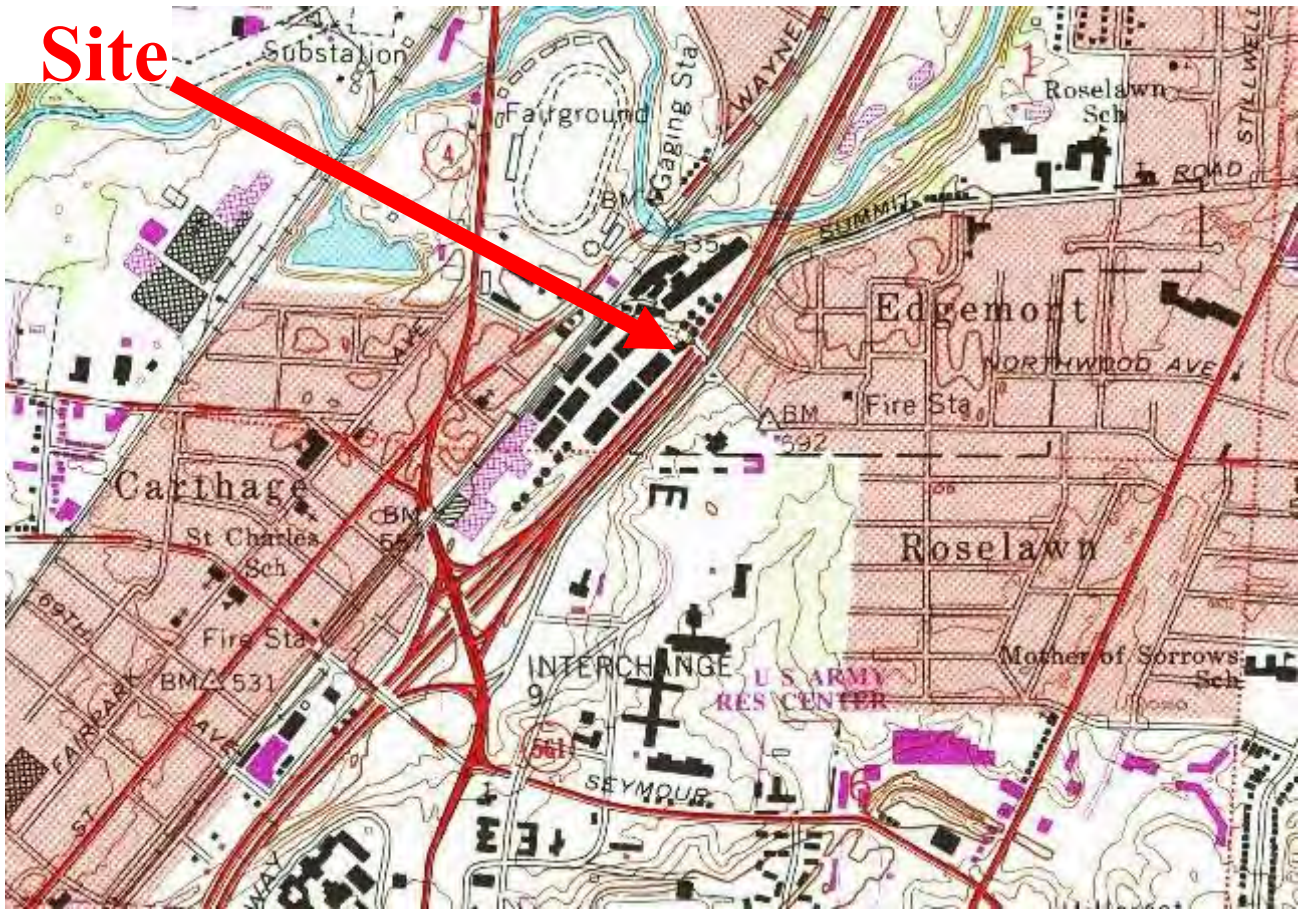
G: Good: Little or no damage
 D: Damaged: <10% total surface area or <25% localized area damage
 SD: Significantly Damaged: >10% total surface area or > 25% to a localized area damage

SAMPLE DATES:

5/23/19-6/3/19

Other (*):**

Multiple layers of floor tile exist one atop another & each tile is not measured separately




Advanced Geologic Sciences LLC
 252 North King Street, Xenia, Ohio 45385
 (937) 371-8698 • advgeosci.com

Figure 1: Topographic Map
 From Cincinnati East, Ohio Quadrangle
 USGS 1961

Scale 1" = 1200 ft
 Prepared 6/26/2019

Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio

Advanced Geologic Sciences LLC
 252 North King Street, Xenia, Ohio 45385
 (937) 371-8698 • advgeosci.com

Figure 2: Aerial Photograph of Site Area
 From Google Maps® 2019

Scale 1" = 80 ft
 Prepared 6/26/2019

Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio

ATTACHMENT 1

OHIO EPA - ASBESTOS HAZARD EVALUATION SPECIALIST CERTIFICATION



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

July 06, 2018

Edward A Council, III
Advanced Geologic Sciences LLC
Box 70
Xenia OH 45385

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES34504
Expiration Date: 07/07/2019

Dear Edward A Council, III:

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

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

If you have any questions, please call 614-644-0226.

Sincerely,

Mark Needham
Manager, Asbestos Program
Division of Air Pollution Control

State of Ohio
Environmental Protection Agency
Asbestos Program

Asbestos Hazard Evaluation Specialist



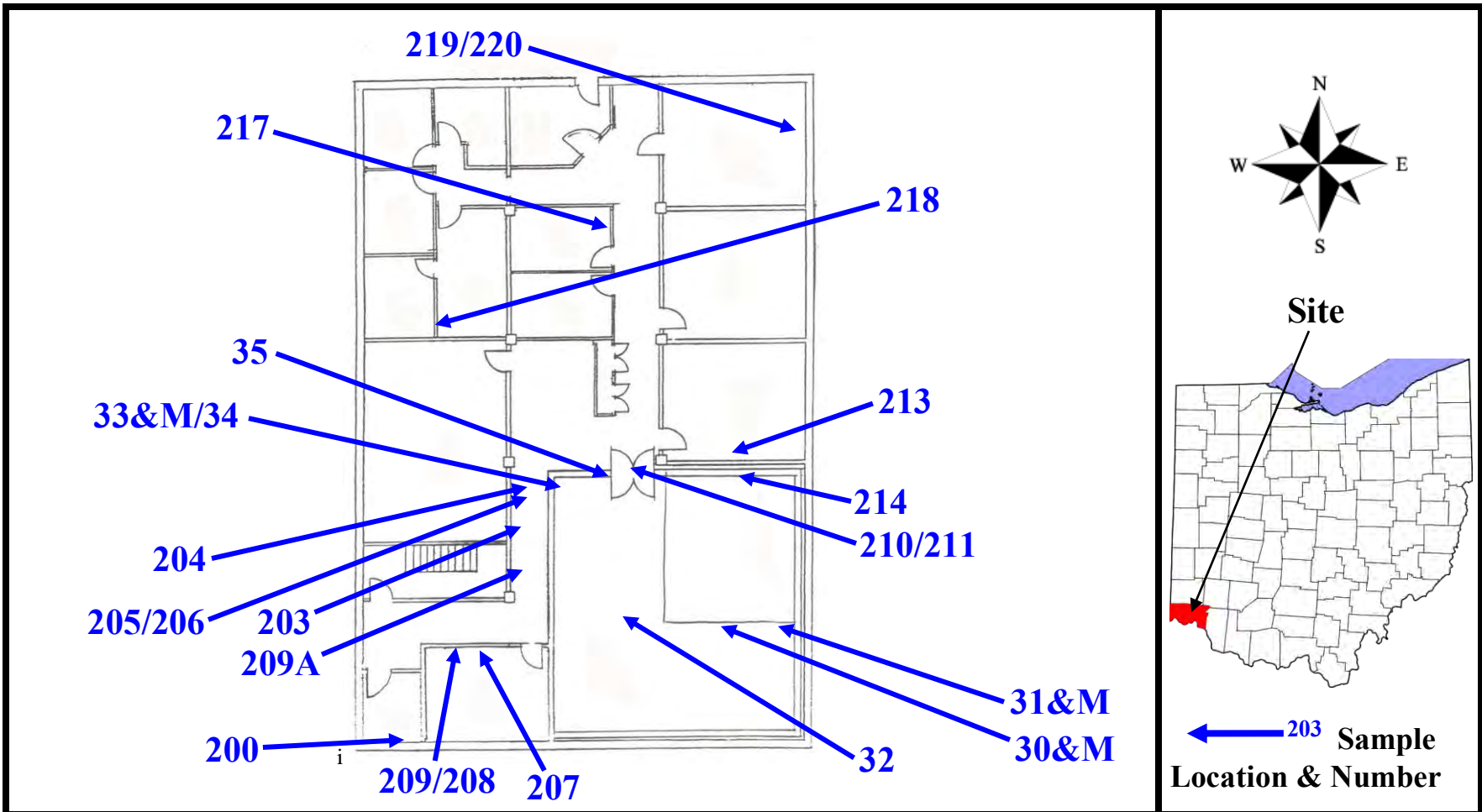
Edward A Council, III
Advanced Geologic Sciences LLC
Box 70
Xenia OH 45385



50 West Town Street • Suite 700 • P.O. Box 1049 • Columbus, OH 43260
epa.ohio.gov • (614) 644-3020 • (614) 644-3022

DOB: 07/18/1958 Certification Number: ES34504 Expiration Date: 07/07/2019
This certification is issued pursuant to Revised Code Chapter 3710 and Administrative Code Chapter 3745-22. This card is not valid if altered.

ATTACHMENT 2
SAMPLE LOCATION MAPS, PHOTOGRAPHS, AND DESCRIPTIONS



Map 1: Basement Sample Locations

Scale 1" = 25 ft

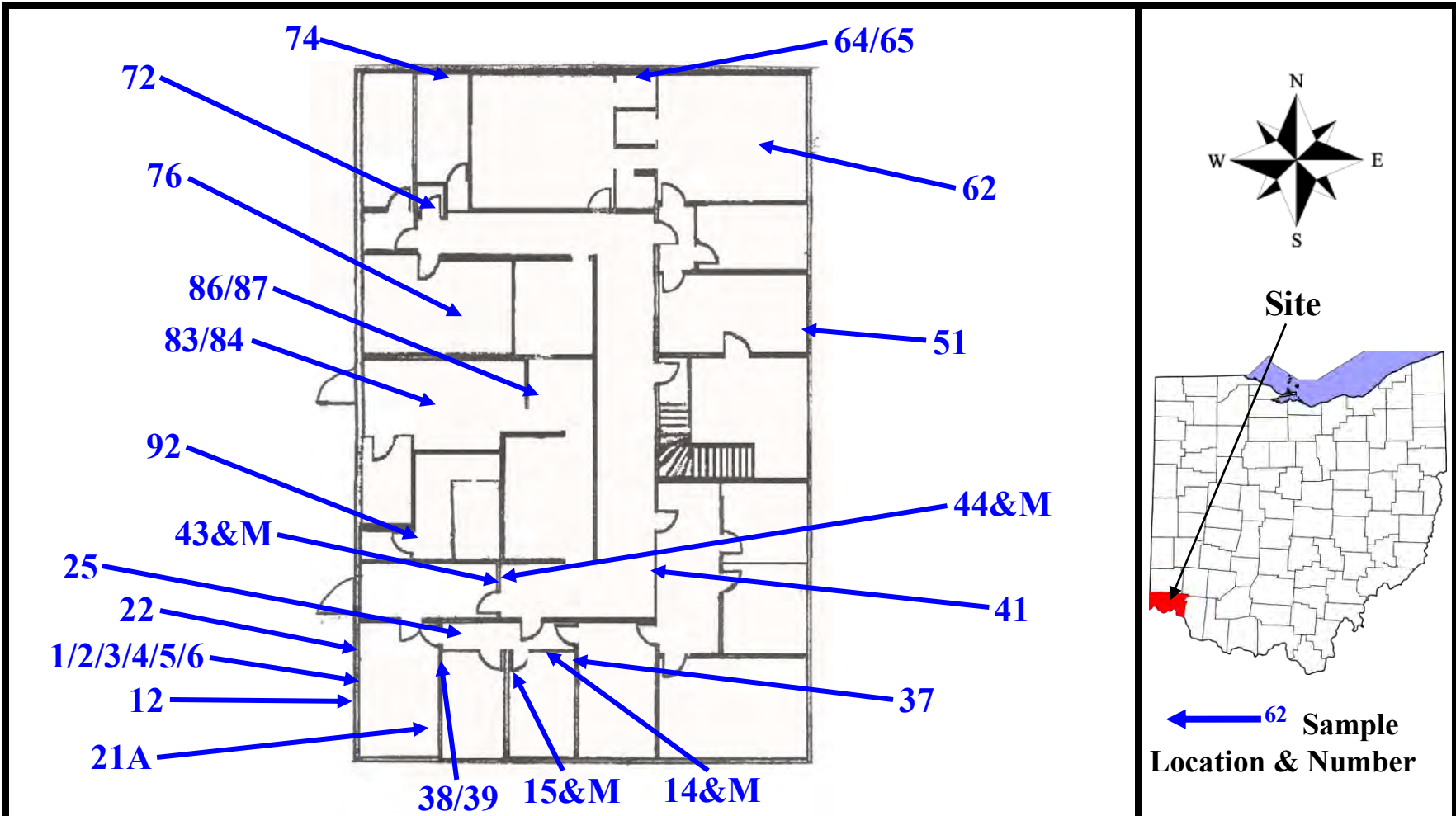
Prepared 6/26/2019




Advanced Geologic Sciences LLC

252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio

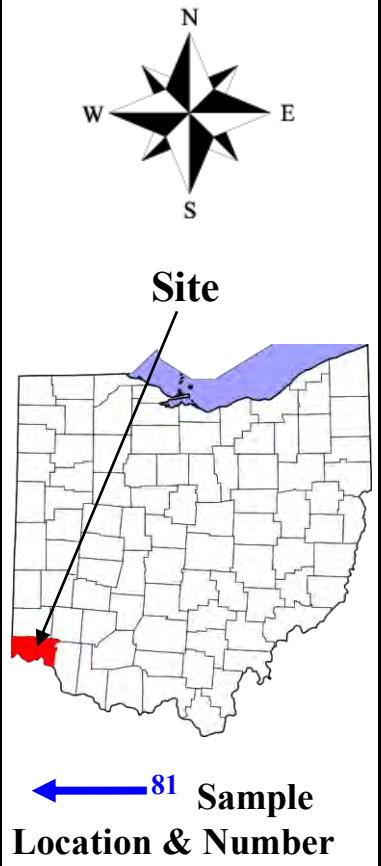
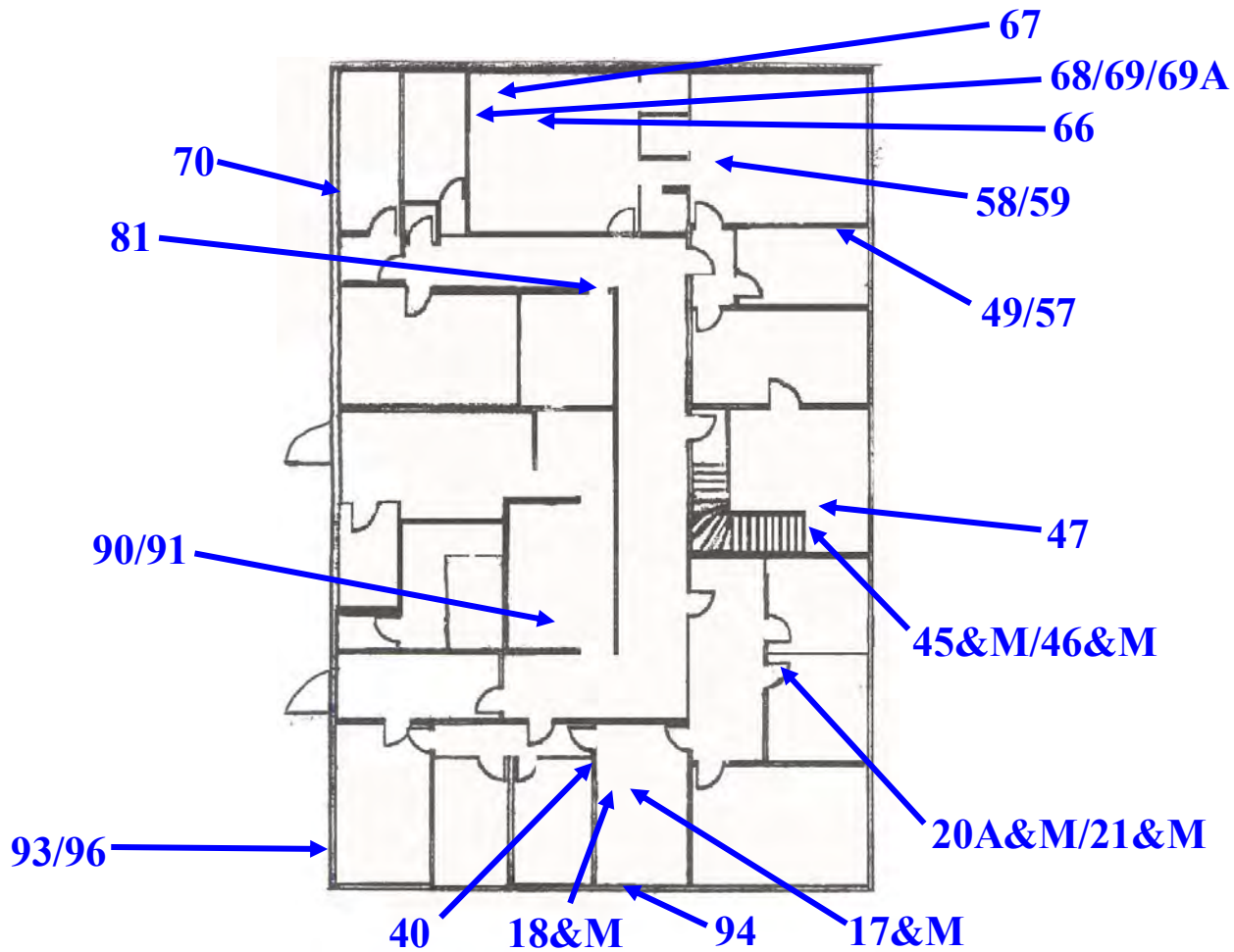




Advanced Geologic Sciences LLC
 252 North King Street, Xenia, Ohio 45385
 (937) 371-8698 • advgeosci.com

Map 2a: First Floor Sample Locations

Scale 1" = 25 ft
 Prepared 6/26/2019

Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio

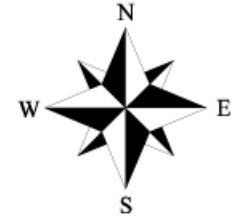
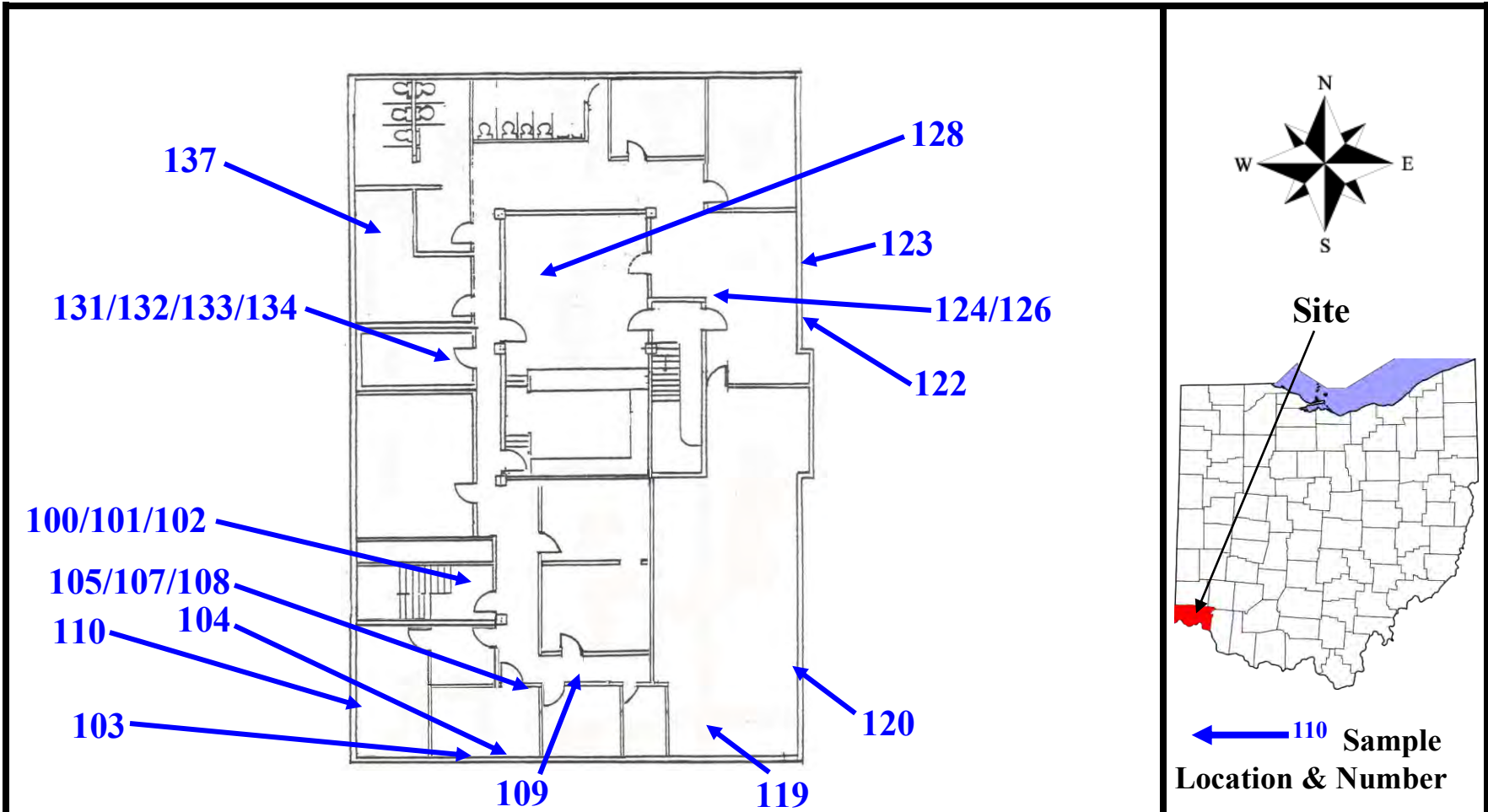



Advanced Geologic Sciences LLC
 252 North King Street, Xenia, Ohio 45385
 (937) 371-8698 • advgeosci.com

Map 2b: First Floor Sample Locations

Scale 1" = 25 ft
 Prepared 6/26/2019

Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio



Site



110 Sample Location & Number

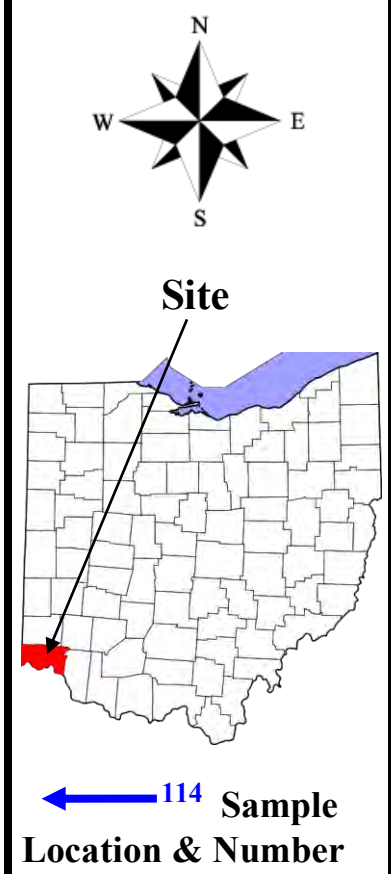
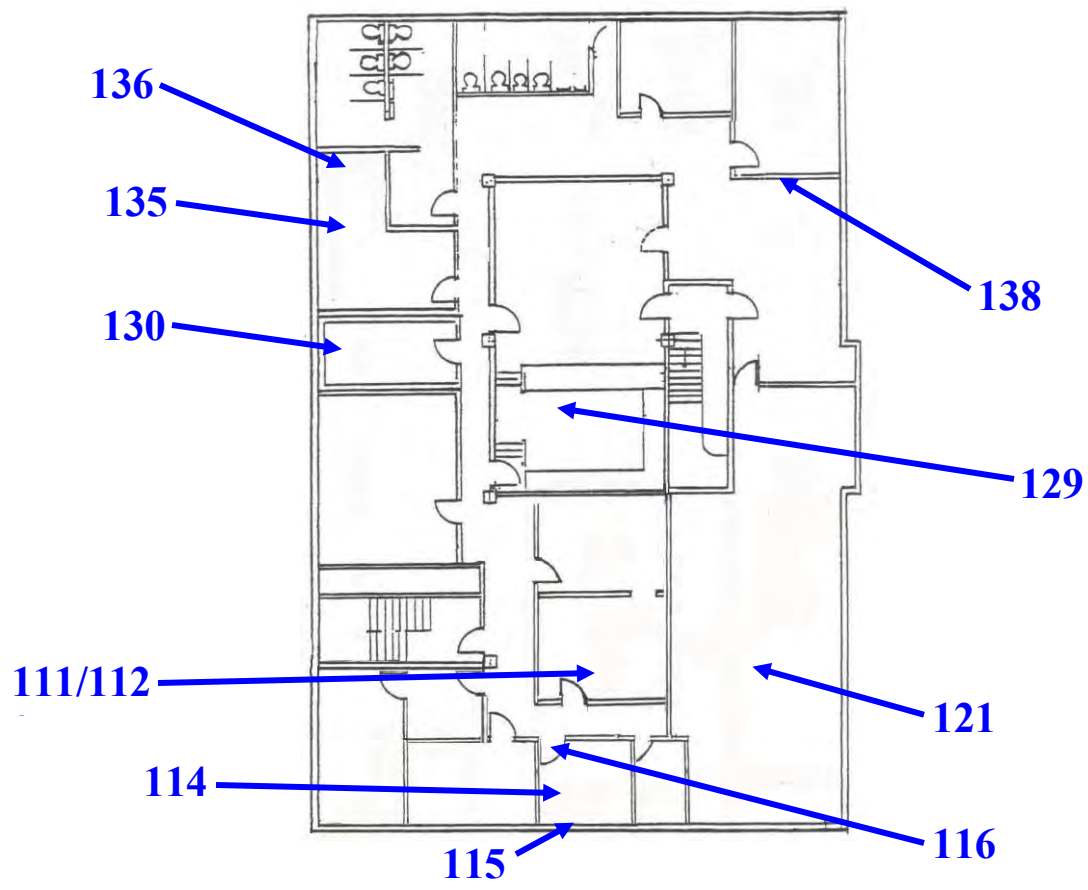


Advanced Geologic Sciences LLC
 252 North King Street, Xenia, Ohio 45385
 (937) 371-8698 • advgeosci.com

Map 3a: Second Floor Sample Locations

Scale 1" = 25 ft
 Prepared 6/26/2019

Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio

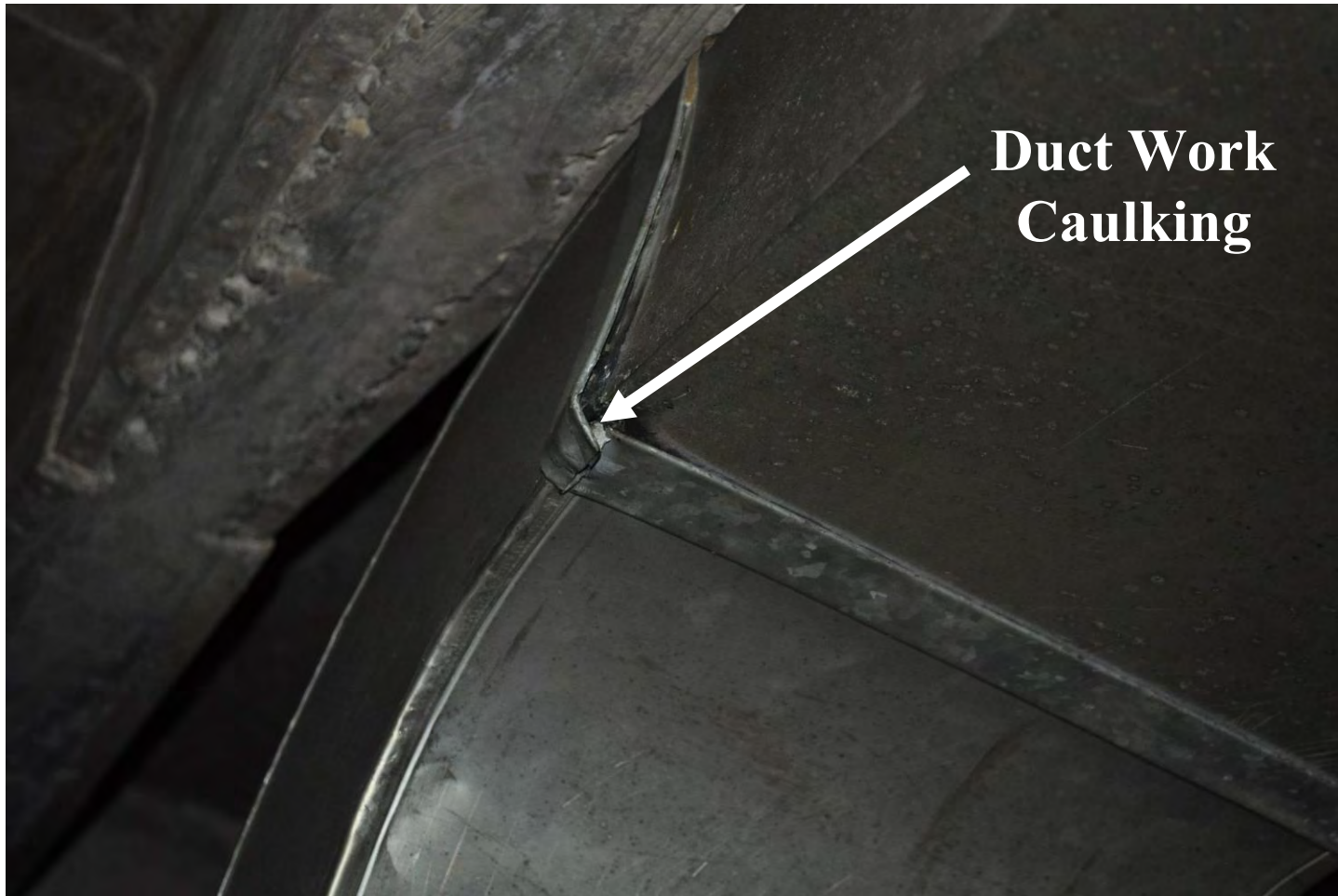


Advanced Geologic Sciences LLC
 252 North King Street, Xenia, Ohio 45385
 (937) 371-8698 • advgeosci.com

Map 3b: Second Floor Sample Locations

Scale 1" = 25 ft
 Prepared 6/26/2019

Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 1: Example of ACM Material
Duct Work Caulking inside False Ceiling**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



Window
Caulking



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 2: Example of ACM Material
Window Grout/Glazing under Glass Cover**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



Glass Cover Grout/Glazing

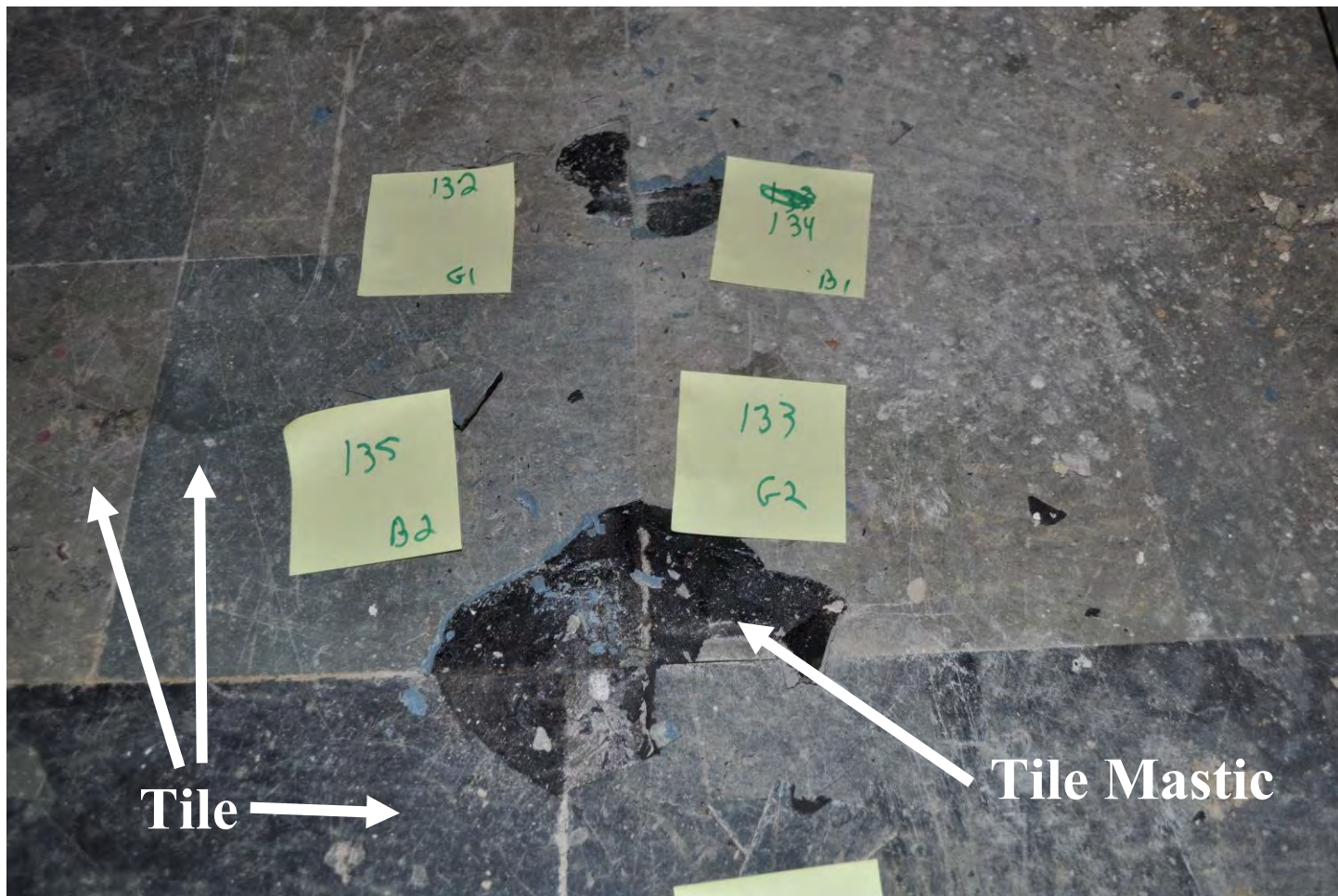


Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 3: Example of ACM Material
Glass Cover Grout/Glazing**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 4: Example of ACM Materials
Various Floor Tile & Tile Mastic**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**

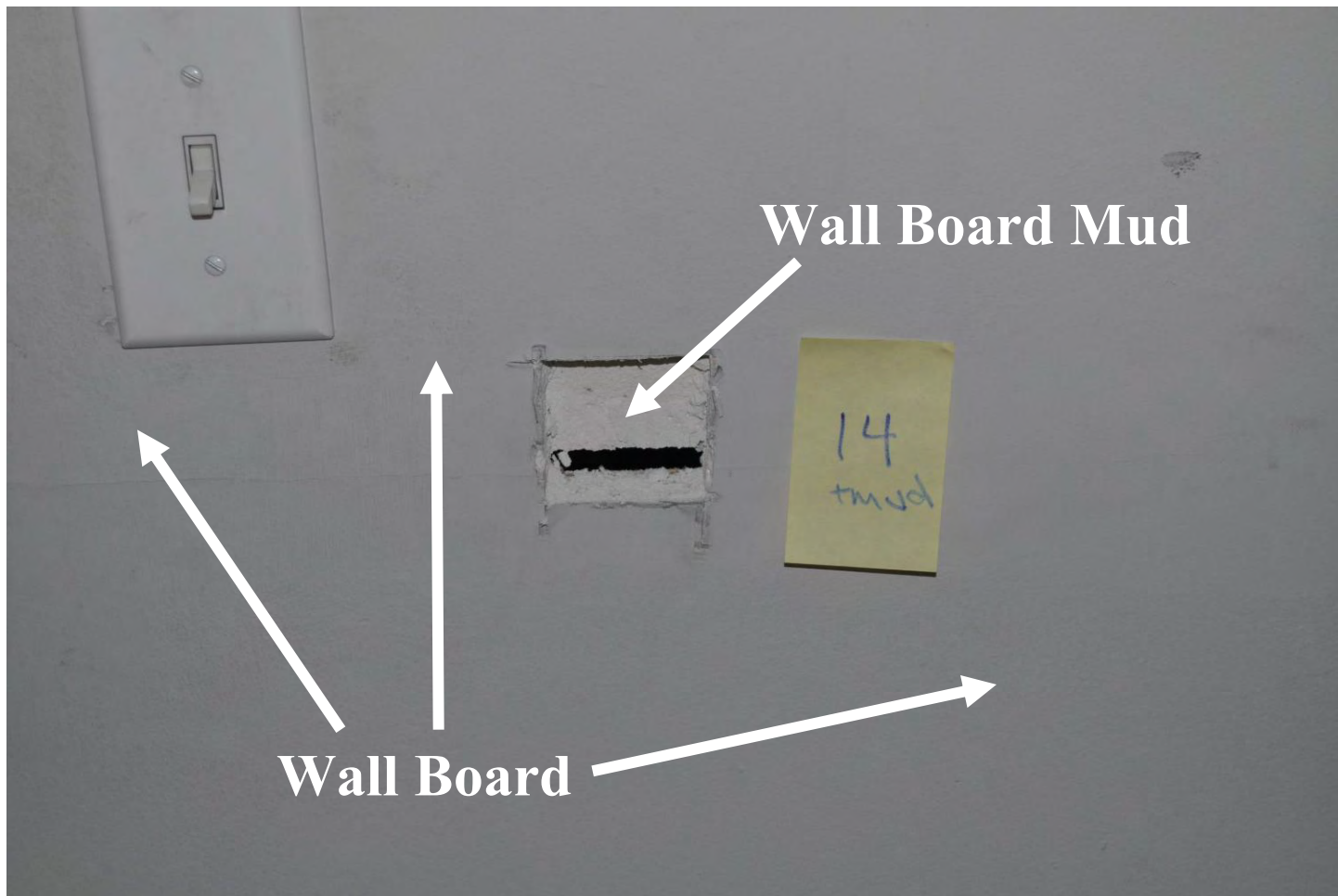


Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 5: Example of PACM Materials
Rug, Kick Plate & Mastics**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**

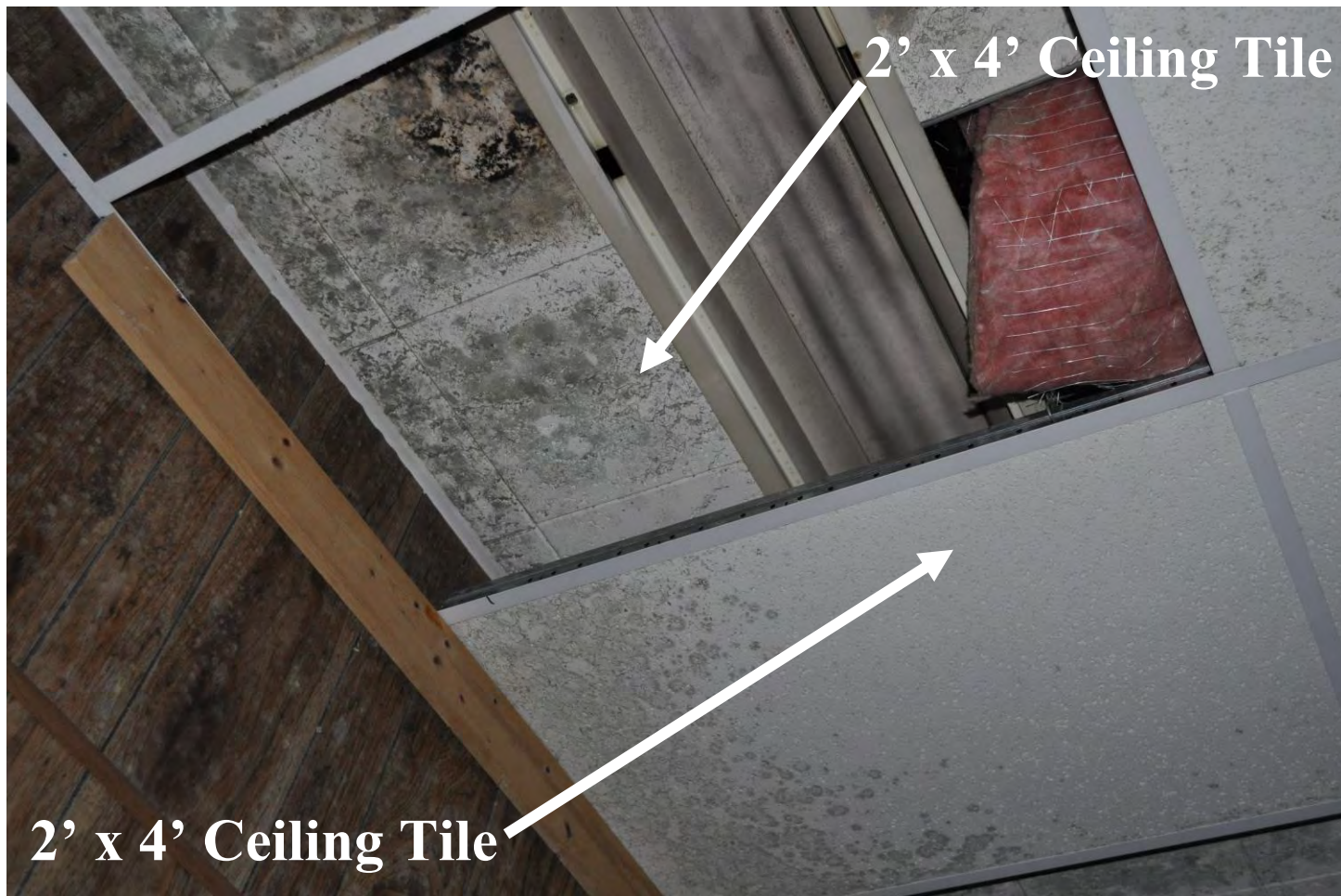


Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 6: Example of PACM Materials
Wall Board & Mud**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 7: Example of PACM Materials
Different Types of Ceiling Tile**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



Plaster Coat over Concrete



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 8: Example of PACM Materials
Plaster Coating over Concrete**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



**Fake Wood/Paneling over
Wall Board**



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 9 Example of PACM Materials
Fake Wood/Paneling Covered Wall Board**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



**Red Floor
Teraso**



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 10 Example of PACM Material
Red Floor Teraso**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 11 Example of PACM Material
Unused Layer of Light Gray Felt**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



Ceiling Plaster



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 12 Example of PACM Material
Ceiling Plaster**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



**Window
Plaster**

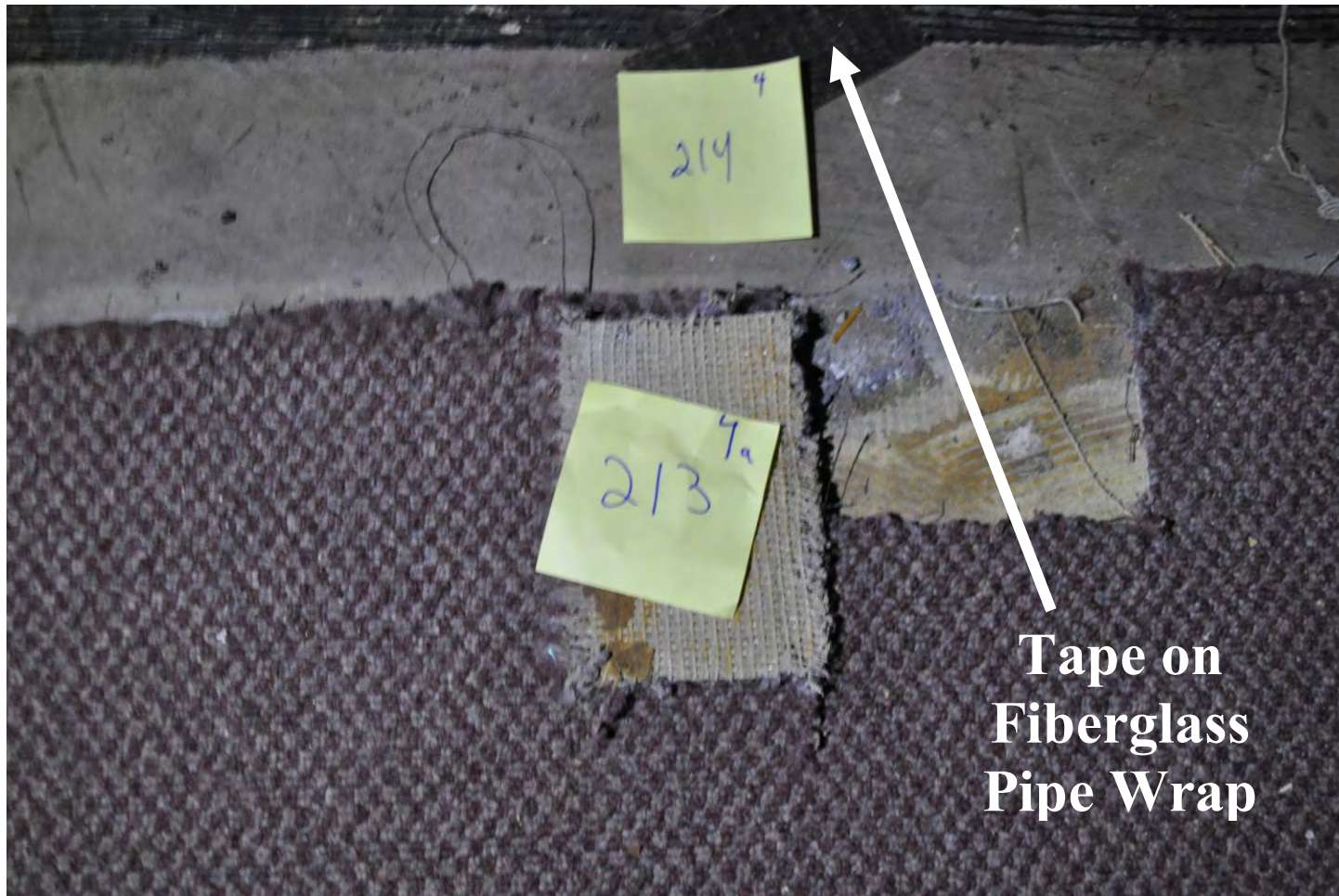


Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 13 Example of PACM Material
Window Plaster**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**



**Tape on
Fiberglass
Pipe Wrap**



Advanced Geologic Sciences LLC
252 North King Street, Xenia, Ohio 45385
(937) 371-8698 • advgeosci.com

**Photograph 14 Example of PACM Material
Tape on 8" Diameter Fiberglass Pipe Wrap**

Not to Scale

**Asbestos Sampling and Analysis Report
North American Financial Services Building HAM-75-7.85
Hamilton County, Ohio**

ATTACHMENT 2
PACM Sample Information

Sample	PACM Sample Description
1&2	6" Black Kick Plate & Mastic
3&4	Gray Rug & Yellow Mastic
5&6	Black Tile & Black Mastic
12	Light Gray Friable Window Grout
14&M	Faint Gray Wall Board & Mud
15&M	Gray Rug #2
17&M	4" Black Kick Plate & White Mastic
18&M	Gray Tile & Black Mastic
21&M	Light Gray Tile & Black Mastic
20A&M	Gray Tile & Black Mastic
21A	Ceiling Tile
22	Plaster Coat on Concrete Walls
25	Smooth Ceiling Tile #2
30&M	Black Rug & Yellow Mastic
31&M	White Wall Board & Mud
32	White Wall Board
33&M	White Kick Plate & Mastic
34	Gray Brown Rug
35	Fake Wood Covered Wall Board
37	Ceiling Tile
38	Hidden Duct Work Caulking
39	Plaster Coat on Concrete Walls
40	Ceiling Tile #1 with Lots of Holes
41	Ceiling Tile
43&M	Gray Carpet with Blue/Red Dots & Mastic
44&M	Gray Carpet with Blue/Red Dots & Mastic
45&M	Red Carpet & Brown Mastic
46&M	Red Carpet & Brown Mastic
47	Red Teraso
49	Plaster Coat on Concrete Walls
51	Window Grout
57	Ceiling Tile
58	Tan Carpet
59	Tan Carpet & Mastic
62	Ceiling Tile 2'x4'
64	Window Grout/Glazing
65	Red 4" Kick Plate & Mastic
66	Wall Board
67	Wood Paneling Composite

PACM – Potential Asbestos Containing Material

ATTACHMENT 2
PACM Sample Information (cont.)

Sample	PACM Sample Description
68	Red & Gray Carpet
69	Red Tile, Yellow Carpet Glue & Black Mastic
69A	Ceiling Tile
70	Edge/Corner Kick Plate #1
72	Tile & Mastic
74	Black 4" Kick Plate & Plastic
76	Black Painted Ceiling Tile 1' x 1'
81	Gray 2" Thick Felt 2' x 4' at Fake Door
83	Gray Rug & Mastic
84	Edge Corner for Carpet-Tile Interface
86	Very Light Tan/White Tile & Mastic
87	Black Tile Under Sample #86
90	Med Gray Linoleum & Mastic
91	Med Gray Linoleum & Mastic
92	Ceiling Tile
93	Window Inside Glass Cover Glazing #2
94	Window Inside Cover #2
96	Window Inside Cover Glazing
100	Ceiling Plaster #1
101	Ceiling Plaster #2
102	Ceiling Plaster #3
103	Window Glazing #3
104	Window Glazing #3
105	Gray Carpet & Mastic
107	Green Tile & Mastic Under Sample #105
108	6" Kick Plate & Mastic
109	Wet Ceiling Tile 2' x 4' on Floor
110	Ceiling Tile 2' x 4'
111	Ceiling Tile 2' x 2'
112	Ceiling Tile 2' x 2'
114	Old & Hidden Ceiling Tile 1' x 1'
115	Plaster from Top of Window
116	Wet Gray Carpet & Mastic
119	Old & Hidden Ceiling Tile 1' x 1'
120	Plaster from Top of Window
121	4" Black Kick Plate & Mastic
122	Window Caulking/Glazing
123	6" Black Kick Plate & Mastic
124	Black Tile & Mastic
126	White/Pink Tile & Mastic

PACM – Potential Asbestos Containing Material

ATTACHMENT 2
PACM Sample Information (cont.)

Sample	PACM Sample Description
128	Wall Board
129	Old & Hidden Ceiling Tile 1' x 1'
130	Old Roof Plaster on Mesh
131	Black Tile & Mastic
132	Gray Tile & Mastic
133	Gray Blue Tile & Mastic
134	Gray Blue Tile & Mastic
135	Ceiling Tile 2' x 4'
136	Tile & Mud on Wall
137	Tile on Floor at Base of Sample #136
138	Wall Board
200	Ceiling Tile fixed to Wall
203	Ceiling Tile in Hallway #1
204	Ceiling Tile in Hallway #2
205	Gray Rug & Mastic
206	Gray/Red Rug & Mastic
207	Black Rug & Mastic
208	Tan/Brown Rug & Mastic
209	White Kick Plate & Mastic
209A	Gray/Red Rug & Mastic
210	Black/Gray Tile & Mastic
211	Black/Gray Tile & Mastic
213	Brown/White Rug & Mastic
214	Tape on Fiberglass 8" Diameter Pipe
217	Wall Board
218	Wall Board
219	Rug Under Sample #220
220	Tile & Mastic

PACM – Potential Asbestos Containing Material

ATTACHMENT 3

ASBESTOS ANALYTICAL RESULTS AND CHAIN-OF-CUSTODY



Asbestos Bulk Analysis Report

Environmental Hazards Services, L.L.C.

7469 Whitepine Rd
Richmond, VA 23237

Telephone: 800.347.4010

Report Number: 19-06-01339

Client: Advanced Geologic Sciences LLC
PO Box 70
252 North King St
Xenia, OH 45305

Received Date: 06/10/2019
Analyzed Date: 06/13/2019
Reported Date: 06/13/2019

Project/Test Address: HAM-75-7.85; 125 City Centre Drive; Cincinnati, Ohio

Client Number:
201369

Fax Number:

Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-001	1		Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-002	2		Tan/Brown Adhesive; Inhomogeneous	NAD	1% Cellulose 99% Non-Fibrous
19-06-01339-003	3		Gray Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-004	4		Yellow Adhesive; Homogeneous	NAD	2% Cellulose 1% Synthetic 97% Non-Fibrous
19-06-01339-005	5		Black Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos:	3%

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-006A	6	Mastic I	Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
19-06-01339-006B	6	Mastic II	Black Tar; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
19-06-01339-007	12		Gray Brittle; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-008	14		White Powder; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-06-01339-009	14M		White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-010	15		Gray Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-011	15M		Yellow Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
19-06-01339-012	17		Black Vinyl; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-013	17M		White Adhesive; Homogeneous	NAD	1% Cellulose 99% Non-Fibrous
19-06-01339-014	18		Gray Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos: 3%	
19-06-01339-015A	18M	Mastic I	Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
19-06-01339-015B	18M	Mastic II	Black Tar; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
19-06-01339-016	21		Gray Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos: 3%	
19-06-01339-017A	21M	Mastic I	Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
19-06-01339-017B	21M	Mastic II	Black Tar; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
19-06-01339-018	20A		Blue Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos: 3%	
19-06-01339-019	20M		Black Tar; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-020	21A		Gray Fibrous; White Paint; Inhomogeneous	NAD	70% Fibrous Glass 30% Non-Fibrous
19-06-01339-021	22		Brown/White Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-06-01339-022	25		Gray Fibrous; White Paint; Inhomogeneous	NAD	70% Fibrous Glass 30% Non-Fibrous
19-06-01339-023	30		Black Fibrous; Homogeneous	NAD	96% Synthetic 4% Non-Fibrous
19-06-01339-024	30M		Yellow Adhesive; Homogeneous	NAD	2% Cellulose 4% Synthetic 94% Non-Fibrous
19-06-01339-025	31		White Powder; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-06-01339-026	31M		White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-027	32		White Powder; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369

Report Number: 19-06-01339

Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
Cincinnati, Ohio

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-028	33		White Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-029	33M		Yellow Adhesive; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
19-06-01339-030A	34	Carpet	Gray Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-030B	34	Mastic	Yellow Adhesive; Homogeneous	NAD	1% Cellulose 4% Synthetic 95% Non-Fibrous
19-06-01339-031	35		White Powder; Brown Fibrous; White Granular; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
19-06-01339-032	37		Brown Fibrous; White Paint; Inhomogeneous	NAD	65% Cellulose 5% Fibrous Glass 30% Non-Fibrous
19-06-01339-033	38		Gray Brittle; Homogeneous	Trace <1% Chrysotile	100% Non-Fibrous
Total Asbestos:				Trace <1%	
19-06-01339-034	39		White Granular; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-035	40		Gray Fibrous; Homogeneous	NAD	70% Fibrous Glass 30% Non-Fibrous
19-06-01339-036	41		Gray Fibrous; White Paint; Inhomogeneous	NAD	1% Cellulose 70% Fibrous Glass 29% Non-Fibrous
19-06-01339-037	43		Gray Fibrous; Homogeneous	NAD	96% Synthetic 4% Non-Fibrous
19-06-01339-038	43M		Yellow Adhesive; Homogeneous	NAD	1% Cellulose 4% Synthetic 95% Non-Fibrous
19-06-01339-039	44		Gray Fibrous; Homogeneous	NAD	96% Synthetic 4% Non-Fibrous
19-06-01339-040	44M		Yellow Adhesive; Homogeneous	NAD	1% Cellulose 5% Fibrous Glass 94% Non-Fibrous
19-06-01339-041	45		Red Fibrous; Homogeneous	NAD	96% Synthetic 4% Non-Fibrous
19-06-01339-042	45M		Yellow Adhesive; Homogeneous	NAD	1% Cellulose 6% Synthetic 93% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-043	46		Red Fibrous; Homogeneous	NAD	96% Synthetic 4% Non-Fibrous
19-06-01339-044	46M		Yellow Adhesive; Homogeneous	NAD	5% Synthetic 95% Non-Fibrous
19-06-01339-045	47		Red Cementitious; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-046	49		White/Gray Granular; Inhomogeneous	NAD	100% Non-Fibrous
19-06-01339-047	51		Tan Brittle; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-048	57		White Paint; Gray Fibrous; Inhomogeneous	NAD	88% Fibrous Glass 12% Non-Fibrous
19-06-01339-049	58		Tan Fibrous; Homogeneous	NAD	85% Synthetic 15% Non-Fibrous
19-06-01339-050A	59	Carpet	Tan Fibrous; Homogeneous	NAD	85% Synthetic 15% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-050B	59	Mastic	Brown Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-051	62		White Paint; Gray Fibrous; Inhomogeneous	NAD	65% Cellulose 15% Fibrous Glass 20% Non-Fibrous
19-06-01339-052	64		Gray Brittle; Homogeneous	2% Chrysotile	98% Non-Fibrous
				Total Asbestos: 2%	
19-06-01339-053A	65	Cove Base	Red Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-053B	65	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-054A	66	Drywall	White Powdery; Brown Fibrous; Inhomogeneous	NAD	28% Cellulose 3% Fibrous Glass 69% Non-Fibrous
19-06-01339-054B	66	Joint Comp.	White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-055	67		Brown Fibrous; Homogeneous	NAD	72% Cellulose 28% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-056	68		Red/Gray Fibrous; Homogeneous	NAD	85% Synthetic 15% Non-Fibrous
19-06-01339-057A	69	Tile	Red Vinyl; Homogeneous	5% Chrysotile	95% Non-Fibrous
				Total Asbestos: 5%	
19-06-01339-057B	69	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-058	69		Black Tar like; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-059	69A		White Paint; Gray Fibrous; Inhomogeneous	NAD	60% Cellulose 20% Fibrous Glass 20% Non-Fibrous
19-06-01339-060A	70	Cove Base	Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-060B	70	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-061A	72	Tile	Green Vinyl; Homogeneous	6% Chrysotile	94% Non-Fibrous
				Total Asbestos: 6%	

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-061B	72	Mastic	Black Tar like; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-062A	74	Cove Base	Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-062B	74	Mastic	Tan Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-063	76		Black Paint; Gray Fibrous; Inhomogeneous	NAD	86% Fibrous Glass 14% Non-Fibrous
19-06-01339-064	81		Gray Fibrous; Homogeneous	NAD	14% Cellulose 72% Synthetic 14% Non-Fibrous
19-06-01339-065A	83	Carpet	Gray Fibrous; Homogeneous	NAD	88% Synthetic 12% Non-Fibrous
19-06-01339-065B	83	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-066A	84	Cove Base	Black Vinyl; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-066B	84	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-067A	86	Tile	Tan/White Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-067B	86	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-068A	87	Tile	Black Vinyl; Homogeneous	7% Chrysotile Total Asbestos: 7%	93% Non-Fibrous
19-06-01339-068B	87	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-069A	90	Linoleum	Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-069B	90	Mastic	Clear Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-070A	91	Linoleum	Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-070B	91	Mastic	Clear Adhesive; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-071	92		White Paint; Gray Fibrous; Inhomogeneous	NAD	92% Fibrous Glass 8% Non-Fibrous
19-06-01339-072	93		Tan Brittle; Homogeneous	2% Chrysotile Total Asbestos: 2%	98% Non-Fibrous
19-06-01339-073	94		Tan Brittle; Homogeneous	2% Chrysotile Total Asbestos: 2%	98% Non-Fibrous
19-06-01339-074	96		Gray Brittle; Homogeneous	Trace <1% Chrysotile Total Asbestos: Trace <1%	100% Non-Fibrous
19-06-01339-075	100		White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-076	101		White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-077	102		White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-078	103		White Rubbery; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-079	104		White Rubbery; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-080A	105	Carpet	Gray Fibrous; Homogeneous	NAD	85% Synthetic 15% Non-Fibrous
19-06-01339-080B	105	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-081A	107	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
Top layer.					
19-06-01339-081B	107	Tile	Green Vinyl; Homogeneous	5% Chrysotile	95% Non-Fibrous
Total Asbestos: 5%					
19-06-01339-081C	107	Mastic	Black Tar like; Homogeneous	NAD	100% Non-Fibrous
Bottom layer.					
19-06-01339-082A	108	Cove Base	Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-082B	108	Mastic	White Adhesive; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-082C	108	Joint Comp.	White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-083	109		White Paint-Like; Beige Fibrous; Inhomogeneous	NAD	70% Cellulose 20% Fibrous Glass 10% Non-Fibrous
19-06-01339-084	110		White Paint-Like; Beige Fibrous; Inhomogeneous	NAD	70% Cellulose 20% Fibrous Glass 10% Non-Fibrous
19-06-01339-085	111		White Paint-Like; Beige Fibrous; Inhomogeneous	NAD	70% Cellulose 20% Fibrous Glass 10% Non-Fibrous
19-06-01339-086	112		White Paint-Like; Beige Fibrous; Inhomogeneous	NAD	70% Cellulose 20% Fibrous Glass 10% Non-Fibrous
19-06-01339-087	114		Gray Fibrous; Homogeneous	NAD	5% Cellulose 85% Fibrous Glass 10% Non-Fibrous
19-06-01339-088	115		White Granular; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369

Report Number: 19-06-01339

Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
Cincinnati, Ohio

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-089A	116	Carpet	Gray Fibrous; Homogeneous	NAD	99% Synthetic 1% Non-Fibrous
19-06-01339-089B	116	Mastic	Tan Adhesive; Homogeneous	NAD	2% Cellulose 3% Synthetic 95% Non-Fibrous
19-06-01339-090	119		Gray Fibrous; Homogeneous	NAD	5% Cellulose 85% Fibrous Glass 10% Non-Fibrous
19-06-01339-091	120		White Granular; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-092A	121	Cove Base	Black Vinyl-Like; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-092B	121	Mastic	Clear/Tan Adhesive; Inhomogeneous	NAD	2% Cellulose 98% Non-Fibrous
Unable to separate mastics.					
19-06-01339-093	122		Beige Brittle; Homogeneous	2% Chrysotile	98% Non-Fibrous
				Total Asbestos: 2%	
19-06-01339-094A	123	Cove Base	Black Vinyl-Like; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369

Report Number: 19-06-01339

Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
Cincinnati, Ohio

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-094B	123	Mastic I	Tan Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-094C	123	Mastic II	Brown Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-095A	124	Other *	Tan Adhesive; Gray Chalky; Inhomogeneous	NAD	3% Cellulose 97% Non-Fibrous
*Mastic I/Leveling Compound-Like Material. Unable to separate materials.					
19-06-01339-095B	124	Tile	Black Vinyl; Homogeneous	4% Chrysotile	96% Non-Fibrous
				Total Asbestos: 4%	
19-06-01339-095C	124	Mastic II	Black/Tan Adhesive; Inhomogeneous	Trace <1% Chrysotile	100% Non-Fibrous
				Total Asbestos: Trace <1%	
Unable to separate mastics. Possible contamination from tile.					
19-06-01339-096A	126	Mastic	Tan Adhesive; Homogeneous	NAD	2% Synthetic 98% Non-Fibrous
19-06-01339-096B	126	Underlay- ment	Tan Vinyl; Homogeneous	NAD	100% Non-Fibrous
No bottom mastic present.					
19-06-01339-097	128		Orange Paint-Like; Brown Fibrous; Gray Chalky; Inhomogeneous	NAD	35% Cellulose 65% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-098	129		White Paint-Like; Gray Fibrous; Inhomogeneous	NAD	5% Cellulose 85% Fibrous Glass 10% Non-Fibrous
19-06-01339-099	130		White Paint-Like; White Brittle; Gray Granular; Inhomogeneous	NAD	1% Hair 99% Non-Fibrous
19-06-01339-100A	131	Tile	Black Vinyl; Homogeneous	4% Chrysotile	96% Non-Fibrous
				Total Asbestos: 4%	
19-06-01339-100B	131	Mastic	Black Adhesive; Homogeneous	Trace <1% Chrysotile	100% Non-Fibrous
				Total Asbestos: Trace <1%	
Possible contamination from tile.					
19-06-01339-101A	132	Tile	Gray Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos: 3%	
19-06-01339-101B	132	Mastic	Black Adhesive; Homogeneous	Trace <1% Chrysotile	100% Non-Fibrous
				Total Asbestos: Trace <1%	
Possible contamination from tile					
19-06-01339-102A	133	Tile	Gray Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos: 3%	
19-06-01339-102B	133	Mastic	Black Adhesive; Homogeneous	Trace <1% Chrysotile	100% Non-Fibrous
				Total Asbestos: Trace <1%	
Possible contamination from tile					

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-103A	134	Tile	Gray Vinyl; Homogeneous	2% Chrysotile	98% Non-Fibrous
				Total Asbestos: 2%	
19-06-01339-103B	134	Mastic	Black Adhesive; Homogeneous	Trace <1% Chrysotile	100% Non-Fibrous
				Total Asbestos: Trace <1%	
Possible contamination from tile					
19-06-01339-104	135		Gray/White Fibrous; Inhomogeneous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous
19-06-01339-105A	136	Ceiling Tile	White Fibrous; Silver Foil-Like; Inhomogeneous	NAD	3% Cellulose 85% Fibrous Glass 12% Non-Fibrous
19-06-01339-105B	136	Other *	White Chalky; Homogeneous	NAD	100% Non-Fibrous
*Joint Compound-Like Material					
19-06-01339-106A	137	Ceiling Tile	White Fibrous; Silver Foil-Like; Inhomogeneous	NAD	3% Cellulose 85% Fibrous Glass 12% Non-Fibrous
19-06-01339-106B	137	Other *	White Pliable; Homogeneous	NAD	100% Non-Fibrous
*Pliable Material					
19-06-01339-107	138		White Chalky; Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 2% Fibrous Glass 83% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-108	200		Gray/White Fibrous; Inhomogeneous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous
19-06-01339-109	203		Gray/White Fibrous; Inhomogeneous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous
19-06-01339-110	204		Gray/White Fibrous; Inhomogeneous	NAD	55% Cellulose 35% Fibrous Glass 10% Non-Fibrous
19-06-01339-111A	205	Carpet	Gray Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-111B	205	Mastic	Orange Adhesive; Homogeneous	NAD	3% Synthetic 97% Non-Fibrous
19-06-01339-112A	206	Carpet	Gray/Red Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-112B	206	Mastic	Orange Adhesive; Homogeneous	NAD	3% Synthetic 97% Non-Fibrous
19-06-01339-113A	207	Carpet	Black Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-113B	207	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Synthetic 97% Non-Fibrous
19-06-01339-114A	208	Carpet	Tan/Brown Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-114B	208	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Synthetic 97% Non-Fibrous
19-06-01339-115A	209	Cove Base	Tan Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-115B	209	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
19-06-01339-116A	209A	Carpet	Gray/Red Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-116B	209A	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Synthetic 97% Non-Fibrous
19-06-01339-117A	210	Tile	Black Vinyl; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Drive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-117B	210	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-118A	211	Tile	Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-118B	211	Mastic	Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
19-06-01339-119A	213	Carpet	Brown/Gray Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-119B	213	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Synthetic 97% Non-Fibrous
19-06-01339-120	214		Brown/Black Fibrous; Black Tar-Like; Silver Foil-Like; Inhomogeneous	NAD	35% Cellulose 65% Non-Fibrous
19-06-01339-121	217		White Chalky; Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 3% Fibrous Glass 82% Non-Fibrous
19-06-01339-122	218		White Chalky; Brown Fibrous; Inhomogeneous	NAD	15% Cellulose 2% Fibrous Glass 83% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
 Project/Test Address: HAM-75-7.85; 125 City Centre Dive;
 Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
19-06-01339-123A	219	Carpet	Tan/Gray Fibrous; Homogeneous	NAD	95% Synthetic 5% Non-Fibrous
19-06-01339-123B	219	Mastic	Yellow Adhesive; Homogeneous	NAD	3% Synthetic 97% Non-Fibrous
19-06-01339-124A	220	Tile I	Brown Vinyl; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
19-06-01339-124B	220	Other *	Clear Adhesive; Homogeneous	NAD	100% Non-Fibrous
*Mastic under tile I					
19-06-01339-124C	220	Tile II	Blue Vinyl; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 201369
Project/Test Address: HAM-75-7.85; 125 City Centre Dive;
Cincinnati, Ohio

Report Number: 19-06-01339

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
-------------------	----------------------	------------	-----------------------	----------	-----------------

QC Sample: 39-M12015-1, 32-M22010-2, 40-M22012-3

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Christian H. Schaible, Sami
Hosn, Keleigh King, Kathy
Fletcher

Reviewed By Authorized Signatory:



Tasha Eaddy
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected



Asbestos Chain-of-Custody

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

19-06-01339

Due Date:
06/13/2019
(Thursday) ¹²³
E ¹²⁴
PLM

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR				COMMENTS
			PLM	PLM Paint Count 400	PLM Paint Count 1000	PLM NY Protocol	PCM	TEM Certified (Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/min)	Total Time (minutes)	
1	1&2	5/23/19	✓											6" Black Kick Plate plus Mastic
2	3&4	5/23/19	✓											Gray Rug plus Yellow Mastic
3	5&6	5/23/19	✓											Black Tile and Black Mastic (TB Friable)
4	12	5/23/19	✓											Light Gray Friable Window Grout
5	14&M	5/23/19	✓											Faint Gray Wall Board and Mud??
6	15&M	5/23/19	✓											Gray Rug #2
7	17&M	5/23/19	✓											4" Black Kick Plate plus White Mastic
8	18&M	5/23/19	✓											Gray Tile and Black Mastic
9	21&M	5/23/19	✓											Light Gray Tile plus Black Mastic
10	20A &M	5/23/19	✓											Gray Tile plus Black Mastic

Released by: <u>Edward A. Council</u>	Signature:	Date/Time: <u>6/7/19 9:30 am</u>
Received by: <u>TStone</u>	Signature:	Date/Time: <u>6/10/19 2:00pm</u>



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () _____ E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR			Volume (Total Liters)	COMMENTS
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/min)		
1	21A	5/23/2019	✓											* Sample bag not labeled with "m", sample taken from COC. icf 6/11/19
2	22	5/23/2019	✓										Plaster Coat on Concrete Walls	
3	25	5/23/2019	✓										Ceiling Tile #2 - Smooth	
4	30&M	5/23/2019	✓										Black Rug & Yellow Mastic	
5	31&M	5/23/2019	✓										White Wall Board and Mud	
6	32	5/23/2019	✓										White Wall Board	
7	33&M	5/23/2019	✓										White Kick Plate plus Mastic	
8	34	5/23/2019	✓										Gray Brown Rug	
9	35	5/23/2019	✓										Wood Covered Wall Board	
10	37	5/24/2019	✓										Ceiling Tile	

Released by: <u>Edward A. Council</u>	Signature:	Date/Time: <u>6/7/19 9:30 am</u>
Received by: <u>Stone</u>	Signature:	Date/Time: <u>6/11/19 2:06pm</u>



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385

Phone: (937) 371-8698 Fax: () E-mail: ecouncil@advgeosci.com Acct. Number: _____

Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio

Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			Volume (Total Liters)	COMMENTS	
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM AHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	38	5/24/2019	✓											* Sample bag not labeled with "M" sample # taken from coc. FEB COMMENTS 6/11/19
2	39	5/24/2019	✓										Hidden Duct Work Caulking	
3	40	5/24/2019	✓										Plaster Coat on Concrete Walls	
4	41	5/24/2019	✓										Ceiling Tile #1 - Lots of Holes	
5	43&M	5/24/2019	✓										Ceiling Tile	
6	44&M	5/24/2019	✓										Gray Carpet with Blue/Red Dots and Mastic	
7	45&M	5/24/2019	✓										Gray Carpet with Blue/Red Dots and Mastic	
8	46&M	5/24/2019	✓										Red Carpet & Brown Mastic	
9	47	5/24/2019	✓										Red Carpet & Brown Mastic	
10	49	5/28/2019	✓										Red Teraso	
													Plaster Coat on Concrete Walls	

Released by: Edward A. Council Signature: Date/Time: 6/7/19 9:30 am

Received by: T Stone Signature: Date/Time: 6/10/19 2:06pm



Asbestos Chain-of-Custody

5/27/2019

#6.56

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () _____ E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR			COMMENTS	
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEMAHERA (Air)	Time On	Time Off	Flow Rate (L/min)		Total Time (minutes)
1	51	5/28/2019	✓											Window Grout
2	57	5/28/2019	✓											Ceiling Tile
3	58	5/28/2019	✓											Tan Carpet
4	59	5/28/2019	✓											Tan Carpet & Mastic
5	62	5/28/2019	✓											Ceiling Tile 2'x4'
6	64	5/28/2019	✓											Window Grout/Glazing
7	65	5/28/2019	✓											Red 4" Kick Plate & Mastic
8	66	5/28/2019	✓											Wall Board
9	67	5/28/2019	✓											Wood Paneling Composite
10	68	5/28/2019	✓											Red and Gray Carpet

Released by: <u>Edward A. Council</u>	Signature:	Date/Time: <u>6/7/19 9:30 am</u>
Received by: <u>TStone</u>	Signature:	Date/Time: <u>6/10/19 2:06pm</u>



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR				Volume (Total Liters)	COMMENTS
			PLM	PLM Paint Count 400	PLM Paint Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/min)		
1	69	5/28/2019	✓											* Sample bag not labeled with "m" samples taken from A/E
2	69A	5/28/2019	✓											EB
3	70	5/28/2019	✓											6/11/19
4	72	5/28/2019	✓											
5	74	5/28/2019	✓											
6	76	5/28/2019	✓											
7	81	5/28/2019	✓											
8	83	5/31/2019	✓											
9	84	5/31/2019	✓											
10	86	5/31/2019	✓											

Released by: Edward A. Council Signature: [Signature] Date/Time: 6/7/19 9:30 am
 Received by: T Stone Signature: [Signature] Date/Time: 6/10/19 2:00 pm



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR			COMMENTS	
			PIM	PLM Paint Count 400	PLM Paint Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM/AMERA (Air)	Time On	Time Off	Flow Rate (L/min)		Total Time (minutes)
1	87	5/31/2019	✓											Black Tile under #86
2	90	5/31/2019	✓											Med Gray Linoleum & Mastic
3	91	5/31/2019	✓											Med Gray Linoleum & Mastic
4	92	5/31/2019	✓											Ceiling Tile
5	93	5/31/2019	✓											Window Inside Glass Cover Glazing #2
6	94	5/31/2019	✓											Window Inside Cover #2
7	96	5/31/2019	✓											Window Inside Cover Glazing
8	100	5/31/2019	✓											Ceiling Plaster #1
9	101	5/31/2019	✓											Ceiling Plaster #2
10	102	5/31/2019	✓											Ceiling Plaster #3

Released by: <u>Edward A. Council</u>	Signature:	Date/Time: <u>6/7/19 9:30 am</u>
Received by: <u>TStone</u>	Signature:	Date/Time: <u>6/10/19 2:06pm</u>



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () _____ E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR			COMMENTS		
			PLM	PLM Pair Count 400	PLM Pair Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM/AMERA (Air)	Time On	Time Off	Flow Rate (L/min)		Total Time (minutes)	Volume (Total Liters)
1	103	5/31/2019	✓												Window Glazing #3
2	104	5/31/2019	✓												Window Glazing #3
3	105	5/31/2019	✓												Gray Carpet & Mastic
4	107	5/31/2019	✓												Green Tile & Mastic Under #105
5	108	5/31/2019	✓												6" Kick Plate & Mastic
6	109	5/31/2019	✓												Ceiling Tile 2' x 4' Wet on Floor
7	110	5/31/2019	✓												Ceiling Tile 2' x 4'
8	111	5/31/2019	✓												Ceiling Tile 2' x 2'
9	112	5/31/2019	✓												Ceiling Tile 2' x 2'
10	114	6/3/2019	✓												Ceiling Tile - Old Hidden 1' x 1'

Released by: Edward A. Council Signature: Ed Council Date/Time: 6/7/19 9:30 am
 Received by: Tstone Signature: Tstone Date/Time: 6/10/19 2:06 pm



Asbestos Chain-of-Custody

1739

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () _____ E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR			COMMENTS	
			PLM	PLM Paint Count 400	PLM Paint Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM AHRA (Air)	Time On	Time Off	Flow Rate (L/min)		Total Time (minutes)
1	115	6/3/2019	✓											Plaster from Top of Window
2	116	6/3/2019	✓											Gray Carpet & Mastic - Wet
3	119	6/3/2019	✓											Ceiling Tile - Old Hidden 1' x 1'
4	120	6/3/2019	✓											Plaster from Top of Window
5	121	6/3/2019	✓											4" Black Kick Plate & Mastic
6	122	6/3/2019	✓											Window Caulking/Glazing
7	123	6/3/2019	✓											6" Black Kick Plate & Mastic
8	124	6/3/2019	✓											Black Tile & Mastic
9	126	6/3/2019	✓											White/Pink Tile & Mastic
10	128	6/3/2019	✓											Wall Board
Released by: Edward A. Council			Signature:							Date/Time: 6/7/19 9:30 am				
Received by: <u>TStone</u>			Signature:							Date/Time: <u>6/10/19 2:06pm</u>				



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS							AIR				COMMENTS	
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L/min)	Total Time (minutes)		Volume (Total Liters)
1	129	6/3/2019	✓												Ceiling Tile - Old Hidden 1' x 1'
2	130	6/3/2019	✓												Old Roof Plaster on Mesh
3	131	6/3/2019	✓												Black Tile & Mastic
4	132	6/3/2019	✓												Gray Tile & Mastic
5	133	6/3/2019	✓												Gray Blue Tile & Mastic
6	134	6/3/2019	✓												Gray Blue Tile & Mastic
7	135	6/3/2019	✓												Ceiling Tile - 2' x 4'
8	136	6/3/2019	✓												Tile & Mud(?) on Wall
9	137	6/3/2019	✓												Tile on Floor at Base of #136
10	138	6/3/2019	✓												Wall Board

Released by: Edward A. Council Signature: [Signature] Date/Time: 6/7/19 9:30 am
 Received by: [Signature] Signature: [Signature] Date/Time: 6/10/19 2:06 pm



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR				COMMENTS	
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEMAHERA (Air)	Time On	Time Off	Flow Rate (L/min)		Total Time (minutes)
1	200	6/3/2019	✓											Ceiling Tile fixed to Wall
2	203	6/3/2019	✓											Ceiling Tile in Hall Way #1
3	204	6/3/2019	✓											Ceiling Tile in Hall Way #2
4	205	6/3/2019	✓											Gray Rug & Mastic
5	206	6/3/2019	✓											Gray+Red Rug & Mastic
6	207	6/3/2019	✓											Black Rug & Mastic
7	208	6/3/2019	✓											Tan/Brown Rug & Mastic
8	209	6/3/2019	✓											White Kick Plate & Mastic
9	209A	6/3/2019	✓											Gray+Red Rug & Mastic
10	210	6/3/2019	✓											Black+Gray Tile & Mastic
Released by: Edward A. Council			Signature: <i>[Signature]</i>						Date/Time: 6/7/19 9:30 am					
Received by: <i>[Signature]</i>			Signature: <i>[Signature]</i>						Date/Time: 6/10/19 2:06pm					



Asbestos Chain-of-Custody

1339

~ For Lab Use Only ~

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA
 (804)275-4907 (fax) 23237

Company Name: Advanced Geologic Sciences LLC Address: 252 N. King Street City/State/Zip: Xenia, Ohio 45385
 Phone: (937) 371-8698 Fax: () _____ E-mail: ecouncil@advgeosci.com Acct. Number: _____
 Project Name / Testing Address: HAM-75-7.85 @ 125 City Centre Dive City/State (Required): Cincinnati Ohio
 Collected by: Edward A. Council Purchase Order Number: _____

Turn Around Times : *If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

1 - Day
 2 - Day
 3 - Day
 Same Day (Must Call Ahead)
 Weekend (Must Call Ahead)

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			COMMENTS		
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Chatfield (Bulk)	TEM/ASHERA (Air)	Time On	Time Off		Flow Rate (L/min)	Total Time (minutes)
1	211	6/3/2019	✓											Black+Gray Tile & Mastic
2	213	6/3/2019	✓											Brown & White Rug & Mastic
3	214	6/3/2019	✓											Tape on Fiberglass 8" Pipe
4	217	6/3/2019	✓											Wall Board
5	218	6/3/2019	✓											Wall Board
6	219	6/3/2019	✓											Rug under #220
7	220	6/3/2019	✓											Tile & Mastic
8			✓											
9			✓											
10			✓											

Released by: Edward A. Council Signature: [Signature] Date/Time: 6/7/19 9:30 am
 Received by: TStone Signature: [Signature] Date/Time: 6/10/19 2:06 pm

APPENDIX 4

OHIO EPA NOTIFICATION OF DEMOLITION AND RENOVATION FORM



Notification of Demolition and Renovation/Abatement

Section 1: General Information

Division of Air Pollution Control

Work on projects cannot begin until 10 working days after a COMPLETE original notification form, **including payment**, is submitted to Ohio EPA. Instructions and a worksheet for fee calculation are available at epa.ohio.gov/asbestos. This form can be completed, and payment made, at ebiz.epa.ohio.gov. Questions? asbestos@epa.ohio.gov or (614) 466-0061.

Ohio EPA Use Only	Notification #:	Postmarked: / /	Received: / /	<input type="checkbox"/> Hand-Delivered
-------------------	-----------------	-----------------	---------------	---

1) Notification Information (Check all that apply)

<input checked="" type="checkbox"/> Original	<input type="checkbox"/> Revision # (count):	<input type="checkbox"/> Installation	<input type="checkbox"/> Emergency	<input type="checkbox"/> Annual	<input type="checkbox"/> Cancellation	Project County:
<input type="checkbox"/> NESHAP Residential Exemption						

2) Owner, Asbestos Abatement Contractor, Billing and Fire Department Information

Revised?

Owner						
Name: ODOT District 8					Is this a company? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Address: 505 South S.R. 741			Contact Person: Stephanie Roth, P.E.			
City: Lebanon		State: Ohio		Zip: 45036 -		
Email: Stephanie.Roth@dot.ohio.gov		Phone: (513) 933 - 6584		Fax: () -		
Asbestos Abatement Contractor (if applicable)						
Name:		License #: AC		Expiration Date: / /		
Address:			Contact Person:			
City:		State:		Zip: -		
Email:		Phone: () -		Fax: () -		
Billing Contact (Entity paying for original notification)						
Is this contact associated with the <input type="checkbox"/> Owner, <input type="checkbox"/> Asbestos Abatement Contractor, or <input type="checkbox"/> Demolition Contractor (if not installation)?						
Address:			Contact Person:			
City:		State:		Zip: -		
Email:		Phone: () -		Fax: () -		
Fire Department (if applicable)						
Name:						
Address:			Contact Person:			
City:		State:		Zip: -		
Email:		Phone: () -		Fax: () -		

3) Ohio Asbestos Hazard Evaluation Specialist and Evaluation Procedure

Revised?

Evaluation Specialist: Edward A. Council, III	Certification #: ES 34507	Expiration Date: 7 / 7 / 19
Procedure, including analytical methods, employed to detect the presence of and to estimate the quantity of regulated asbestos-containing material (RACM) and Category I and Category II non-friable asbestos-containing material: <input checked="" type="checkbox"/> PLM <input type="checkbox"/> Point Count <input type="checkbox"/> TEM <input type="checkbox"/> Other Method (Explain Below):		

4) Procedures to be followed should unexpected RACM be discovered (check all that apply)

Revised?

<input checked="" type="checkbox"/> Stop work and keep wet	<input checked="" type="checkbox"/> Evacuate area	<input checked="" type="checkbox"/> Demarcate area	<input checked="" type="checkbox"/> Contact licensed abatement contractor
<input type="checkbox"/> Contact district office/local air authority			
<input type="checkbox"/> Other (Explain):			

5) Planned Demolition (check all that apply)

Revised?

Describe demolition work to be performed and method(s) to be employed, including demolition techniques to be used: <input type="checkbox"/> Implosion <input type="checkbox"/> Fire Training <input type="checkbox"/> Wet Methods <input type="checkbox"/> Manual Demolition <input type="checkbox"/> Mechanical Demolition <input type="checkbox"/> Other (Explain):
Description of affected facility components (include attachment if necessary):

Notification of Demolition and Renovation/Abatement

Section 1: General Information

Continued

Mail completed form and payment to:
Ohio EPA, DAPC – Asbestos
P.O. Box 1049, Columbus, OH 43216-1049

(Revised 10/18)

Page 1 of _____

6) Asbestos Description and Engineering Controls (if asbestos is being abated)

Revised?

For the material listed in each project, describe the type(s) of ACM to be abated, engineering controls and work practices to be used to minimize emissions and ensure proper waste handling:

Type of ACM to be abated:	<input type="checkbox"/> Surfacing	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other		
Engineering Controls:	<input type="checkbox"/> Wet Methods	<input type="checkbox"/> Glove Bag	<input type="checkbox"/> NPE	<input type="checkbox"/> AFD	<input type="checkbox"/> Other:
Work Practices:	<input type="checkbox"/> Intact Removal	<input type="checkbox"/> Manual	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Other:	

7) Asbestos Waste Transporter (if applicable)

Revised?

Transporter #1 Name:			
Address:		Contact Person:	
City:	State:	Zip:	-
Email:	Phone: () -	Fax: () -	
Transporter #2 Name (if applicable):			
Address:		Contact Person:	
City:	State:	Zip:	-
Email:	Phone: () -	Fax: () -	

8) Asbestos Waste Disposal Site (if applicable)

Revised?

Name:			
Address:		Contact Person:	
City:	State:	Zip:	-
Email:	Phone: () -	Fax: () -	

9) Emergency Demolition (complete if you checked "Emergency" above and "Demolition" for any project)

Revised?

A copy of the issued order, including the following information, **must be attached** to this notification.

Government Official Issuing Order:	Title:
Agency:	Authority of Order (Citation of Code):
Date of Order: / /	Demolition Date: / /

10) Emergency Renovation/Abatement (complete if you checked "Emergency" above and "Renovation/Abatement" for any project)

Revised?

Date of Emergency: / /	Time of Emergency: : <input type="checkbox"/> a.m. <input type="checkbox"/> p.m.
Description of Sudden, Unexpected Event:	
Explanation of how the event caused unsafe conditions or equipment damage:	

11) Attestation

Revised?

In accordance with Ohio Administrative Code rule 3745-20-03(A)(4)(p), I certify that at least one person trained as required by paragraph (B) of rule 3745-20-04 of the Administrative Code will supervise the stripping and removal described by this notification. I acknowledge that the submission of false or misleading statements is prohibited by law and I certify that facts contained in this notification are true, accurate, and complete.

Signature:	Date: / /
Name:	Title:
Organization:	

(Revised 10/18)

Page 2 of _____



Notification of Demolition and Renovation/Abatement

Section 2: Project Address Specific Information

Division of Air Pollution Control

Please complete Section 2 for the address included with this notification. If the project is an "Installation" per OAC 3745-20, complete a separate Section 2 page for each address associated with this notification.

Ohio EPA Use Only	Project ID #: _____
-------------------	---------------------

A. Facility Description Revised?

Building Name (if applicable): N. American Fian. Serv. Bldg.		Site Location (specific):	
Address: 125 Citycentre Dr.			
City: Cincinnati		State: OH	Zip: 45216 -
Building Size (square feet): 19,800		No. of Floors: 3	
Present Use: Empty		Age: 64	
Prior Use:			

B. Type of Operation (check all that apply) Revised?

<input checked="" type="checkbox"/> Demolition	<input type="checkbox"/> Renovation/Abatement – Type: <input type="checkbox"/> Removal <input type="checkbox"/> Repair <input type="checkbox"/> Encapsulation <input type="checkbox"/> Enclosure
--	--

C. Asbestos Present (check one) Revised?

<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No, previously abated	Year Abated: _____
---	-----------------------------	--	--------------------

D. Approximate Amount of Asbestos-Containing Materials (complete table below and Section 1 #6 if asbestos is present) Revised?

	Material to be Removed				Material NOT to be Removed	
	RACM	Non-friable Asbestos-Containing Material		Non-friable Asbestos-Containing Material		
		Category I	Category II	Category I	Category II	
Pipes (linear feet)						
Surface area on other facility components (ft ²)	18,000					
Volume if length or area cannot be measured (ft ³)						

E. Asbestos Abatement Schedule and Abatement Specialist (original notification is required 10 working days prior to the start of work) Revised?

Setup Date: / /		Abatement Date: / /			Complete Date: / /		
(Shift 1) Time start/end on site	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abatement Specialist Name:			Certification #: AS			Expiration Date: / /	
(Shift 2) Time start/end on site	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Abatement Specialist Name:			Certification #: AS			Expiration Date: / /	

F. Demolition Contractor (if applicable) Revised?

Name:			
Address:			Contact Person:
City:		State:	Zip: -
Email:		Phone: () -	Fax: () -

G. Demolition Schedule (original notification is required 10 working days prior to the start of work) Revised?

Start Date: / /	Complete Date: / /
-----------------	--------------------

H. Project Hold Revised?

Hold Begin Date: / /	Work Resume Date: / /
----------------------	-----------------------