



**SIERRA** ENVIRONMENTAL GROUP, INC.

December 11, 2015

Mr. Dennis Zimmer  
**City of Dayton**  
Department of Building Services/Division of Housing Inspection  
P.O. Box 22  
371 West 2<sup>nd</sup> Street, Room 324  
Dayton, OH 45402

**Re:** Comprehensive Pre-Demolition Asbestos Inspection  
Vacant Residence  
2315 South Smithville Road  
Dayton, Ohio 45420  
Sierra Project Number: MCLB.003

Dear Mr. Zimmer:

On December 5, 2015, Mr. Chris Kuettner (Ohio Department of Health Certified Asbestos Hazard Evaluation Specialist #ES33689) of Sierra Environmental Group, Inc. (Sierra) visited the vacant residence located at 2315 South Smithville Road in Dayton, Ohio. The purpose of this visit was to conduct a comprehensive asbestos inspection of the specified residence scheduled for demolition. This inspection process includes a visual inspection, as well as, the collection and analyses of samples from suspect asbestos-containing materials.

During the survey, the samples were collected utilizing sampling methods outlined in current EPA Guidance Documents. Each sample was collected and placed in a clean, sealable container and labeled with a unique sample identification number. Pertinent information was recorded on a Bulk Sample Log Sheet, including sample identification number, date of inspection, name of inspector, building name, a brief description and location of the sample, and the type of material sampled (e.g., thermal insulation, fireproofing, acoustical plaster). The samples were submitted to an analytical laboratory and analyzed for asbestos content by polarized-light microscopy (PLM) and dispersion staining (Method Reference: EPA-600/R-93/116). This analytical method, which the EPA currently recommends for the determination of asbestos in bulk samples of suspect materials, can be used for qualitative identification of six morphologically different types of asbestos fibers: chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite asbestos.

The method specifies that the asbestos content in a bulk sample shall be estimated and reported as a finite percentage (rounded to the nearest percentage) within the range of 0 to 100. The result of the bulk sample analysis is reported in a standard written laboratory report. This report includes the client's name, the project number, the laboratory identification number, the sample number assigned to the bulk sample upon receipt at the laboratory, and the field number assigned to the bulk sample upon collection on site. If the bulk sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., chrysotile, amosite, or other) and non-asbestos (i.e., cellulose, fiberglass, or other) components. The results of the sample analyses can be found on the laboratory report enclosed and Table 1.

Sierra collected samples from wall and ceiling systems, roofing materials, flooring materials, tar paper, cementitious siding, duct insulation, blown-in insulation and window glaze. Three (3) asbestos-containing materials were identified within the residence scheduled for demolition (Table -2 Asbestos Inventory). The cost to remove the Regulated Asbestos-Containing Materials (RACM), Category I and Category II asbestos-containing materials from this site prior to demolition would be \$8,630.00. These costs have been estimated and are based on local wage rates and do not include prevailing wage rates. These costs do not include specifications, permits, contractor oversight or third party monitoring.

Sierra made every effort to locate suspect asbestos-containing materials that may be concealed; however, suspect asbestos-containing materials which may be located behind hard plaster walls or ceilings, hard walled chases, under flooring or sub-

flooring, under building contents, etc., were not assessed or quantified. If through demolition suspect materials are discovered that were not sampled during the initial site visit; Sierra should be notified to document any additional samples that may be required and handled accordingly.

This report is prepared to assist the Montgomery County Land Reutilization Corporation, City of Dayton, construction managers and asbestos abatement contractors in locating asbestos-containing materials. This report is not intended as a bidding document or project specifications.

Enclosed are the following Sierra documents: 1) Table 1-Bulk Sample Data Summary; 2) Table 2-Asbestos Inventory; 3) Table 3-Cost Estimate; 4) Laboratory Report; 5) Floor Plans; 6) Site Photographs and 7) Inspector's Certification. If we can be of further assistance on this or any other project, do not hesitate to call us at (513) 542-5323.

Sincerely,

**SIERRA ENVIRONMENTAL GROUP, INC.**



Todd Taylor  
Operations Manager

Attachments



**TABLE 1: BULK SAMPLE DATA SUMMARY**

<b>SAMPLE DESCRIPTION (Material Type)</b>	<b>SAMPLE LOCATION</b>	<b>HOMO AREA #</b>	<b>SAMPLE I.D. NO.</b>	<b>ASBESTOS CONTENT</b>	<b>FRIABLE/ NONFRIABLE</b>
<b>The following samples were collected from the vacant residence located at 2315 South Smithville Road, Dayton, Ohio.</b>					
Asphalt roof shingle (Miscellaneous)	Exterior	1	1-1	None Detected	Nonfriable
Asphalt roof shingle (Miscellaneous)	Exterior	1	1-2	None Detected	Nonfriable
Window glaze (Miscellaneous)	Exterior	2	2-1	None Detected	Friable
Window glaze (Miscellaneous)	Exterior	2	2-2	None Detected	Friable
Cementitious siding (Miscellaneous)	Exterior	3	3-1	20% Chrysotile	Nonfriable
Black tar paper (Miscellaneous)	Exterior	4	4-1	None Detected	Nonfriable
Black tar paper (Miscellaneous)	Exterior	4	4-2	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, <5,000 sf)	Living room	5	5-1	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, <5,000 sf)	Stairwell to 2nd floor	5	5-2	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, <5,000 sf)	Stairwell to 2nd floor	5	5-3	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, <5,000 sf)	Hallway	5	5-4	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, <5,000 sf)	Hallway	5	5-5	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, <5,000 sf)	Living room	6	6-1	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, <5,000 sf)	Stairwell to 2nd floor	6	6-2	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, <5,000 sf)	Stairwell to 2nd floor	6	6-3	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, <5,000 sf)	Hallway	6	6-4	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, <5,000 sf)	Hallway	6	6-5	None Detected	Nonfriable

Table 1-1

**TABLE 1: BULK SAMPLE DATA SUMMARY**

<b>SAMPLE DESCRIPTION (Material Type)</b>	<b>SAMPLE LOCATION</b>	<b>HOMO AREA #</b>	<b>SAMPLE I.D. NO.</b>	<b>ASBESTOS CONTENT</b>	<b>FRIABLE/ NONFRIABLE</b>
Textured wall, rough (Surfacing, <5,000 sf)	Living room	7	7-1	None Detected	Nonfriable
Textured wall, rough (Surfacing, <5,000 sf)	Kitchen	7	7-2	None Detected	Nonfriable
Textured wall, rough (Surfacing, <5,000 sf)	Stairwell to 2nd floor	7	7-3	None Detected	Nonfriable
Textured ceiling, rough (Surfacing, <5,000 sf)	Stairwell to 2nd floor	7	7-4	None Detected	Nonfriable
Textured wall, rough (Surfacing, <5,000 sf)	Hallway	7	7-5	None Detected	Nonfriable
Drywall (Miscellaneous)	Living room	8	8-1	None Detected	Nonfriable
Drywall (Miscellaneous)	Bathroom	8	8-2	None Detected	Nonfriable
Joint compound (Miscellaneous)	Living room	9	9-1	None Detected	Nonfriable
Joint compound (Miscellaneous)	Bathroom	9	9-2	None Detected	Nonfriable
9"x9" Brown floor tile with white streaks (Miscellaneous)	Living room	10	10-1	3% Chrysotile	Nonfriable
9"x9" Brown floor tile with white streaks (Miscellaneous)	Bathroom	10	10-2	Stopped Analysis	Nonfriable
Black mastic associated with 9" brown floor tile with white streaks (Miscellaneous)	Living room	11	11-1	Trace, <1% chrysotile	Nonfriable
Black mastic associated with 9" brown floor tile with white streaks (Miscellaneous)	Bathroom	11	11-2	Trace, <1% chrysotile	Nonfriable
Tar paper (Miscellaneous)	Living room	12	12-1	None Detected	Nonfriable
Tar paper (Miscellaneous)	Bathroom	12	12-2	None Detected	Nonfriable
12"x12" Tan sticky back floor tile (Miscellaneous)	Bathroom	13	13-1	None Detected	Nonfriable
12"x12" Tan sticky back floor tile (Miscellaneous)	Bathroom	13	13-2	None Detected	Nonfriable

Table 1-2

**TABLE 1: BULK SAMPLE DATA SUMMARY**

<b>SAMPLE DESCRIPTION (Material Type)</b>	<b>SAMPLE LOCATION</b>	<b>HOMO AREA #</b>	<b>SAMPLE I.D. NO.</b>	<b>ASBESTOS CONTENT</b>	<b>FRIABLE/ NONFRIABLE</b>
Brown mastic associated with 12" tan sticky back floor tile (Miscellaneous)	Bathroom	14	14-1	None Detected	Nonfriable
Brown mastic associated with 12" tan sticky back floor tile (Miscellaneous)	Bathroom	14	14-2	None Detected	Nonfriable
Blown-in insulation (Miscellaneous)	Rear room, 2nd floor	15	15-1	None Detected	Friable
Blown-in insulation (Miscellaneous)	Rear room, 2nd floor	15	15-2	None Detected	Friable
Duct insulation (Thermal System Insulation)	Basement	16	16-1	65% Chrysotile	Friable
12"x12" Green sticky back floor tile (Miscellaneous)	Kitchen	17	17-1	None Detected	Nonfriable
12"x12" Green sticky back floor tile (Miscellaneous)	Kitchen	17	17-2	None Detected	Nonfriable
Yellow pattern linoleum (Miscellaneous)	Kitchen	18	18-1	None Detected	Nonfriable
Yellow pattern linoleum (Miscellaneous)	Kitchen	18	18-2	None Detected	Nonfriable
Black mastic associated with yellow linoleum (Miscellaneous)	Kitchen	19	19-1	None Detected	Nonfriable
Black mastic associated with yellow linoleum (Miscellaneous)	Kitchen	19	19-2	None Detected	Nonfriable

**TABLE 2 - ASBESTOS INVENTORY**

Location	Type ACM	Material Description	Amt. of Material (approx.)
<b>The following asbestos-containing materials are located in the vacant residence located at 2315 South Smithville Road, Dayton.</b>			
Garage	II	Cementitious siding	340 sf
Exterior	II	Cementitious siding	2,750 sf
Living room	I	9"x9" Brown floor tile with white streaks	220 sf
Bathroom	I	9"x9" Brown floor tile with white streaks (2nd layer)	100 sf
Hallway	I	9"x9" Brown floor tile with white streaks (2nd layer)	60 sf
Basement	RACM	Duct insulation	10 sf
Basement to 2nd floor	RACM	Duct insulation (concealed behind hard wall and ceiling plaster)	50 sf

Table 2-1

**TABLE 3 - COST ESTIMATE**

Location	Type ACM	Material Description	Cost for abatement (approx.)
<b>The following asbestos-containing materials are located in the vacant residence located at 2315 South Smithville Road, Dayton.</b>			
Garage	II	Cementitious siding	\$680.00
Exterior	II	Cementitious siding	\$5,500.00
Living room	I	9"x9" Brown floor tile with white streaks	\$250.00
Bathroom	I	9"x9" Brown floor tile with white streaks (2nd layer)	\$300.00
Hallway	I	9"x9" Brown floor tile with white streaks	\$250.00
Basement	RACM	Duct insulation	\$400.00
Basement to 2nd floor	RACM	Duct insulation (concealed behind hard wall and ceiling plaster)	\$1,250.00

Table 3-1



Environmental Hazards Services, L.L.C.  
 7469 Whitepine Rd  
 Richmond, VA 23237  
 Telephone: 800.347.4010

## Asbestos Bulk Analysis Report

**Report Number:** 15-12-00721

**Client:** Sierra Environment Group Inc.  
 1041 Straight Street  
 Cincinnati, OH 45214

**Received Date:** 12/07/2015  
**Analyzed Date:** 12/09/2015  
**Reported Date:** 12/10/2015

**Project/Test Address:** MCLB-003; 2315 Smithville Rd.

**Client Number:**  
 36-6195

**Fax Number:**  
 513-542-6653

# Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00721-001	1-1		Black Tar-Like; Gray/Tan Aggregate; Inhomogeneous	NAD	15% Fibrous Glass 85% Non-Fibrous
15-12-00721-002	1-2		Black Tar-Like; Gray/Tan Aggregate; Inhomogeneous	NAD	15% Fibrous Glass 85% Non-Fibrous
15-12-00721-003	2-1		White Granular; White Paint-Like; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00721-004	2-2		White Granular; White Paint-Like; Inhomogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00721

Project/Test Address: MCLB-003; 2315 Smithville Rd.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00721-005	3-1		Gray Cementitious Fibrous; White Paint-Like; Inhomogeneous	20% Chrysotile	80% Non-Fibrous
<b>Total Asbestos: 20%</b>					
Chrysotile present throughout sample					
15-12-00721-006	4-1		Black Tar-Like Fibrous; Homogeneous	NAD	85% Cellulose 5% Synthetic 10% Non-Fibrous
15-12-00721-007	4-2		Black Tar-Like Fibrous; Homogeneous	NAD	85% Cellulose 5% Synthetic 10% Non-Fibrous
15-12-00721-008	5-1		White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-009	5-2		White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-010	5-3		White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-011	5-4		White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-012	5-5		White Granular; Homogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 36-6195

**Report Number:** 15-12-00721

**Project/Test Address:** MCLB-003; 2315 Smithville Rd.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00721-013	6-1		Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00721-014	6-2		Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00721-015	6-3		Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00721-016	6-4		Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00721-017	6-5		Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00721-018	7-1		White/Tan Granular; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00721-019	7-2		White Granular; White Paint-Like; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00721-020	7-3		White/Tan Granular; Inhomogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00721

Project/Test Address: MCLB-003; 2315 Smithville Rd.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00721-021	7-4		White/Tan Granular; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00721-022	7-5		White/Tan Granular; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00721-023	8-1		White Chalky; Homogeneous	NAD	2% Cellulose 2% Fibrous Glass 96% Non-Fibrous
15-12-00721-024	8-2		White Chalky; Homogeneous	NAD	2% Cellulose 2% Fibrous Glass 96% Non-Fibrous
15-12-00721-025	9-1		White Chalky; White Paint-Like; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00721-026	9-2		White Chalky; White Paint-Like; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00721-027	10-1		Brown Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
				<b>Total Asbestos: 3%</b>	
15-12-00721-028	10-2			Did Not Analyze (Positive Stop)	

## Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00721

Project/Test Address: MCLB-003; 2315 Smithville Rd.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00721-029	11-1		Black Adhesive; Homogeneous	Trace <1% Chrysotile	100% Non-Fibrous
<b>Total Asbestos: Trace &lt;1%</b>					
Possible contamination from tile					
15-12-00721-030	11-2		Black Adhesive; Homogeneous	Trace <1% Chrysotile	2% Cellulose 98% Non-Fibrous
<b>Total Asbestos: Trace &lt;1%</b>					
Possible contamination from tile					
15-12-00721-031	12-1		Black Tar-Like Fibrous; Homogeneous	NAD	85% Cellulose 5% Synthetic 10% Non-Fibrous
15-12-00721-032	12-2		Black Tar-Like Fibrous; Homogeneous	NAD	85% Cellulose 5% Synthetic 10% Non-Fibrous
15-12-00721-033	13-1		White/Beige Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-034	13-2		White/Beige Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-035	14-1		Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-036	14-2		Yellow Adhesive; Homogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00721

Project/Test Address: MCLB-003; 2315 Smithville Rd.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00721-037	15-1		Brown/Yellow Fibrous; Inhomogeneous	NAD	95% Cellulose 3% Fibrous Glass 2% Non-Fibrous
15-12-00721-038	15-2		Brown/Yellow Fibrous; Inhomogeneous	NAD	95% Cellulose 3% Fibrous Glass 2% Non-Fibrous
15-12-00721-039	16-1		White Fibrous; Homogeneous	65% Chrysotile  <b>Total Asbestos: 65%</b>	25% Cellulose 10% Non-Fibrous
15-12-00721-040	17-1		Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-041	17-2		Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00721-042	18-1		Tan Vinyl; Homogeneous	NAD	2% Synthetic 98% Non-Fibrous
15-12-00721-043	18-2		Tan Vinyl; Homogeneous	NAD	2% Synthetic 98% Non-Fibrous
15-12-00721-044	19-1		Yellow Adhesive; Black Fibrous; Inhomogeneous	NAD	4% Cellulose 96% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 36-6195

**Report Number:** 15-12-00721

**Project/Test Address:** MCLB-003; 2315 Smithville Rd.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00721-045	19-2		Yellow Adhesive; Black Fibrous; Inhomogeneous	NAD	3% Cellulose 97% Non-Fibrous

**QC Sample:** 77-M22010-4

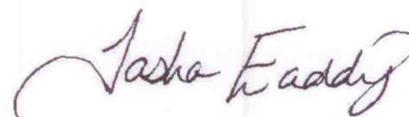
**QC Blank:** SRM 1866 Fiberglass

**Reporting Limit:** 1% Asbestos

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

**Analyst:** 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



## Analyst Signature Page

Environmental Hazards Services, L.L.C.  
7469 Whitepine Rd  
Richmond, VA 23237  
Telephone: 800.347.4010

**Report Number:** 15-12-00721

Client: Sierra Environment Group Inc.  
1041 Straight Street  
Cincinnati, OH 45214

**Received Date:** 12/07/2015

**Analyzed Date:** 12/09/2015

**Reported Date:** 12/10/2015

Client Number: 36-6195

**Project/Test Address:** MCLB-003; 2315 Smithville Rd.

**Analyst(s)**

---

*Kathy S. Fletcher*

Kathy Fletcher

45 PLM



# Asbestos Chain-of-Custody

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

15-12-00721



Due Date:  
12/10/2015  
(Thursday)  
AE M Inv *VF*

City/State/Zip: Cincinnati, Ohio 45214  
Acct. Number: 36-6195

Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street  
Phone: ( 513 ) 542-5323 Fax: ( 513 ) 542-6653 E-mail:  
Project Name / Testing Address: *MLB 003-2315 Smithville Rd*  
Collected by: *Chris Kuehner* City/State (Required): Purchase Order Number:

Turn Around Times:  1 - Day  2 - Day  3 - Day  
*If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.*

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 Certified (Bulk)	TEM/HERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	1.1	12-5-15	X											<i>Stop @ 1st (SAP)</i> <i>SAP →</i> <i>SAP →</i> <i>SAP →</i> <i>SAP →</i>
2	1.2													
3	2.1													
4	2.2													
5	3.1													
6	4.1													
7	4.2													
8	5.1													
9	5.2													
10	5.3													

Released by: *Chris Kuehner*  
Received by: *Sarah Chumley*  
Signature: *Sarah Chumley*  
Signature: *Chris Kuehner*

Date/Time: 12-5-15 19  
Date/Time: 12/7/15



# Asbestos Chain-of-Custody

~ 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: Sierra Environmental Group, Inc. Address: 1041 Straight Street  
 Phone: ( 513 ) 542-5323 Fax: ( 513 ) 542-6633  
 Project Name / Testing Address: MSB 003 - 2315 Smithville Rd Email:  
 Collected by: Shivis Kuestner City/State (Required): \_\_\_\_\_ Purchase Order Number: \_\_\_\_\_  
 City/State/Zip: Cincinnati, Ohio 45214 Acct. Number: 36-6195

Turn Around Times : 1 - Day 2 - Day 3 - Day  
 If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.  
 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 Certified (Bulk)	TEM AHERA (Air)	Time On	Time Off			Flow Rate (L/min)	Total Time (minutes)
1	S-4	12-5-15	X												
2	S-5														
3	G-1														
4	G-2														
5	G-3														
6	G-4														
7	G-5														
8	T-1														
9	T-2														
10	T-3														
Released by: <u>Shivis Kuestner</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12-5-15</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12-5-15</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12-5-15</u>		Signature: <u>[Signature]</u>	
Received by: <u>Sarah Church</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12-5-15</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12-5-15</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12-5-15</u>		Signature: <u>[Signature]</u>	



# Asbestos Chain-of-Custody

~ 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: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, Ohio 45214

Phone: ( 513 ) 542-3323 Fax: ( 513 ) 542-6653 Acct. Number: 36-6195

Project Name / Testing Address: MSCB-003 - 2715 Smithville Rd, City/State (Required):

Collected by: S. Kuntzmann Purchase Order Number:

Turn Around Times:  1 - Day  2 - Day  3 - Day  Same Day (Must Call Ahead)  Weekend (Must Call Ahead)

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

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			COMMENTS				
			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Certified (Bulk)	TEM AHERA (Air)	Time On	Time Off		Flow Rate (L / min)	Total Time (minutes)	Volume (Total Liters)	
1	7.11	12.5.15	X													
2	7.5															
3	8.1															
4	8.17															
5	9.11															
6	9.12															
7	10.11															
8	10.2															
9	11.1															
10	11.2															
Released by: S. Kuntzmann											Signature: [Signature]		Date/Time: 11.5.15			
Received by: Sarah Church											Signature: [Signature]		Date/Time: 10/7/15			



# Asbestos Chain-of-Custody

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

~ For Lab Use Only ~

Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, Ohio 45214  
 Phone: ( 513 ) 542-5323 Fax: ( 513 ) 542-6653 E-mail: \_\_\_\_\_ Acct. Number: 36-6195  
 Project Name / Testing Address: MCB-003 - 2315 Smithville Rd, City/State (Required): \_\_\_\_\_  
 Collected by: C. Kesterson Purchase Order Number: \_\_\_\_\_

Turn Around Times:  1 - Day  2 - Day  3 - Day  Same Day (Must Call Ahead)  Weekend (Must Call Ahead)  
**If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.**

No.	Client Sample ID	Date Collected	ASBESTOS						AIR			Volume (Total Liters)	COMMENTS		
			PLM	PLM/PCNT Count 400	PLM/PCNT Count 1000	PCM	TEM Certified (Bulk)	TEM/HERA (Air)	Time On	Time Off	Flow Rate (L/min)			Total Time (minutes)	
1	12-1	12-5-15	X											SAP	
2	12-2													SAP	
3	13-1													SAP	
4	13-2													SAP	
5	14-1													SAP	
6	16-2													SAP	
7	15-1														
8	15-2														
9	16-1														
10	17-1													SAP	
Released by: C. Kesterson		Signature: <i>[Signature]</i>		Date/Time: 12-5-15 12		Signature: <i>[Signature]</i>		Date/Time: 12-5-15 12		Signature: <i>[Signature]</i>		Date/Time: 12-7-15		Date/Time: 12-7-15	
Received by: Sarah Church		Signature: <i>[Signature]</i>		Date/Time: 12-7-15		Signature: <i>[Signature]</i>		Date/Time: 12-7-15		Signature: <i>[Signature]</i>		Date/Time: 12-7-15		Date/Time: 12-7-15	



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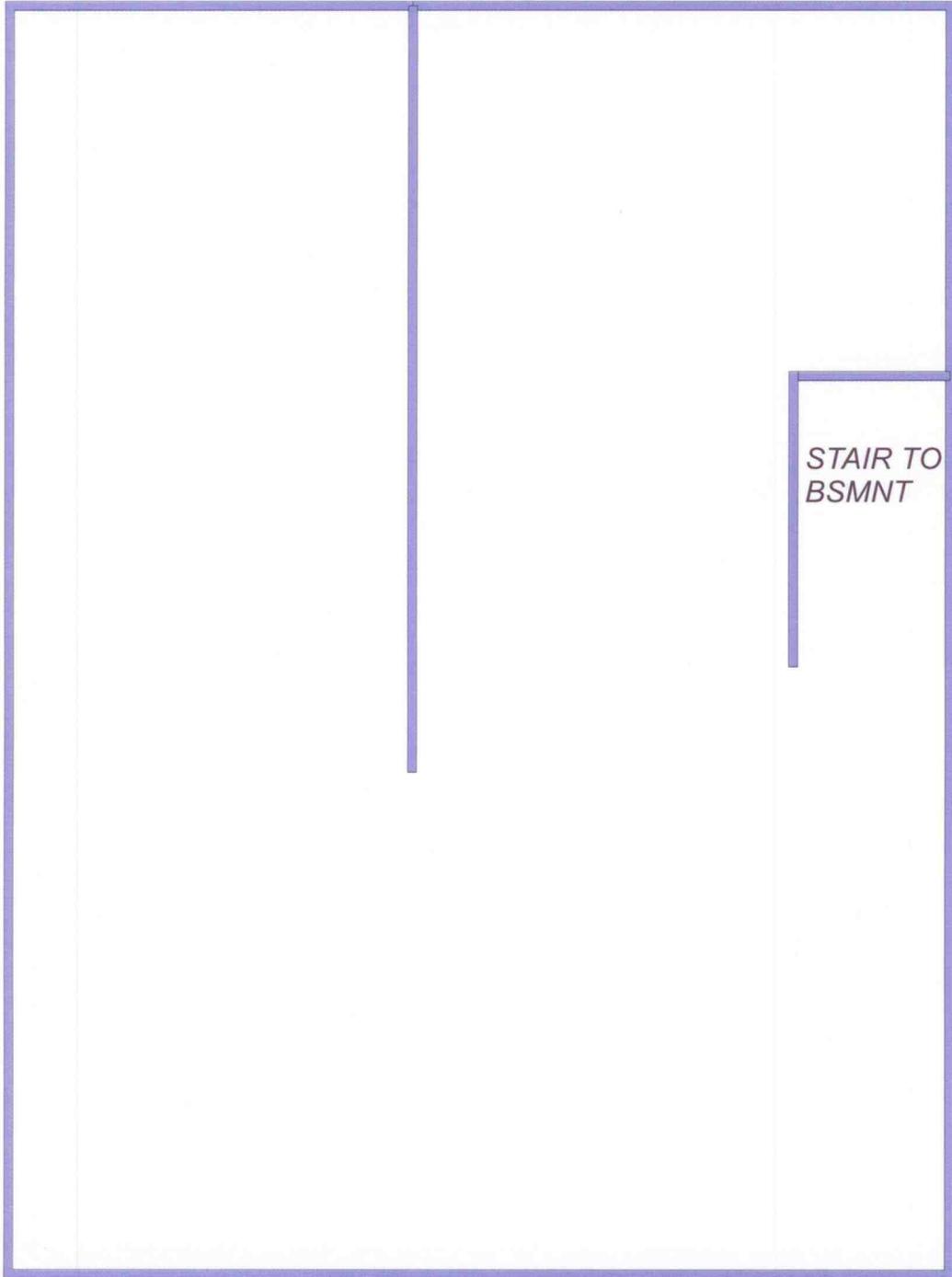
Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, Ohio 45214  
 Phone: ( 513 ) 542-5323 Fax: ( 513 ) 542-6653 Email:  
 Project Name / Testing Address: MSCB-003 - 2715 Smithville Rd City/State (Required):  
 Collected by: S. Kustoffen Purchase Order Number:

Turn Around Times :  1 - Day  2 - Day  3 - Day  Same Day (Must Call Ahead)  Weekend (Must Call Ahead)  
**If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.**

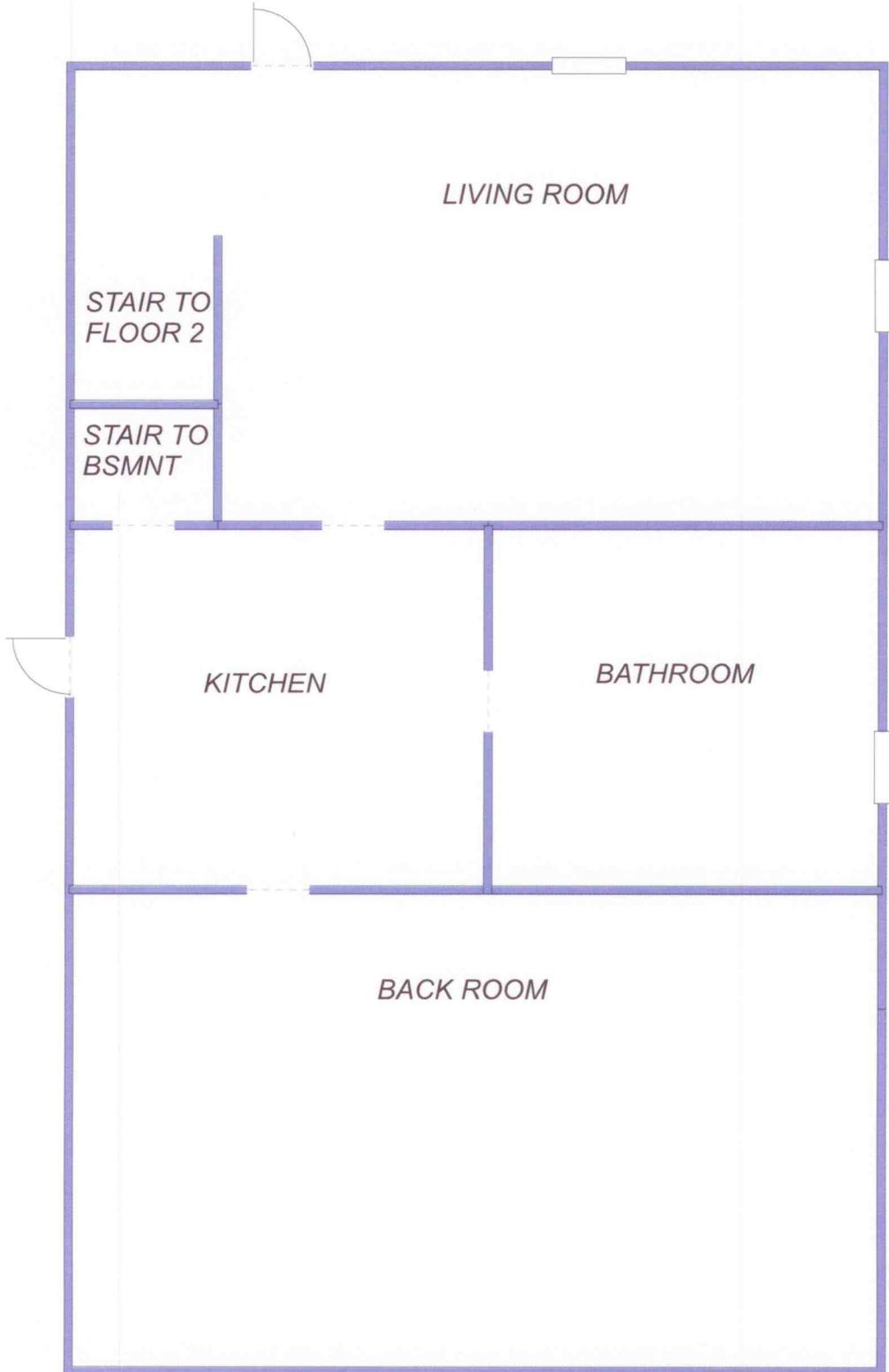
No.	Client Sample ID	Date Collected	ASBESTOS						AIR			Volume (Total Liters)	COMMENTS	
			PLM	PLM Pore Count 400	PLM Pore Count 1000	PLM NY Protocol	TEM Certified (Bulk)	TEM AHERA (Air)	Time On	Time Off	Flow Rate (L / min)			Total Time (minutes)
1	1712	12.5.15	X											
2	1811													
3	1812													
4	1911													
5	1912													
6														
7														
8														
9														
10														

Released by: S. Kustoffen Signature: S. Kustoffen Date/Time: 12.5.15 12  
 Received by: Sarah Church Signature: S. Church Date/Time: 12/7/15

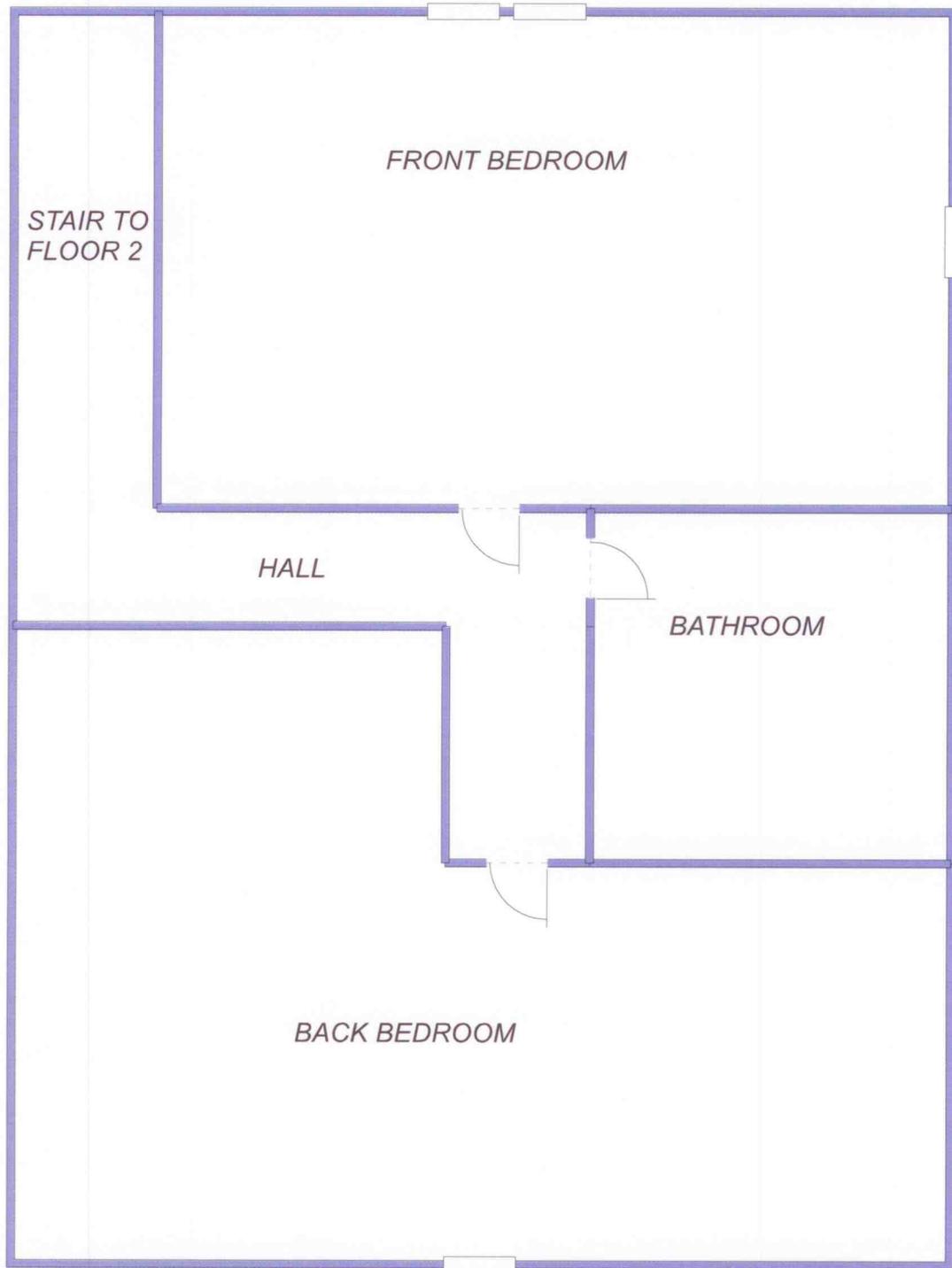
2315 SMITHVILLE ROAD  
BASEMENT



2315 SMITHVILLE ROAD  
FIRST FLOOR



2315 SMITHVILLE ROAD  
SECOND FLOOR





2315 Smithville Road



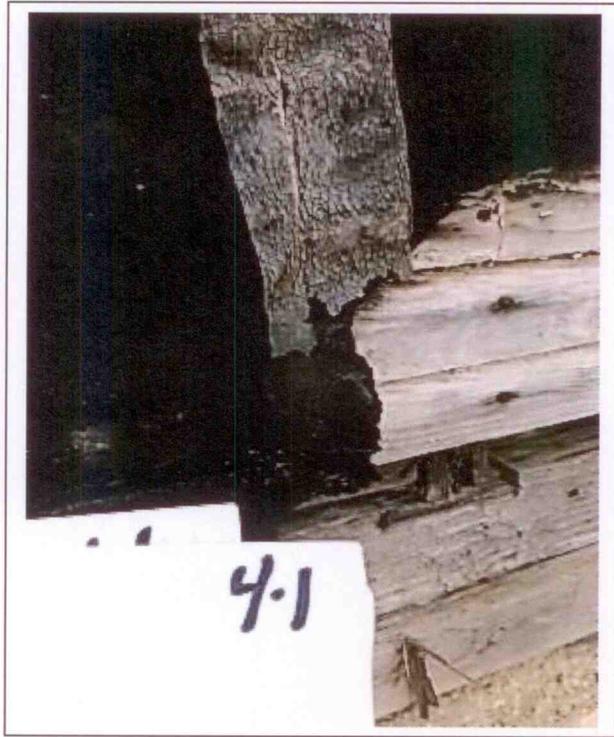
Asphalt roof shingle



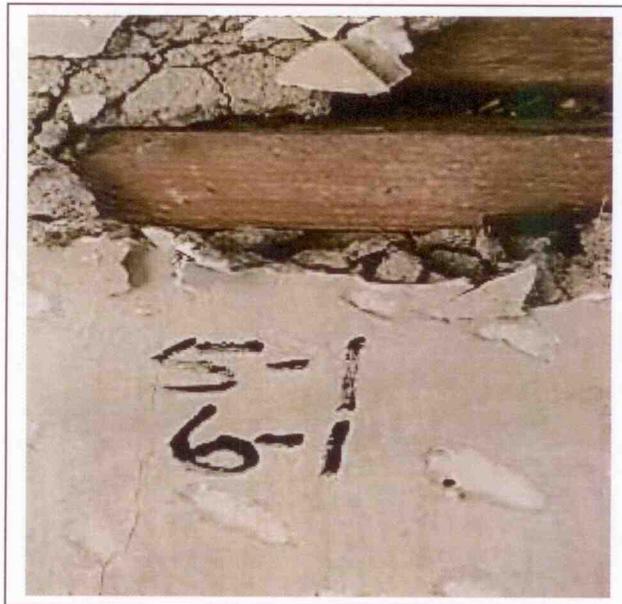
Window glaze



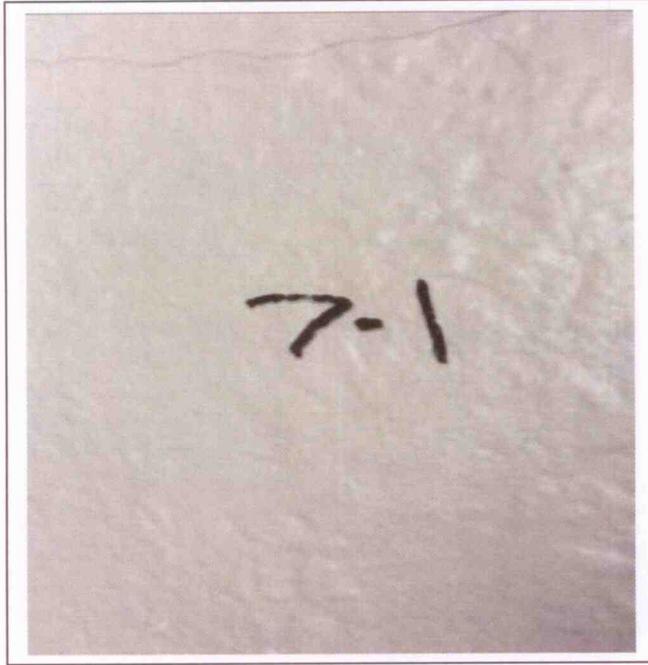
Cementitious siding



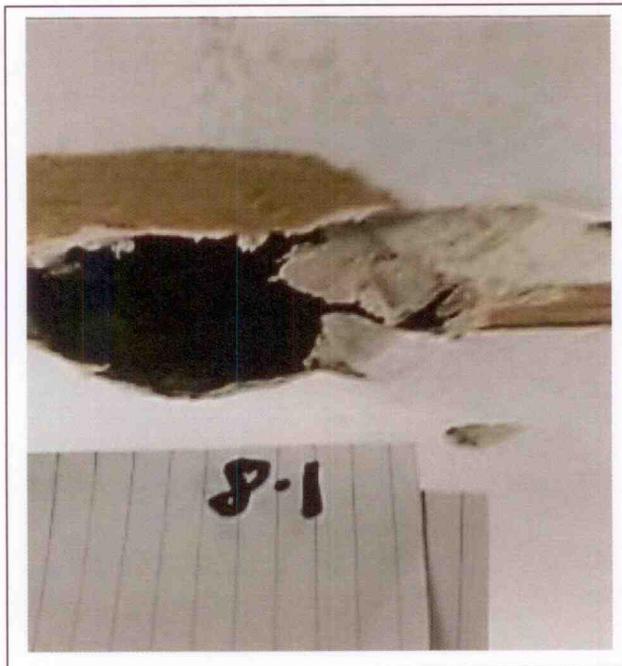
Black paper



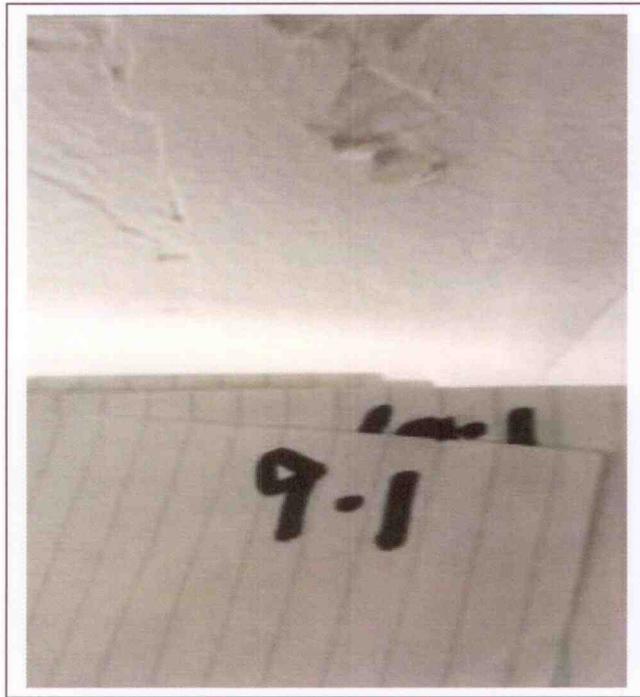
Hard wall and ceiling plaster



Rough white ceiling texture



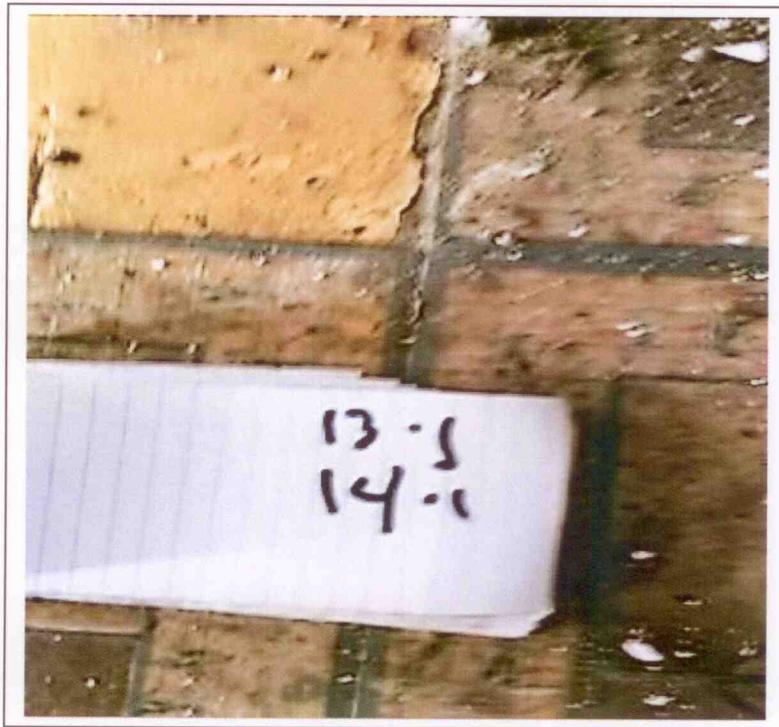
Drywall



Joint compound



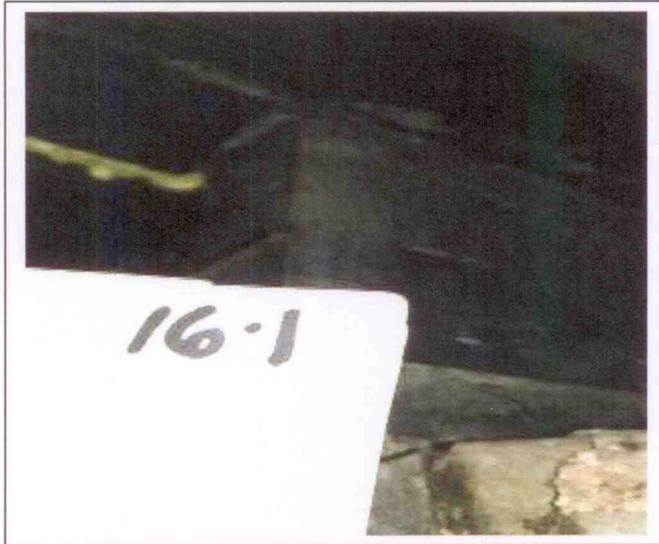
9" Brown floor tile, black mastic and tarpaper



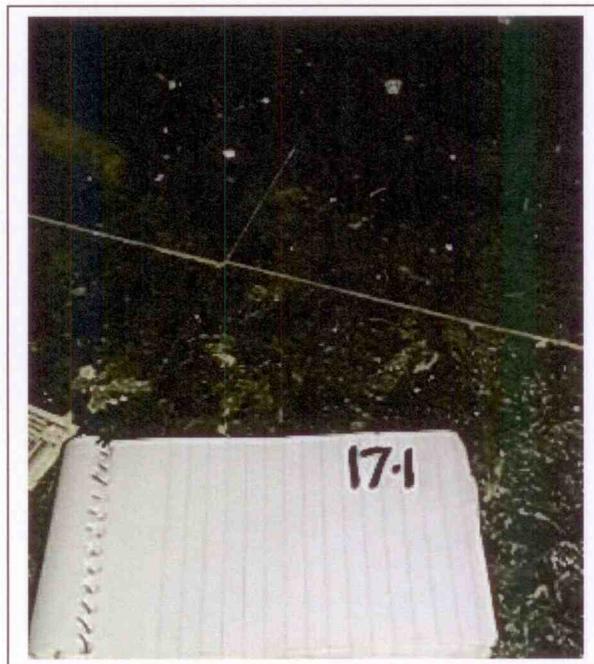
12" Tan floor tile and associated brown mastic



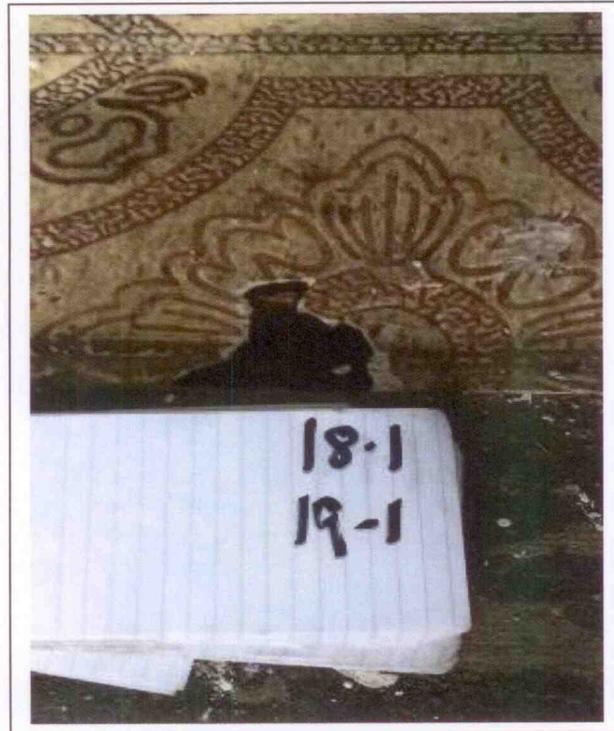
Blown-in insulation



Duct insulation



12" Green floor tile



Yellow pattern linoleum and associated black mastic

August 26, 2015

Christopher P Kuettner  
Sierra Environmental Group, Inc.  
1041 Straight Street  
Cincinnati OH 45214

RE: Asbestos Hazard Evaluation Specialist  
Certification Number: FS33689  
Expiration Date: 10/14/2016

Dear Christopher P Kuettner:

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 Health for violation of any of the requirements of 3701-34 of the Ohio Administrative Code.

If you have any questions, please call Kathy Butcher, Licensure Specialist, at 614-644-0226.

Sincerely,

Bill Robbins, Section Chief  
Bureau of Licensure Operations  
Office of Health Assurance and Licensing

State of Ohio  
Department of Health  
Asbestos Program

Asbestos Hazard Evaluation Specialist



**Christopher P Kuettner**  
Sierra Environmental Group, Inc.  
1041 Straight Street  
Cincinnati OH 45214

DOB: 11/17/1956	Certification Number: <b>FS33689</b>	Expiration Date: <b>10/14/2016</b>
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For more information, visit the Department of Health website at [www.doh.state.oh.us](http://www.doh.state.oh.us) or call 1-800-686-8800. The Department of Health is an Equal Opportunity Employer.