



**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  
1535 West 2<sup>nd</sup> Street  
Dayton, Ohio 45402  
Sierra Project Number: MCLB.003

Dear Mr. Zimmer:

On December 1, 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 1535 West 2<sup>nd</sup> Street 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, cementitious panel, duct insulation and heat shield. Six (6) 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 \$2,800.00. 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 1535 West 2nd Street, 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
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Front room	2	2-1	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, >5,000 sf)	Front room	2	2-2	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Room near stairwell	2	2-3	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, >5,000 sf)	Room near stairwell	2	2-4	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Front room, 2nd floor	2	2-5	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, >5,000 sf)	Front room, 2nd floor	2	2-6	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Stairwell to 2nd floor	2	2-7	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Front room	3	3-1	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, >5,000 sf)	Front room	3	3-2	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Room near stairwell	3	3-3	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, >5,000 sf)	Room near stairwell	3	3-4	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Front room, 2nd floor	3	3-5	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, >5,000 sf)	Front room, 2nd floor	3	3-6	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Stairwell to 2nd floor	3	3-7	None Detected	Nonfriable
Drywall (Miscellaneous)	Front room	4	4-1	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>
Drywall (Miscellaneous)	Bathroom	4	4-2	None Detected	Nonfriable
Joint compound (Miscellaneous)	Front room	5	5-1	None Detected	Nonfriable
Joint compound (Miscellaneous)	Bathroom	5	5-2	None Detected	Nonfriable
Textured ceiling, swirl (Surfacing, <1,000 sf)	Front room	6	6-1	None Detected	Nonfriable
Textured ceiling, swirl (Surfacing, <1,000 sf)	Front room	6	6-2	None Detected	Nonfriable
Textured ceiling, swirl (Surfacing, <1,000 sf)	Front room	6	6-3	None Detected	Nonfriable
12"x12" Grey sticky back floor tile (Miscellaneous)	Kitchen	7	7-1	None Detected	Nonfriable
12"x12" Grey sticky back floor tile (Miscellaneous)	Kitchen	7	7-2	None Detected	Nonfriable
Tan linoleum (Miscellaneous)	Kitchen	8	8-1	None Detected	Nonfriable
Tan linoleum (Miscellaneous)	Kitchen	8	8-2	None Detected	Nonfriable
Tan floor tile (Miscellaneous)	Kitchen	9	9-1	2% Chrysotile	Nonfriable
Tan floor tile (Miscellaneous)	Kitchen	9	9-2	Stopped Analysis	Nonfriable
Brown mastic associated with tan floor tile (Miscellaneous)	Kitchen	10	10-1	None Detected	Nonfriable
Brown mastic associated with tan floor tile (Miscellaneous)	Kitchen	10	10-2	None Detected	Nonfriable
Black floor mastic (Miscellaneous)	Bathroom near kitchen	11	11-1	4% Chrysotile	Nonfriable
Black floor mastic (Miscellaneous)	Bathroom near kitchen	11	11-2	Stopped Analysis	Nonfriable
Textured wall (Surfacing, <1,000 sf)	Stairwell to 2nd floor	12	12-1	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>
Textured wall (Surfacing, <1,000 sf)	Stairwell to 2nd floor	12	12-2	None Detected	Nonfriable
Textured wall (Surfacing, <1,000 sf)	Stairwell to 2nd floor	12	12-3	None Detected	Nonfriable
12"x12" Grey floor tile (Miscellaneous)	Back room	13	13-1	3% Chrysotile	Nonfriable
12"x12" Grey floor tile (Miscellaneous)	Back room	13	13-2	Stopped Analysis	Nonfriable
Brown mastic associated with 12" grey floor tile (Miscellaneous)	Back room	14	14-1	None Detected	Nonfriable
Brown mastic associated with 12" grey floor tile (Miscellaneous)	Back room	14	14-2	None Detected	Nonfriable
Duct insulation (Thermal System Insulation)	Basement	15	15-1	60% Chrysotile	Friable
Heat shield (Thermal System Insulation)	Basement	16	16-1	55% Chrysotile	Friable
Cementitious panel (Miscellaneous)	Basement	17	17-1	20% Chrysotile	Nonfriable

**TABLE 2 - ASBESTOS INVENTORY**

Location	Type ACM	Material Description	Amt. of Material (approx.)
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**The following asbestos-containing materials are located in the vacant residence located at 1535 West 2nd Street, Dayton, Ohio.**

Kitchen	I	Tan floor tile (3rd layer)	140 sf
Bathroom near kitchen	I	Tan floor tile	80 sf
Bathroom near kitchen	I	Black floor mastic	80 sf
Back room 1	I	12"x12" Grey floor tile	170 sf
Back room 2	I	12"x12" Grey floor tile	170 sf
Basement	RACM	Duct insulation	30 sf
Basement	RACM	Heat shield	20 sf
Basement	II	Cementitious panel	20 sf

**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 1535 West 2nd Street, Dayton, Ohio.</b>			
Kitchen	I	Tan floor tile (3rd layer)	\$400.00
Bathroom near kitchen	I	Tan floor tile	\$250.00
Bathroom near kitchen	I	Black floor mastic	\$250.00
Back room 1	I	12"x12" Grey floor tile	\$250.00
Back room 2	I	12"x12" Grey floor tile	\$250.00
Basement	RACM	Duct insulation	\$600.00
Basement	RACM	Heat shield	\$400.00
Basement	II	Cementitious panel	\$400.00

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:** 15-12-00134

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

**Received Date:** 12/02/2015  
**Analyzed Date:** 12/04/2015  
**Reported Date:** 12/07/2015

**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

**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
15-12-00134-001	1-1		Black Tar-Like; Black Granular; Inhomogeneous	NAD	23% Cellulose 77% Non-Fibrous
15-12-00134-002	1-2		Black Tar-Like; Black Granular; Inhomogeneous	NAD	23% Cellulose 77% Non-Fibrous
15-12-00134-003	2-1		Tan Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-004	2-2		Tan Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-005	2-3		Tan Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 36-6195  
**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

**Report Number:** 15-12-00134

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00134-006	2-4		Tan Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-007	2-5		Tan Granular; Tan Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-008	2-6		Tan Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-009	2-7		Tan Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-010	3-1		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-011	3-2		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-012	3-3		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-013	3-4		Gray Granular; Homogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 36-6195

**Report Number:** 15-12-00134

**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00134-014	3-5		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-015	3-6		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-016	3-7		Gray Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-017	4-1		White Powder; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
15-12-00134-018	4-2		White Powder; Brown Fibrous; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
15-12-00134-019	5-1		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-020	5-2		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-021	6-1		White Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 36-6195

**Report Number:** 15-12-00134

**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00134-022	6-2		White Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-023	6-3		White Granular; White Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-024A	7-1	Tile	White/Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-024B	7-1	Mastic	Clear Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
15-12-00134-025A	7-2	Tile	White/Gray Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00134-025B	7-2	Mastic	Clear Adhesive; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
15-12-00134-026	8-1		Tan Vinyl; Tan Fibrous; Inhomogeneous	NAD	40% Cellulose 1% Fibrous Glass 59% Non-Fibrous
15-12-00134-027	8-2		Tan Vinyl; Tan Fibrous; Inhomogeneous	NAD	40% Cellulose 1% Fibrous Glass 59% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 36-6195

**Report Number:** 15-12-00134

**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00134-028	9-1		Tan Vinyl; Homogeneous	2% Chrysotile	98% Non-Fibrous
<b>Total Asbestos: 2%</b>					
15-12-00134-029	9-2			Did Not Analyze (Positive Stop)	
15-12-00134-030	10-1		Brown Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
15-12-00134-031	10-2		Brown Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
15-12-00134-032	11-1		Black Tar-Like; Homogeneous	4% Chrysotile	5% Cellulose 91% Non-Fibrous
<b>Total Asbestos: 4%</b>					
15-12-00134-033	11-2			Did Not Analyze (Positive Stop)	
15-12-00134-034	12-1		White Granular; Gray Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-035	12-2		White Granular; Gray Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00134-036	12-3		White Granular; Gray Paint; Inhomogeneous	NAD	100% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 36-6195  
**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

**Report Number:** 15-12-00134

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00134-037	13-1		Tan Vinyl; Homogeneous	3% Chrysotile	97% Non-Fibrous
<b>Total Asbestos: 3%</b>					
15-12-00134-038	13-2			Did Not Analyze (Positive Stop)	
15-12-00134-039	14-1		Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
15-12-00134-040	14-2		Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
15-12-00134-041	15-1		Tan Fibrous; Homogeneous	60% Chrysotile	33% Cellulose 7% Non-Fibrous
<b>Total Asbestos: 60%</b>					
15-12-00134-042	16-1		Gray Fibrous; Homogeneous	55% Chrysotile	45% Non-Fibrous
<b>Total Asbestos: 55%</b>					
15-12-00134-043	17-1		Gray Cementitious; Homogeneous	20% Chrysotile	80% Non-Fibrous
<b>Total Asbestos: 20%</b>					

# Environmental Hazards Services, L.L.C

**Client Number:** 36-6195  
**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

**Report Number:** 15-12-00134

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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**QC Sample:** 75-M22009-3  
**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

Reviewed By Authorized Signatory:   
Howard Varner  
General Manager

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
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## Analyst Signature Page

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

**Report Number:** 15-12-00134

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

**Received Date:** 12/02/2015

**Analyzed Date:** 12/04/2015

**Reported Date:** 12/07/2015

Client Number: 36-6195

**Project/Test Address:** MCLB.003; 1535 W. 2nd Street

**Analyst(s)**

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A handwritten signature in black ink, appearing to read "Christian H. Schaible".

Christian H. Schaible





# Asbestos Chain-of-Custody

Environmental Hazards Services, LLC

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

WSP  
~ For Lab Use Only ~

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

**Turn Around Times :** 2 - Day \_\_\_\_\_ 3 - Day \_\_\_\_\_ Weekend (Must Call Ahead)  
 \_\_\_\_\_ 1 - Day \_\_\_\_\_ Same Day (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 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)
1	317	12-1-15	X											
2	313													
3	314													
4	315													
5	316													
6	317													
7	411													
8	412													
9	511													
10	512													

Released by: C. Kuehn Signature: \_\_\_\_\_ Date/Time: 12-1-15/7  
 Received by: T. Johnson Signature: \_\_\_\_\_ Date/Time: 12-2-15



# Asbestos Chain-of-Custody

Environmental Hazards Services, LLC

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

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~ For Lab Use Only ~

Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, OH 45214  
 Phone: (513) 542-5323 Fax: ( ) E-mail: Acct. Number: 36-6195

Project Name / Testing Address: MCLB, 003 - Sunny City/State (Required):  
 Collected by: C. Kuehn Purchase Order Number:

Turn Around Times: 2 - Day 3 - Day 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 (mins)	Volume (Total Liters)
1	G-1	12-1-15	✓												SAP
2	G-2														SAP
3	G-3														SAP
4	T-1														SAP
5	T-2														SAP
6	B-1														SAP
7	B-2														SAP
8	G-1														SAP
9	G-2														SAP
10	W-1														SAP

Released by: C. Kuehn Signature: [Signature]  
 Received by: T. Johnson Signature: [Signature]  
 Date/Time: 12-1-15  
 Date/Time: 12-2-15



Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd Richmond, VA 23237 (800)347-4070 (804)275-4907 (fax)

# Asbestos Chain-of-Custody

~ For Lab Use Only ~

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

Turn Around Times: 2 - Day 3 - Day X - Day

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 Certified (Bulk)	TEMAHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	10.2	12-1-15	X											→ SLP
2	11.1													→ SLP
3	11.2													→ SLP
4	12.1													→ SLP
5	12.2													→ SLP
6	12.3													→ SLP
7	13.1													→ SLP
8	13.2													→ SLP
9	14.1													→ SLP
10	14.2													→ SLP
Released by: <u>C. Kutner</u>											Signature: _____		Date/Time: <u>12.1.15/7</u>	
Received by: <u>T. Johnson</u>											Signature: _____		Date/Time: <u>12-1-15</u>	



Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd  
 (800)347-4070 Richmond, VA 23237  
 (804)275-4907 ( fax)

# Asbestos Chain-of-Custody

NSM  
 ~ For Lab Use Only ~

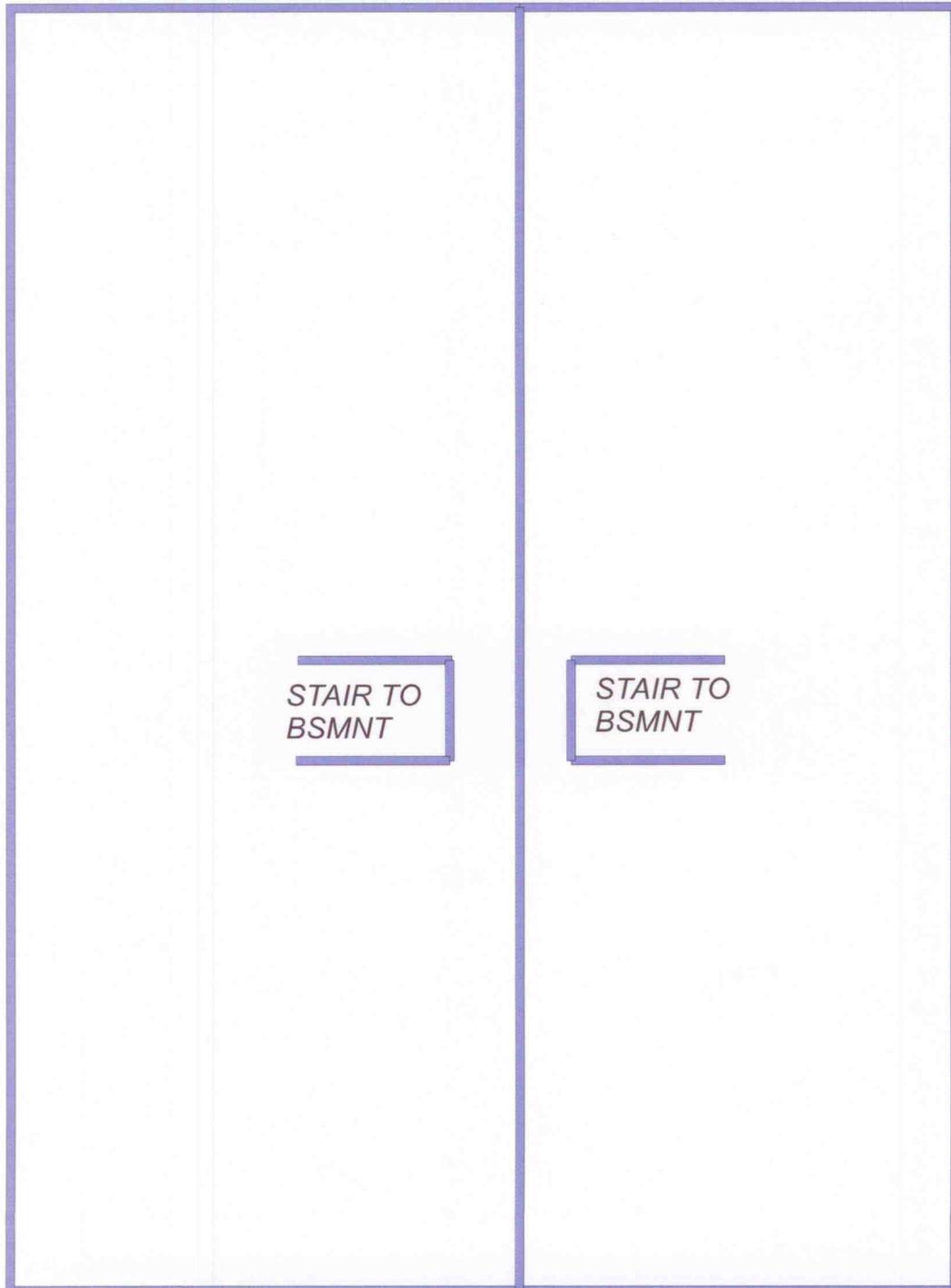
Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, OH 45214  
 Phone: (513) 542-5323 Fax: ( ) \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Project Name / Testing Address: MCLB 003 - Sample City/State (Required): \_\_\_\_\_  
 Collected by: C. Kuehn Purchase Order Number: \_\_\_\_\_

Turn Around Times : 3 - Day 3 - Day 3 - Day  
 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 Chattd (Bulk)	TEM AHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	15.1	12-1-15	✓											
2	16.1	↓												
3	17.1	↓												
4														
5														
6														
7														
8														
9														
10														

Released by: C. Kuehn Signature: \_\_\_\_\_ Date/Time: 12.1.15  
 Received by: T. Hub Signature: \_\_\_\_\_ Date/Time: 12.2.15

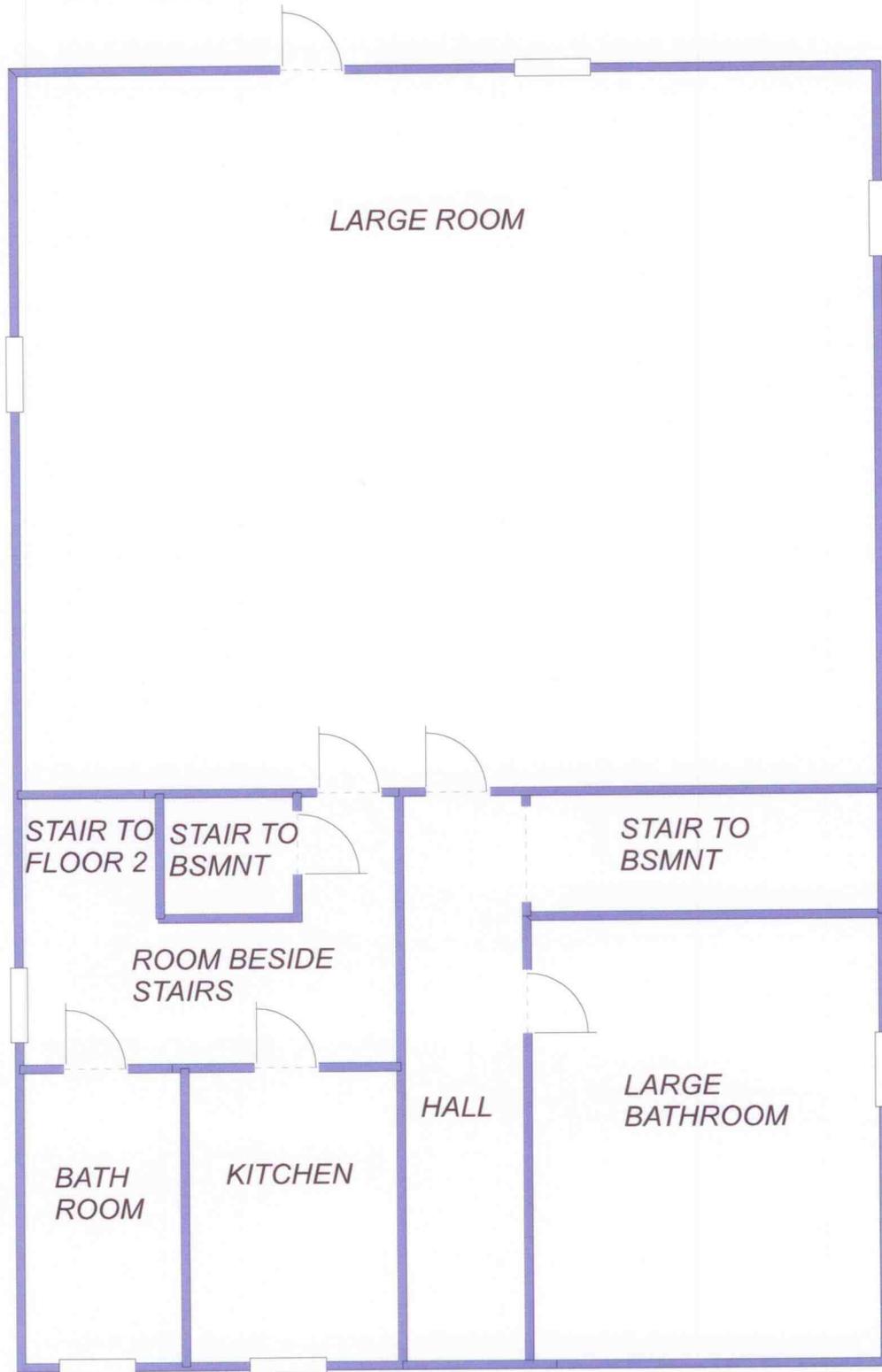
*1535 WEST SECOND STREET  
BASEMENT*



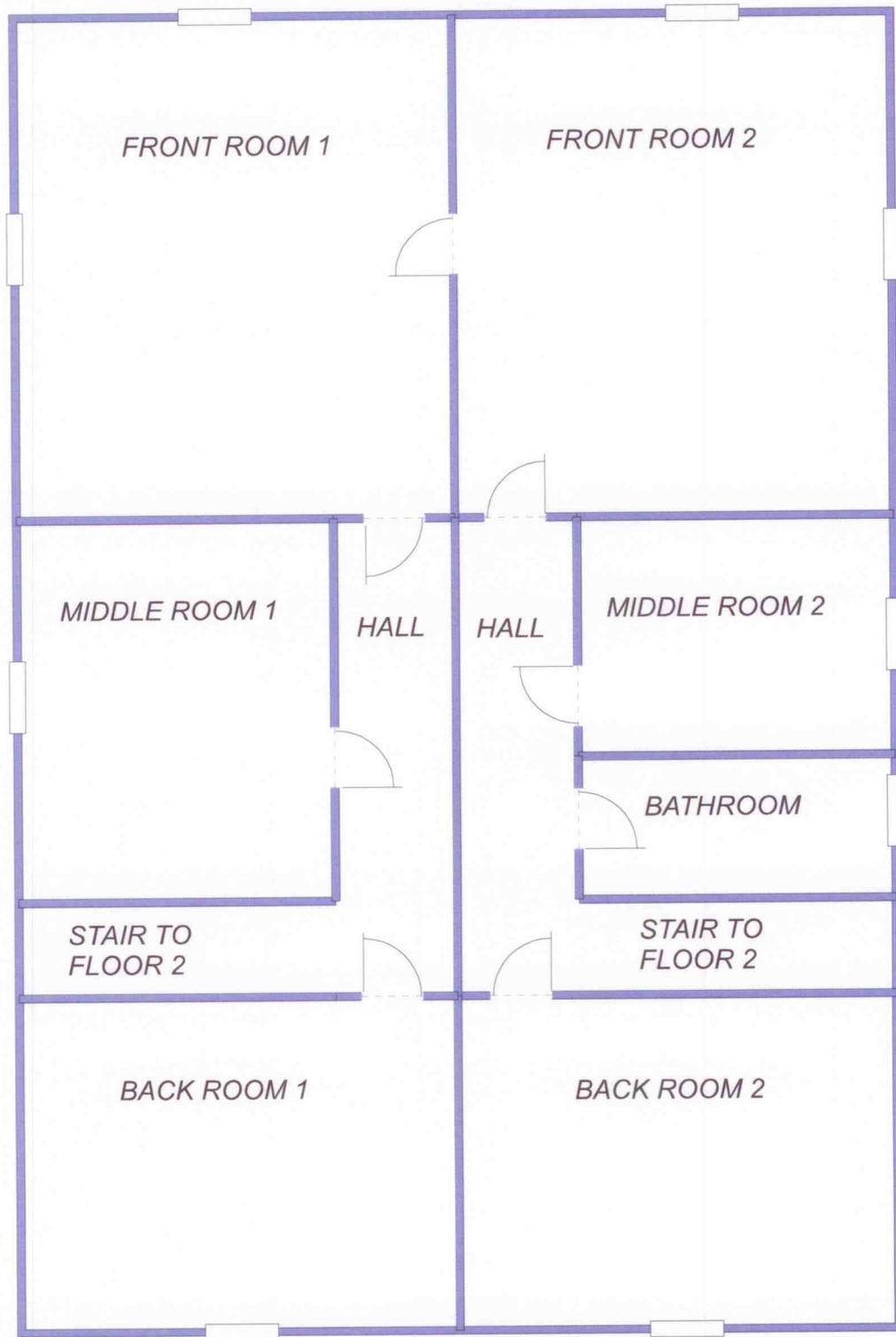
*STAIR TO  
BSMNT*

*STAIR TO  
BSMNT*

1535 WEST SECOND STREET  
FIRST FLOOR



1535 WEST SECOND STREET  
SECOND FLOOR

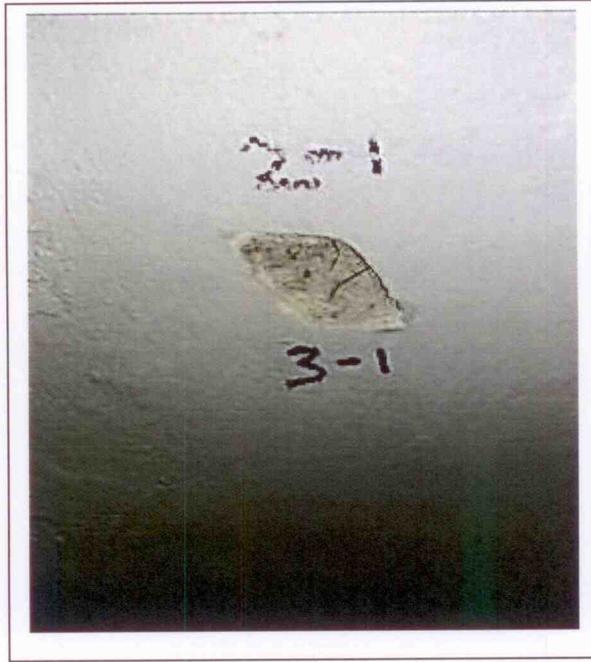




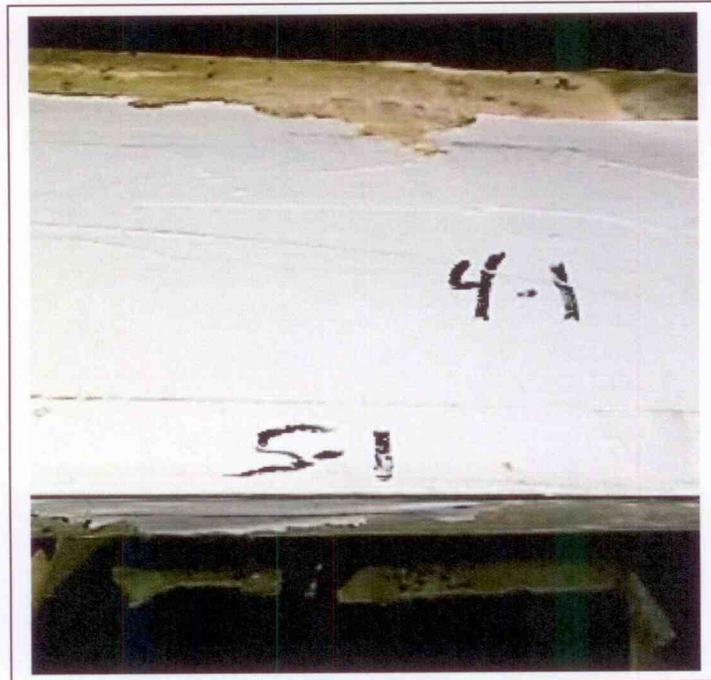
1535 West Second Street



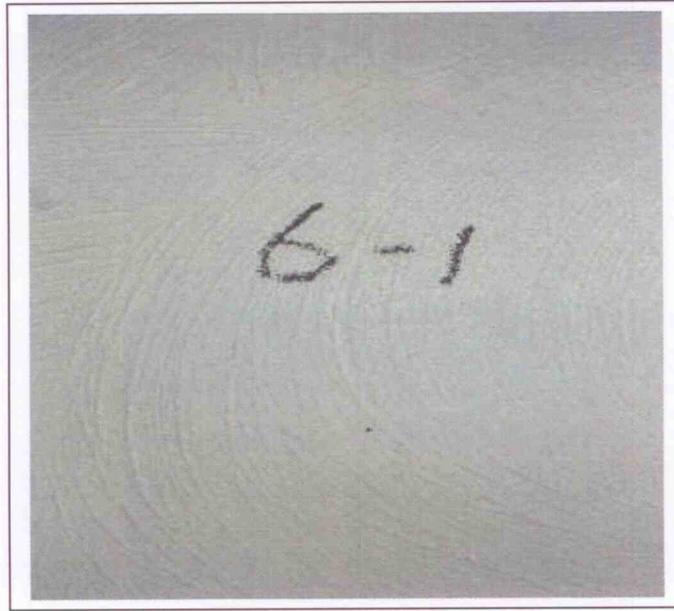
Asphalt roof shingle



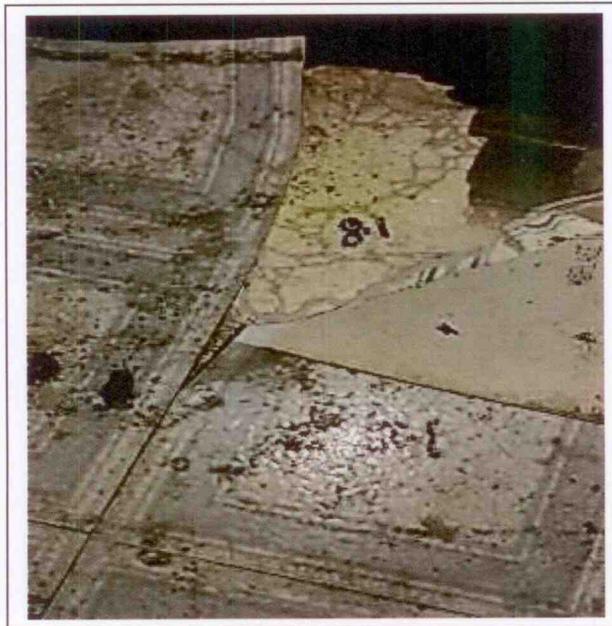
Hard wall and ceiling plaster



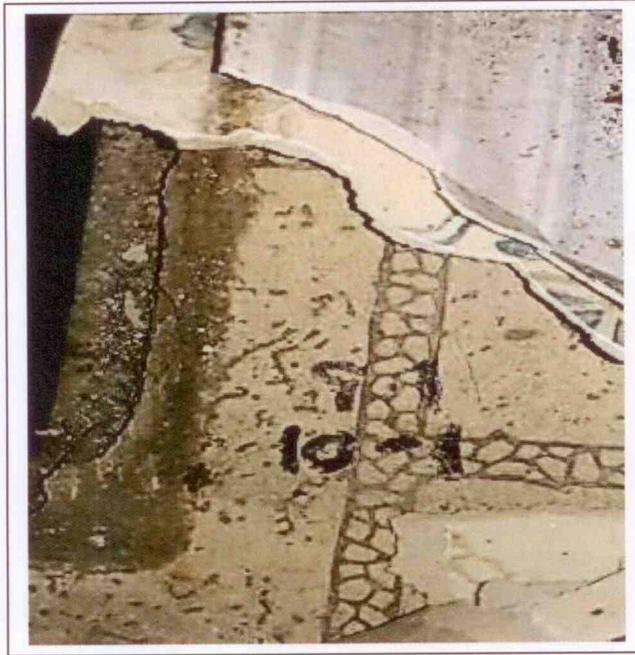
Drywall and associated joint compound



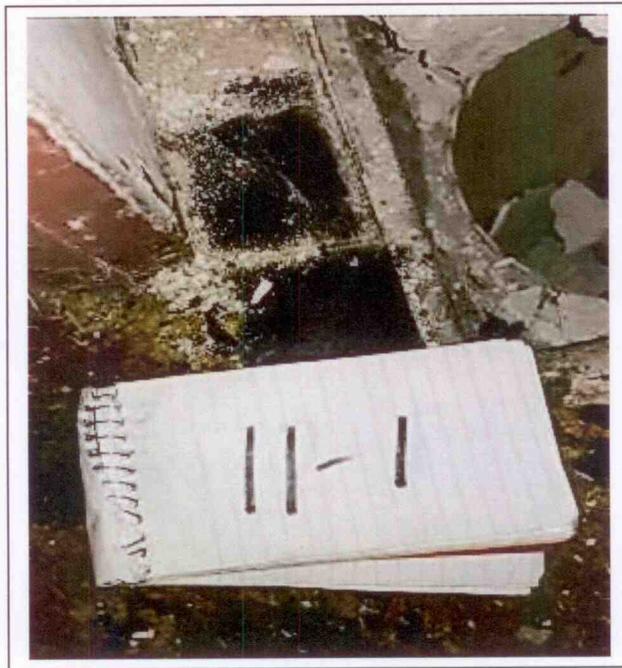
Textured ceiling, swirl pattern



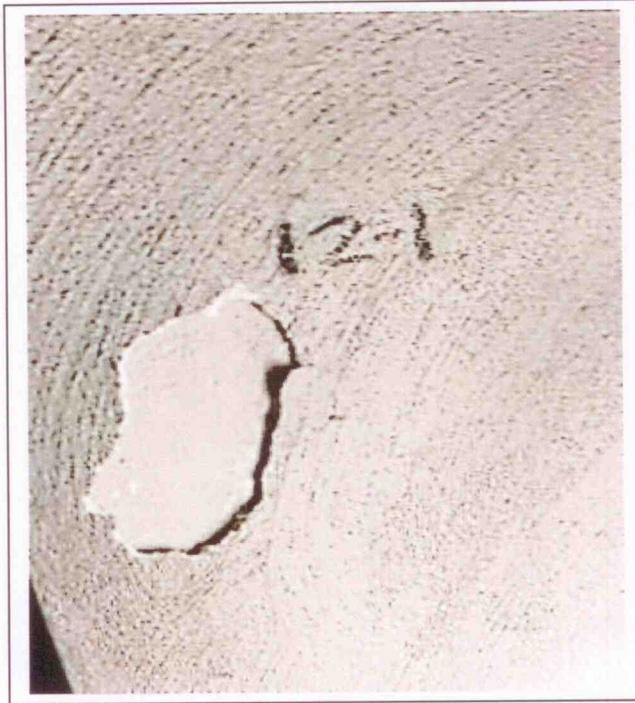
12" Grey sticky back floor tile over tan linoleum



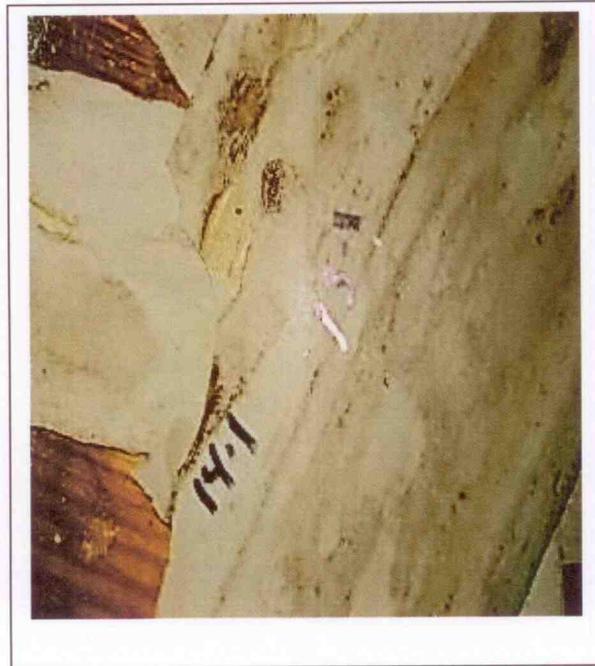
Tan floor tile and associated mastic



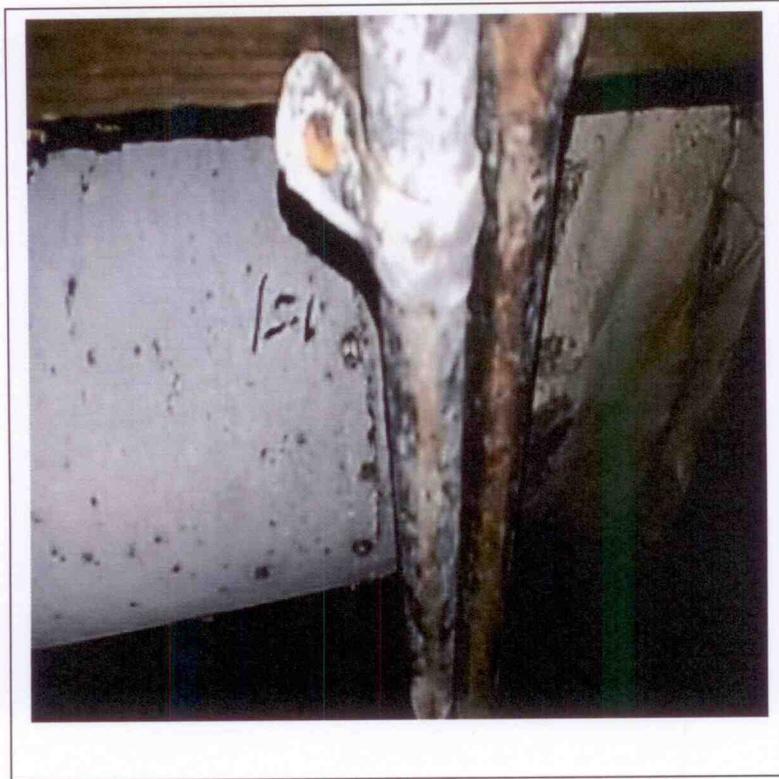
Black floor mastic



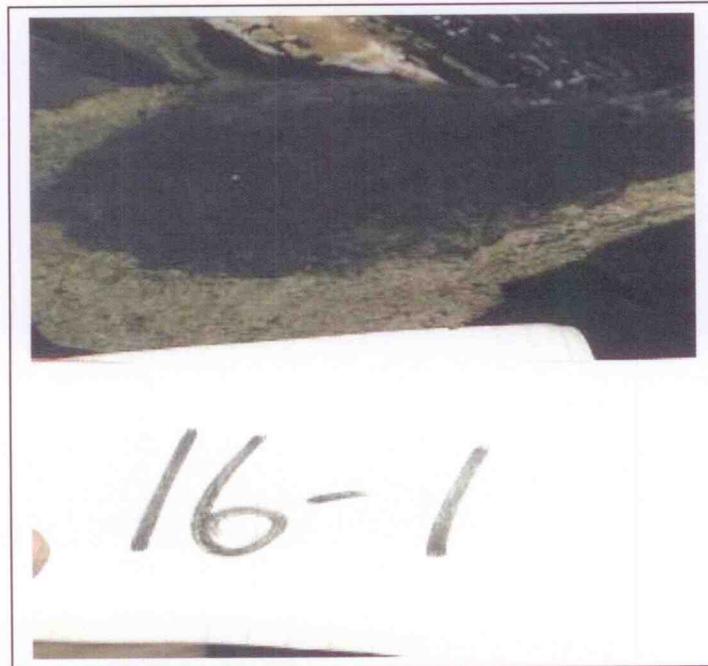
Textured wall, fine



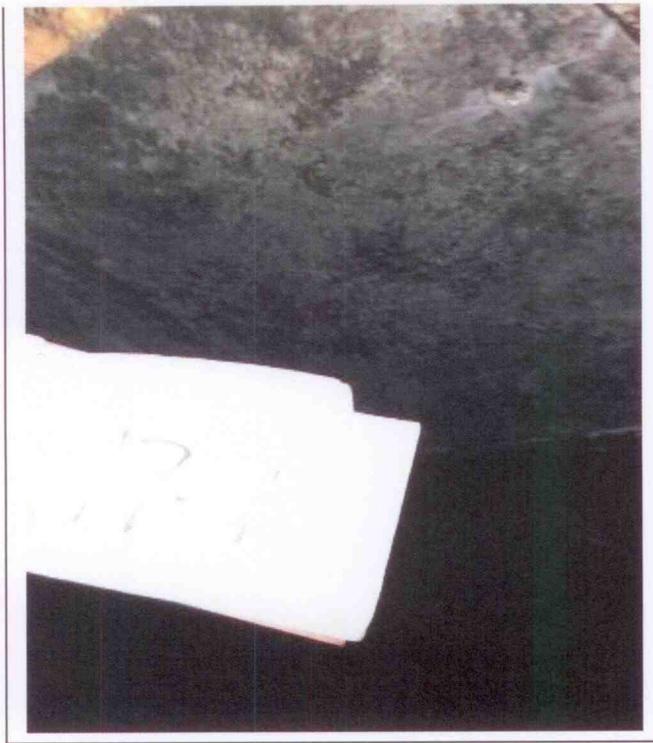
12" Grey floor tile and associated brown mastic



Duct insulation



Heat shield



Cementitious ceiling panel

August 26, 2015

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

RE: Asbestos Hazard Evaluation Specialist  
Certification Number: ES33689  
Expiration Date: 10/14/2016

Dear Christopher P Kuettnner:

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 Kuettnner**  
Sierra Environmental Group, Inc.  
1041 Straight Street  
Cincinnati OH 45214

DOB	Certification Number	Expiration Date
11/17/1956	ES33689	10/14/2016

State of Ohio Department of Health, Bureau of Licensure Operations, Office of Health Assurance and Licensing, 1600 Ross Street, Columbus, OH 43260-1090