



SIERRA ENVIRONMENTAL GROUP, INC.

December 15, 2015

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

Re: Comprehensive Pre-Demolition Asbestos Inspection
Vacant Residences
2631-2633 North Main Street
Dayton, Ohio 45405
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 residences located at 2631-2633 North Main Street in Dayton, Ohio. The purpose of this visit was to conduct a comprehensive asbestos inspection of the specified residences 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, gaskets, tar paper, window glaze, blown-in insulation and duct insulation. Five (5) asbestos-containing materials were identified within the residences scheduled for demolition (Table -2 Asbestos Inventory). The cost to remove the Regulated Asbestos-Containing Materials (RACM) and Category II asbestos-containing materials from the site prior to demolition would be \$14,040.00. 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

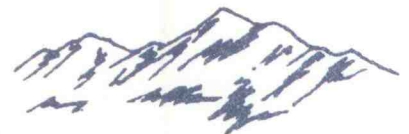


TABLE 1: BULK SAMPLE DATA SUMMARY

SAMPLE DESCRIPTION (Material Type)	SAMPLE LOCATION	HOMO AREA #	SAMPLE I.D. NO.	ASBESTOS CONTENT	FRIABLE/ NONFRIABLE
The following samples were collected from the vacant residences located at 2631-2633 North Main Street, Dayton, Ohio.					
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	*1.50% Chrysotile	Friable
Window glaze (Miscellaneous)	Exterior	2	2-2	Stopped Analysis	Friable
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Living room, 2631 side	3	3-1	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, >5,000 sf)	Living room, 2631 side	3	3-2	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Basement stairwell, 2631 side	3	3-3	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, >5,000 sf)	Basement stairwell, 2631 side	3	3-4	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Dining room, 2633 side	3	3-5	None Detected	Nonfriable
Skim coat of hard ceiling plaster (Surfacing, >5,000 sf)	Dining room, 2633 side	3	3-6	None Detected	Nonfriable
Skim coat of hard wall plaster (Surfacing, >5,000 sf)	Front bedroom, 2633 side	3	3-7	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Living room, 2631 side	4	4-1	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, >5,000 sf)	Living room, 2631 side	4	4-2	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Basement stairwell, 2631 side	4	4-3	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, >5,000 sf)	Basement stairwell, 2631 side	4	4-4	None Detected	Nonfriable
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Dining room, 2633 side	4	4-5	None Detected	Nonfriable
Brown coat of hard ceiling plaster (Surfacing, >5,000 sf)	Dining room, 2633 side	4	4-6	None Detected	Nonfriable

Table 1-1

TABLE 1: BULK SAMPLE DATA SUMMARY

SAMPLE DESCRIPTION (Material Type)	SAMPLE LOCATION	HOMO AREA #	SAMPLE I.D. NO.	ASBESTOS CONTENT	FRIABLE/ NONFRIABLE
Brown coat of hard wall plaster (Surfacing, >5,000 sf)	Front bedroom, 2633 side	4	4-7	None Detected	Nonfriable
Furnace duct insulation gasket (Thermal System Insulation)	Basement, 2631 side	5	5-1	55% Chrysotile	Friable
Duct insulation (Thermal System Insulation)	Basement, 2631 side	6	6-1	55% Chrysotile	Friable
Hard furnace gasket (Miscellaneous)	Basement, 2631 side	7	7-1	*2.25% Chrysotile	Nonfriable
Hard furnace gasket (Miscellaneous)	Basement, 2631 side	7	7-2	Stopped Analysis	Nonfriable
Blown-in insulation (Miscellaneous)	Attic	8	8-1	None Detected	Friable
Blown-in insulation (Miscellaneous)	Attic	8	8-2	None Detected	Friable
Drywall (Miscellaneous)	Kitchen, 2633 side	9	9-1	None Detected	Nonfriable
Drywall (Miscellaneous)	Kitchen, 2633 side	9	9-2	None Detected	Nonfriable
Joint compound (Miscellaneous)	Kitchen, 2633 side	10	10-1	*1.25% Chrysotile	Nonfriable
Joint compound (Miscellaneous)	Kitchen, 2633 side	10	10-2	Stopped Analysis	Nonfriable
12"x12" Yellow sticky back floor tile (Miscellaneous)	Kitchen, 2633 side	11	11-1	None Detected	Nonfriable
12"x12" Yellow sticky back floor tile (Miscellaneous)	Kitchen, 2633 side	11	11-2	None Detected	Nonfriable
White linoleum (Miscellaneous)	Kitchen, 2633 side	12	12-1	None Detected	Nonfriable
White linoleum (Miscellaneous)	Kitchen, 2633 side	12	12-2	None Detected	Nonfriable
Drywall, old (Miscellaneous)	Basement, 2633 side	13	13-1	None Detected	Friable
Drywall, old (Miscellaneous)	Basement, 2633 side	13	13-2	None Detected	Friable

Table 1-2

TABLE 1: BULK SAMPLE DATA SUMMARY

SAMPLE DESCRIPTION (Material Type)	SAMPLE LOCATION	HOMO AREA #	SAMPLE I.D. NO.	ASBESTOS CONTENT	FRIABLE/ NONFRIABLE
Black paper (Miscellaneous)	Basement, 2633 side	14	14-1	None Detected	Nonfriable
Black paper (Miscellaneous)	Basement, 2633 side	14	14-2	None Detected	Nonfriable
Green sticky back floor tile (Miscellaneous)	Bathroom, 2633 side	15	15-1	None Detected	Nonfriable
Green sticky back floor tile (Miscellaneous)	Bathroom, 2633 side	15	15-2	None Detected	Nonfriable

*Quantified By PLM Point Count Method

TABLE 2 - ASBESTOS INVENTORY

Location	Type ACM	Material Description	Amt. of Material (approx.)
The following asbestos-containing materials are located in the vacant residences located at 2631-2633 North Main Street, Dayton.			
Exterior	II	Window glaze	26 windows
Basement, 2631 side	RACM	Duct insulation gasket	1 sf
Basement, 2631 side	RACM	Duct insulation	40 sf
Basement, 2631 side	II	Cementitious gasket	20 lf
Basement to 2nd floor, 2631 side	RACM	Duct insulation (concealed behind hard wall and ceiling plaster)	100 sf
Basement, 2633 side	RACM	Duct insulation	45 sf
Basement to 2nd floor, 2633 side	RACM	Duct insulation (concealed behind hard wall and ceiling plaster)	100 sf
Kitchen, 2633 side	II	Drywall and associated joint compound	530 sf
Bathroom, 2nd floor, 2633 side	II	Drywall and associated joint compound	415 sf

Table 2-1

TABLE 3 - COST ESTIMATE

Location	Type ACM	Material Description	Cost for abatement (approx.)
The following asbestos-containing materials are located in the vacant residences located at 2631-2633 North Main Street, Dayton.			
Exterior	II	Window glaze	\$3,900.00
Basement, 2631 side	RACM	Duct insulation gasket	\$250.00
Basement, 2631 side	RACM	Duct insulation	\$800.00
Basement, 2631 side	II	Cementitious gasket	\$400.00
Basement to 2nd floor, 2631 side	RACM	Duct insulation (concealed behind hard wall and ceiling plaster)	\$2,500.00
Basement, 2633 side	RACM	Duct insulation	\$900.00
Basement to 2nd floor, 2633 side	RACM	Duct insulation (concealed behind hard wall and ceiling plaster)	\$2,500.00
Kitchen, 2633 side	II	Drywall and associated joint compound	\$1,560.00
Bathroom, 2633 side	II	Drywall and associated joint compound	\$1,230.00

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: 15-12-00137

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; 2631-2633 N. Main St.

Client Number:
 36-6195

Laboratory Results

Fax Number:
 513-542-6653

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00137-001	1-1	--	Black Tar-Like Fibrous; Homogeneous	NAD	55% Cellulose 45% Non-Fibrous
15-12-00137-002	1-2	--	Black Tar-Like Fibrous; Homogeneous	NAD	55% Cellulose 45% Non-Fibrous
15-12-00137-003	2-1	--	Tan Brittle; Homogeneous	2% Chrysotile	98% Non-Fibrous
Total Asbestos: 2%					
15-12-00137-004	2-2	--		Did Not Analyze (Positive Stop)	
15-12-00137-005	3-1	--	White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-006	3-2	--	White Granular; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00137

Project/Test Address: MCLB.003; 2631-2633 N. Main St.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00137-007	3-3	--	White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-008	3-4	--	White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-009	3-5	--	White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-010	3-6	--	White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-011	3-7	--	White Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-012	4-1	--	Gray Granular; Homogeneous	NAD	2% Cellulose 2% Hair 96% Non-Fibrous
15-12-00137-013	4-2	--	Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00137-014	4-3	--	Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00137

Project/Test Address: MCLB.003; 2631-2633 N. Main St.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00137-015	4-4	--	Gray Granular; Homogeneous	NAD	2% Cellulose 2% Hair 96% Non-Fibrous
15-12-00137-016	4-5	--	Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00137-017	4-6	--	Gray Granular; Homogeneous	NAD	2% Hair 98% Non-Fibrous
15-12-00137-018	4-7	--	Gray Granular; Homogeneous	NAD	2% Cellulose 2% Hair 96% Non-Fibrous
15-12-00137-019	5-1	--	Gray Fibrous; Homogeneous	55% Chrysotile	25% Cellulose 20% Non-Fibrous
				Total Asbestos: 55%	
15-12-00137-020	6-1	--	Gray Fibrous; Homogeneous	55% Chrysotile	25% Cellulose 20% Non-Fibrous
				Total Asbestos: 55%	
15-12-00137-021	7-1	--	Gray Granular; Homogeneous	3% Chrysotile	97% Non-Fibrous
				Total Asbestos: 3%	
15-12-00137-022	7-2	--	Did Not Analyze (Positive Stop)		

Environmental Hazards Services, L.L.C

Client Number: 36-6195
 Project/Test Address: MCLB.003; 2631-2633 N. Main St.

Report Number: 15-12-00137

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00137-023	8-1	--	Brown Fibrous; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous
15-12-00137-024	8-2	--	Brown Fibrous; Homogeneous	NAD	90% Cellulose 10% Non-Fibrous
15-12-00137-025	9-1	--	Gray Powdery; Brown Fibrous; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
15-12-00137-026	9-2	--	Gray Powdery; Brown Fibrous; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
15-12-00137-027	10-1	--	Tan Granular; Homogeneous	2% Chrysotile	98% Non-Fibrous
Total Asbestos: 2%					
15-12-00137-028	10-2	--		Did Not Analyze (Positive Stop)	
15-12-00137-029	11-1	--	Brown Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-030	11-2	--	Brown Vinyl; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00137

Project/Test Address: MCLB.003; 2631-2633 N. Main St.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00137-031	12-1	--	White Vinyl; Gray Fibrous; Inhomogeneous	NAD	35% Cellulose 20% Fibrous Glass 45% Non-Fibrous
15-12-00137-032	12-2	--	White Vinyl; Gray Fibrous; Inhomogeneous	NAD	35% Cellulose 20% Fibrous Glass 45% Non-Fibrous
15-12-00137-033	13-1	--	Gray Powdery; Homogeneous	NAD	15% Cellulose 85% Non-Fibrous
15-12-00137-034	14-1	--	Black Brittle; Brown Fibrous; Inhomogeneous	NAD	85% Cellulose 15% Non-Fibrous
15-12-00137-035	14-2	--	Black Brittle; Brown Fibrous; Inhomogeneous	NAD	85% Cellulose 15% Non-Fibrous
15-12-00137-036	15-1	--	Green/Black Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00137-037	15-2	--	Green/Black Vinyl; Homogeneous	NAD	100% Non-Fibrous

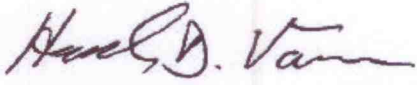
Environmental Hazards Services, L.L.C

Client Number: 36-6195
Project/Test Address: MCLB.003; 2631-2633 N. Main St.

Report Number: 15-12-00137

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: Sami Hosn

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: 15-12-00137

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; 2631-2633 N. Main St.

Analyst(s)

A handwritten signature in black ink that reads "Sami Hosn". The signature is written in a cursive style.

Sami Hosn



Environmental Hazards Services, LLC

www.leadlab.com
(800)347-4070
(804)275-4907 (fax)

37 PM

Asbestos Chain-of-Custody

15-12-00137



Due Date:
12/07/2015
(Monday)
AE M Inv

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, 003-2631-2633 N. Row St City/State (Required): _____

Collected by: C. Kuthur 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			Volume (Total Liters)	COMMENTS	
			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)			Total Time (minutes)
1	1-1	12-1-15	X											Step 0 1st SPP SPP SPP SPP
2	1-2													
3	2-1													
4	2-2													
5	3-1													
6	3-2													
7	3-3													
8	3-4													
9	3-5													
10	3-6													
Released by: <u>C. Kuthur</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12-1-15/7</u>		Date/Time: <u>12/1/15</u>								
Received by: <u>T. Johnson</u>		Signature: <u>[Signature]</u>		Date/Time: <u>12/1/15</u>		Date/Time: <u>12/1/15</u>								



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

Asbestos Chain-of-Custody

137
 ~ 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 - Same City/State (Required):
 Collected by: C. Kuchta 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	317	12-15													
2	411														
3	412														
4	413														
5	414														
6	415														
7	416														
8	417														
9	511														
10	611														

Released by: C. Kuchta Signature: [Signature]
 Received by: J. Ashman Signature: [Signature]
 Date/Time: 12-15-17
 Date/Time: 12/15/17



Asbestos Chain-of-Custody

Environmental Hazards Services, LLC

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

137
~ 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 - 5028 City/State (Required): _____
 Collected by: C. Keuthner Purchase Order Number: _____

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

2 1 - Day 2 - Day 3 - Day 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 N° Protocol	PCM	TEM Certified (Bulk)	TEM AHERA (Air)	Time On	Time Off		
1	7.1	12-1-15											SAP
2	7.2												→ SAP
3	8.1												→ SAP
4	8.2												→ SAP
5	9.1												→ SAP
6	9.2												→ SAP
7	10.1												→ SAP
8	10.2												→ SAP
9	11.1												→ SAP
10	11.2												→ SAP

Released by: C. Keuthner Signature: _____ Date/Time: 12-1-15
 Received by: J. Johnson Signature: _____ Date/Time: 12/2/15



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

Asbestos Chain-of-Custody

137
 ~ 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 - SAGE City/State (Required): _____
 Collected by: C. Kuntner Purchase Order Number: _____

Turn Around Times: 3 - Day 3 - Day 3 - Day
 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 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	12.1	12-1-15	X											SAP →
2	12.2													SAP →
3	13.1													SAP →
4	14.1													SAP →
5	14.2													SAP →
6	15.1													
7	15.2													
8														
9														
10														

Released by: C. Kuntner Signature: _____ Date/Time: 12.1.15
 Received by: J. ... Signature: _____ Date/Time: 12/2/15



Asbestos 400 Point Count Analysis Report

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

Report Number: 15-12-00592

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; 2631-2633 N. Main St.; EHS# 15-12-00137

Client Number:
36-6195

Fax Number:
513-542-6653

Laboratory Results

Lab Sample Number	Client Sample Number	Lab Gross Description	% Asbestos	Narrative ID
15-12-00592-001	2-1	Tan Brittle	1.50 % Chrysotile	
15-12-00592-002	7-1	Black Granular	2.25 % Chrysotile	
15-12-00592-003	10-1	Tan Granular	1.25 % Chrysotile	

Reporting Limit: 0.25 % Asbestos

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

Analyst: Sami Hosn

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. 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.

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: 15-12-00592

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

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

Client Number: 36-6195

Project/Test Address: MCLB.003; 2631-2633 N. Main St.; EHS# 15-12-00137

Analyst(s)

A handwritten signature in black ink that reads "Sami Hosn". The signature is written in a cursive style with a large initial "S" and a long, sweeping underline.

Sami Hosn



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

Asbestos Bulk Analysis Report

Report Number: 15-12-01624

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

Received Date: 12/14/2015
Analyzed Date: 12/14/2015
Reported Date: 12/14/2015

Project/Test Address: MCLB.003; 2631-2633 N. Main St.

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
15-12-01624-001	13-2		Gray Powdery; Brown Fibrous; Inhomogeneous	NAD	28% Cellulose 72% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-01624

Project/Test Address: MCLB.003; 2631-2633 N. Main St.

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 74-M22011-2

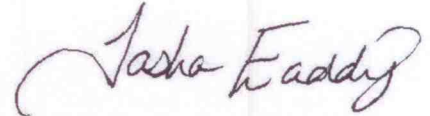
QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

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

Analyst: Sami Hosn

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: 15-12-01624

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

Received Date: 12/14/2015

Analyzed Date: 12/14/2015

Reported Date: 12/14/2015

Client Number: 36-6195

Project/Test Address: MCLB.003; 2631-2633 N. Main St.

Analyst(s)

A handwritten signature in black ink that reads "Sami Hosn". The signature is written in a cursive style with a large initial "S".

Sami Hosn



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

Asbestos Chain-of-Custody

15-12-01624



Due Date:
 12/14/2015
 (Monday)
 AE M Inv

9J
 12PM

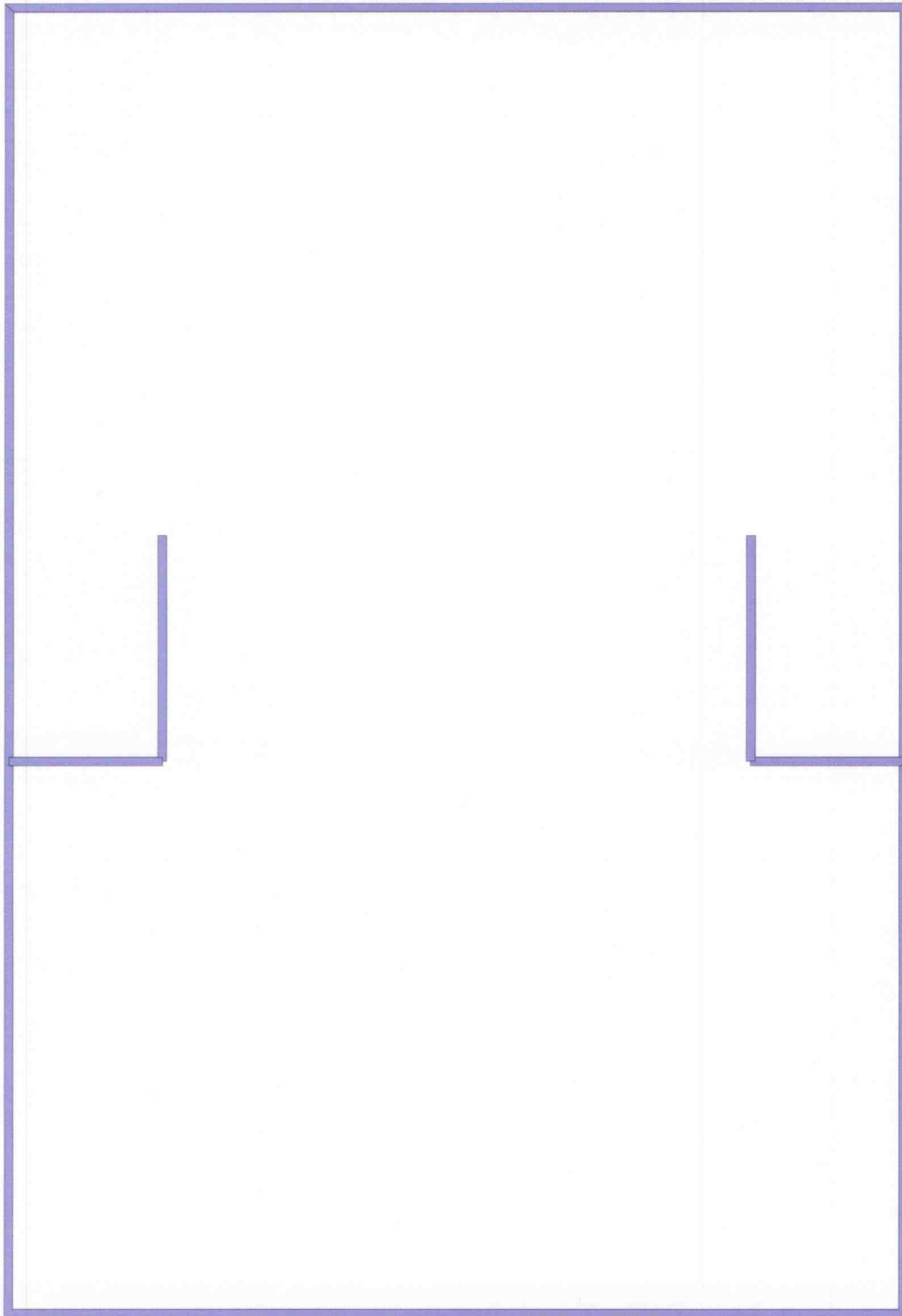
Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, OH 45214
 Phone: (513) 542-5323 Fax: () E-mail: Acct. Number: 36-6195
 Project Name / Testing Address: MCLB.003 - 2631-2633 N. Main St. City/State (Required):
 Collected by: T. T. L Purchase Order 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)

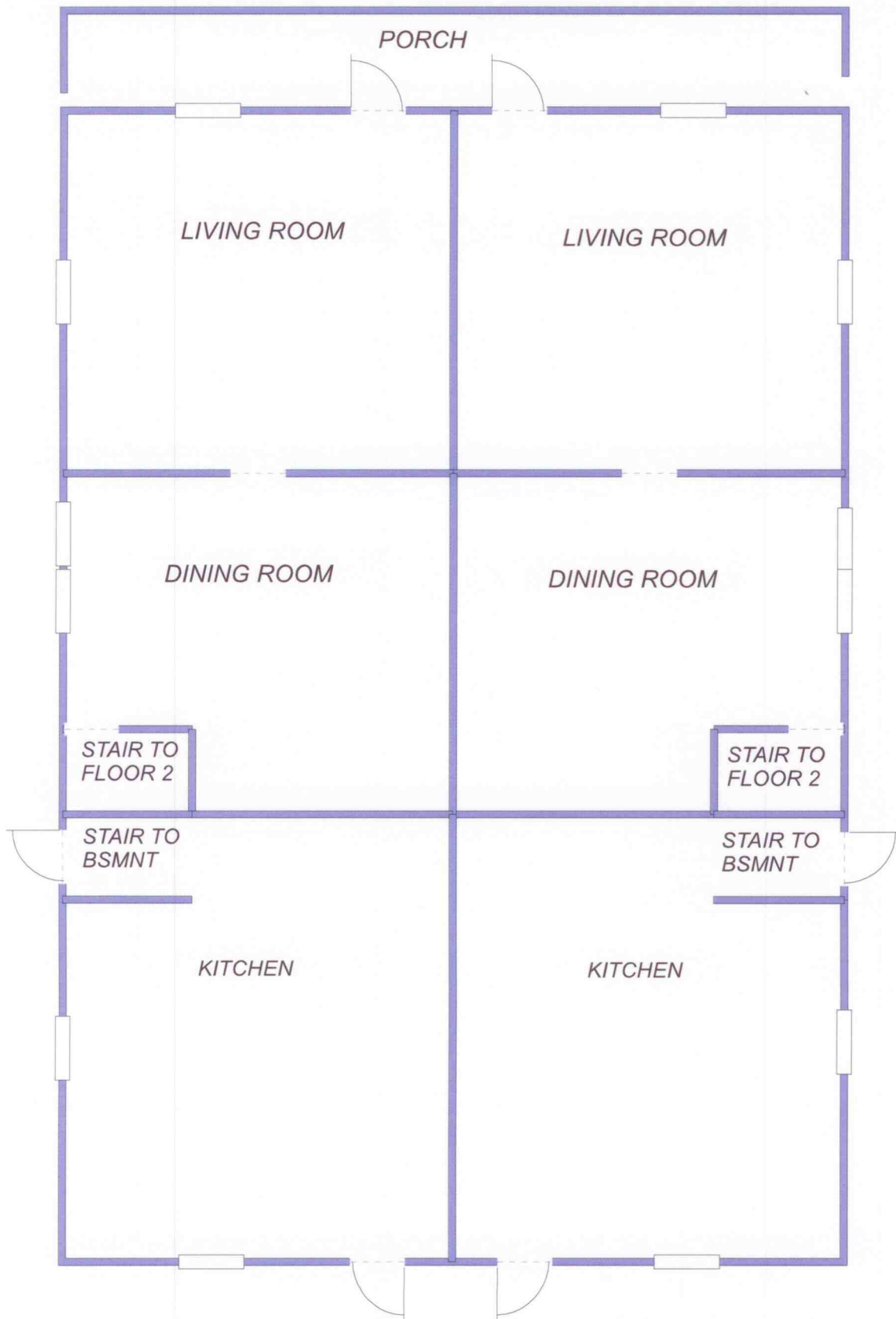
No.	Client Sample ID	Date Collected	ASBESTOS						AIR			Volume (Total Liters)	COMMENTS	
			PLM	PLM/Point Count 400	PLM/Point Count 1000	PLM NY Protocol	PCM	TEM Certified (Bulk)	TEM/AHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	13-2	12-11-15	-											
2														
3														
4														
5														
6														
7														
8														
9														
10														

Released by: T. T. L
 Received by: DBBri #1
 Signature: [Signature]
 Signature: [Signature]
 Date/Time: 12/14/15
 Date/Time: 12/14/15

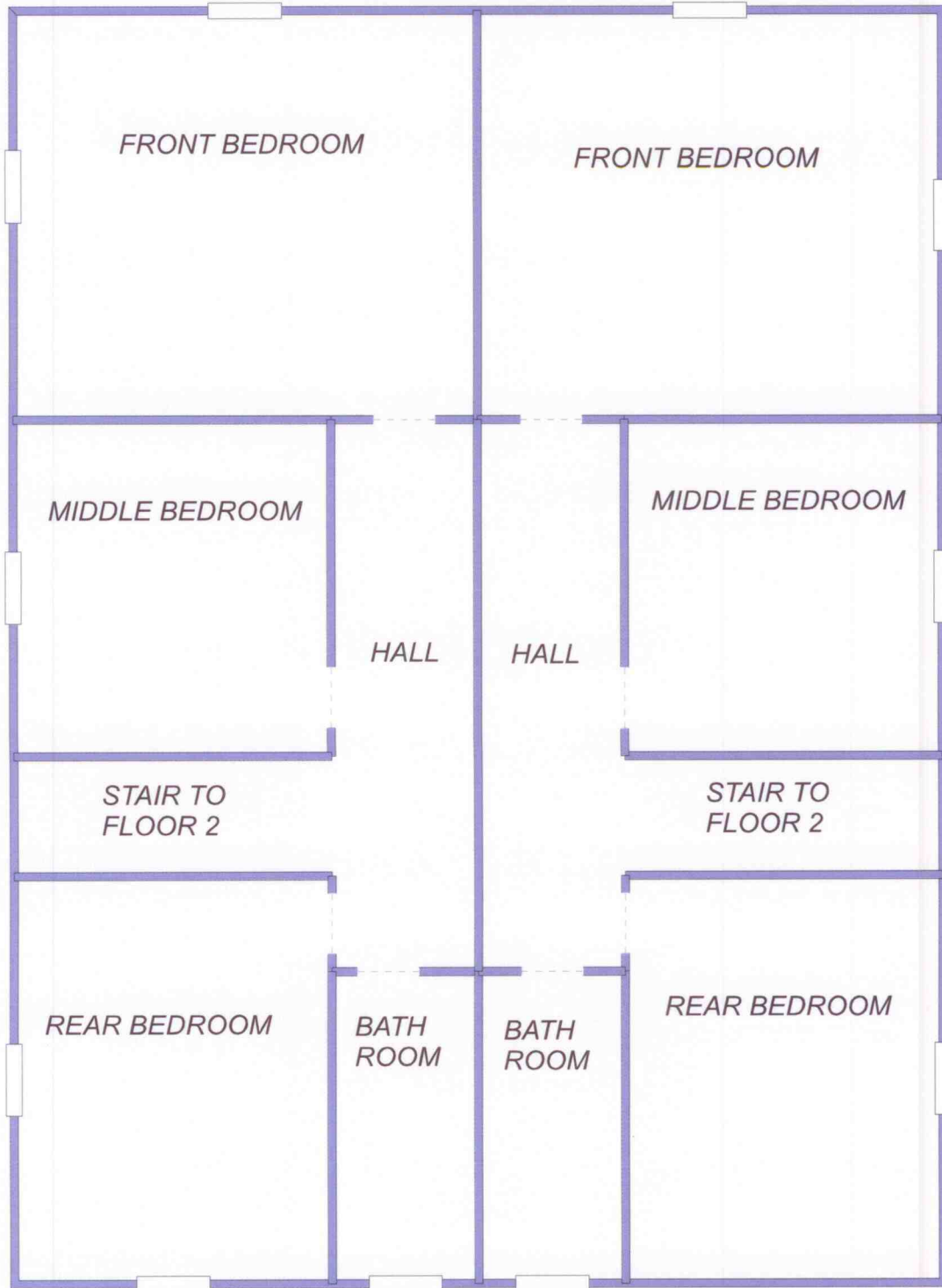
2631 - 2633 NORTH MAIN STREET
BASEMENT



2631 - 2633 NORTH MAIN STREET
FIRST FLOOR



2631 - 2633 NORTH MAIN STREET
SECOND FLOOR





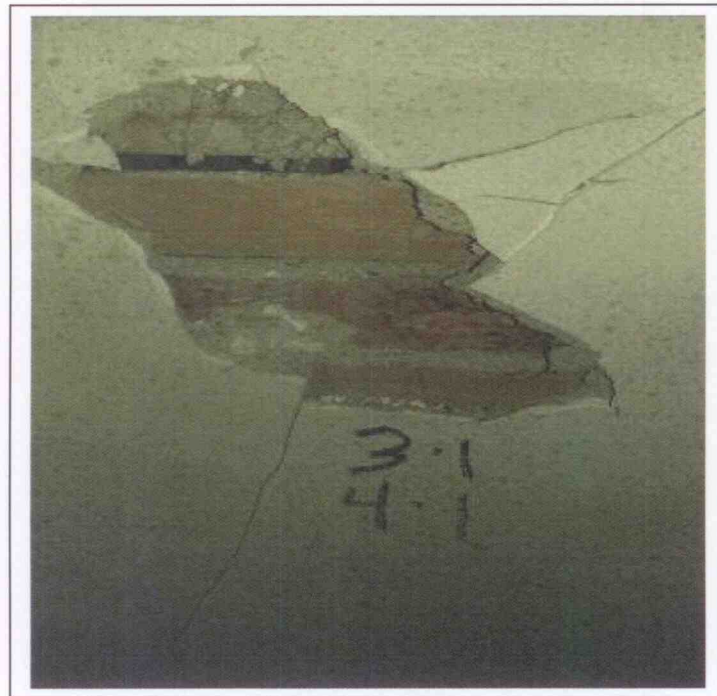
2631 - 2633 North Main Street



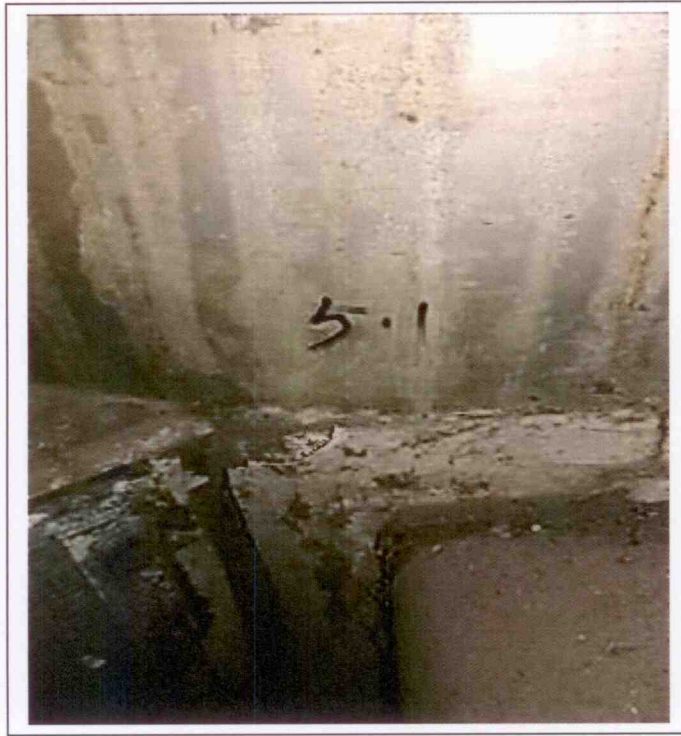
Black asphalt roof shingle



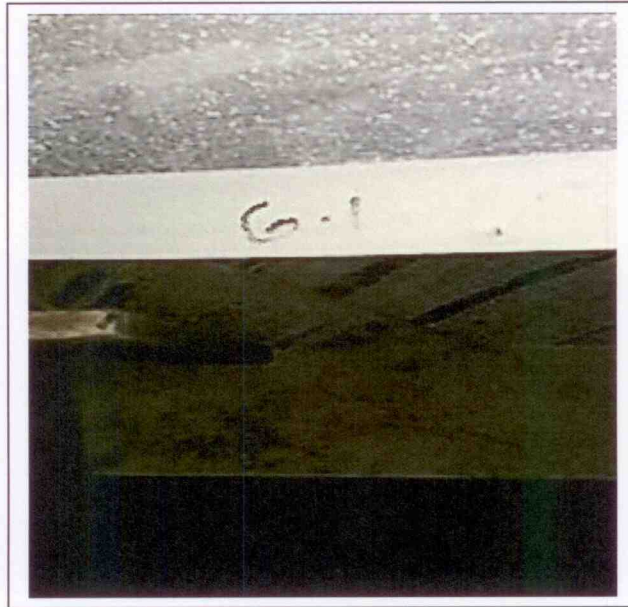
Window glaze



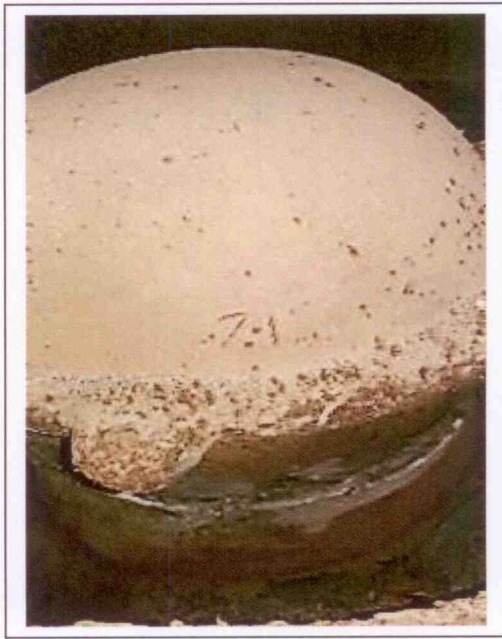
Hard wall and ceiling plaster



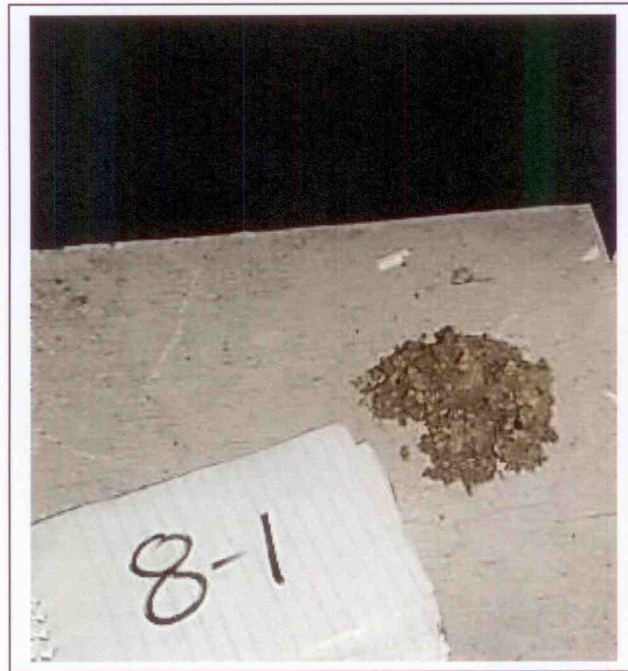
Furnace duct insulation



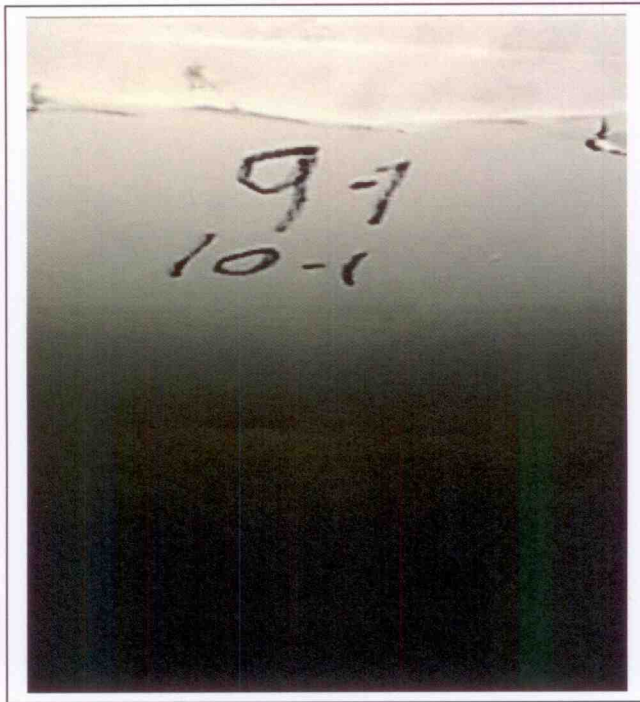
Duct insulation



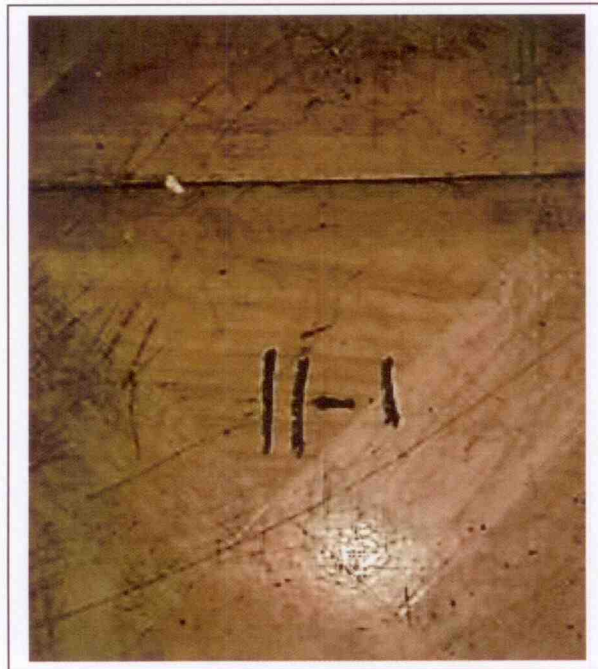
Cementitious furnace gasket



Blown-in insulation



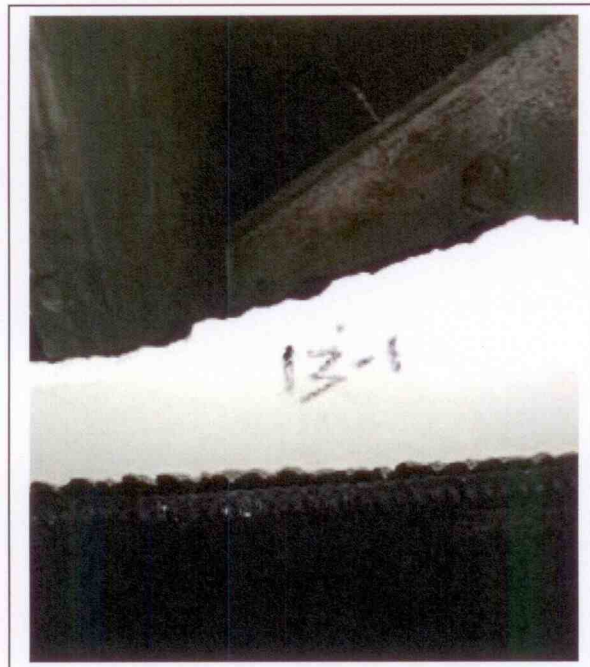
Drywall and associated joint compound



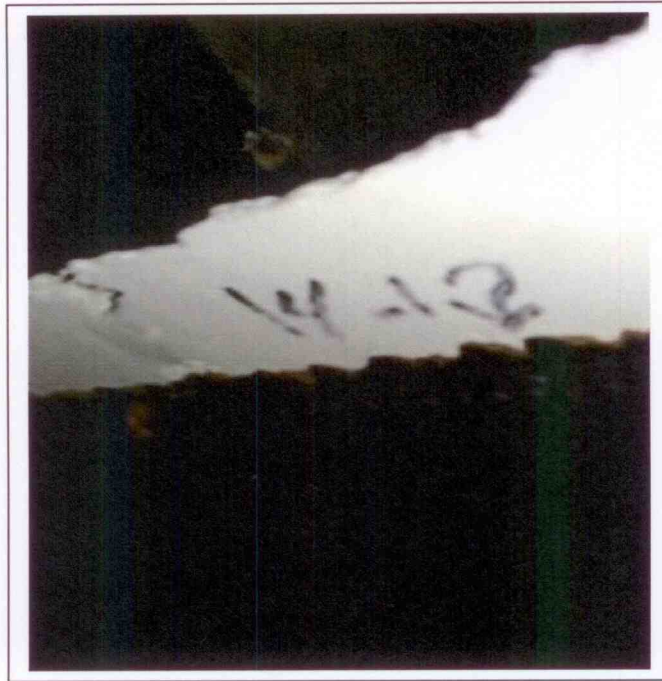
12" Yellow sticky back floor tile



White linoleum under yellow linoleum



Heat shield



Black paper

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

 Certification Number: **ES33689** Expiration Date: **10/14/2016**

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