



December 14, 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
1029-1031 West 2nd Street
Dayton, Ohio 45402
Sierra Project Number: MCLB.003

Dear Mr. Zimmer:

On December 4, 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 1029-1031 West 2nd 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, window glaze, heat shield and pipe insulation. Two (2) 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) from this site prior to demolition would be \$6,250.00. 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

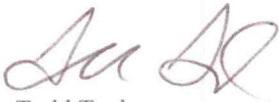
that were not sampled during the initial site visit; Sierra should be notified to document any additional samples that may be required and handled accordingly.

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 1029-1031 West 2nd 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	None Detected	Friable

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)	Kitchen, 1029 side	4	4-7	None Detected	Nonfriable
Textured wall, rough (Surfacing <1,000 sf)	Living room, 1031 side	5	5-1	None Detected	Nonfriable
Textured wall, rough (Surfacing <1,000 sf)	Dining room, 1031 side	5	5-2	None Detected	Nonfriable
Textured wall, rough (Surfacing <1,000 sf)	Dining room, 1029 side	5	5-3	None Detected	Nonfriable
Textured wall, rough (Surfacing <1,000 sf)	Living room, 1029 side	5	5-4	None Detected	Nonfriable
Textured wall, rough (Surfacing <1,000 sf)	Living room, 1029 side	5	5-5	None Detected	Nonfriable
Textured ceiling, fine (Surfacing <1,000 sf)	Living room, 1031 side	6	6-1	None Detected	Nonfriable
Textured ceiling, fine (Surfacing <1,000 sf)	Dining room, 1031 side	6	6-2	None Detected	Nonfriable
Textured ceiling, fine (Surfacing <1,000 sf)	Dining room, 1029 side	6	6-3	None Detected	Nonfriable
Textured ceiling, fine (Surfacing <1,000 sf)	Living room, 1029 side	6	6-4	None Detected	Nonfriable
Textured ceiling, fine (Surfacing <1,000 sf)	Living room, 1029 side	6	6-5	None Detected	Nonfriable
Drywall (Miscellaneous)	Bathroom, 1031 side	7	7-1	None Detected	Nonfriable
Drywall (Miscellaneous)	Dining room, 1031 side	7	7-2	None Detected	Nonfriable
Joint compound (Miscellaneous)	Dining room, 1031 side	8	8-1	None Detected	Nonfriable
Joint compound (Miscellaneous)	Kitchen, 1031 side	8	8-2	None Detected	Nonfriable
Aircell-paper pipe insulation (Thermal System Insulation)	Basement	9	9-1	55% Chrysotile	Friable
Heat shield (Thermal System Insulation)	Basement	10	10-1	42% Chrysotile	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
12"X12" Tan floor tile (Miscellaneous)	Kitchen, 1029 side	11	11-1	None Detected	Nonfriable
12"X12" Tan floor tile (Miscellaneous)	Kitchen, 1029 side	11	11-2	None Detected	Nonfriable
Brown mastic associated with 12" tan floor tile (Miscellaneous)	Kitchen, 1029 side	12	12-1	None Detected	Nonfriable
Brown mastic associated with 12" tan floor tile (Miscellaneous)	Kitchen, 1029 side	12	12-2	None Detected	Nonfriable

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 1029-1031 West 2nd Street, Dayton.			
Basement, 1029 side	RACM	Aircell-paper pipe insulation	150 lf
Basement, 1031 side	RACM	Aircell-paper pipe insulation	150 lf
Basement, 1031 side	RACM	Heat shield	12 sf

TABLE 3 - COST ESTIMATE

Location	Type ACM	Material Description	Cost for abatement (approx.)
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The following asbestos-containing materials are located in the vacant residences located at 1029-1031 West 2nd Street, Dayton.

Basement, 1029 side	RACM	Duct insulation	\$3,000.00
Basement, 1031 side	RACM	Duct insulation	\$3,000.00
Basement, 1031 side	RACM	Heat shield	\$250.00



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

Asbestos Bulk Analysis Report

Report Number: 15-12-00866

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

Received Date: 12/08/2015
Analyzed Date: 12/09/2015
Reported Date: 12/11/2015

Project/Test Address: MSCB.003-1029-1031 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
15-12-00866-001	1-1		Black Tar-Like; Gray Granular; Inhomogeneous	NAD	14% Fibrous Glass 86% Non-Fibrous
15-12-00866-002	1-2		Black Tar-Like; Gray Granular; Inhomogeneous	NAD	14% Fibrous Glass 86% Non-Fibrous
15-12-00866-003	2-1		Gray Brittle; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-004	2-2		Gray Brittle; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-005	3-1		Tan Granular; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00866

Project/Test Address: MSCB.003-1029-1031 W. 2nd Street

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00866-006	3-2		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-007	3-3		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-008	3-4		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-009	3-5		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-010	3-6		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-011	3-7		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-012	4-1		Brown Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-013	4-2		Brown Granular; Homogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00866

Project/Test Address: MSCB.003-1029-1031 W. 2nd Street

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00866-014	4-3		Brown Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-015	4-4		Brown Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-016	4-5		Brown Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-017	4-6		Brown Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-018	4-7		Brown Granular; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-019	5-1		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-020	5-2		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-021	5-3		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195
Project/Test Address: MSCB.003-1029-1031 W. 2nd Street

Report Number: 15-12-00866

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00866-022	5-4		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-023	5-5		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-024	6-1		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-025	6-2		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-026	6-3		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-027	6-4		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-028	6-5		White Granular; White/Yellow Paint; Inhomogeneous	NAD	100% Non-Fibrous

Environmental Hazards Services, L.L.C

Client Number: 36-6195
Project/Test Address: MSCB.003-1029-1031 W. 2nd Street

Report Number: 15-12-00866

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00866-029	7-1		Gray Powder; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
15-12-00866-030	7-2		Gray Powder; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
15-12-00866-031	8-1		White Granular; Blue Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-032	8-2		White Granular; Blue Paint; Inhomogeneous	NAD	100% Non-Fibrous
15-12-00866-033	9-1		Tan Fibrous; Homogeneous	55% Chrysotile	38% Cellulose 7% Non-Fibrous
				Total Asbestos: 55%	
15-12-00866-034	10-1		Gray Powder; Gray Fibrous; Homogeneous	42% Chrysotile	58% Non-Fibrous
				Total Asbestos: 42%	
15-12-00866-035	11-1		Tan Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-036	11-2		Tan Vinyl; Homogeneous	NAD	100% Non-Fibrous
15-12-00866-037	12-1		Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous

Environmental Hazards Services, L.L.C

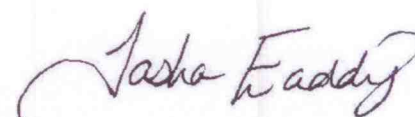
Client Number: 36-6195
Project/Test Address: MSCB.003-1029-1031 W. 2nd Street

Report Number: 15-12-00866

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
15-12-00866-038	12-2		Yellow Adhesive; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous

QC Sample: 78-M12012-1
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:



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

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

Client Number: 36-6195

Report Number: 15-12-00866

Received Date: 12/08/2015

Analyzed Date: 12/09/2015

Reported Date: 12/11/2015

Project/Test Address: MSCB.003-1029-1031 W. 2nd Street

Analyst(s)

A handwritten signature in dark ink, appearing to read "Christian H. Schaible". The signature is written in a cursive, flowing style.

Christian H. Schaible

38 PLM



Asbestos Chain-of-Custody

15-12-00866



Due Date:
12/11/2015
(Friday)
AEM Inv

[Signature]

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

Company Name: Sierra Environmental Group, Inc.
Phone: (513) 542-5323 Fax: (513) 542-6653

Project Name / Testing Address: M513 003 - 1029-1031 W. 2nd Street E-mail: _____

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

City/State (Required): _____
Purchase Order Number: _____

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

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/Gravimetric (Bulk)	TEM/AHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	1.1	12.4.15	X											Stop 0.1st + (SAP) SAP SAP
2	1.2													
3	1.1													
4	1.2													
5	3.1													
6	3.2													
7	3.3													
8	3.4													
9	3.5													
10	3.6													
Released by: <u>Chris Kustner</u>			Signature: <u>[Signature]</u>											
Received by: <u>TS Bine</u>			Signature: <u>[Signature]</u>											
			Date/Time: <u>12.4.15</u>											
			Date/Time: <u>12/8/15</u>											



Environmental Hazards Services, LLC
www.leadlab.com 7489 Whitepine Rd
(800)347-4010 Richmond, VA
(804)275-4907 (fax) 23237

Asbestos Chain-of-Custody

866
~ 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: _____
Project Name / Testing Address: MSLB-003-Sama City/State (Required): _____
Collected by: Chris Kustner Purchase Order Number: _____
Acct. Number: 36-6195

Turn Around Times: X 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	3.7	12.4.15	X											
2	4.1													
3	4.2													
4	4.3													
5	4.4													
6	4.5													
7	4.6													
8	4.7													
9	5.1													
10	5.2													
Released by: <u>Chris Kustner</u>			Signature: <u>[Signature]</u>											
Received by: <u>TSone</u>			Signature: <u>[Signature]</u>											
			Date/Time: <u>12.4.15</u>											
			Date/Time: <u>12/8/15</u>											



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

Asbestos Chain-of-Custody

8060
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Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street
Phone: (513) 542-5323 Fax: (513) 542-6653
Project Name / Testing Address: MSLB-003-Song E-mail: _____
Collected by: Chris Kuthner 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 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 Clarified (Bulk)	TEM AHERA (Air)	Time On	Time Off			Flow Rate (L/min)
1	513	12-4-15	X											
2	514													
3	515													
4	61													
5	61													
6	613													
7	614													
8	615													
9	71													
10	712													
Released by: <u>Chris Kuthner</u>			Signature: <u>[Signature]</u>			Signature: <u>[Signature]</u>			Date/Time: <u>12/4/15/3</u>			Date/Time: <u>12/8/15</u>		
Received by: <u>STONE</u>			Signature: <u>[Signature]</u>			Signature: <u>[Signature]</u>			Date/Time: <u>12/8/15</u>			Date/Time: <u>12/8/15</u>		



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

Asbestos Chain-of-Custody

8666
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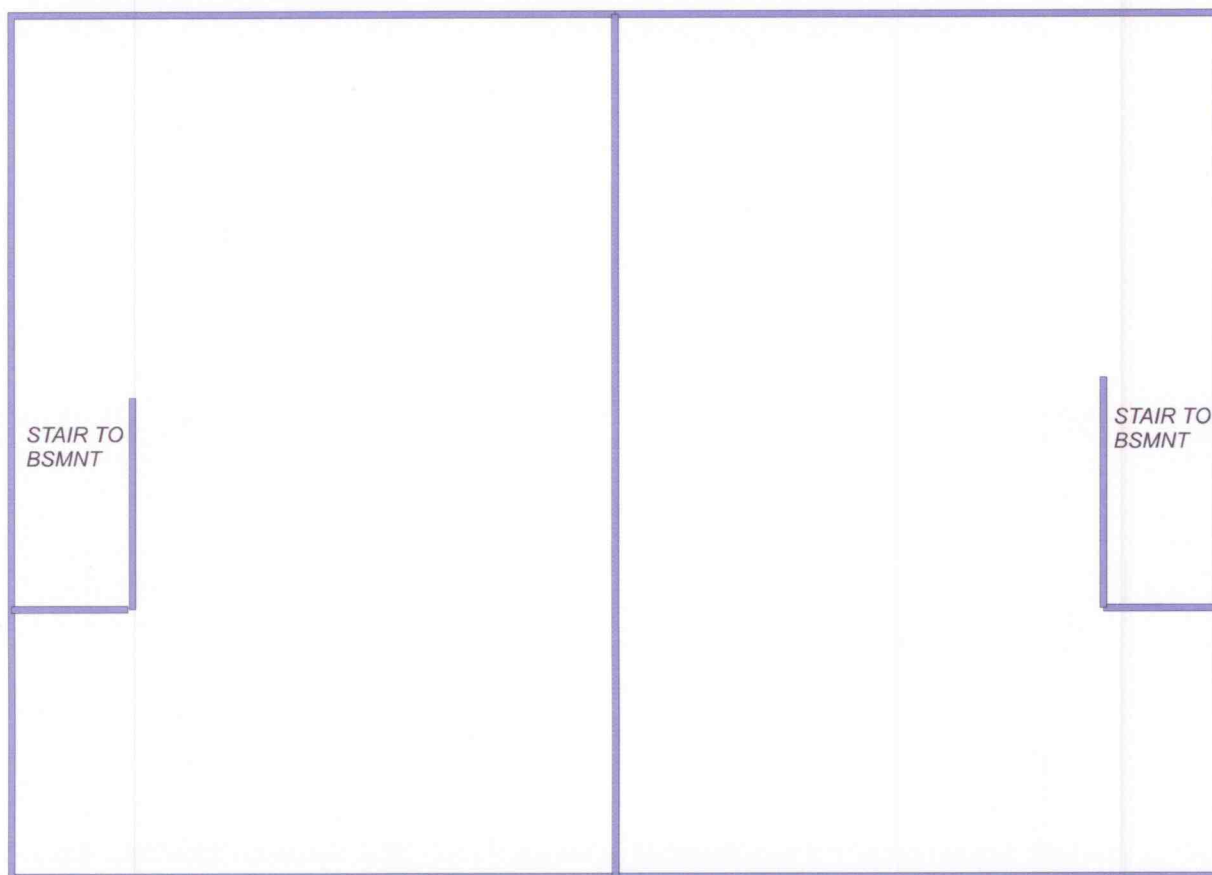
Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street
City/State/Zip: Cincinnati, Ohio 45214
Phone: (513) 542-5323 Fax: (513) 542-6633
Project Name / Testing Address: MCLB. 003. Same
City/State (Required):
Collected by: Chris Kustner Purchase Order Number:
Acct Number: 36-6195

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)

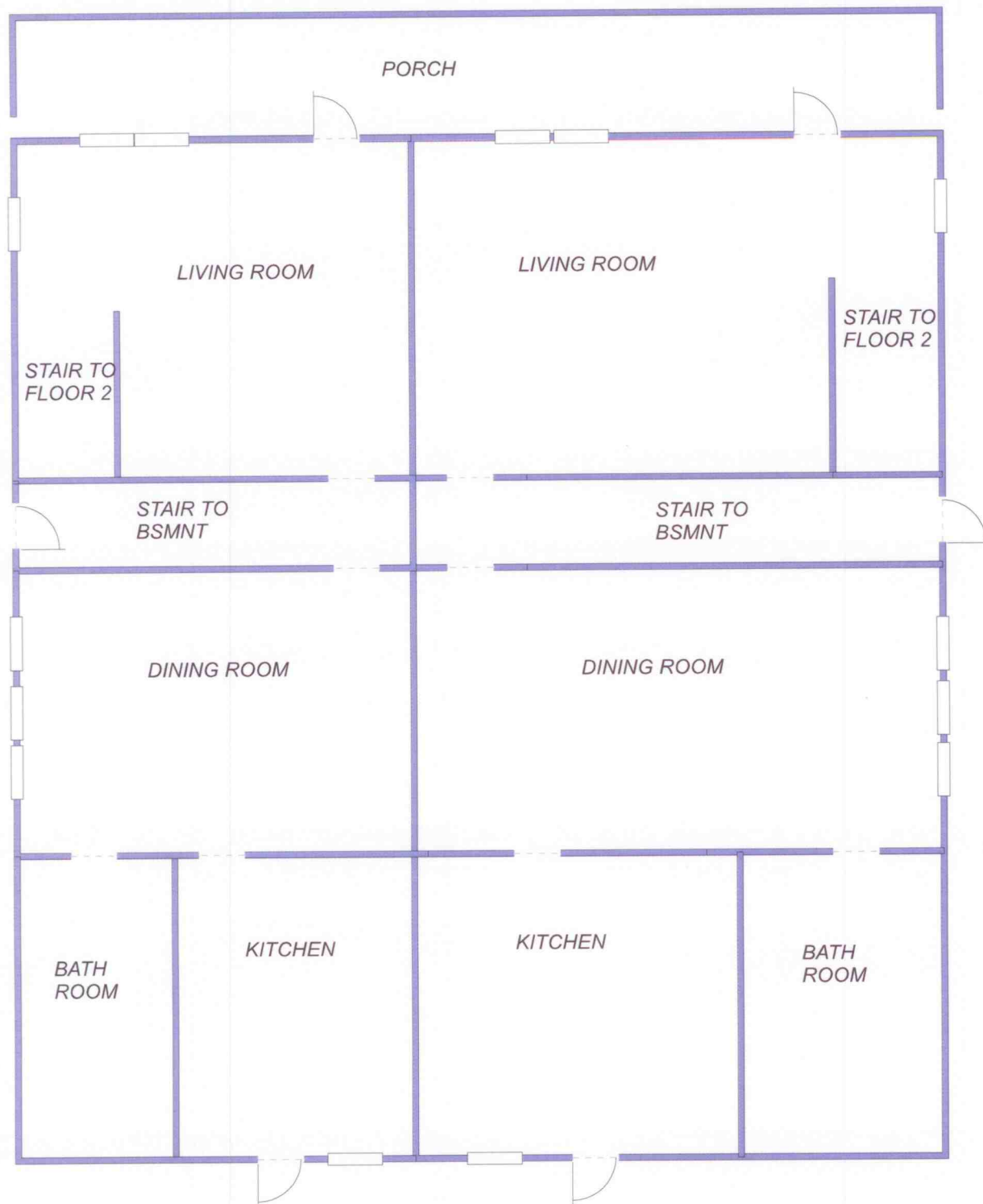
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			PLM	PLM Point Count 400	PLM Point Count 1000	PLM NY Protocol	PCM	TEM Certified (Bulk)	TEM AHERA (Air)	Time On	Time Off		
1	8.1	12.4.15	X										SAP
2	8.2												
3	9.1												
4	10.1												
5	11.1												
6	11.2												
7	12.1												SAP
8	12.2												SAP
9													
10													

Released by: Chris Kustner Signature: [Signature] Date/Time: 12.4.15
Received by: [Signature] Date/Time: 12.8.15

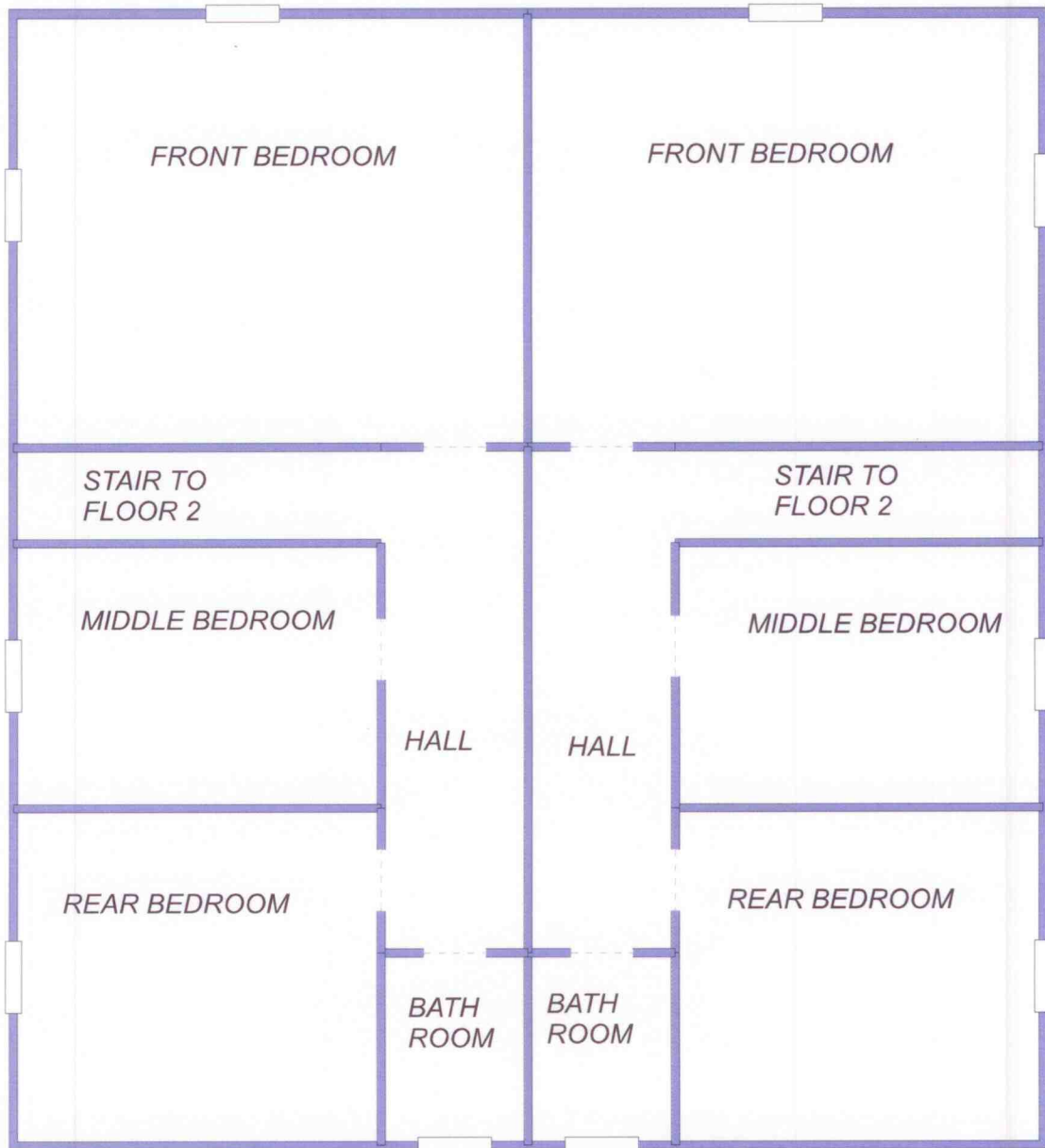
1029 - 1031 WEST SECOND STREET
BASEMENT



1029 - 1031 WEST SECOND STREET
FIRST FLOOR



1029 - 1031 WEST SECOND STREET
SECOND FLOOR

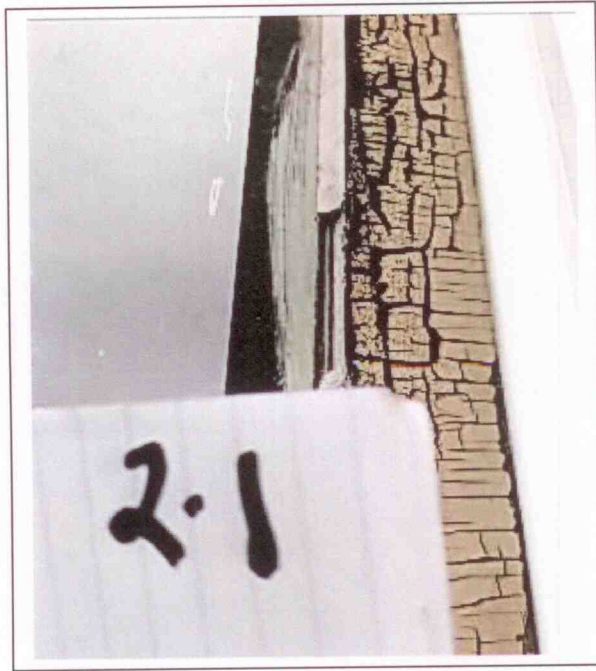




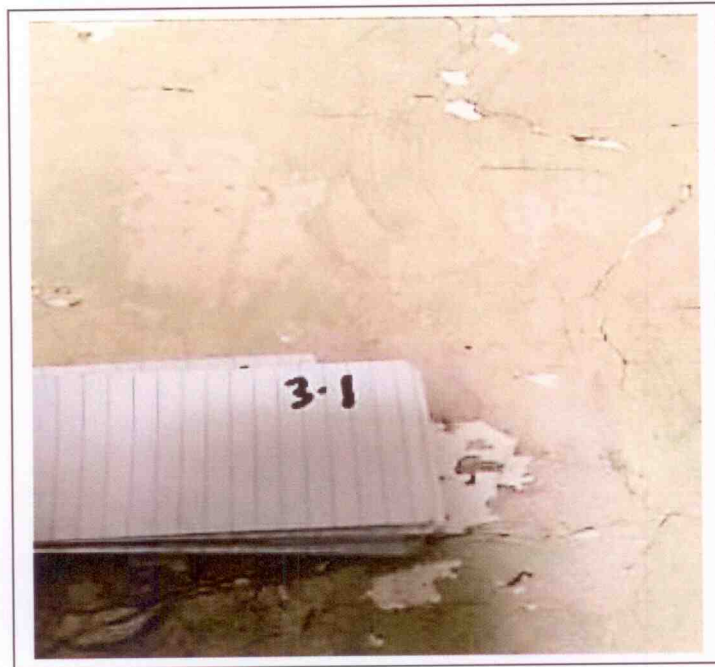
1029 - 1031 West Second Street



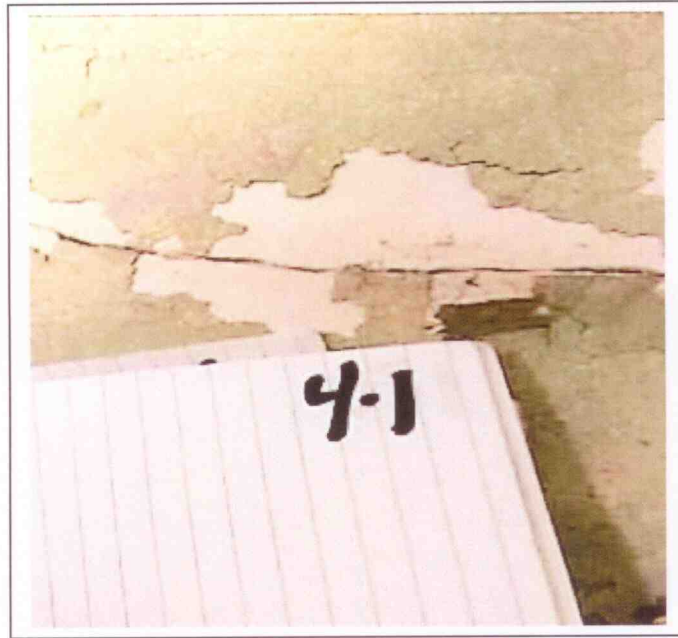
Asphalt roof shingle



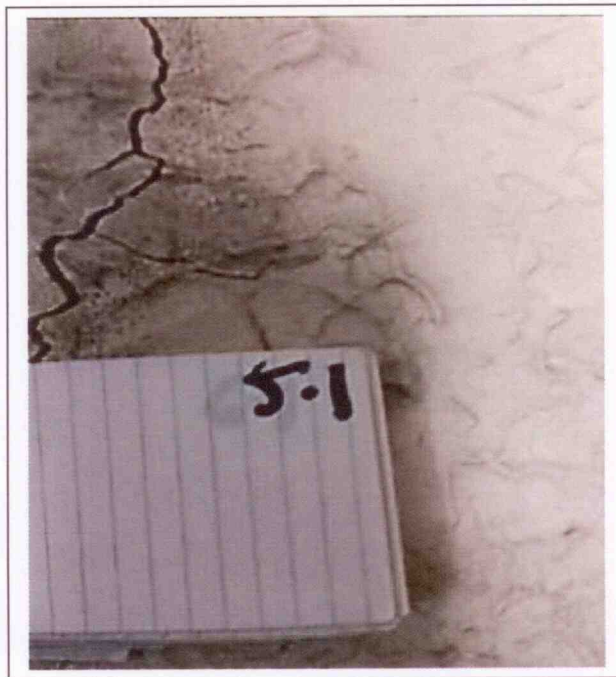
Window glaze



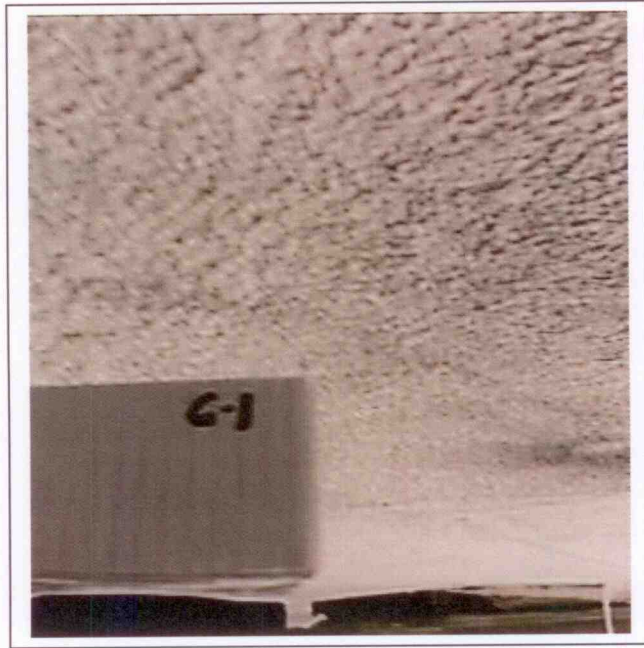
Hard wall and ceiling plaster



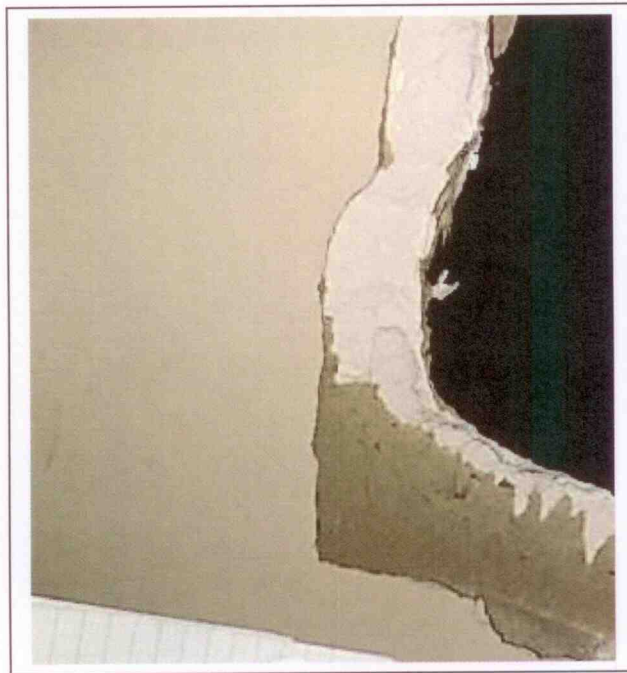
Hard wall and ceiling plaster



Wall texture, rough



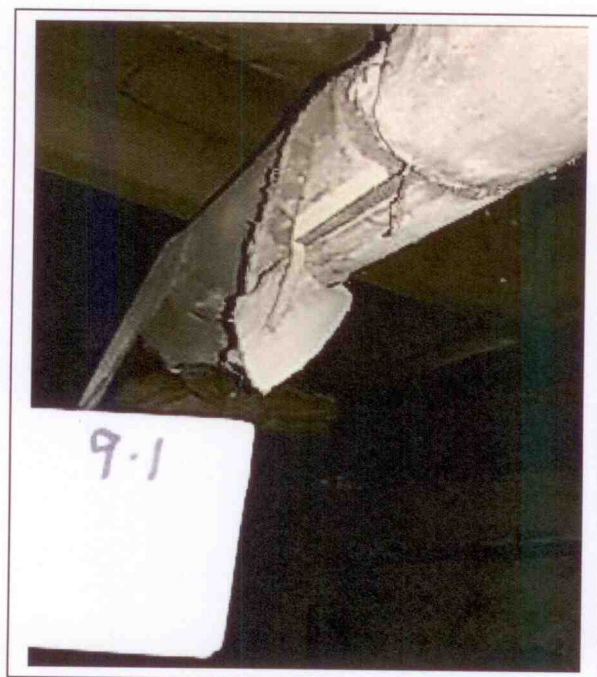
Ceiling texture, fine



Drywall



Joint compound



Aircell-paper pipe insulation



Heat shield



12" Tan floor tile



Brown mastic associated with 12" tan floor tile

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

 **Certification Number** **FS33689** **Expiration Date** **10/14/2016**

Date: 11/17/1956