



July 31, 2018

Granger, Thagard & Associates, Inc.
1806 Oxmoor Rd
Birmingham, Alabama 35209

ATTENTION: Jack Granger

SUBJECT: Asbestos Containing Materials Survey
1101 Richard Arrington Junior Boulevard South
Birmingham, Alabama
Spectrum Project Number 1141-008-01

Dear Mr. Granger,

Per your request, Spectrum Environmental, Inc. (Spectrum) conducted a survey of suspect asbestos containing materials (ACM) to determine if suspect ACM were present at the above referenced location prior to demolition.

Scope of Work

Spectrum implemented the following general Scope of Work at the subject site.

- A visual observation of the above referenced site was conducted to identify suspect Asbestos-Containing Building Materials (ACBM)/ACM construction materials;
- Samples of suspect ACBM/ACM-Surfacing (S), Thermal System Insulation (TSI) and Miscellaneous (M) construction materials were collected and prepared for shipment to an accredited laboratory; and
- Samples submitted to the laboratory were analyzed for the presence and percent composition of asbestos compounds.

Following receipt of the laboratory analytical reports, Spectrum personnel reviewed the data and prepared the report below.

Description of Field Work

On July 17, 2018, Spectrum personnel (Mr. Jake Epperson – Alabama SafeState Inspector Certification Number AIN1217677786) conducted a visual survey of the above referenced property with the intent of identifying suspect ACM, if present. Maps depicting the location of the property is provided in Appendix A. A copy of Mr. Epperson’s credentials is attached

www.specenviro.com

Corporate Office
Alabaster, AL
(205) 664-2000

Coastal Office
Mobile, AL
(251) 923-4352

Mid-South Office
Nashville, TN
(205) 913-0715

Southeast Office
Atlanta, GA
(205) 612-9298

LIMITED ASBESTOS CONTAINING MATERIAL INSPECTION

1101 RICHARD ARRINGTON JUNIOR BLVD S, BIRMINGHAM, ALABAMA

PROJECT NO. 1141-008-01

as Appendix B. The target property was currently occupied by Insurance & Investment Consultants, Inc. Suspect ACBM/ACM was physically handled to determine friability and, where applicable, bulk samples were obtained for analysis. The inspection resulted in the collection of 41 samples of suspect ACBM, representative of eighteen (18) homogenous areas.

Collected samples were prepared in the field and shipped to EMSL Analytical, Inc. in Smyrna, Georgia, (a NVLAP accredited laboratory) for analysis. Submitted samples were analyzed utilizing Polarized Light Microscopy with Dispersion Staining (PLM/DS) via EPA Methods. The laboratory was instructed to conduct a positive stop analysis for each of the homogenous areas. The PLM results are attached to this report. Although 41 individual samples were collected, certain of these samples contained multiple layers. Therefore, a total of 53 separate materials were analyzed in the laboratory. A copy of the laboratory report and chain of custody is provided as Appendix C.

Results and Conclusions

Sample results for the inspected units and common spaces are as follows.

Homogenous Area	Material Description	% ACM	Friable/Non-Friable
1	Brown Multi-Colored Carpet and Associated Black Mastic	3% Chrysotile	Friable
2	2 nd Layer Floor, 9X9 Black Floor Tile with Associated White Mastic on Bottom, Yellow Mastic on Top	4% Chrysotile	Non-Friable
3	Drop-In Ceiling Tile with Hole Punches, 9X9, White	None Detected	Friable
4	Brown Blown-In Ceiling Insulation	None Detected	Friable
5	Drop-In Ceiling Tile, White with Worm Like Design, Rectangular	None Detected	Friable
6	Drywall with Green/Yellow Wallpaper, Wooden-Like Wallpaper, and Wallboard	None Detected	Friable
7	Wall Plaster, White-Gray	None Detected	Friable
8	Light Brown A/C Duct Insulation	None Detected	Friable
9	Floor Tile, 12X12, Tan with Speckles and Associated Black Mastic	5% Chrysotile	Non-Friable
10	Porcelain Floor Tile, Teal with Specks	None Detected	Non-Friable
11	Aqua Wall Tile	None Detected	Non-Friable
12	Solid White Drop-In Ceiling Tile	None Detected	Friable
13	White/Gray Multi-Colored Carpet with Associated Mastic	None Detected	Friable
14	Gray Interior Window Caulk	None Detected	Non-Friable
15	Black Exterior Window Caulk – on Barred Windows	2% Chrysotile	Non-Friable
16	Black Exterior Caulk – on Large Picture Windows	None Detected	Non-Friable
17	White Exterior Caulking – Around Granite	2% Chrysotile	Non-Friable
18	White Exterior Calking – Around Columns	None Detected	Non-Friable

**Notes: Highlighted cells are positive for Asbestos;*

Materials that are NOT listed in this report have NOT been tested for the presence of asbestos. If other suspect ACMs not described herein are encountered, work should be stopped until the materials are evaluated and tested.

Randomly distributed samples were collected when collecting Surfacing and Thermal Systems Insulation.

Recommendations

Spectrum recommends that if the disturbance of asbestos through renovation, demolition, and/or substantial maintenance activities is to occur, abatement of identified asbestos should be done prior to such activities. All work should be contracted to individuals and/or companies who hold current, appropriate training credentials authorizing them to undertake the planned activities.

If the facility is not to undergo renovation or demolition, and is to remain occupied, Spectrum recommends the implementation of an Operation and Maintenance Plan (for the management of asbestos in place) to protect all occupants and maintenance/service workers from the potential releases of asbestos. This plan should remain in effect until such time the asbestos containing material is abated.

Suspect materials not previously identified as sampled in this report may be encountered during any demolition, renovation and/or maintenance activities. If encountered all work in the immediate area shall cease. These materials should be assumed asbestos containing material until sample collection and subsequent analysis prove otherwise.

We appreciate the opportunity to assist you on this project. Should you have any questions or comments, please contact Jake Epperson at 251-923-4352 or via email at jepperson@specenviro.com.

Sincerely,
SPECTRUM ENVIRONMENTAL, INC.

Jake Epperson

Jake Epperson
Coastal Division Manager/Geologist
Alabama Accreditation Number AIN1217677786

Theresa Woehner

Theresa Woehner
Staff Geologist



APPENDIX A
FIGURES



Image courtesy of Google Earth Pro.

NO.	DATE	REVISION NOTE	BY

Drawn By:	Client #:
DW	1141
Checked By:	Date:
TW	7/30/18
Project Mgr.:	Project #:
JE	1141-008-01

85 Spectrum Cove
 Alabaster, AL 35007
 O - 205-664-2000
 F-205-664-2142

TITLE
<p>Figure 1 Site Location Map ACM 1101 Richard Arrington Jr Blvd. South Birmingham, Jefferson County, Alabama</p>

APPENDIX B
INSPECTOR CREDENTIALS

THE UNIVERSITY OF ALABAMA®

UA SafeState

has examined the documentation of asbestos training and qualifications of the person named below and confers this

Certificate of Accreditation

For the Asbestos Contractor Discipline

INSPECTOR

Jacob Epperson

Alabama Accreditation Number
AIN 121767786

Certificate Expiration Date
December 13, 2018

This certificate has been issued pursuant to the authority granted to The University of Alabama SafeState Program by the Alabama Asbestos Contractor Accreditation Act, Alabama Act No. 89-517, May, 1989 and Alabama Act No. 97-626, May, 1997.


Executive Director


Associate Director for Environmental Programs

The Environmental Institute

Jacob Epperson

Social Security Number - XXX-XX-3242

Spectrum Environmental - 85 Spectrum Cove - Alabaster, Alabama 35007

*Has completed coursework and satisfactorily passed
an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Accreditation*

Asbestos in Buildings: Inspection and Assessment

December 11-13, 2017

Course Date

5027

Certificate Number

December 13, 2017

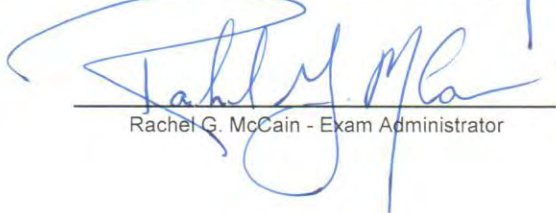
Examination Date

December 12, 2018

Expiration Date



David W. Hogue - Principal Instructor / Training Manager



Rachel G. McCain - Exam Administrator



(Approved by the ABIH Certification Maintenance Committee for 3 CM points - Approval #11-529)

(Florida Provider Registration Number FL49-0001342 - Course #FL49-0004700)

TEI - 1841 West Oak Parkway, Suite F - Marietta, Georgia 30062 - (770) 427-3600 - www.tei-atl.com

APPENDIX C
LABORATORY ANALYTICAL REPORT



EMSL Analytical, Inc.

2205 Corporate Plaza Parkway SE, Suite 200 Smyrna, GA 30080

Tel/Fax: (770) 956-9150 / (770) 956-9181

<http://www.EMSL.com> / atlantalab@emsl.com

EMSL Order: 071804767

Customer ID: SPEN63

Customer PO: 12073

Project ID:

Attention: Jake Epperson
Spectrum Environmental, Inc.
85 Spectrum Cove
Alabaster, AL 35007

Phone: (251) 923-4352

Fax: (205) 664-2142

Received Date: 07/18/2018 11:00 AM

Analysis Date: 07/23/2018

Collected Date: 07/17/2018

Project: 1141-008

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA1-1-Carpet <small>071804767-0001</small>	Brown Multi- Colored Carpet W/ Black Mastic	Various Fibrous Homogeneous	80% Synthetic HA: HA1	20% Non-fibrous (Other)	None Detected
HA1-1-Mastic <small>071804767-0001A</small>	Brown Multi- Colored Carpet W/ Black Mastic	Black Non-Fibrous Homogeneous	HA: HA1	97% Non-fibrous (Other)	3% Chrysotile
HA1-2-Carpet <small>071804767-0002</small>	Brown Multi- Colored Carpet W/ Black Mastic	Various Fibrous Homogeneous	80% Synthetic HA: HA1	20% Non-fibrous (Other)	None Detected
HA1-2-Mastic <small>071804767-0002A</small>	Brown Multi- Colored Carpet W/ Black Mastic		HA: HA1		Positive Stop (Not Analyzed)
HA2-1-Floor Tile <small>071804767-0003</small>	2nd Layer Floor, 9x9 Black Floor Tile W/ White Mastic On Bottom Yellow Mastic On Top	Black Non-Fibrous Homogeneous	HA: HA2	96% Non-fibrous (Other)	4% Chrysotile
HA2-1-Mastic 1 <small>071804767-0003A</small>	2nd Layer Floor, 9x9 Black Floor Tile W/ White Mastic On Bottom Yellow Mastic On Top	Yellow Non-Fibrous Homogeneous	HA: HA2	100% Non-fibrous (Other)	None Detected
HA2-1-Mastic 2 <small>071804767-0003B</small>	2nd Layer Floor, 9x9 Black Floor Tile W/ White Mastic On Bottom Yellow Mastic On Top		HA: HA2		Insufficient Material
HA2-2-Floor Tile <small>071804767-0004</small>	2nd Layer Floor, 9x9 Black Floor Tile W/ White Mastic On Bottom Yellow Mastic On Top		HA: HA2		Positive Stop (Not Analyzed)
HA2-2-Mastic 1 <small>071804767-0004A</small>	2nd Layer Floor, 9x9 Black Floor Tile W/ White Mastic On Bottom Yellow Mastic On Top	Yellow Non-Fibrous Homogeneous	HA: HA2	100% Non-fibrous (Other)	None Detected
HA2-2-Mastic 2 <small>071804767-0004B</small>	2nd Layer Floor, 9x9 Black Floor Tile W/ White Mastic On Bottom Yellow Mastic On Top		HA: HA2		Insufficient Material

Initial report from: 07/24/2018 11:04:14



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EMSL Order: 071804767
Customer ID: SPEN63
Customer PO: 12073
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA: HA2					
HA3-1 071804767-0005	12x12 Drop- In Ceiling Tile W/ Hole Punches, White	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
HA: HA3					
HA3-2 071804767-0006	12x12 Drop- In Ceiling Tile W/ Hole Punches, White	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
HA: HA3					
HA4-1 071804767-0007	Brown Blown- In Ceiling Insulation	Brown Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
HA: HA4					
HA4-2 071804767-0008	Brown Blown- In Ceiling Insulation	Brown Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
HA: HA4					
HA5-1 071804767-0009	White Rectangle Drop- In Ceiling Tile With Worm Like Design	Gray Fibrous Homogeneous	60% Cellulose 10% Min. Wool	30% Non-fibrous (Other)	None Detected
HA: HA5					
HA5-2 071804767-0010	White Rectangle Drop- In Ceiling Tile With Worm Like Design	Gray Fibrous Homogeneous	60% Cellulose 10% Min. Wool	30% Non-fibrous (Other)	None Detected
HA: HA5					
HA6-1-Wallpaper 071804767-0011	Drywall With Green/ Yellow Wallpaper	Green Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
HA: HA6					
HA6-1-Drywall 071804767-0011A	Drywall With Green/ Yellow Wallpaper	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA6					
HA6-2-Wallboard 071804767-0012	Drywall With Wooden Wallpaper	Beige Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
HA: HA6					
HA6-2-Drywall 071804767-0012A	Drywall With Wooden Wallpaper	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA6					
HA7-1-Skim Coat 071804767-0013	Wall Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-1-Base Coat 071804767-0013A	Wall Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-2-Skim Coat 071804767-0014	Wall Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-2-Base Coat 071804767-0014A	Wall Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/24/2018 11:04:14



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EMSL Order: 071804767
Customer ID: SPEN63
Customer PO: 12073
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA: HA7					
HA7-3 071804767-0015	Wall Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-4-Skim Coat 071804767-0016	Wall Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-4-Base Coat 071804767-0016A	Wall Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-5-Skim Coat 071804767-0017	Wall Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-5-Base Coat 071804767-0017A	Wall Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-6-Skim Coat 071804767-0018	Wall Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-6-Base Coat 071804767-0018A	Wall Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-7-Skim Coat 071804767-0019	Wall Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA7-7-Base Coat 071804767-0019A	Wall Plaster	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
HA: HA7					
HA8-1 071804767-0020	Lt. Brown A/C Duct Insulation	Brown Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
HA: HA8					
HA8-2 071804767-0021	Lt. Brown A/C Duct Insulation	Brown Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
HA: HA8					
HA9-1-Floor Tile 071804767-0022	12x12 Floor Tile, Tan With Speckles W/ Black Mastic	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
HA: HA9					
HA9-1-Mastic 071804767-0022A	12x12 Floor Tile, Tan With Speckles W/ Black Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
HA: HA9					
HA9-2 071804767-0023	12x12 Floor Tile, Tan With Speckles W/ Black Mastic				Positive Stop (Not Analyzed)
HA: HA9					

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EMSL Order: 071804767

Customer ID: SPEN63

Customer PO: 12073

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA10-1-Tile 071804767-0024	Porcelain Floor Tile, Teal With Specks	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA10		
HA10-1-Grout 071804767-0024A	Porcelain Floor Tile, Teal With Specks	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA10		
HA10-2-Tile 071804767-0025	Porcelain Floor Tile, Teal With Specks	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA10		
HA10-2-Grout 071804767-0025A	Porcelain Floor Tile, Teal With Specks	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA10		
HA11-1 071804767-0026	Aqua Wall Tile	White/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA11		
HA11-2 071804767-0027	Aqua Wall Tile	White/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA11		
HA12-1 071804767-0028	Solid White Drop- In Ceiling Tile	Gray Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
			HA: HA12		
HA12-2 071804767-0029	Solid White Drop- In Ceiling Tile	Gray Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
			HA: HA12		
HA13-1-Carpet 071804767-0030	White/ Gray Multi- Colored Carpet W/ Mastic	Gray Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
			HA: HA13		
HA13-1-Mastic 071804767-0030A	White/ Gray Multi- Colored Carpet W/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA13		
HA13-2-Carpet 071804767-0031	White/ Gray Multi- Colored Carpet W/ Mastic	Gray Fibrous Homogeneous	80% Synthetic	20% Non-fibrous (Other)	None Detected
			HA: HA13		
HA13-2-Mastic 071804767-0031A	White/ Gray Multi- Colored Carpet W/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA13		
HA14-1 071804767-0032	Gray Interior Window Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA14		
HA14-2 071804767-0033	Gray Interior Window Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA14		

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EMSL Order: 071804767
Customer ID: SPEN63
Customer PO: 12073
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA15-1 <small>071804767-0034</small>	Black Exterior Window Caulk (Barred Windows)	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
			HA: HA15		
HA15-2 <small>071804767-0035</small>	Black Exterior Window Caulk (Barred Windows)				Positive Stop (Not Analyzed)
			HA: HA15		
HA16-1 <small>071804767-0036</small>	Large Windows Black Exterior Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA16		
HA16-2 <small>071804767-0037</small>	Large Windows Black Exterior Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA16		
HA17-1 <small>071804767-0038</small>	White Exterior Caulking (Around Granite)	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
			HA: HA17		
HA17-2 <small>071804767-0039</small>	White Exterior Caulking (Around Granite)				Positive Stop (Not Analyzed)
			HA: HA17		
HA18-2 <small>071804767-0040</small>	White Exterior Caulking (Around Columns)	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA18		
HA18-2 <small>071804767-0041</small>	White Exterior Caulking (Around Columns)	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
			HA: HA18		

Analyst(s) _____
 Voledah Richardson (53)

Amber Baynes

 Amber Baynes, Asbestos Lab Supervisor
 or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc Smyrna, GA NVLAP Lab Code 101048-1

Initial report from: 07/24/2018 11:04:14



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

071804767

EMSL ANALYTICAL, INC.
2205 CORPORATE PLAZA PKWY
SUITE 200
SMYRNA, GA 30080
PHONE (770) 956-9150
FAX: (770) 956-9181

Company: <i>Spectrum Environmental</i>		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <i>22678 Hwy 59</i>		Third Party Billing requires written authorization from third party	
City: <i>Robertsdale</i>	State/Province: <i>AL</i>	Zip/Postal Code: <i>35007</i>	Country:
Report To (Name): <i>Jake Epperson</i>		Fax #:	
Telephone #: <i>205-807-0294</i>		Email Address: <i>jepperson@spectrumenv.com</i>	
Project Name/Number: <i>1141-008</i>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order: <i>12073</i>	U.S. State Samples Taken: <i>AL</i>

Turnaround Time (TAT) Options* - Please Check

3 Hours 6 Hours 24 Hrs 48 Hrs 3 Days 4 Days 5 Days 10 Days

*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198 4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0 1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative)
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Check For Positive Stop - Clearly Identify Homogenous Group

Samplers Name: *Jake Epperson* Samplers Signature: *Jake Epperson*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HA1-1	Brown multi-colored carpet w/ Black mastic	HA1	7/17
HA1-2	↓	↓	↓
HA2-1	2nd Layer floor, 9x9 Black floor tile w/ white mastic on bottom yellow mastic on top	HA2	↓
HA2-2	↓	↓	↓
HA3-1	12 X12 drop in ceiling tile w/ hole punches, white	HA3	↓
HA3-2	↓	↓	↓
HA4-1	Brown blown-in ceiling insulation	HA4	↓
HA4-2	↓	↓	↓

Client Sample # (s): - Total # of Samples: *42*

Relinquished (Client): *Jake Epperson* Date: *7/17* Time: *4:30 pm*

Received (Lab): *CIC* Date: *7-18-18* Time: *11:00 UPS*

Comments/Special Instructions:



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only).

EMSL ANALYTICAL, INC
2205 CORPORATE PLAZA
PKWY
SUITE 200
SMYRNA GA 30080
PHONE: (770) 956-9150
FAX: (770) 956-9181

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HA5-1	white rectangle drop in ceiling tile with worm like design	HA5	7/17
HA5-2	↓	↓	
HA6-1	dry wall with green/yellow wallpaper	HA6	
HA6-2	dry wall with wooden wall paper	↓	
HA7-1	wall plaster	HA7	
HA7-2	↓	↓	
HA7-3			
HA7-4			
HA7-5			
HA7-6			
HA7-7	↓	↓	
HA8-1	lt. Brown A/C duct insulation	HA8	
HA8-2	↓	↓	
HA9-1	12X12 floor tile, tan with speckles, w/ ^{Black} mastic	HA9	
HA9-2	↓	↓	
HA10-1	Porcelain floor tile, teal with specks	HA10	↓

*Comments/Special Instructions:



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Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HA10-2	Porcelain floor tile, teal with specks	HA10	7/17
HA11-2	green wall tile	HA11	
HA11-2	↓	↓	
HA12-2	solid white drop in ceiling tile	HA12	
HA12-2	↓	↓	
HA13-2	white/gray multi-colored carpet w/ waste	HA13	
HA13-2	↓	↓	
HA14-2	gray interior window calls	HA14	
HA14-2	↓	↓	
HA15-2	Black exterior window calls (Barred windows)	HA15	
HA15-2	↓	↓	
HA16-2	Large window's Black exterior calls	HA16	
HA16-2	↓	↓	
HA17-1	white exterior caulking (around granite)	HA17	
HA17-2	↓	↓	
HA18-2	white exterior caulking (around columns)	HA18	
*Comments/Special Instructions:			

