



7 Winchester Court  
Mauldin, SC 29662  
864-404-3210 Phone  
864-404-3213 Fax

802 E. Martintown Rd.  
Suite 208  
N. Augusta, SC 29841  
803-440-2790 Phone

[www.apex-ehs.com](http://www.apex-ehs.com)

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**Apex Project Number 1123-202**

December 19, 2023

Ms. Cindy Herrera  
Columbia Housing Authority  
1917 Harden Street  
Spartanburg, South Carolina 29204

Reference: Asbestos Containing Materials Assessment  
Columbia Apartments  
2131 Slighs Avenue  
Columbia, South Carolina

Dear Ms. Herrera:

Apex Environmental Management, Inc. (Apex) has completed an asbestos assessment at the above-referenced property slated for demolition. Included in this report are a summary of our field activities and the results obtained. The objectives of the survey included the following:

- Identification of suspect asbestos-containing material (ACM) in readily observable locations. Limited demolition of building materials was conducted during the assessment.
- Asbestos assessment with sample collection by South Carolina Department of Health and Environmental Control (SC DHEC) licensed asbestos building inspector.
- Suspect ACM analysis by polarized light microscopy (PLM) utilizing EMSL Analytical, a NVLAP certified laboratory, their accreditation number is 200841-0.
- Transmission electron microscopy (TEM) analysis of non-friable organically bound materials suspected to contain asbestos and testing negatively by PLM analysis utilizing EMSL Analytical Inc. (EMSL).

**Procedure/Methodology**

Apex was requested to perform an asbestos assessment of the Columbia Apartments to identify asbestos-containing materials (ACM) which could be disturbed prior to or during scheduled demolition activities. The National Emission Standard for Hazardous Air Pollutants (NESHAP) requires the identification of friable ACM and non-friable ACM likely to become friable during demolition and/or renovation activities. NESHAP requires that the identified ACM be removed prior to initiating activities likely to disturb the ACM.

As per SC DHEC asbestos regulations, bulk asbestos samples were collected from random locations of homogeneous areas based upon the following criteria:

- Thermal Insulation Materials (piping, breeching, boiler insulation, etc.) – A minimum of three (3) samples are required. Only patch areas (less than 6 square or linear feet) may have one (1) sample collected.
- Surfacing Materials (plaster, fireproofing, sheetrock and joint compound, etc.) – A minimum of seven (7) samples are to be taken for areas greater than 5,000 square feet; five (5) for areas greater than 1,000 square feet, but less than 5,000 square feet; three (3) for areas less than 1,000 square feet.
- Miscellaneous Materials (flooring, adhesives, roofing, floor tiles, etc.) – A minimum of three (3) samples are required.
  - If samples of non-friable organically bound (NOB) materials were collected and reported by the laboratory to contain less than 1% asbestos by PLM, these materials were re-analyzed in accordance with SCDHEC requirements for NOB's by transmission electron microscopy (TEM).

The asbestos survey was performed by Mr. Ted Shultz (SC DHEC asbestos inspector license # BI-00971, exp. 02/16/2024) on November 14, 2023. The survey consisted of observing the accessible areas for the presence of suspect materials which may contain asbestos. The survey involved detecting both friable materials (materials which can be crumbled, pulverized or reduced to a powder by hand pressure when dry) and non-friable materials (materials which pose a hazard when sawn, sanded, drilled or pulverized). Homogeneous materials (based on material type, color, texture, etc.) were identified in various functional spaces during the survey.

In order to determine if the suspect materials observed during the visual survey contained asbestos, representative bulk samples were collected and placed in sealed packages. One hundred eighty-seven (187) bulk samples were collected during the survey and submitted to EMSL Analytical in Pineville, North Carolina for analysis using the EPA recommended method of Polarized Light Microscopy (PLM) coupled with dispersion staining (Method No. EPA 600/M4-82-020, Dec. 1982). EMSL participates in the National Voluntary Laboratory Accreditation Program (NVLAP). Their NVLAP accreditation number is 200841-0. Due to EPA regulations, samples are split into homogeneous layers and each layer is analyzed separately. Four hundred thirteen (413) samples were analyzed due to layering by PLM and positive stop methods.

In accordance with South Carolina Regulation 61-86.1, non-friable organically bound materials that are reported to be non-asbestos containing by PLM analysis must also be analyzed by Transmission Electron Microscopy (TEM). Sixty-one (61) samples were analyzed using TEM.

## **Results**

The EPA defines an asbestos-containing material (ACM) as a material containing greater than 1% asbestos. OSHA defines ACM as a material containing detectable amounts of asbestos. A specific *PLM* and *TEM Data Table* is located in Appendix I of this report and identifies positive materials and designates approximate quantities.

No asbestos containing materials were identified during this assessment.

**Recommendations and Discussion**

No asbestos containing material were identified, therefore no recommendations are provided at this time.

This report summarizes our evaluation of the conditions observed at the site. The findings prepared by Apex are based upon testing performed in the building spaces. Our assessment procedures and recommendations are based on the guidelines presented in EPA, State of South Carolina or OSHA asbestos regulations.

**Closing**

Apex appreciates the opportunity to provide you with our asbestos consulting services and looks forward to our continued association. If you have any questions about this report or any other industrial hygiene concerns, please contact us at (803) 440-2790.

Sincerely,  
**Apex Environmental Management, Inc.**



Ted Shultz  
Project Manager



Rebecca W. Shultz, CIH, CSP  
President

- Appendix I PLM & TEM Data Table
- Appendix II Laboratory Analytical Results & Chain of Custody
- Appendix III Photographs

**APPENDIX I**  
**PLM & TEM DATA TABLE**

**ASBESTOS SURVEY FIELD DATA SHEET  
PLM & TEM ANALYSIS**

Project Name: Columbia Apartments Asbestos Assessment

Sampled By: Ted Shultz

Project Location: 2131 Slighs Avenue Columbia, SC

Project Manager: Ted Shultz

Project Number: 1123-202

Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity
1	Building 1 Roof	1 Layer Shingle & 4 Layers Felt	PLM & TEM NAD	Non-Friable	Damaged	2,500 SF
2						
3						
4	Exterior	Door & Window Caulk	PLM & TEM NAD	Non-Friable	Good	26 EA
5						
6						
7	Unit B Kitchen & Bath	Tan Textured Flooring w/Yellow Mastic	PLM & TEM NAD	Non-Friable	Good	200 SF
8						
9						
10	Unit C HVAC Closet	Grey Flooring w/Mastic	PLM & TEM NAD	Non-Friable	Good	10 SF
11						
12						
13	Unit B Kitchen	Brown Marble Pattern Flooring w/Mastic	PLM & TEM NAD	Non-Friable	Good	100 SF
14						
15						
16	Units A, B & C Bathrooms	Tub Surrounds Mastic Only	PLM & TEM NAD	Non-Friable	Good	4 EA
17						
18						
19	Entry Stair Well	Stair Tread Mastic	PLM & TEM NAD	Non-Friable	Good	30 EA
20						
21						

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PLM & TEM ANALYSIS**

Project Name: Columbia Apartments Asbestos Assessment

Sampled By: Ted Shultz

Project Location: 2131 Slighs Avenue Columbia, SC

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Project Number: 1123-202

Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity	
22	Units A, B, C & D Walls & Ceilings	Drywall & Joint Compound	PLM NAD	Friable	Damaged	5,600 SF	
23							
24							
25							
26							
27							
28							
29	Units C & D Entry Stair well Walls & Ceiling	Textured Plaster & Drywall with No Joint Compound	PLM NAD	Friable	Damaged	2,000 SF	
30							
31							
32							
33							
34							
35							
36	Building 2	Exterior	Door & Window Caulk	PLM & TEM NAD	Non-Friable	Good	26 EA
37							
38							
39	Roof	1 Layer Shingle & 3 Layers Felt	PLM & TEM NAD	Non-Friable	Damaged	2,500 SF	
40							
41							
42	Entry Stair Well	Stair Tread Mastic	PLM & TEM NAD	Non-Friable	Good	30 EA	
43							
44							
45	Units E & F Kitchen	Grey Textured Flooring w/Mastic	PLM & TEM NAD	Non-Friable	Good	200 SF	
46							
47							

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Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity
48	Units G & H Kitchen & Bath	Grey Textured Flooring w/Mastic	PLM & TEM NAD	Non-Friable	Good	300 SF
49						
50						
51	Units E, F, G & H Walls & Ceiling	Drywall & Joint Compound	PLM & TEM NAD	Friable	Damaged	5,600 SF
52						
53						
54						
55						
56						
57						
58	Entry Stair Well Walls & Upstairs Ceilings	Textured Plaster & Drywall with No Joint Compound	PLM NAD	Friable	Damaged	2,000 SF
59						
60						
61						
62						
63						
64						
65	Building 3 Roof	1 Layer Shingle & 3 Layers Felt	PLM & TEM NAD	Non-Friable	Damaged	2,500 SF
66						
67						
68	Exterior	Door & Window Caulk	PLM & TEM NAD	Non-Friable	Good	24 EA
69						
70						
71	Entry Stair Well	Stair Tread Mastic	PLM & TEM NAD	Non-Friable	Good	30 EA
72						
73						

**ASBESTOS SURVEY FIELD DATA SHEET  
PLM & TEM ANALYSIS**

Project Name: Columbia Apartments Asbestos Assessment

Sampled By: Ted Shultz

Project Location: 2131 Slighs Avenue Columbia, SC

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Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity
74	Units I, J, K, & L Bathrooms	Tub Surrounds Mastic Only	PLM & TEM NAD	Non-Friable	Good	4 EA
75						
76						
77	Units K & L Bathrooms	2 Layers vinyl floor (1 grey, 1 tan) with Mastic	PLM & TEM NAD	Non-Friable	Good	200 SF
78						
79						
80	Unit I & J Kitchen	Downstairs Kitchen Vinyl Flooring Marble Tan & Grey w/Mastic	PLM & TEM NAD	Non-Friable	Good	300 SF
81						
82						
83	Units I, J, K & L Walls & Ceiling	Drywall & Joint Compound	PLM NAD	Friable	Damaged	5,600
84						
85						
86						
87						
88						
89						
90	Enrty Stairs & Upstairs Ceilings	Textured Plaster & Drywall with No Joint Compound	PLM NAD	Friable	Damaged	2,000 SF
91						
92						
93						
94						
95						
96						
97	Building 4      Roof	1 Layer Shingle & 3 Layers Felt	PLM & TEM NAD	Non-Friable	Damaged	2,500 SF
98						
99						



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Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity
100	Exterior	Door & Window Caulk	PLM & TEM NAD	Non-Friable	Good	24 EA
101						
102						
103	Units A, B, C & D Entry Stairs	Stair Tread Mastic	PLM & TEM NAD	Non-Friable	Good	30 EA
104						
105						
106	Units A, B, C & D Bathrooms	Bathtub Surround Mastic Only	PLM & TEM NAD	Non-Friable	Good	4 EA
107						
108						
109	Units A, B, C & D Bathrooms & Kitchens	Marbled Vinyl w/ Mastic	PLM & TEM NAD	Non-Friable	Good	300 SF
110						
111						
112	Units A, B, C, & D Walls & Ceilings	Drywall & Joint Compound	PLM NAD	Friable	Damaged	5,600 SF
113						
114						
115						
116						
117						
118						
119	Units C & D Entry Stair well Walls & Ceiling	Textured Plaster & Drywall with No Joint Compound	PLM NAD	Friable	Damaged	2,000 SF
120						
121						
122						
123						
124						
125						

**ASBESTOS SURVEY FIELD DATA SHEET  
PLM & TEM ANALYSIS**

Project Name: Columbia Apartments Asbestos Assessment

Sampled By: Ted Shultz

Project Location: 2131 Slighs Avenue Columbia, SC

Project Manager: Ted Shultz

Project Number: 1123-202

Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity
126	Building 5      Roof	1 Layer Shingle & 3 Layers Felt	PLM & TEM NAD	Non-Friable	Damaged	2,500 SF
127						
128						
129	Exterior	Door & Window Caulk	PLM & TEM NAD	Non-Friable	Good	24 EA
130						
131						
132	Entry Stair Well	Stair Tread Mastic	PLM & TEM NAD	Non-Friable	Good	30 EA
133						
134						
135	Units E, F, G & H Bathrooms	Tub Surrounds Mastic Only	PLM & TEM NAD	Non-Friable	Good	4 EA
136						
137						
138	Units E, F, G & H Kitchen & Bathrooms	Marble Textured Pattern Vinyl Flooring w/Mastic	PLM & TEM NAD	Non-Friable	Good	300 SF
139						
140						
141	Units E, F, G & H Walls & Ceiling	Drywall & Joint Compound	PLM NAD	Friable	Damaged	5,600 SF
142						
143						
144						
145						
146						
147						

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PLM & TEM ANALYSIS**

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Sampled By: Ted Shultz

Project Location: 2131 Slighs Avenue Columbia, SC

Project Manager: Ted Shultz

Project Number: 1123-202

Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity
148	Units E & H Walls & Entry Stairwells	Textured Plaster & Drywall with No Joint Compound	PLM NAD	Friable	Damaged	2,000 SF
149						
150						
151						
152						
153						
154						
155	Building 6 Roof	1 Layer Shingle & 2 Layers Felt	PLM & TEM NAD	Non-Friable	Damaged	2,500 SF
156						
157						
158	Exterior	Door & Window Caulk	PLM & TEM NAD	Non-Friable	Good	24 EA
159						
160						
161	Entry Stairwell	Stair Tread Mastic	PLM & TEM NAD	Non-Friable	Good	30 EA
162						
163						
164	Units A, B, C & D Kitchens	Marble Textured Pattern Vinyl Flooring w/Mastic	PLM & TEM NAD	Non-Friable	Good	300 SF
165						
166						
167	Units A, B, C & D Walls and Ceilings	Drywall & Joint Compound	PLM NAD	Friable	Damaged	5,600 SF
168						
169						
170						
171						
172						
173						

**ASBESTOS SURVEY FIELD DATA SHEET  
PLM & TEM ANALYSIS**

Project Name: Columbia Apartments Asbestos Assessment

Sampled By: Ted Shultz

Project Location: 2131 Slighs Avenue Columbia, SC

Project Manager: Ted Shultz

Project Number: 1123-202

Date: 11/14/2023

Sample No.	Location	Sample Description	Analytical Results	Friable/Non Friable	Condition	Quantity
174	Units C & D Entry Stair well Walls & Ceiling	Textured Plaster & Drywall with No Joint Compound	PLM NAD	Non-Friable	Damaged	2,000 SF
175						
176						
177						
178						
179						
180						
181	Laundry Shed	Drywall & Joint Compound	PLM NAD	Non-Friable	Good	1,300 SF
182						
183						
184						
185						
186						
187						

NAD = No Asbestos Detected

LF = Linear Feet

EA = Each

**Bold = Positive For Asbestos**

SF = Square Feet

**APPENDIX II**

**LABORATORY ANALYTICAL RESULTS & CHAIN OF CUSTODY**



# EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

EMSL Order: 412313753

Customer ID: AXEM25

Customer PO:

Project ID:

**Attention:** Ted Shultz  
Apex Environmental Management  
7 Winchester Court  
Mauldin, SC 29662

**Phone:** (803) 348-4921

**Fax:**

**Received Date:** 11/16/2023 9:20 AM

**Analysis Date:** 11/16/2023 - 11/21/2023

**Collected Date:** 11/14/2023

**Project:** CHAACM Cola Apts

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1-Shingle <i>412313753-0001</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Brown/Black Fibrous Heterogeneous	12% Glass	4% Quartz 15% Ca Carbonate 69% Non-fibrous (Other)	None Detected
1-Black Felt 1 <i>412313753-0001A</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	75% Cellulose <1% Glass	<1% Quartz 25% Non-fibrous (Other)	None Detected
1-Black Felt 2 <i>412313753-0001B</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	75% Cellulose <1% Glass	<1% Quartz 25% Non-fibrous (Other)	None Detected
1-Tan Felt <i>412313753-0001C</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Tan Fibrous Homogeneous	90% Cellulose 2% Glass	8% Non-fibrous (Other)	None Detected
1-Black Felt 3 <i>412313753-0001D</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	75% Cellulose <1% Glass	2% Quartz 23% Non-fibrous (Other)	None Detected
2-Shingle <i>412313753-0002</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Brown/Black Fibrous Heterogeneous	15% Glass	10% Quartz 15% Ca Carbonate 60% Non-fibrous (Other)	None Detected
<i>Result includes a small amount of inseparable attached tar.</i>					
2-Black Felt 1 <i>412313753-0002A</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
2-Black Felt 2 <i>412313753-0002B</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
2-Tan Felt <i>412313753-0002C</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Tan Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
2-Black Felt 3 <i>412313753-0002D</i>	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
4-Caulk <i>412313753-0003</i>	Build. 1 - Exterior - Door & Window Caulk	Gray/White Non-Fibrous Homogeneous		<1% Quartz 100% Non-fibrous (Other)	None Detected
4-Brick <i>412313753-0003A</i>	Build. 1 - Exterior - Door & Window Caulk	Red Non-Fibrous Homogeneous		8% Quartz 92% Non-fibrous (Other)	None Detected
5 <i>412313753-0004</i>	Build. 1 - Exterior - Door & Window Caulk	White/Red Non-Fibrous Heterogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
<i>Result includes a small amount of inseparable attached brick.</i>					
7-Tan Mastic/Leveler <i>412313753-0005</i>	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Gray/Tan Non-Fibrous Heterogeneous	3% Glass	8% Quartz 10% Ca Carbonate 79% Non-fibrous (Other)	None Detected
7-Flooring <i>412313753-0005A</i>	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Tan Fibrous Heterogeneous	12% Cellulose 8% Synthetic	20% Ca Carbonate 60% Non-fibrous (Other)	None Detected

Report amended: 11/21/2023 08:15:23 Replaces initial report from: 11/21/2023 08:15:55 Reason Code: Data Entry-Samples Added



# EMSL Analytical, Inc.

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

**Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E  
Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
7-Yellow Mastic 412313753-0005B	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
7-Leveler 412313753-0005C	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Brown/Gray Non-Fibrous Homogeneous	2% Cellulose	6% Quartz 50% Ca Carbonate 42% Non-fibrous (Other)	None Detected
8-Tan Mastic/Leveler 412313753-0006	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Gray/Tan Non-Fibrous Heterogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
8-Flooring 412313753-0006A	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Gray/Tan/White Non-Fibrous Homogeneous	<1% Synthetic 2% Glass	20% Ca Carbonate 78% Non-fibrous (Other)	None Detected
8-Yellow Mastic 412313753-0006B	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
8-Leveler 412313753-0006C	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	White Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
10-Flooring 412313753-0007	Building 1 - C HVAC Closet - Grey Flooring w/ Mastic	Gray/Beige Non-Fibrous Heterogeneous	2% Cellulose	20% Ca Carbonate 3% Mica 75% Non-fibrous (Other)	None Detected
10-Mastic 412313753-0007A	Building 1 - C HVAC Closet - Grey Flooring w/ Mastic	Tan Non-Fibrous Homogeneous	<1% Cellulose	2% Quartz <1% Ca Carbonate 98% Non-fibrous (Other)	None Detected
11-Flooring 412313753-0008	Building 1 - C HVAC Closet - Grey Flooring w/ Mastic	Gray/Beige Fibrous Heterogeneous	5% Cellulose	15% Ca Carbonate 80% Non-fibrous (Other)	None Detected
11-Mastic 412313753-0008A	Building 1 - C HVAC Closet - Grey Flooring w/ Mastic	Tan Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
13-Flooring 412313753-0009	Building 1 - B Kitchen - Brown Marble Pattern Flooring w/ Mastic	Brown Fibrous Heterogeneous	15% Synthetic 10% Glass	20% Ca Carbonate 55% Non-fibrous (Other)	None Detected
13-Mastic 412313753-0009A	Building 1 - B Kitchen - Brown Marble Pattern Flooring w/ Mastic	Yellow Non-Fibrous Homogeneous		<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
13-Leveler 412313753-0009B	Building 1 - B Kitchen - Brown Marble Pattern Flooring w/ Mastic	Gray Non-Fibrous Homogeneous	2% Cellulose	40% Ca Carbonate 58% Non-fibrous (Other)	None Detected
14 412313753-0010	Building 1 - B Kitchen - Brown Marble Pattern Flooring w/ Mastic	Gray/White Non-Fibrous Homogeneous	5% Glass	20% Ca Carbonate 75% Non-fibrous (Other)	None Detected
16-Paneling 412313753-0011	Building 1 - A, B, C, D Bathroom - Tub Surround Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16-Mastic 412313753-0011A	Building 1 - A, B, C, D Bathroom - Tub Surround Mastic	Tan Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected

Report amended: 11/21/2023 08:15:23 Replaces initial report from: 11/21/2023 08:15:55 Reason Code: Data Entry-Samples Added



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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

**Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E  
Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17-Paneling 412313753-0012	Building 1 - A, B, C, D Bathroom - Tub Surround Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17-Mastic 412313753-0012A	Building 1 - A, B, C, D Bathroom - Tub Surround Mastic	Yellow Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
18-Paneling 412313753-0012B	Building 1 - A, B, C, D Bathroom - Tub Surround Mastic	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
19 412313753-0013	Building 1 - Entry Stairwell - Stair Tread Mastic	Tan Non-Fibrous Homogeneous	<1% Glass	15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
20 412313753-0014	Building 1 - Entry Stairwell - Stair Tread Mastic	Beige Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
22-Joint Compound 412313753-0015	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		70% Ca Carbonate 3% Perlite 27% Non-fibrous (Other)	None Detected
22-Drywall 412313753-0015A	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	6% Cellulose	94% Non-fibrous (Other)	None Detected
23-Joint Compound 412313753-0016	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		70% Ca Carbonate 5% Perlite 25% Non-fibrous (Other)	None Detected
23-Drywall 412313753-0016A	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
24-Joint Compound 412313753-0017	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		70% Ca Carbonate 4% Perlite 26% Non-fibrous (Other)	None Detected
24-Drywall 412313753-0017A	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	6% Cellulose	94% Non-fibrous (Other)	None Detected
25-Joint Compound 412313753-0018	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		70% Ca Carbonate 3% Perlite 27% Non-fibrous (Other)	None Detected
25-Drywall 412313753-0018A	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
26-Joint Compound 412313753-0019	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
26-Drywall 412313753-0019A	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
27-Joint Compound 412313753-0020	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
27-Drywall 412313753-0020A	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
28-Joint Compound 412313753-0021	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
28-Drywall 412313753-0021A	Building 1 - A, B, C, D Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

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Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
29-Tan Coat 412313753-0022	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		55% Quartz 20% Ca Carbonate 25% Non-fibrous (Other)	None Detected
29-Gray Coat 412313753-0022A	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
29-Drywall 412313753-0022B	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
30-Tan Coat 412313753-0023	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		50% Quartz 20% Ca Carbonate 30% Non-fibrous (Other)	None Detected
30-Gray Coat 412313753-0023A	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
30-Drywall 412313753-0023B	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	6% Cellulose	94% Non-fibrous (Other)	None Detected
31-Tan Coat 412313753-0024	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		50% Quartz 20% Ca Carbonate 30% Non-fibrous (Other)	None Detected
31-Gray Coat 412313753-0024A	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
31-Drywall 412313753-0024B	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
32-Tan Coat 412313753-0025	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		50% Quartz 20% Ca Carbonate 30% Non-fibrous (Other)	None Detected
32-Gray Coat 412313753-0025A	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
32-Drywall 412313753-0025B	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
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**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
33-Tan Coat 412313753-0026	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (Other)	None Detected
<i>No drywall present.</i>					
34-Tan Coat 412313753-0027	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (Other)	None Detected
<i>No drywall present.</i>					
34-Gray Coat 412313753-0027A	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
35-Tan Coat 412313753-0028	Building 1 - C & D Ceiling & Entry Stairwell Walls - Textured Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (Other)	None Detected
<i>No drywall present.</i>					
36 412313753-0029	Build. 2 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
37 412313753-0030	Build. 2 - Exterior - Door & Window Caulk	Gray/White Non-Fibrous Homogeneous		2% Ca Carbonate 98% Non-fibrous (Other)	None Detected
39-Shingle 412313753-0031	Build. 2 - Roof - 1 Shingle, 3 Felt	Brown/Gray/Black Fibrous Heterogeneous	15% Glass	5% Quartz 15% Ca Carbonate 65% Non-fibrous (Other)	None Detected
39-Felt 1 412313753-0031A	Build. 2 - Roof - 1 Shingle, 3 Felt	Brown/Black Fibrous Homogeneous	80% Cellulose <1% Glass	20% Non-fibrous (Other)	None Detected
39-Felt 2 412313753-0031B	Build. 2 - Roof - 1 Shingle, 3 Felt	Brown/Black Fibrous Homogeneous	80% Cellulose <1% Glass	20% Non-fibrous (Other)	None Detected
39-Felt 3 412313753-0031C	Build. 2 - Roof - 1 Shingle, 3 Felt	Brown/Black Fibrous Homogeneous	80% Cellulose <1% Glass	20% Non-fibrous (Other)	None Detected
40-Shingle 412313753-0032	Build. 2 - Roof - 1 Shingle, 3 Felt	Gray/Black Fibrous Homogeneous	10% Glass	2% Quartz 20% Ca Carbonate 68% Non-fibrous (Other)	None Detected
40-Felt 1 412313753-0032A	Build. 2 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
40-Felt 2 412313753-0032B	Build. 2 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose 2% Glass	8% Non-fibrous (Other)	None Detected
40-Felt 3 412313753-0032C	Build. 2 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
42 412313753-0033	Build. 2 - Entry Stairs - Stair Tread Mastic	Brown/Tan Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected

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<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

**Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E  
Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
43 <i>412313753-0034</i>	Build. 2 - Entry Stairs - Stair Tread Mastic	Brown/Red/Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
45-Flooring <i>412313753-0035</i>	Build. 2 - E & F Kitchen - Grey Text Floor w/ Mastic	Gray/Tan Non-Fibrous Homogeneous	8% Synthetic 10% Glass	20% Ca Carbonate 62% Non-fibrous (Other)	None Detected
45-Mastic/Leveler <i>412313753-0035A</i>	Build. 2 - E & F Kitchen - Grey Text Floor w/ Mastic	Gray/Tan/Yellow Non-Fibrous Heterogeneous	3% Cellulose	10% Ca Carbonate 87% Non-fibrous (Other)	None Detected
46-Flooring <i>412313753-0036</i>	Build. 2 - E & F Kitchen - Grey Text Floor w/ Mastic	Gray/White Fibrous Homogeneous	<1% Synthetic 5% Glass	20% Ca Carbonate 75% Non-fibrous (Other)	None Detected
46-Mastic/Leveler <i>412313753-0036A</i>	Build. 2 - E & F Kitchen - Grey Text Floor w/ Mastic	Gray/Yellow Non-Fibrous Heterogeneous	2% Cellulose	5% Ca Carbonate 93% Non-fibrous (Other)	None Detected
48-Flooring <i>412313753-0037</i>	Build. 2 - G & H Kit & Bath - Grey Text Floor w/ Mastic	Gray/Tan Non-Fibrous Homogeneous	6% Synthetic 10% Glass	20% Ca Carbonate 64% Non-fibrous (Other)	None Detected
48-Mastic <i>412313753-0037A</i>	Build. 2 - G & H Kit & Bath - Grey Text Floor w/ Mastic	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
49-Flooring <i>412313753-0038</i>	Build. 2 - G & H Kit & Bath - Grey Text Floor w/ Mastic	Gray Non-Fibrous Homogeneous	2% Synthetic	20% Ca Carbonate 78% Non-fibrous (Other)	None Detected
49-Mastic <i>412313753-0038A</i>	Build. 2 - G & H Kit & Bath - Grey Text Floor w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
51-Tape <i>412313753-0039</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
51-Joint Compound <i>412313753-0039A</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 4% Perlite 16% Non-fibrous (Other)	None Detected
51-Drywall <i>412313753-0039B</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
52-Tape <i>412313753-0040</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
52-Joint Compound <i>412313753-0040A</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 4% Perlite 16% Non-fibrous (Other)	None Detected
52-Drywall <i>412313753-0040B</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	Tan/White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
53-Tape <i>412313753-0041</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
53-Joint Compound <i>412313753-0041A</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 4% Perlite 16% Non-fibrous (Other)	None Detected
53-Drywall <i>412313753-0041B</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	Tan/White Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
54-Joint Compound <i>412313753-0042</i>	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 4% Perlite 16% Non-fibrous (Other)	None Detected

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Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
54-Drywall 412313753-0042A	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	Tan/White Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
55-Joint Compound 412313753-0043	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
55-Drywall 412313753-0043A	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose <1% Glass	90% Non-fibrous (Other)	None Detected
56-Joint Compound 412313753-0044	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
56-Drywall 412313753-0044A	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose <1% Glass	90% Non-fibrous (Other)	None Detected
57-Tape 412313753-0045	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	10% Synthetic 80% Glass	10% Non-fibrous (Other)	None Detected
57-Joint Compound 412313753-0045A	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
57-Drywall 412313753-0045B	Build. 2 - E, F, G, H Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
58-Tan Coat 412313753-0046	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 15% Ca Carbonate 25% Non-fibrous (Other)	None Detected
58-Gray Coat 412313753-0046A	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
58-Drywall 412313753-0046B	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
59-Tan Coat 412313753-0047	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 15% Ca Carbonate 25% Non-fibrous (Other)	None Detected
59-Gray Coat 412313753-0047A	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
59-Drywall 412313753-0047B	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	6% Cellulose	94% Non-fibrous (Other)	None Detected
60-Tan Coat 412313753-0048	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 15% Ca Carbonate 25% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
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## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
60-Gray Coat 412313753-0048A	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
60-Drywall 412313753-0048B	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
61-Tan Coat 412313753-0049	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 15% Ca Carbonate 25% Non-fibrous (Other)	None Detected
61-Gray Coat 412313753-0049A	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
61-Drywall 412313753-0049B	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
61-Insulation 412313753-0049C	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	White Fibrous Homogeneous	90% Glass	10% Non-fibrous (Other)	None Detected
62-Tan Coat 412313753-0050	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		30% Quartz 5% Ca Carbonate 65% Non-fibrous (Other)	None Detected
62-Gray Coat 412313753-0050A	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
62-Drywall 412313753-0050B	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose <1% Glass	90% Non-fibrous (Other)	None Detected
62-Insulation 412313753-0050C	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
63-Tan Coat 412313753-0051	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		30% Quartz 5% Ca Carbonate 65% Non-fibrous (Other)	None Detected
63-Gray Coat 412313753-0051A	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
63-Drywall 412313753-0051B	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
64-Tan Coat 412313753-0052	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		30% Quartz 10% Ca Carbonate 60% Non-fibrous (Other)	None Detected
64-Gray Coat 412313753-0052A	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
64-Gray Drywall 412313753-0052B	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose <1% Glass	95% Non-fibrous (Other)	None Detected
64-White Drywall 412313753-0052C	Build. 2 - Upstairs Ceilings & Entry Stairs Walls - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
65-Shingle 412313753-0053	Build 3 - Roof - 1 Shingle, 3 Felt	Gray/Black Non-Fibrous Heterogeneous	15% Glass	5% Quartz 15% Ca Carbonate 65% Non-fibrous (Other)	None Detected
65-Felt 1 412313753-0053A	Build 3 - Roof - 1 Shingle, 3 Felt	Brown/Black Fibrous Homogeneous	75% Cellulose <1% Glass	25% Non-fibrous (Other)	None Detected
65-Felt 2 412313753-0053B	Build 3 - Roof - 1 Shingle, 3 Felt	Brown/Black Fibrous Homogeneous	80% Cellulose <1% Glass	20% Non-fibrous (Other)	None Detected
65-Felt 3 412313753-0053C	Build 3 - Roof - 1 Shingle, 3 Felt	Brown/Black Fibrous Homogeneous	80% Cellulose <1% Glass	20% Non-fibrous (Other)	None Detected
65-Insulation 412313753-0053D	Build 3 - Roof - 1 Shingle, 3 Felt	Brown Fibrous Homogeneous	95% Glass	5% Non-fibrous (Other)	None Detected
66-Shingle 412313753-0054	Build 3 - Roof - 1 Shingle, 3 Felt	Gray/Black Fibrous Homogeneous	10% Glass	2% Quartz 20% Ca Carbonate 68% Non-fibrous (Other)	None Detected
66-Felt 1 412313753-0054A	Build 3 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
66-Felt 2 412313753-0054B	Build 3 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
66-Felt 3 412313753-0054C	Build 3 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
66-Insulation 412313753-0054D	Build 3 - Roof - 1 Shingle, 3 Felt	Brown/Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
67-Insulation 412313753-0054E	Build 3 - Roof - 1 Shingle, 3 Felt	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected

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Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
68 412313753-0055	Build 3 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
69 412313753-0056	Build 3 - Exterior - Door & Window Caulk	White/Red Non-Fibrous Homogeneous	<1% Cellulose	2% Ca Carbonate 98% Non-fibrous (Other)	None Detected
71 412313753-0057	Build 3 - Entry Stairs - Stair Tread Mastic	Brown/White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
72 412313753-0058	Build 3 - Entry Stairs - Stair Tread Mastic	Tan/Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
74 412313753-0059	Build 3 - I, J, K, L Bathrooms - Tub Surround Mastic Only	Tan Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
75 412313753-0060	Build 3 - I, J, K, L Bathrooms - Tub Surround Mastic Only	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
77-Gray Flooring 412313753-0061	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Gray Fibrous Homogeneous	15% Cellulose 4% Glass	20% Ca Carbonate 61% Non-fibrous (Other)	None Detected
77-Mastic 412313753-0061A	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Tan Non-Fibrous Homogeneous	2% Cellulose <1% Synthetic <1% Glass	<1% Ca Carbonate 98% Non-fibrous (Other)	None Detected
77-Tan Flooring 412313753-0061B	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Tan Fibrous Heterogeneous	6% Synthetic 10% Glass	20% Ca Carbonate 64% Non-fibrous (Other)	None Detected
77-Mastic 412313753-0061C	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Yellow Non-Fibrous Homogeneous		<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
77-Leveler 412313753-0061D	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Gray Non-Fibrous Homogeneous	2% Cellulose	4% Quartz 40% Ca Carbonate 54% Non-fibrous (Other)	None Detected
78-Gray Flooring 412313753-0062	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Gray Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
78-Mastic 412313753-0062A	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
78-Tan Flooring 412313753-0062B	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Tan Non-Fibrous Homogeneous	5% Synthetic	20% Ca Carbonate 75% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
78-Mastic/Leveler 412313753-0062C	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Gray/Yellow Non-Fibrous Heterogeneous	2% Cellulose	5% Ca Carbonate 93% Non-fibrous (Other)	None Detected
80-Flooring 412313753-0063	Build 3 - I & J Kit Floor - Marble Pat Floor & Mastic	Tan Fibrous Heterogeneous	10% Synthetic 10% Glass	20% Ca Carbonate 60% Non-fibrous (Other)	None Detected
80-Mastic 412313753-0063A	Build 3 - I & J Kit Floor - Marble Pat Floor & Mastic	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
81-Flooring 412313753-0064	Build 3 - I & J Kit Floor - Marble Pat Floor & Mastic	Gray/Beige Non-Fibrous Homogeneous	5% Synthetic	20% Ca Carbonate 75% Non-fibrous (Other)	None Detected
81-Mastic/Leveler 412313753-0064A	Build 3 - I & J Kit Floor - Marble Pat Floor & Mastic	Gray/Yellow Non-Fibrous Heterogeneous	2% Cellulose	10% Ca Carbonate 88% Non-fibrous (Other)	None Detected
83-Tape 412313753-0065	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
83-Joint Compound 412313753-0065A	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 3% Perlite 17% Non-fibrous (Other)	None Detected
83-Drywall 412313753-0065B	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	Beige Non-Fibrous Homogeneous	3% Cellulose <1% Glass	97% Non-fibrous (Other)	None Detected
84-Tape 412313753-0066	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
84-Joint Compound 412313753-0066A	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 3% Perlite 17% Non-fibrous (Other)	None Detected
84-Drywall 412313753-0066B	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	Beige Non-Fibrous Homogeneous	3% Cellulose <1% Glass	97% Non-fibrous (Other)	None Detected
85-Tape 412313753-0067	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
85-Joint Compound 412313753-0067A	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 3% Perlite 17% Non-fibrous (Other)	None Detected
85-Drywall 412313753-0067B	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	Beige Non-Fibrous Homogeneous	3% Cellulose <1% Glass	97% Non-fibrous (Other)	None Detected
86-Tape 412313753-0068	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	55% Cellulose 40% Synthetic	5% Non-fibrous (Other)	None Detected
86-Joint Compound 412313753-0068A	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 4% Perlite 16% Non-fibrous (Other)	None Detected
86-Drywall 412313753-0068B	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	Beige Non-Fibrous Homogeneous	3% Cellulose 2% Glass	95% Non-fibrous (Other)	None Detected
87-Tape 412313753-0069	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Cellulose 60% Synthetic		None Detected

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

**Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E  
Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
87-Joint Compound <i>412313753-0069A</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
87-Drywall <i>412313753-0069B</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose <1% Glass	90% Non-fibrous (Other)	None Detected
88-Tape <i>412313753-0070</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Cellulose 60% Synthetic		None Detected
88-Joint Compound <i>412313753-0070A</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
88-Drywall <i>412313753-0070B</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose <1% Glass	90% Non-fibrous (Other)	None Detected
89-Tape <i>412313753-0071</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Cellulose 60% Synthetic		None Detected
89-Joint Compound <i>412313753-0071A</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
89-Drywall <i>412313753-0071B</i>	Build 3 - I, J, K, L Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	5% Cellulose <1% Glass	95% Non-fibrous (Other)	None Detected
90-Tan Coat <i>412313753-0072</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 15% Ca Carbonate 25% Non-fibrous (Other)	None Detected
90-Gray Coat <i>412313753-0072A</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	2% Cellulose <1% Glass	60% Quartz 38% Non-fibrous (Other)	None Detected
90-Drywall <i>412313753-0072B</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	12% Cellulose	88% Non-fibrous (Other)	None Detected
91-Tan Coat <i>412313753-0073</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		60% Quartz 10% Ca Carbonate 30% Non-fibrous (Other)	None Detected
<i>No drywall present.</i>					
91-Gray Coat <i>412313753-0073A</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	2% Cellulose	60% Quartz 38% Non-fibrous (Other)	None Detected
92-Tan Coat <i>412313753-0074</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 10% Ca Carbonate 30% Non-fibrous (Other)	None Detected
92-Gray Coat <i>412313753-0074A</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
92-Drywall <i>412313753-0074B</i>	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
93-Tan Coat 412313753-0075	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 10% Ca Carbonate 30% Non-fibrous (Other)	None Detected
93-Gray Coat 412313753-0075A	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
93-Drywall 412313753-0075B	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
94-Tan Coat 412313753-0076	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		20% Quartz 5% Ca Carbonate 75% Non-fibrous (Other)	None Detected
94-Gray Coat 412313753-0076A	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
94-Drywall 412313753-0076B	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
95-Tan Coat 412313753-0077	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		25% Quartz 5% Ca Carbonate 70% Non-fibrous (Other)	None Detected
<i>No drywall present.</i>					
95-Gray Coat 412313753-0077A	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
95-Tape 412313753-0077B	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (Other)	None Detected
95-Joint Compound 412313753-0077C	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
96-Tan Coat 412313753-0078	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		25% Quartz 5% Ca Carbonate 70% Non-fibrous (Other)	None Detected
96-Gray Coat 412313753-0078A	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	40% Quartz 60% Non-fibrous (Other)	None Detected
96-Drywall 412313753-0078B	Build 3 - Entry Stair Walls & Upstairs Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
97-Shingle 412313753-0079	Build 4 - Roof - 1 Shingle, 1 Felt	Brown/Gray/Black Fibrous Heterogeneous	15% Glass	5% Quartz 15% Ca Carbonate 65% Non-fibrous (Other)	None Detected
97-Felt 412313753-0079A	Build 4 - Roof - 1 Shingle, 1 Felt	Brown/Black Fibrous Homogeneous	80% Cellulose <1% Glass	20% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
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## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
97-Insulation 412313753-0079B	Build 4 - Roof - 1 Shingle, 1 Felt	White Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
98-Shingle 412313753-0080	Build 4 - Roof - 1 Shingle, 1 Felt	Gray/Black Fibrous Homogeneous	10% Glass	2% Quartz 20% Ca Carbonate 68% Non-fibrous (Other)	None Detected
98-Felt 412313753-0080A	Build 4 - Roof - 1 Shingle, 1 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
98-Insulation 412313753-0080B	Build 4 - Roof - 1 Shingle, 1 Felt	White Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
100 412313753-0081	Build 4 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
101 412313753-0082	Build 4 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous		2% Ca Carbonate 98% Non-fibrous (Other)	None Detected
103 412313753-0083	Build 4 - ABCD Entry Stairs - Stair Tread Mastic	Brown/Tan Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
104 412313753-0084	Build 4 - ABCD Entry Stairs - Stair Tread Mastic	Gray/Beige Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
106-Paneling 412313753-0085	Build 4 - ABCD Bathrm - Tub Surround Mastic	Tan/White/Yellow Non-Fibrous Homogeneous		<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
106-Mastic 412313753-0085A	Build 4 - ABCD Bathrm - Tub Surround Mastic	Tan Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
107-Paneling 412313753-0086	Build 4 - ABCD Bathrm - Tub Surround Mastic	White/Beige Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
107-Mastic 412313753-0086A	Build 4 - ABCD Bathrm - Tub Surround Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
108-Paneling 412313753-0086B	Build 4 - ABCD Bathrm - Tub Surround Mastic	White/Beige Non-Fibrous Homogeneous		5% Ca Carbonate 95% Non-fibrous (Other)	None Detected
109-Vinyl 412313753-0087	Build 4 - ABCD Kit & Bath - Marble Pat. Vinyl w/ Mastic	Beige Fibrous Heterogeneous	6% Synthetic 10% Glass	25% Ca Carbonate 59% Non-fibrous (Other)	None Detected
109-Mastic 412313753-0087A	Build 4 - ABCD Kit & Bath - Marble Pat. Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous	<1% Cellulose	<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
110-Vinyl 412313753-0088	Build 4 - ABCD Kit & Bath - Marble Pat. Vinyl w/ Mastic	Gray/White/Beige Fibrous Homogeneous	2% Synthetic 5% Glass	20% Ca Carbonate 73% Non-fibrous (Other)	None Detected
110-Mastic 412313753-0088A	Build 4 - ABCD Kit & Bath - Marble Pat. Vinyl w/ Mastic	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
112-Tape 412313753-0089	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
112-Joint Compound 412313753-0089A	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
112-Drywall 412313753-0089B	Build 4 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
113-Tape 412313753-0090	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
113-Joint Compound 412313753-0090A	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
113-Drywall 412313753-0090B	Build 4 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
114-Tape 412313753-0091	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
114-Joint Compound 412313753-0091A	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
114-Drywall 412313753-0091B	Build 4 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
115-Tape 412313753-0092	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	40% Synthetic 55% Glass	5% Non-fibrous (Other)	None Detected
115-Joint Compound 412313753-0092A	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
115-Drywall 412313753-0092B	Build 4 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
116-Tape 412313753-0093	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	10% Synthetic 90% Glass		None Detected
116-Joint Compound 412313753-0093A	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
116-Drywall 412313753-0093B	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
117-Tape 412313753-0094	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	10% Synthetic 90% Glass		None Detected
117-Joint Compound 412313753-0094A	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
117-Drywall 412313753-0094B	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
118-Tape 412313753-0095	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Fibrous Homogeneous	10% Synthetic 90% Glass		None Detected
118-Joint Compound 412313753-0095A	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
118-Drywall 412313753-0095B	Build 4 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

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Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

**Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E  
Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
119-Texture 412313753-0096	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
119-Tan Coat 412313753-0096A	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		55% Quartz 10% Ca Carbonate 35% Non-fibrous (Other)	None Detected
119-Gray Coat 412313753-0096B	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	2% Cellulose	60% Quartz 38% Non-fibrous (Other)	None Detected
119-Drywall 412313753-0096C	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
120-Texture 412313753-0097	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
120-Tan Coat 412313753-0097A	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		55% Quartz 10% Ca Carbonate 35% Non-fibrous (Other)	None Detected
120-Gray Coat 412313753-0097B	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
120-Drywall 412313753-0097C	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
121-Texture 412313753-0098	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
121-Tan Coat 412313753-0098A	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 10% Ca Carbonate 30% Non-fibrous (Other)	None Detected
121-Gray Coat 412313753-0098B	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	2% Cellulose	60% Quartz 38% Non-fibrous (Other)	None Detected
121-Drywall 412313753-0098C	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	12% Cellulose	88% Non-fibrous (Other)	None Detected
122-Texture 412313753-0099	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
122-Tan Coat 412313753-0099A	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Tan Non-Fibrous Homogeneous		60% Quartz 10% Ca Carbonate 30% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
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**Project ID:**

**Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E  
Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
122-Gray Coat 412313753-0099B	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	2% Cellulose	60% Quartz 38% Non-fibrous (Other)	None Detected
122-Drywall 412313753-0099C	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
123-Texture 412313753-0100	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
123-Tan Coat 412313753-0100A	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		20% Quartz 5% Ca Carbonate 75% Non-fibrous (Other)	None Detected
123-Gray Coat 412313753-0100B	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	40% Quartz 60% Non-fibrous (Other)	None Detected
123-Drywall 412313753-0100C	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose <1% Glass	90% Non-fibrous (Other)	None Detected
124-Texture 412313753-0101	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
124-Tan Coat 412313753-0101A	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		25% Quartz 5% Ca Carbonate 70% Non-fibrous (Other)	None Detected
124-Gray Coat 412313753-0101B	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
124-Drywall 412313753-0101C	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
125-Texture 412313753-0102	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
<i>No drywall present.</i>					
125-Tan Coat 412313753-0102A	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Tan/White Non-Fibrous Homogeneous		20% Quartz 5% Ca Carbonate 75% Non-fibrous (Other)	None Detected
125-Gray Coat 412313753-0102B	Build 4 - C & D Ceilings Upstairs - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
126-Shingle 412313753-0103	Build 5 - Roof - 1 Shingle, 3 Felt	Gray/Black Fibrous Homogeneous	15% Glass	10% Quartz 20% Ca Carbonate 55% Non-fibrous (Other)	None Detected
126-Felt 1 412313753-0103A	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
126-Felt 2 412313753-0103B	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
126-Felt 3 412313753-0103C	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
127-Shingle 412313753-0104	Build 5 - Roof - 1 Shingle, 3 Felt	Gray/Black Fibrous Homogeneous	10% Glass	2% Quartz 20% Ca Carbonate 68% Non-fibrous (Other)	None Detected
127-Felt 1 412313753-0104A	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
127-Felt 2 412313753-0104B	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	80% Cellulose	10% Mica 10% Non-fibrous (Other)	None Detected
127-Felt 3 412313753-0104C	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
129 412313753-0105	Build 5 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous		<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
130 412313753-0106	Build 5 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous		2% Ca Carbonate 98% Non-fibrous (Other)	None Detected
132 412313753-0107	Build 5 - Entryway Stairs - Stair Tread Mastic	Beige Non-Fibrous Homogeneous	<1% Cellulose	15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
133 412313753-0108	Build 5 - Entryway Stairs - Stair Tread Mastic	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
135 412313753-0109	Build 5 - EFGH Bathrm - Tub Surround Mastic Only	Yellow Non-Fibrous Homogeneous	<1% Cellulose	<1% Ca Carbonate 100% Non-fibrous (Other)	None Detected
136 412313753-0110	Build 5 - EFGH Bathrm - Tub Surround Mastic Only	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
138-Flooring 412313753-0111	Build 5 - EFGH Kitchen & Bath - Marble Text Floor & Mastic	Beige Non-Fibrous Homogeneous	5% Glass	25% Ca Carbonate 70% Non-fibrous (Other)	None Detected
138-Mastic 412313753-0111A	Build 5 - EFGH Kitchen & Bath - Marble Text Floor & Mastic	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
139-Flooring 412313753-0112	Build 5 - EFGH Kitchen & Bath - Marble Text Floor & Mastic	Gray/Tan Fibrous Homogeneous	5% Glass	20% Ca Carbonate 75% Non-fibrous (Other)	None Detected
139-Mastic 412313753-0112A	Build 5 - EFGH Kitchen & Bath - Marble Text Floor & Mastic	Yellow Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
141-Tape 412313753-0113	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Fibrous Homogeneous	50% Synthetic 50% Glass		None Detected
141-Joint Compound 412313753-0113A	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
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**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
141-Drywall 412313753-0113B	Build 5 - EFGH Ceiling & Walls - Drywall & JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
142-Tape 412313753-0114	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Fibrous Homogeneous	50% Synthetic 50% Glass		None Detected
142-Joint Compound 412313753-0114A	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
142-Drywall 412313753-0114B	Build 5 - EFGH Ceiling & Walls - Drywall & JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
143-Tape 412313753-0115	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Fibrous Homogeneous	50% Synthetic 50% Glass		None Detected
143-Joint Compound 412313753-0115A	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
143-Drywall 412313753-0115B	Build 5 - EFGH Ceiling & Walls - Drywall & JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
144-Tape 412313753-0116	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Fibrous Homogeneous	50% Synthetic 50% Glass		None Detected
144-Joint Compound 412313753-0116A	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
144-Drywall 412313753-0116B	Build 5 - EFGH Ceiling & Walls - Drywall & JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
145-Tape 412313753-0117	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Fibrous Homogeneous	20% Synthetic 80% Glass		None Detected
145-Joint Compound 412313753-0117A	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
145-Drywall 412313753-0117B	Build 5 - EFGH Ceiling & Walls - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
146-Tape 412313753-0118	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Fibrous Homogeneous	20% Synthetic 80% Glass		None Detected
146-Joint Compound 412313753-0118A	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
146-Drywall 412313753-0118B	Build 5 - EFGH Ceiling & Walls - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
147-Tape 412313753-0119	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Fibrous Homogeneous	20% Synthetic 80% Glass		None Detected
147-Joint Compound 412313753-0119A	Build 5 - EFGH Ceiling & Walls - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
147-Drywall 412313753-0119B	Build 5 - EFGH Ceiling & Walls - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
148-White Coat 412313753-0120	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
148-Gray Coat 412313753-0120A	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected
148-Drywall 412313753-0120B	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
149-Texture 412313753-0121	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
149-White Coat 412313753-0121A	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
149-Gray Coat 412313753-0121B	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected
149-Drywall 412313753-0121C	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
150-White Coat 412313753-0122	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
150-Gray Coat 412313753-0122A	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected
150-Drywall 412313753-0122B	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
151-Texture 412313753-0123	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
151-White Coat 412313753-0123A	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
151-Gray Coat 412313753-0123B	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected
151-Drywall 412313753-0123C	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
152-Texture 412313753-0124	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
152-White Coat 412313753-0124A	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		20% Quartz 15% Ca Carbonate 65% Non-fibrous (Other)	None Detected
152-Gray Coat 412313753-0124B	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
152-Drywall 412313753-0124C	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
153-Texture 412313753-0125	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
153-White Coat 412313753-0125A	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		20% Quartz 10% Ca Carbonate 70% Non-fibrous (Other)	None Detected
153-Gray Coat 412313753-0125B	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (Other)	None Detected
153-Drywall 412313753-0125C	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
154-Texture 412313753-0126	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
154-White Coat 412313753-0126A	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		20% Quartz 10% Ca Carbonate 70% Non-fibrous (Other)	None Detected
154-Gray Coat 412313753-0126B	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
154-Drywall 412313753-0126C	Build 5 - G & H Entry Stairs & Ceiling - Text Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
155-Shingle 412313753-0127	Build 6 - Roof - 1 Shingle, 2 Felt	Gray/Black Fibrous Homogeneous	15% Glass	5% Quartz 10% Ca Carbonate 70% Non-fibrous (Other)	None Detected
155-Felt 1 412313753-0127A	Build 6 - Roof - 1 Shingle, 2 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
155-Felt 2 412313753-0127B	Build 6 - Roof - 1 Shingle, 2 Felt	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected

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10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
156-Shingle <small>412313753-0128</small>	Build 6 - Roof - 1 Shingle, 2 Felt	Gray/Black Fibrous Homogeneous	15% Glass	2% Quartz 20% Ca Carbonate 63% Non-fibrous (Other)	None Detected
156-Felt 1 <small>412313753-0128A</small>	Build 6 - Roof - 1 Shingle, 2 Felt	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
156-Felt 2 <small>412313753-0128B</small>	Build 6 - Roof - 1 Shingle, 2 Felt	Black Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
158 <small>412313753-0129</small>	Build 6 - Exterior - Door & Window Caulk	Gray/Clear Non-Fibrous Homogeneous		<1% Quartz 100% Non-fibrous (Other)	None Detected
159 <small>412313753-0130</small>	Build 6 - Exterior - Door & Window Caulk	Gray/Clear Non-Fibrous Homogeneous		2% Ca Carbonate 98% Non-fibrous (Other)	None Detected
161 <small>412313753-0131</small>	Build 6 - Entry Stairs - Stair Tread Mastic	Beige Non-Fibrous Homogeneous	<1% Cellulose	10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
162 <small>412313753-0132</small>	Build 6 - Entry Stairs - Stair Tread Mastic	Beige Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
164-Flooring <small>412313753-0133</small>	Build 6 - ABCD Kitchens - Marble Text Pat Flr w/ Mastic	Tan/White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
164-Mastic <small>412313753-0133A</small>	Build 6 - ABCD Kitchens - Marble Text Pat Flr w/ Mastic	Tan/Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
165-Flooring <small>412313753-0134</small>	Build 6 - ABCD Kitchens - Marble Text Pat Flr w/ Mastic	Brown/Tan/White Fibrous Homogeneous	5% Glass	25% Ca Carbonate 70% Non-fibrous (Other)	None Detected
165-Mastic <small>412313753-0134A</small>	Build 6 - ABCD Kitchens - Marble Text Pat Flr w/ Mastic	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
167-Tape <small>412313753-0135</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
167-Joint Compound <small>412313753-0135A</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
167-Drywall <small>412313753-0135B</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
168-Tape <small>412313753-0136</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
168-Joint Compound <small>412313753-0136A</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
168-Drywall <small>412313753-0136B</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
169-Tape <small>412313753-0137</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
169-Joint Compound <small>412313753-0137A</small>	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
**Customer ID:** AXEM25  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
169-Drywall 412313753-0137B	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
170-Tape 412313753-0138	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
170-Joint Compound 412313753-0138A	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
170-Drywall 412313753-0138B	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
171-Tape 412313753-0139	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
171-Joint Compound 412313753-0139A	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
171-Drywall 412313753-0139B	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
172-Tape 412313753-0140	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
172-Joint Compound 412313753-0140A	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
172-Drywall 412313753-0140B	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
173-Tape 412313753-0141	Build 6 - ABCD Walls & Ceiling - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
173-Joint Compound 412313753-0141A	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
173-Drywall 412313753-0141B	Build 6 - ABCD Walls & Ceiling - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
174-Texture 412313753-0142	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		75% Ca Carbonate 5% Perlite 20% Non-fibrous (Other)	None Detected
174-White Coat 412313753-0142A	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (Other)	None Detected
174-Gray Coat 412313753-0142B	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
174-Drywall 412313753-0142C	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
175-Texture 412313753-0143	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC  <i>No drywall present.</i>	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
175-White Coat 412313753-0143A	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (Other)	None Detected
175-Gray Coat 412313753-0143B	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected
176-Texture 412313753-0144	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC  <i>No drywall present.</i>	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
176-White Coat 412313753-0144A	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (Other)	None Detected
176-Gray Coat 412313753-0144B	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected
177-Texture 412313753-0145	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		75% Ca Carbonate 5% Perlite 20% Non-fibrous (Other)	None Detected
177-White Coat 412313753-0145A	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (Other)	None Detected
177-Gray Coat 412313753-0145B	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	60% Quartz 40% Non-fibrous (Other)	None Detected
177-Drywall 412313753-0145C	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
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**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
178-Texture 412313753-0146	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
178-White Coat 412313753-0146A	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
178-Gray Coat 412313753-0146B	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Hair	30% Quartz 70% Non-fibrous (Other)	None Detected
178-Drywall 412313753-0146C	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
179-Texture 412313753-0147	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
<i>No drywall present.</i>					
179-White Coat 412313753-0147A	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
179-Gray Coat 412313753-0147B	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
180-Texture 412313753-0148	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
180-White Coat 412313753-0148A	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
180-Gray Coat 412313753-0148B	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (Other)	None Detected
180-Drywall 412313753-0148C	Build 6 - C & D Ceilings & Entry Stairs Walls - Text. Plaster & Drywall w/ No JC	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
181-Tape 412313753-0149	Laundry Shed - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected

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**EMSL Order:** 412313753  
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## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
181-Joint Compound 412313753-0149A	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
181-Drywall 412313753-0149B	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
182-Tape 412313753-0150	Laundry Shed - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
182-Joint Compound 412313753-0150A	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
182-Drywall 412313753-0150B	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
183-Tape 412313753-0151	Laundry Shed - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
183-Joint Compound 412313753-0151A	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
183-Drywall 412313753-0151B	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
184-Tape 412313753-0152	Laundry Shed - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
184-Joint Compound 412313753-0152A	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
184-Drywall 412313753-0152B	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
185-Tape 412313753-0153	Laundry Shed - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
185-Joint Compound 412313753-0153A	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
185-Drywall 412313753-0153B	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
186-Tape 412313753-0154	Laundry Shed - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
186-Joint Compound 412313753-0154A	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected
186-Drywall 412313753-0154B	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
187-Tape 412313753-0155	Laundry Shed - Drywall & JC	Yellow Fibrous Homogeneous	99% Glass	1% Non-fibrous (Other)	None Detected
187-Joint Compound 412313753-0155A	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous		80% Ca Carbonate 20% Non-fibrous (Other)	None Detected

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## Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
187-Drywall	Laundry Shed - Drywall & JC	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
412313753-0155B					

Analyst(s)

- Ashley Hill (159)
- Kelsie Dwyer (41)
- Maggie Pasour (65)
- Matthew Schaefer (148)

Lee Plumley, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Pineville, NC NVLAP Lab Code 200841-0, VA 3333 00312

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EMSL Order: 412313753

Customer ID: AXEM25

Customer PO:

Project ID:

**Attention:** Ted Shultz  
Apex Environmental Management  
7 Winchester Court  
Mauldin, SC 29662

**Phone:** (803) 348-4921  
**Fax:**  
**Received Date:** 11/16/2023 9:20 AM  
**Analysis Date:** 11/24/2023  
**Collected Date:** 11/14/2023

**Project:** CHA ACM Cola Apts

## Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
3-Shingle 412313753-0156	Build. 1 - Roof - 1 Shingle, 4 Felt	Gray/Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
3-Black Felt 1 412313753-0157	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	100.0 Other	None	<0.1% Chrysotile
3-Black Felt 2 412313753-0158	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	100.0 Other	None	<0.1% Chrysotile
3-Tan Felt 412313753-0159	Build. 1 - Roof - 1 Shingle, 4 Felt	Tan Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
3-Black Felt 3 412313753-0160	Build. 1 - Roof - 1 Shingle, 4 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
6 412313753-0161	Build. 1 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
9-Tan Mastic/Leveler 412313753-0162	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Tan Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
9-Flooring 412313753-0163	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Gray/Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
9-Yellow Mastic 412313753-0164	Build. 1 - B-Kitchen & Bath - Tan Textured Flooring & Yellow Mastic	Yellow Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
12-Flooring 412313753-0165	Building 1 - C HVAC Closet - Grey Flooring w/ Mastic	Tan Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
12-Mastic 412313753-0166	Building 1 - C HVAC Closet - Grey Flooring w/ Mastic	Tan/White/Yellow Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
15-Flooring 412313753-0167	Building 1 - B Kitchen - Brown Marble Pattern Flooring w/ Mastic	Brown/Tan Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

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Samples analyzed by EMSL Analytical, Inc. Pineville, NC

Report amended: 11/24/2023 15:18:10 Replaces initial report from: 11/24/2023 15:18:10 Reason Code: Data Entry-Change to Appearance



# EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / [charlottelab@emsl.com](mailto:charlottelab@emsl.com)

<b>EMSL Order:</b> 412313753
<b>Customer ID:</b> AXEM25
<b>Customer PO:</b>
<b>Project ID:</b>

<b>Attention:</b> Ted Shultz Apex Environmental Management 7 Winchester Court Mauldin, SC 29662	<b>Phone:</b> (803) 348-4921 <b>Fax:</b> <b>Received Date:</b> 11/16/2023 9:20 AM <b>Analysis Date:</b> 11/24/2023 <b>Collected Date:</b> 11/14/2023
<b>Project:</b> CHA ACM Cola Apts	

## Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
15-Mastic/Leveler 412313753-0168	Building 1 - B Kitchen - Brown Marble Pattern Flooring w/ Mastic	White Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
18-Mastic 412313753-0169	Building 1 - A, B, C, D Bathroom - Tub Surround Mastic	Tan/Yellow Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
21 412313753-0170	Building 1 - Entry Stairwell - Stair Tread Mastic	Brown/Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
38 412313753-0171	Build. 2 - Exterior - Door & Window Caulk	Gray/White Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
41-Shingle 412313753-0172	Build. 2 - Roof - 1 Shingle, 3 Felt	Gray/Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
41-Felt 1 412313753-0173	Build. 2 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
41-Felt 2 412313753-0174	Build. 2 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	<0.1% Chrysotile
41-Felt 3 412313753-0175	Build. 2 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
44 412313753-0176	Build. 2 - Entry Stairs - Stair Tread Mastic	Brown/Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
47-Flooring 412313753-0177	Build. 2 - E & F Kitchen - Grey Text Floor w/ Mastic	Brown/Gray/Tan Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
47-Mastic/Leveler 412313753-0178	Build. 2 - E & F Kitchen - Grey Text Floor w/ Mastic	Tan Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
50-Flooring 412313753-0179	Build. 2 - G & H Kit & Bath - Grey Text Floor w/ Mastic	Tan/Beige Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

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EMSL Order: 412313753

Customer ID: AXEM25

Customer PO:

Project ID:

**Attention:** Ted Shultz  
Apex Environmental Management  
7 Winchester Court  
Mauldin, SC 29662

**Phone:** (803) 348-4921

**Fax:**

**Received Date:** 11/16/2023 9:20 AM

**Analysis Date:** 11/24/2023

**Collected Date:** 11/14/2023

**Project:** CHA ACM Cola Apts

## Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
50-Mastic 412313753-0180	Build. 2 - G & H Kit & Bath - Grey Text Floor w/ Mastic	Yellow Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
67-Shingle 412313753-0181	Build 3 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
67-Felt 1 412313753-0182	Build 3 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
67-Felt 2 412313753-0183	Build 3 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
67-Felt 3 412313753-0184	Build 3 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
70 412313753-0185	Build 3 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
73 412313753-0186	Build 3 - Entry Stairs - Stair Tread Mastic	Brown/Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
76 412313753-0187	Build 3 - I, J, K, L Bathrooms - Tub Surround Mastic Only	Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
79-Gray Flooring 412313753-0188	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Gray Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
79-Mastic 412313753-0189	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
79-Tan Flooring 412313753-0190	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Tan Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
79-Mastic/Leveler 412313753-0191	Build 3 - K & L Bathroom Floor, 2 Layers - Grey Floor w/ Mastic Tanish Floor w/ Mastic	Brown/Yellow Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected

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**Project:** CHA ACM Cola Apts

## Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
82-Flooring 412313753-0192	Build 3 - I & J Kit Floor - Marble Pat Floor & Mastic	Tan Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
82-Mastic/Leveler 412313753-0193	Build 3 - I & J Kit Floor - Marble Pat Floor & Mastic	Tan/Yellow Non-Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
99-Shingle 412313753-0194	Build 4 - Roof - 1 Shingle, 1 Felt	Gray/Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
99-Felt 412313753-0195	Build 4 - Roof - 1 Shingle, 1 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
102 412313753-0196	Build 4 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
105 412313753-0197	Build 4 - ABCD Entry Stairs - Stair Tread Mastic	Brown/Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
108-Mastic 412313753-0198	Build 4 - ABCD Bathrm - Tub Surround Mastic	Tan/Yellow Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
111-Vinyl 412313753-0199	Build 4 - ABCD Kit & Bath - Marble Pat Vinyl w/ Mastic	Brown/Tan Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
111-Mastic 412313753-0200	Build 4 - ABCD Kit & Bath - Marble Pat Vinyl w/ Mastic	Insufficient Material			
128-Shingle 412313753-0201	Build 5 - Roof - 1 Shingle, 3 Felt	Gray/Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
128-Felt 1 412313753-0202	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
128-Felt 2 412313753-0203	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

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7 Winchester Court  
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**Project:** CHA ACM Cola Apts

## Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
128-Felt 3 412313753-0204	Build 5 - Roof - 1 Shingle, 3 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
131 412313753-0205	Build 5 - Exterior - Door & Window Caulk	White Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
134 412313753-0206	Build 5 - Entryway Stairs - Stair Tread Mastic	Brown/Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
137 412313753-0207	Build 5 - EFGH Bathrm - Tub Surround Mastic Only	Tan/Yellow Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
140-Flooring 412313753-0208	Build 5 - EFGH Kitchen & Bath - Marble Text Floor & Mastic	Brown/Tan Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
140-Mastic 412313753-0209	Build 5 - EFGH Kitchen & Bath - Marble Text Floor & Mastic				
	Insufficient Material				
157-Shingle 412313753-0210	Build 6 - Roof - 1 Shingle, 2 Felt	Gray/Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
157-Felt 1 412313753-0211	Build 6 - Roof - 1 Shingle, 2 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
157-Felt 2 412313753-0212	Build 6 - Roof - 1 Shingle, 2 Felt	Black Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
160 412313753-0213	Build 6 - Exterior - Door & Window Caulk	Gray Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
163 412313753-0214	Build 6 - Entry Stairs - Stair Tread Mastic	Brown/Beige Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
166-Flooring 412313753-0215	Build 6 - ABCD Kitchens - Marble Text Pat Flr w/ Mastic	Tan/White Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

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<b>Customer ID:</b> AXEM25
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<b>Attention:</b> Ted Shultz Apex Environmental Management 7 Winchester Court Mauldin, SC 29662	<b>Phone:</b> (803) 348-4921 <b>Fax:</b> <b>Received Date:</b> 11/16/2023 9:20 AM <b>Analysis Date:</b> 11/24/2023 <b>Collected Date:</b> 11/14/2023
<b>Project:</b> CHA ACM Cola Apts	

## Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
166-Mastic 412313753-0216	Build 6 - ABCD Kitchens - Marble Text Pat Flr w/ Mastic				
	Insufficient Material				

Analyst(s)  
\_\_\_\_\_  
Maggie Pasour (58)

  
\_\_\_\_\_  
Lee Plumley, Laboratory Manager  
or other approved signatory

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Pineville, NC 28134

PHONE: (704) 525-2205

EMAIL: charlottelab@EMSL.com

EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

4123 13753

Customer Information	Customer ID:	Billing ID:
	Company Name: Apex Environmental Management	Company Name: Apex Environmental Management
	Contact Name: Ted Shultz	Billing Contact: Rebecca Shultz
	Street Address: 7 Winchester Court	Street Address: 7 Winchester Court
	City, State, Zip: Mauldin SC 29662 Country: US	City, State, Zip: Mauldin SC Country: US
	Phone: 864-404-3210	Phone: 864-404-3210
Email(s) for Report: tshultz@apex-ehs.com	Email(s) for Invoice:	

**Project Information**

Project Name/No: CHA ACM Cola Apts

EMSL LIMS Project ID: (if applicable, EMSL will provide)

US State where samples collected: SC

State of Connecticut (CT) must select project location:  Commercial (Taxable)  Residential (Non-Taxable)

Sampled By Name: Ted Shultz 2 Sampled By Signature: [Signature] Date Sampled: 11-14-23 No. of Samples In Shipment: 187

Turn-Around-Time (TAT)

3 Hour  6 Hour  24 Hour  32 Hour  48 Hour  72 Hour  96 Hour  1 Week  2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. \*32 Hour TAT available for select tests only; samples must be submitted by 11 30am.

**Test Selection**

**PLM - Bulk (reporting limit)**

PLM EPA 600/R-93/116 (<1%)

PLM EPA NOB (<1%)

POINT COUNT

POINT COUNT w/ GRAVIMETRIC

NIOSH 9002 (<1%)

NYS 198.1 (Friable - NY)

NYS 198.6 NOB (Non-Friable - NY)

NYS 198.8 (Vermiculite SM-V)

400 (<0.25%)  1,000 (<0.1%)

400 (<0.25%)  1,000 (<0.1%)

**TEM - Bulk**

TEM EPA NOB

NYS NOB 198.4 (Non-Friable - NY)

TEM EPA 600/R-93/116 w Milling Prep (0.1%)

**Other Tests (please specify)**

Positive Stop - Clearly Identified Homogeneous Areas (HA)

Sample Number	HA Number	Sample Location	Material Description		
1	Build 1	Roof	1 shingle, 4 felt		
2	[Vertical line]	[Vertical line]	[Vertical line]		
3					
4				exterior	door + window
5					caulk
6					
7				B-Kitchen + Bath	tan textured
8					flooring + yellow
9					mastic

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment: <u>FedEx</u>	Sample Condition / Pop Receipt:
Relinquished by: <u>[Signature]</u> Date/Time: <u>11-15-23</u>	Received by: <u>[Signature]</u> - FX 74322 243 Date/Time: <u>11/16/23 920a</u>
Relinquished by:	Received by:

Controlled Document - Asbestos Bulk R7 9/14/2021

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.



**Asbestos Bulk Building Materials - Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
10801 Southern Loop Blvd

Pineville, NC 28134  
PHONE: (704) 525-2205  
EMAIL: charlottelab@EMSL.com

EMSL ANALYTICAL INC.  
LABORATORY PRODUCTS TRAINING

4 13753

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

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
10	Building 1	C HVAC closet	grey flooring w/ mastic
11			
12			
13		B Kitchen	brown marble pattern flooring w/ mastic
14			
15			
16		A,B,C,D Bath room	Tub surround mastic
17			
18			
19		entry stairwell	stair tread mastic
20			
21			
22		A,B,C,D walls + ceiling	drywall + JC
23			
24			
25			
26			
27			
28			
29		C+D ceiling + entry stairwell walls	textured plaster & drywall w/ no JC
30			
31			
32			
33			
34			

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk R7 09/14/2021

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EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
10801 Southern Loop Blvd

EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

13753

Pineville, NC 28134  
PHONE: (704) 525-2205  
EMAIL: charlottelab@EMSL.com

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

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
35	Build 1	+ entry stairwell walls C & D ceiling & entry	text. plaster & dry wall no jc
36	Build 2	<del>stairwell walls</del> exterior	door & window
37			caulk
38			
39		roof	1 shingle, 3 felt
40			
41			
42		entry stairs	stair tread
43			mastic
44			
45		E & F kitchen	grey text floor
46			w/ mastic
47			
48		G & H kit & bath	grey text floor
49			w/ mastic
50			
51		E, F, G, H walls & ceiling	dry wall & jc
52			
53			
54			
55			
56			
57			

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk R7 09/14/2021

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Asbestos Bulk Building Materials - Chain of Custody

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Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
58	Build 2	upstairs ceilings &	Text plaster
59		entry stairs walls	& drywall w/ no
60			Ja
61			
62			
63			
64	Build 3		
65		Roof	1 shingle, 3 felt
66			
67			
68		Exterior	door & window
69			caulk 11
70			1
71		Entry stairs	stair tread
72			mastic
73			
74		I, J, K, L Bathrooms	tub surround
75			mastic only
76			
77		K & L Bath room Floor	grey floor w/ mastic
78		2 layers tanish floor w/ mastic	
79			
80	I & J Kit floor	marble pat floor &	
81		mastic	
82			

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk R7 06/14/2021

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**Asbestos Bulk Building Materials - Chain of Custody**

EMSL Analytical, Inc.  
10801 Southern Loop Blvd

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Sample Number	HA Number	Sample Location	Material Description
83	Build 3	J, J, K, L walls & ceiling	dry wall &
84			JC
85			
86			
87			
88			
89			
90		entry stairs walls &	text plaster
91		upstairs ceiling	& drywall w/ no
92			JC
93			
94			
95			
96			
97	Build 4	Roof	1 shingle, 1 felt
98			
99			
100		Exterior	door & window
101			caulk
102			
103		ABCD Entry stairs	stair tread
104			mastic
105			

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)



EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Materials - Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
10801 Southern Loop Blvd

Pineville, NC 28134  
PHONE: (704) 525-2205  
EMAIL: charlottelab@EMSL.com

13753

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

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description	
106	Build 4	ABCD Bathroom	Tub surround	
107		↓	mastic	
108		↓		
109		ABCD	Kit + Bath	marble part.
110		↓		Vinyl w/mastic
111		↓		
112		ABCD	walls + ceiling	drywall +
113		↓		JC
114		↓		
115		↓		
116		↓		
117		↓		
118	↓			
119		C + D ceilings upstairs	text plaster +	
120		↓	drywall w/no JC	
121		↓		
122		↓		
123		↓		
124		↓		
125		↓		
126	Build 5	Roof	1 shingle, 2 felt	
127	↓	↓		
128	↓	↓		

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

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Sample Number	HA Number	Sample Location	Material Description
129	Build 5	Exterior	door & window
130		caulk	
131			
132		Entry way stairs	stair tread
133		mastic	
134			
135		EFGH Bath rm	Tub surround
136		mastic only	
137			
138		EFGH Kitchen & Bath	marble text
139		floor & mastic	
140			
141		EFGH ceiling & walls	drywall & JC
142			
143			
144			
145			
146			
147			
148	G&H entry stairs ceiling	text. plaster	
149	& drywall w/no		
150	JC		
151			
152			
153			
154			

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:

Controlled Document - Asbestos Bulk R7 09/14/2021

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EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.



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LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Materials - Chain of Custody

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10801 Southern Loop Blvd

Pineville, NC 28134  
PHONE: (704) 525-2205  
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Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description	
155	Build <del>6</del>	Roof	1 shingle, 2 felt	
<del>156</del>				
157				
158			Exterior	door & window
159				caulk
160				
161			Entry stairs	stair tread
162				mastic
163				
164			ABCD Kitchens	marble text. pat.
165				flr w/mastic
166				
167			ABCD walls & ceiling	drywall & JC
168				
169				
170				
171				
172				
173				
174			C&D ceilings & entry	text. plaster
175		stairs walls	& drywall w/no	
176			JC	
177				
178				
179				
180				
Method of Shipment:		Sample Condition Upon Receipt:		
Relinquished by:	Date/Time:	Received by:	Date/Time	
Relinquished by:	Date/Time:	Received by:	Date/Time	

Controlled Document - Asbestos BuR R7 09/14/2021

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**APPENDIX III**  
**PHOTOGRAPHS**





Photo 1 – Front view Columbia Apartments.



Photo 2 – Holes cut through roofs prior to survey.



Photo 3 – Typical front view of Apartments.



Photo 4 – Typical view of rear of apartments.

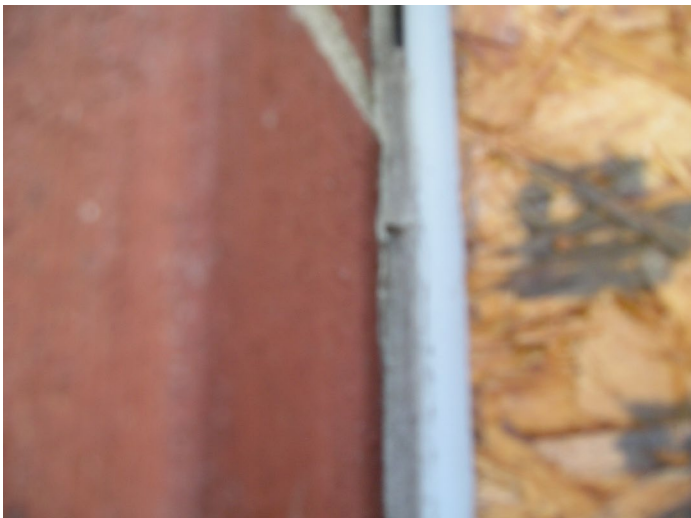


Photo 5 – Typical view of window caulk.



Photo 6 – Typical view of Kitchen flooring.





Photo 7 – Typical view of collapsed ceiling and hardwood floors.



Photo 8 – Typical view of the collapsed ceiling.



Photo 9 – Typical view of tub surround.



Photo 10 – Typical view of vinyl bathroom flooring.



Photo 11 – Typical view of tub surround mastic.



Photo 12 – Collapsed ceiling due to roof holes.





Photo 13 – Entry stair well with plaster and stair tread.



Photo 14 – Upstairs ceiling texture.



Photo 15 – Typical view of vinyl flooring in HVAC closets.



Photo 16 – Two layers of bathroom vinyl flooring.



Photo 17 – Roof shingles and felt.



Photo 18 – Laundry shed.

Apex Project # 1123-202  
Columbia Apartments Asbestos Assessment  
Columbia, South Carolina  
December 19, 2023



Photo 19 – Laundry shed drywall with concrete slab.