



# Air Quality Management Services, Inc.

“Discovering Solutions for Healthier Living”

September 29<sup>th</sup>, 2017

ServPro Portland  
 Dustin Souza  
 9 Hutcherson Drive  
 Gorham, Maine 04038

Re: Limited Asbestos Survey at 386 Allen Avenue property located in Portland, Maine.

AQM Project # 17-521

Air Quality Management Services, Inc. (AQM) conducted limited survey to evaluate water / fire damaged building materials (Plaster Ceiling and Floor Tiles) for the presence of asbestos fibers to prepare for renovations. This evaluation was conducted on September 27<sup>th</sup>, 2017.

## Findings

These are the results of the suspected materials that were sampled and analyzed by Polarized Light Microscopy (PLM) using EPA 600/R-93/116:

Sample #	Location	Material	% Asbestos	Type
B1 – B3	Throughout	Textured Ceiling	ND	----
B4 – B6	Throughout	Plaster Ceiling (Base & Skim Coats)	ND	----
<b>B7 – B9</b>	<b>Throughout</b>	<b>9x9 Floor Tile and Mastic</b>	<b>Floor Tile – 4.8%</b> <b>Mastic – 1.6%</b>	<b>Chrysotile</b>

ND = None Detected

Asbestos containing material means any material containing asbestos in quantities greater than or equal to 1%. Removal & Disposal of the material(s) listed in the table above (**in bold red**) is / are regulated by the State of Maine and/or the Occupational Safety and Health Administration (OSHA). All testing of suspect materials is in accordance with OSHA 29 CFR 1926.1101, and the State of Maine Asbestos Management Regulations.

A Licensed / Certified Asbestos Abatement Contractor in accordance with the State of Maine Asbestos Management Regulations Chapter 425 is required to abate any asbestos containing building materials that are going to be aggressively impacted during renovation / demolition activities.

## Survey Limitations

As with any scientific study, there are certain assumptions which are made, and certain limitations to the scope of information that can be derived. Some restrictions on the conduct of the survey are imposed by outside sources while others are established through the designed scope and methodology of the study. As with any building / facility survey, it is subject to a variety of limitations and restrictions. Limitations that should be considered in the interpretation of the results of this survey include the following:

**Survey Limitations (Continued)**

- A. Asbestos survey(s) may not be able to identify all ACBM present throughout the home / facility and maybe limited to the areas of water damage / impact / current loss. A thorough study should be capable of identifying approximately 95 percent of accessible (by non-destructive methods) ACBM present.
- B. The inspection protocols used for this project were in accordance with U.S. Environmental Protection Agency (USEPA) - National Emission Standard for Hazardous Air Pollutants (NESHAP) and with the Maine Department of Environmental Protection (MEDEP) protocols specific to asbestos sampling and evaluations.
- C. Limitations to the scope of the survey can result from limited access to hidden materials and areas. For example, multiple layers of materials or structural components may restrict access to suspect materials thus affecting the thoroughness of the survey. In most cases an asbestos survey is limited to accessible suspect materials with some minor demolition or destructive sampling.
- D. In some cases, hidden materials may be identified during renovations, general maintenance or demolition. Due to the limited nature of this survey, AQM recommends any suspect material not identified in this report be sampled and analyzed for asbestos contents and treated as asbestos until otherwise determined.

AQM appreciates this opportunity to have assisted you with your renovation impact survey. In the event we can be of further service or you have questions regarding this report, please give us a call.

Sincerely,



Randy Geoffroy, CMI  
MEDEP Certification # AI-0395

**SUPPORTING DOCUMENTATION**

**AQM**

EMSL Analytical, Inc.  
200 Route 130 North



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

### Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

621701577

Cinnaminson, NJ 08077  
PHONE: 1-800-220-3675  
FAX: (856) 786-5974

Company: Air Quality Management Services		EMSL-Bill to: <input checked="" type="checkbox"/> Different <input type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: PO Box 2491		<i>Third Party Billing requires written authorization from third party</i>	
City: Lewiston	State/Province: ME	Zip/Postal Code: 04241	Country: United States
Report To (Name): Randy Geoffroy		Telephone #: 207-657-7360	
Email Address: See Account Notes		Fax #: 207-657-7361	Purchase Order: 17-521
Project Name/Number: 17-521 - Portland		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: Maine		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

**Turnaround Time (TAT) Options\* - Please Check**

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

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

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
<b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input checked="" type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	<b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	<b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
<b>TEM - Water:</b> EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking		<b>Other:</b> <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group    Filter Pore Size (Air Samples):  0.8µm  0.45µm

Samplers Name: Randy Geoffroy - AI-0395    Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
B1 - B3	Textured Ceiling		9/27/17
B4 - B6	Plaster Base & Skim Coats		9/27/17
B7 - B9	9x9 Floor Tiles & Mastic		9/27/17

Client Sample # (s): B1 - B9    Total # of Samples: 9

Relinquished (Client):    Date: 9/27/17    Time: 6:30

Received (Lab):    Date: 9-28-17    Time: 9:42am

Comments/Special Instructions:  
Bill To: Air Quality Management Services, PO Box 20635, Bradenton, FL, 34204, United States  
 Attention: Connie Bickford Phone: 207-657-7360 Email: connie@aqmservices.com Purchase Order:



2 of 4 orders  
Fedex# 7953 2955 4147



# EMSL Analytical, Inc.

161 John Roberts Road South Portland, ME 04106  
Phone/Fax: (207) 517-6921 / (207) 517-6922  
<http://www.EMSL.com> / [portlandlab@emsl.com](mailto:portlandlab@emsl.com)

EMSL Order ID: 621701577  
Customer ID: AIRQ51A  
Customer PO: 17-521  
Project ID:

**Attn:** Randy Geoffroy  
Air Quality Management Services, Inc.  
PO Box 2491  
Lewiston, ME 04241  
**Phone:** (207) 657-7360  
**Fax:**  
**Collected:** 9/27/2017  
**Received:** 9/28/2017  
**Analyzed:** 9/29/2017  
**Proj:** 17-521 - PORTLAND.

## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

**Client Sample ID:** B1 **Lab Sample ID:** 621701577-0001  
**Sample Description:** TEXTURED CEILING.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/28/2017	White	0%	100%	None Detected	

**Client Sample ID:** B2 **Lab Sample ID:** 621701577-0002  
**Sample Description:** TEXTURED CEILING.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/28/2017	White	0%	100%	None Detected	

**Client Sample ID:** B3 **Lab Sample ID:** 621701577-0003  
**Sample Description:** TEXTURED CEILING.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/29/2017	White	0%	100%	None Detected	

**Client Sample ID:** B4-Base Coat **Lab Sample ID:** 621701577-0004  
**Sample Description:** PLASTER BASE & SKIM COATS.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/28/2017	Gray	0%	100%	None Detected	

**Client Sample ID:** B4-Skim Coat **Lab Sample ID:** 621701577-0004A  
**Sample Description:** PLASTER BASE & SKIM COATS.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/28/2017	White	0%	100%	None Detected	

**Client Sample ID:** B5-Base Coat **Lab Sample ID:** 621701577-0005  
**Sample Description:** PLASTER BASE & SKIM COATS.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/28/2017	Gray	0%	100%	None Detected	

**Client Sample ID:** B5-Skim Coat **Lab Sample ID:** 621701577-0005A  
**Sample Description:** PLASTER BASE & SKIM COATS.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/28/2017	White	0%	100%	None Detected	



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EMSL Order ID: 621701577  
Customer ID: AIRQ51A  
Customer PO: 17-521  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

**Client Sample ID:** B6-Base Coat **Lab Sample ID:** 621701577-0006

**Sample Description:** PLASTER BASE & SKIM COATS.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/29/2017	Gray	0%	100%	None Detected	

**Client Sample ID:** B6-Skim Coat **Lab Sample ID:** 621701577-0006A

**Sample Description:** PLASTER BASE & SKIM COATS.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	9/29/2017	White	0%	100%	None Detected	

**Client Sample ID:** B7-Floor Tile **Lab Sample ID:** 621701577-0007

**Sample Description:** 9X9 FLOOR TILES MASTIC.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	9/29/2017	Beige	0.0%	95.2%	4.8% Chrysotile	

**Client Sample ID:** B7-Mastic **Lab Sample ID:** 621701577-0007A

**Sample Description:** 9X9 FLOOR TILES MASTIC.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	9/29/2017	Brown/Black	0.0%	98.4%	1.6% Chrysotile	

**Client Sample ID:** B8-Floor Tile **Lab Sample ID:** 621701577-0008

**Sample Description:** 9X9 FLOOR TILES MASTIC.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	9/29/2017					Positive Stop (Not Analyzed)

**Client Sample ID:** B8-Mastic **Lab Sample ID:** 621701577-0008A

**Sample Description:** 9X9 FLOOR TILES MASTIC.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	9/29/2017					Positive Stop (Not Analyzed)

**Client Sample ID:** B9-Floor Tile **Lab Sample ID:** 621701577-0009

**Sample Description:** 9X9 FLOOR TILES MASTIC.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	9/29/2017					Positive Stop (Not Analyzed)

**Client Sample ID:** B9-Mastic **Lab Sample ID:** 621701577-0009A

**Sample Description:** 9X9 FLOOR TILES MASTIC.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM Grav. Reduction	9/29/2017					Positive Stop (Not Analyzed)



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EMSL Order ID:	621701577
Customer ID:	AIRQ51A
Customer PO:	17-521
Project ID:	

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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116

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PLM: ME CERT. BA-0178 (SS)  
PLM EPA NOB: ME CERT. BA-0178 (SS) BA-0174 (ZC)

**Analyst(s):**

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Stephen Severn    PLM (6)  
Zackary Carbee    PLM (3)  
                          PLM Grav. Reduction (2)

**Reviewed and approved by:**

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Christina Lentz, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs

Samples analyzed by EMSL Analytical, Inc. South Portland, ME

Initial report from: 09/29/2017 09:24:21