

# Asbestos Testing Summary

**Client:**

Glenna Irvine  
9 Kineo St.  
Portland, ME 04103  
Project # 16-236

**Testing Date:** 9/16/2016

**Testing Location:** 9 Kineo St. Portland

Sample ID	Sample Location	Sample Description/Color	Sample Results
B1	Exterior	Bottom Layer Roof Shingles - Black	No Asbestos Detected
B2	Exterior	Top Layer Roof Shingles - Black	No Asbestos Detected



**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:	621601405
CustomerID:	ESH50
CustomerPO:	
ProjectID:	

Attn: **Mark Coleman**  
**Environmental Safety & Hygiene Assoc.**  
**17 Patrick Drive**  
**Westbrook, ME 04092**

Phone: (207) 854-2711  
 Fax:  
 Received: 09/16/16 11:31 AM  
 Analysis Date: 9/19/2016  
 Collected:

Project: **9 KINEO STREET**

**Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by PLM  
 via EPA 600/R-93/116 section 2.3**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
B1 621601405-0001	BOTTOM LAYER ROOF SHINGLES	Black Non-Fibrous Homogeneous	100	None	No Asbestos Detected
B2 621601405-0002	TOP LAYER ROOF SHINGLES	Black Fibrous Homogeneous	100	None	No Asbestos Detected

ME Cert.# BA-0142 (CW)

Analyst(s)

Christina Walker (2)

Christina Walker, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. This report contains data that is (are) not covered by the NVLAP accreditation. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.

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

Initial report from 09/19/2016 06:47:07



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

621601405

PHONE:

FAX:

Company Name : ESH Associates, Inc.		EMSL Customer ID:	
Street: 17 Patrick Drive		City: Westbrook	State/Province: Maine
Zip/Postal Code: 04092	Country: USA	Telephone #: 207.756.9429	Fax #:
Report To (Name): Mark Coleman		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: mark@eshiaq.com		Purchase Order:	
Project Name/Number: 9 KINER STREET		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: Maine		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

EMSL-Bill to:  Same  Different - If Bill to is Different note instructions in Comments\*\*  
Third Party Billing requires written authorization from third party

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.

<p><b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY</p> <p><input type="checkbox"/> NIOSH 7400</p> <p><input type="checkbox"/> w/ OSHA 8hr. TWA</p> <p><b>PLM - Bulk (reporting limit)</b></p> <p><input type="checkbox"/> PLM EPA 600/R-93/116 (&lt;1%)</p> <p><input checked="" type="checkbox"/> PLM EPA NOB (&lt;1%)</p> <p>Point Count</p> <p><input type="checkbox"/> 400 (&lt;0.25%) <input type="checkbox"/> 1000 (&lt;0.1%)</p> <p>Point Count w/Gravimetric</p> <p><input type="checkbox"/> 400 (&lt;0.25%) <input type="checkbox"/> 1000 (&lt;0.1%)</p> <p><input type="checkbox"/> NYS 198.1 (friable in NY)</p> <p><input type="checkbox"/> NYS 198.6 NOB (non-friable-NY)</p> <p><input type="checkbox"/> NYS 198.8 SOF-V</p> <p><input type="checkbox"/> NIOSH 9002 (&lt;1%)</p>	<p><b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only)</p> <p><input type="checkbox"/> AHERA 40 CFR, Part 763</p> <p><input type="checkbox"/> NIOSH 7402</p> <p><input type="checkbox"/> EPA Level II</p> <p><input type="checkbox"/> ISO 10312</p> <p><b>TEM - Bulk</b></p> <p><input type="checkbox"/> TEM EPA NOB</p> <p><input type="checkbox"/> NYS NOB 198.4 (non-friable-NY)</p> <p><input type="checkbox"/> Chatfield SOP</p> <p><input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5</p> <p><b>TEM - Water: EPA 100.2</b></p> <p>Fibers &gt;10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking</p> <p>All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking</p>	<p><b>TEM- Dust</b></p> <p><input type="checkbox"/> Microvac - ASTM D 5755</p> <p><input type="checkbox"/> Wipe - ASTM D6480</p> <p><input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)</p> <p><b>Soil/Rock/Vermiculite*</b></p> <p><input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity)</p> <p><input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity)</p> <p><input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity)</p> <p><input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity)</p> <p><input type="checkbox"/> TEM Qual. via Filtration Technique</p> <p><input type="checkbox"/> TEM Qual. via Drop-Mount Technique</p> <p><small>*Can not accept New York State Loose Fill Vermiculite Samples</small></p> <p><b>Other:</b></p> <p><input type="checkbox"/></p>
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Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples):  0.8µm  0.45µm

Samplers Name: Mark Coleman

Samplers Signature: *[Signature]*

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
B1	BOTTOM LAYER ROOF SHINGLES		9-16-16
B2	TOP LAYER ROOF SHINGLES		

Client Sample # (s):	-	Total # of Samples:	
Relinquished (Client): <i>[Signature]</i>	Date: 9-16-16	Time: 1110	
Received (Lab): <i>[Signature]</i>	Date:	Time: 11:10 <i>[Signature]</i>	
Comments/Special Instructions:			