



EMSL Analytical, Inc.

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EMSL Order: 131600662

Customer ID: AXIO80

Customer PO:

Project ID:

Attention: Chris LaPorte
Axiom Partners, Inc.
545 Salem Street
Wakefield, MA 01880

Phone: (781) 213-9198

Fax: (781) 213-6992

Received Date: 02/16/2016 3:40 PM

Analysis Date: 02/16/2016

Collected Date: 02/16/2016

Project: 01288.0003 / Consentino Middle School, Haverhill, MA

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

Sample	Description	Appearance	% Fibrous	<u>Non-Asbestos</u> % Non-Fibrous	<u>Asbestos</u> % Type
021616-47-01A <small>131600662-0001</small>	Main Office - 12"x12" Brown Floor Tile	Brown Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
021616-47-01B <small>131600662-0002</small>	Room 39 - 12"x12" Brown Floor Tile				Stop Positive (Not Analyzed)
021616-47-02A <small>131600662-0003</small>	Main Office - Mastic on 12"x12" Brown Floor Tile	Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
021616-47-02B <small>131600662-0004</small>	Room 39 - Mastic on 12"x12" Brown Floor Tile				Stop Positive (Not Analyzed)
021616-47-03A <small>131600662-0005</small>	Room 39 - 1'x1' Spline Ceiling Tile	Gray/White Fibrous Homogeneous	40% Cellulose 55% Min. Wool	5% Non-fibrous (Other)	None Detected
021616-47-03B <small>131600662-0006</small>	Hallway @ Room 7 & 8 - 1'x1' Spline Ceiling Tile	Gray/White Fibrous Homogeneous	35% Cellulose 60% Min. Wool	5% Non-fibrous (Other)	None Detected
021616-47-04A <small>131600662-0007</small>	Main Office - Carpet Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
021616-47-04B <small>131600662-0008</small>	Main Office - Carpet Adhesive	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Alexander Maxinoski (4)

Michael Mink (2)

Alexander Maxinoski, Asbestos 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. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RI AAL-107T3, VT AL998919, Maine Bulk Asbestos BA039

Initial Report From: 02/16/2016 16:01:01

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

131600662

EMSL ANALYTICAL, INC.

107 HADDON AVENUE

WESTMONT, NJ 08108

PHONE: (856) 858-4800

FAX: (856) 858-4960

Company : Axiom Partners Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 545 Salem Street		Third Party Billing requires written authorization from third party	
City: Wakefield	State/Province: MA	Zip/Postal Code: 01880	Country: USA
Report To (Name): Chris LaPorte		Fax #: 414 Forgiore@axiomenv.com	
Telephone #: 781-254-5482		Email Address: claporte@axiomenv.com, smmassign@axiomenv.com	
Project Name/Number: <u>CONSENTING MIDDLE SCHOOL 01288.0003 Haverhill, MA</u>		U.S. State Samples Taken: <u>MA</u>	
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:			
Turnaround Time (TAT) Options* - Please Check			
<input checked="" type="checkbox"/> 3 Hours <input type="checkbox"/> 6 Hours <input type="checkbox"/> 24 Hrs <input type="checkbox"/> 48 Hrs <input type="checkbox"/> 3 Days <input type="checkbox"/> 4 Days <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days			
*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: <u>Christopher LaPorte</u>		Samplers Signature: <u>[Signature]</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
<u>021616-47-01A</u>	<u>12"x12" Brown floor tile - Main Office</u>		<u>2/16/16 1300</u>
<u>-01B</u>	<u>- Room 39</u>		
<u>-02A</u>	<u>Mastic on 12"x12" Brown floor tile - Main Office</u>		
<u>-02B</u>	<u>- Room 39</u>		
<u>-03A</u>	<u>1'x1' Spline Ceiling Tile - Room 39</u>		
<u>-03B</u>	<u>- Hallway @ Room 7 & 8</u>		
<u>-04A</u>	<u>Carpet Adhesive - Room 39 Main Office</u>		
<u>-04B</u>			
Client Sample # (s): <u>01A</u> - <u>04B</u>		Total # of Samples: <u>8</u>	
Relinquished (Client): <u>[Signature]</u>		Date: <u>2/16/16</u>	Time: <u>4:00PM</u>
Received (Lab):		Date:	Time:
Comments/Special Instructions: <u>W.I.</u>			

