

EMSL Analytical, Inc.

<http://www.emsl.com>

200 Route 130 North
Cinnaminson, NJ 08077
Phone: (856) 858-4800
Fax: (856) 858-4571

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (508) 628-5486
Fax: (508) 628-5488

2/23/2012

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 2/14/2012. The results are tabulated on the attached data pages for the following client designated project:

Greater Lowell Tech High, Tyngsboro, MA

The reference number for these samples is EMSL Order #011200699. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:



Julie Smith - Laboratory Director or other approved signatory



The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.

NELAP Certifications: NJ 03036, NY 10896, PA 68-00367

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

Revised Report – Client Project name has been changed at the client's request. – Original Report 2/22/12



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Customer ID: UEC63
Customer PO:
Received: 02/14/12 10:30 AM
EMSL Order: 011200699

Fax: (508) 628-5488 Phone (508) 628-5486
Project: **Greater Lowell Tech High, Tyngsboro, MA**

Analytical Results

Client Sample Description		PCB 1	Collected:	2/10/2012	Lab ID:	0001
		Door caulk, Main entry				
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
40C/8082A	Aroclor-1016	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.60	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1268	ND	0.60	mg/Kg	2/20/2012	ehernandez

Client Sample Description		PCB 2	Collected:	2/10/2012	Lab ID:	0002
		Caulk, Bank window frame				
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
40C/8082A	Aroclor-1016	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.97	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1268	ND	0.97	mg/Kg	2/17/2012	ehernandez

Client Sample Description		PCB 3	Collected:	2/10/2012	Lab ID:	0003
		Caulk, Bank window lower panel				
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
40C/8082A	Aroclor-1016	ND	0.64	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.64	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.64	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.64	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.64	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.64	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.64	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.64	mg/Kg	2/17/2012	ehernandez

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Attn: **Ammar Dieb**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Fax: (508) 628-5488 Phone (508) 628-5486

Project: **Greater Lowell Tech High, Tyngsboro, MA**

Customer ID: UEC63
 Customer PO:
 Received: 02/14/12 10:30 AM
 EMSL Order: 011200699

Analytical Results

Client Sample Description PCB 3
 Caulk, Bank window lower panel
Collected: 2/10/2012 **Lab ID:** 0003

Method	Parameter	Reporting			Analysis Date	Analyst
		Result	Limit	Units		
540C/8082A	Aroclor-1268	ND	0.64	mg/Kg	2/17/2012	ehernandez

Client Sample Description PCB 4
 Glaze, Bank window lower panel
Collected: 2/10/2012 **Lab ID:** 0004

Method	Parameter	Reporting			Analysis Date	Analyst
		Result	Limit	Units		
540C/8082A	Aroclor-1016	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1221	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1232	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1242	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1248	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1254	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1260	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1262	ND	0.52	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1268	ND	0.52	mg/Kg	2/17/2012	ehernandez

Client Sample Description PCB 5
 Caulk, Block bank windows
Collected: 2/10/2012 **Lab ID:** 0005

Method	Parameter	Reporting			Analysis Date	Analyst
		Result	Limit	Units		
540C/8082A	Aroclor-1016	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1221	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1232	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1242	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1248	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1254	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1260	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1262	ND	0.71	mg/Kg	2/22/2012	ehernandez
540C/8082A	Aroclor-1268	ND	0.71	mg/Kg	2/22/2012	ehernandez

Client Sample Description PCB 6
 Caulk, Door 2
Collected: 2/10/2012 **Lab ID:** 0006

Method	Parameter	Reporting			Analysis Date	Analyst
		Result	Limit	Units		
540C/8082A	Aroclor-1016	ND	0.50	mg/Kg	2/20/2012	ehernandez
540C/8082A	Aroclor-1221	ND	0.50	mg/Kg	2/20/2012	ehernandez



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Customer ID: UEC63
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Received: 02/14/12 10:30 AM
EMSL Order: 011200699

Fax: (508) 628-5488 Phone (508) 628-5486

Project: **Greater Lowell Tech High, Tyngsboro, MA**

Analytical Results

Client Sample Description		Collected:	2/10/2012		Lab ID:	0006
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
PCB 6 Caulk, Door 2						
40C/8082A	Aroclor-1232	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1268	ND	0.50	mg/Kg	2/20/2012	ehernandez

Client Sample Description		Collected:	2/10/2012		Lab ID:	0007
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
PCB 7 Caulk, Door GR1						
40C/8082A	Aroclor-1016	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1268	ND	0.50	mg/Kg	2/21/2012	ehernandez

Client Sample Description		Collected:	2/10/2012		Lab ID:	0008
Method	Parameter	Result	Reporting Limit	Units	Analysis Date	Analyst
PCB 8 Caulk, Expansion joint						
40C/8082A	Aroclor-1016	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.50	mg/Kg	2/21/2012	ehernandez
40C/8082A	Aroclor-1268	ND	0.50	mg/Kg	2/21/2012	ehernandez



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Project: **Greater Lowell Tech High, Tyngsboro, MA**

Analytical Results

Client Sample Description PCB 9
Caulk, Block by door 16
Collected: 2/10/2012 **Lab ID:** 0009

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
40C/8082A	Aroclor-1016	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.50	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1268	ND	0.50	mg/Kg	2/17/2012	ehernandez

Client Sample Description PCB 10
Frame Caulk, By door 16
Collected: 2/10/2012 **Lab ID:** 0010

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
40C/8082A	Aroclor-1016	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.50	mg/Kg	2/20/2012	ehernandez
40C/8082A	Aroclor-1268	ND	0.50	mg/Kg	2/20/2012	ehernandez

Client Sample Description PCB 11
Glaze, By door 16 window
Collected: 2/10/2012 **Lab ID:** 0011

Method	Parameter	Result	Reporting		Analysis Date	Analyst
			Limit	Units		
40C/8082A	Aroclor-1016	ND	0.92	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1221	ND	0.92	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1232	ND	0.92	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1242	ND	0.92	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1248	ND	0.92	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1254	ND	0.92	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1260	ND	0.92	mg/Kg	2/17/2012	ehernandez
40C/8082A	Aroclor-1262	ND	0.92	mg/Kg	2/17/2012	ehernandez



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Framingham, MA 01702

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Project: **Greater Lowell Tech High, Tyngsboro, MA**

Customer ID: UEC63
Customer PO:
Received: 02/14/12 10:30 AM
EMSL Order: 011200699

Analytical Results

Client Sample Description PCB 11
Glaze, By door 16 window
Collected: 2/10/2012 *Lab ID:* 0011

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>Reporting</i>		<i>Analysis Date</i>	<i>Analyst</i>
			<i>Limit</i>	<i>Units</i>		
540C/8082A	Aroclor-1268	ND	0.92	mg/Kg	2/17/2012	ehernandez

Client Sample Description PCB 12
Caulk, Door at oxygen shed
Collected: 2/10/2012 *Lab ID:* 0012

<i>Method</i>	<i>Parameter</i>	<i>Result</i>	<i>Reporting</i>		<i>Analysis Date</i>	<i>Analyst</i>
			<i>Limit</i>	<i>Units</i>		
540C/8082A	Aroclor-1016	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1221	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1232	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1242	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1248	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1254	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1260	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1262	ND	0.49	mg/Kg	2/17/2012	ehernandez
540C/8082A	Aroclor-1268	ND	0.49	mg/Kg	2/17/2012	ehernandez

Definitions:

ID - indicates that the analyte was not detected at the reporting limit

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

Lab Name: EMSL Analytical		Customer Sample#: MB 1 4232 CU
EMSL Sample ID:		Project:
Lab File ID: Y16457.D		Sample Matrix: Solid/Soil
Instrument ID: GC-ECD-Y		Sampling Date: 12:00:00 AM
Analyst: EH		Date Extracted: 2/16/2012
GC Column: CLPest I (0.25 mm)		Analysis Date: 2/17/2012 12:49:00 PM
GC Column 2: CLPest II (0.25 mm)		Sample wt/vol: 10 G
% Moisture: 0		Dilution Factor: 1
PH: 0		Concentrated Extract Vol: 10 (mL)
GPC Cleanup(Y/N): N		Injection Volume: 1 (ul)
Extraction Type: 3540C		Sulfur Cleanup: N
Method: SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (mg/Kg)	CONC. (mg/Kg)	Q
12674-11-2	Aroclor 1016	0.050		U
11104-28-2	Aroclor 1221	0.050		U
11141-16-5	Aroclor 1232	0.050		U
53469-21-9	Aroclor 1242	0.050		U
12672-29-6	Aroclor 1248	0.050		U
11097-69-1	Aroclor 1254	0.050		U
11096-82-5	Aroclor 1260	0.050		U
37324-23-5	Aroclor 1262	0.050		U
11100-14-4	Aroclor 1268	0.050		U

Qualifier Definitions
 U = Undetected
 B = Compound detected in method blank
 E = Estimated value
 D = Dilution
 P = Results between the two columns differ >40%

EMSL Analytical Inc.

soil SOIL PESTICIDE/PCB LCS/QCS/ LFB RECOVERY

Lab Name: <u>EMSL Analytical</u> Original: <u>LCS 1 4232</u> File ID: <u>Y16457.D/Y16458.D</u>								
* : Values outside of								
	COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	SPIKE ADDED mg/Kg	LCS CONC. mg/Kg	LCS REC%	
1	Aroclor 1016	12674-11-2	58	123	1.50	1.26	84	
2	Aroclor 1260	11096-82-5	63	131	1.50	1.27	85	
Total Out								0 of 2

EMSL Analytical Inc.

Subg SOIL PESTICIDE/PCB MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:		EMSL Analytical		Original		0699-2 PCB MS 10X						
		File ID:		H00915.D/H00924.D/H00925.D								
* : Values outside of												
COMPOUND	CAS NO	LOW LIMIT	HIGH LIMIT	RPD LIMIT	SAMPLE CONC.	MS SPIKE ADDED mg/Kg	MS CONC. mg/Kg	MS REC%	MSD SPIKE ADDED mg/Kg	MSD CONC. mg/Kg	MSD REC%	RPD %
1	Atoclor 1016	12	164	25	0.00	2.94	2.07	70	2.83	2.12	75	6
2	Atoclor 1260	43	167	25	0.00	2.94	2.13	72	2.83	2.21	78	7
				Total Out				0 of 2			0 of 2	0 of 2

**EMSL Analytical, Inc.**

7 Constitution Way, Suite 107, Woburn, MA 01801

Phone/Fax: (781) 933-8411 / (781) 933-8412

bostonlab@emsl.com

EMSL Order: 131200866

CustomerID: UEC63

CustomerPO:

ProjectID:

Attn: **Jason Becotte**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (508) 628-5486
 Fax: (508) 628-5488
 Received: 02/24/12 9:15 AM
 Analysis Date: 2/28/2012
 Collected:

Project: Greater Lowell Tech; Tyngsborough, MA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1 131200866-0001	3rd Fl West Commons - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
2 131200866-0002	3rd Fl E Street 3 Stairwell - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
3 131200866-0003	3rd Fl East Commons - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
4 131200866-0004	3rd Fl Rm 3560 - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5 131200866-0005	3rd Fl Storage @ 3554 - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
6 131200866-0006	2nd Fl Hallway by 2271 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
7 131200866-0007	2nd Fl Teacher Resource - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

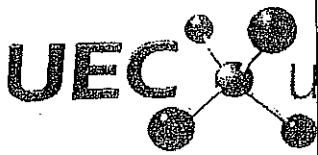
Steve Grise (14)

Renaldo Drakes, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

Samples analyzed by EMSL Analytical, Inc. Woburn, MA NVLAP Lab Code 101147-0, CT PH-0315, MA AA000188, RIAAL-107T3 and VT AL357102

Initial report from 02/28/2012 13:39:24



131200866

universal environmental consultants

12 Brewster Road
Framingham, MA 01702

Phone: 508.628.5486
Fax: 508.628.5488

CHAIN OF CUSTODY

BUILDING / SITE NAME: Greater Lovell Tech
WORK AREA: _____

TOWN / CITY: Tyngsborough
STATE: MA

Analysis Type	Turnaround Time (x)				
	6-8 Hr	12 Hr	24 Hr	48 Hr	72 hr
TEM / AHERA					
TEM / Level II					
TEM / Dust					
TEM / Bulk					
TEM / Water					
PLM				X	
Mold					
Other:					

Specific Project Notes

SAMPLE ID	MATERIAL DESCRIPTION	SAMPLE LOCATION	START	STOP	TIME	L/MIN	VOLUME
1	Joint compound	3rd fl. west commons					
2		3rd fl. E street 3 stairwell					
3		3rd fl. east commons					
4		3rd fl. Room 3560					
5		3rd fl. storage @ 3554					
6		2nd fl. hallway by 2271					
7		2nd fl. teacher resource					
8		2nd fl. hallway by 2620					
9		1st fl. hallway by 1504					
10		1st fl. hallway by 1540					
11	Joint compound	1st fl. hallway by business office					
12	carpet glue	3rd fl. hallway					
13	door glass glaze	2nd fl. @ 2271					
14	door glass glaze	3rd fl. @ 3543					

RECEIVED
FEB 24 2012
By SA 0915

SAMPLED BY: Jason Beotte 2-23-11
RELINQUISHED BY: Jason Beotte 2-24-11

DATE/TIME: RECEIVED BY: _____
DATE/TIME: RECEIVED IN LAB BY: _____

**EMSL Analytical, Inc.**

7 Constitution Way, Suite 107, Woburn, MA 01801
 Phone/Fax: (781) 933-8411 / (781) 933-8412
bostonlab@emsl.com

EMSL Order: 131200866
 CustomerID: UEC63
 CustomerPO:
 ProjectID:

Attn: **Jason Becotte**
Universal Environmental Consultants
12 Brewster Road
Framingham, MA 01702

Phone: (508) 628-5486
 Fax: (508) 628-5488
 Received: 02/24/12 9:15 AM
 Analysis Date: 2/28/2012
 Collected:

Project: Greater Lowell Tech; Tyngsborough, MA

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
8 131200866-0008	2nd FI Hallway by 2620 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
9 131200866-0009	1st FI Hallway by 1504 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
10 131200866-0010	1st FI Hallway by 1540 - Joint Compound	White Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
11 131200866-0011	1st FI Hallway by Business Office - Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
12 131200866-0012	3rd FI Hallway - Carpet Glue	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13 131200866-0013	2nd FI @ 2271 - Door Glass Glaze	Tan Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
14 131200866-0014	3rd FI @ 3543 - Door Glass Glaze	Tan Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile

Analyst(s)

Steve Grise (14)

Renaldo Drakes, Laboratory Manager
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

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