



Quality Environmental Solutions & Technologies, Inc.

**PRE-CONSTRUCTION INSPECTION FOR
ASBESTOS-CONTAINING MATERIALS (ACM)**

for

SUNY Purchase
735 Anderson Hill Road
Purchase, New York 10577

at

SUNY Purchase
Natural Science Building
Labs 014 & 033
735 Anderson Hill Road
Purchase, New York 10577

Project #Q14-9056

QuES&T

Quality Environmental Solutions & Technologies, Inc.

March 12, 2014

SUNY Purchase
735 Anderson Hill Road
Purchase, NY 10577

ATTN: Muneeza Ismail

Via E-mail: Muneeza.Ismail@purchase.edu

Re.: Pre-Construction Asbestos Inspection
SUNY Purchase @ Natural Science Building – 2014 Lab Construction Project(s)
QuES&T Project #Q14-9056

Dear Ms. Ismail,

Quality Environmental Solutions & Technologies, Inc. (**QuES&T**) was retained by Ms. Muneeza Ismail, of SUNY Purchase, to complete a Pre-Construction Asbestos Inspection throughout Labs 014 and 033 in support of anticipated 2014 Lab Construction Project(s) at SUNY Purchase, Natural Science Building, located at 735 Anderson Hill Road, Purchase, NY 10577.

The attached report summarizes the inspection protocol and inspection results for review by SUNY Purchase. **QuES&T** believes this report accurately reflects the material condition existing in the functional spaces at the time of our inspection.

Should you wish to discuss this matter further or require additional information concerning this transmittal, feel free to contact us at (845) 298-6031. **QuES&T** greatly appreciates the opportunity to assist SUNY Purchase in the environmental remediation services area.

Sincerely,



Philip J. Page
Field & Technical Services
NYS/AHERA Inspector
Cert. #AH 12-10888

Cc: QuES&T File

QuES&T

Quality Environmental Solutions & Technologies, Inc.

Table of Contents

I.	Introduction	Page 1
II.	Inspection Summary	Page 2
III.	Listing of Identified ACM	Page 3
IV.	ACM Quantities Disclaimer	Page 4
V.	General Discussion	Page 5

Appendix A: Sample Results

Appendix B: ACM Location Drawings

Appendix C: Personnel Licenses & Certifications

I. INTRODUCTION:

At the request of Ms. Muneeza Ismail, of SUNY Purchase, a Pre-Construction Inspection for the detection of Asbestos-containing Materials (ACM) was performed throughout the interior “Construction Areas”, of the “Natural Science Building,” on February 26th and March 5th of the year 2014. The inspection was limited to specific building components potentially affected by anticipated construction activities associated with the 2014 Lab Construction Project(s), as described by Ms. Ismail. Visual assessment and representative sampling for the detection of asbestos-containing building materials was performed. No demolition of surfaces was performed as part of this survey. Laboratory analysis of friable materials was performed using Polarized Light Microscopy (PLM), and both Polarized Light Microscopy-NOB (PLM-NOB) and Quantitative Transmission Electron Microscopy (QTEM) were performed on non-friable organically bound (NOB) materials.

Quality Environmental Solutions & Technologies, Inc. (QuES&T) established functional spaces based either on physical barriers (i.e. walls, doorways, etc.) or homogeneity of material. Within each functional space identified, a visual inspection was performed to identify suspect material.

Mr. Philip J. Page (Cert #AH 12-10888), Mr. Todd J. McAfee (Cert #AH 12-10881) & Mr. Stefan B. Jackson (Cert #AH 13-16635), of **QuES&T**, collected and/or analyzed a total of **forty-one (41)** samples of suspect materials for laboratory analysis. Twenty-four (24) samples were analyzed by Polarized Light Microscopy (PLM) for friable materials; nine (9) samples of non-friable organically-bound (NOB) materials were analyzed by Polarized Light Microscopy (PLM-NOB); additionally, eight [8] samples, determined to be negative for asbestos using PLM-NOB protocols, were analyzed using Confirmatory-Quantitative Transmission Electron Microscopy (QTEM) analysis. Samples consisting of multiple layers were separated and analyzed independently in the laboratory.

II. INSPECTION SUMMARY:

A visual inspection was performed and material types were established based on appearance, color, and texture. Representative bulk sampling was performed on suspect building material for laboratory analysis using PLM, PLM-NOB & QTEM.

A total of **forty-one samples** were collected and/or analyzed. Samples collected included the following:

- Wall Materials – Sheetrock, Joint Compound, Cove Base Molding & Adhesive.
- Floor Materials – 1'x 1' Floor Tile & Mastic, Cementitious Floor Slab.
- Thermal Systems Insulation – Pipe Insulation, Duct Insulation, Duct Sealant.
- Miscellaneous Materials – Lab Hood Cementitious Panels, Cementitious Beaker Drying Racks, Cementitious Lab Countertops.

III. LISTING OF IDENTIFIED ASBESTOS-CONTAINING MATERIALS (ACM):

KEY: ACM = Materials containing greater than 1% of asbestos;
 LF = Linear Feet; SF = Square Feet; PACM = Presumed Asbestos-containing Materials;
Friable = ACM capable of being released into air, and which can be crumbled, pulverized, powdered, crushed or exposed by hand-pressure.

Location	Material	Approx. Qty.	Friable?	Condition
Lab #014				
Walls & Soffits, Throughout	Sheetrock with ACM Joint Compound	1,700 SF (total)	Yes	Good
Floor, Throughout	ACM 1'x 1' Floor Tile ¹ on Non-ACM Mastic & Cementitious Slab	800 SF (total)	No	Good
Lab Hood, Interiors	ACM Transite Panels	50 SF (total)	No ²	Good
Lab Hood, Duct	Duct Seam Sealant ³	5 SF (total)	No	Good

NOTES:

¹ACM 1'x 1' Floor Tiles identified throughout Labs #014 & 033. During Pre-Construction Inspection, Homogeneous 1'x 1' Floor Tile observed outside the interior "Construction Areas."

²Cementitious Paneling (a.k.a. "Transite") is considered Non-friable solely in an intact and undisturbed state. Transite may be rendered Friable if pulverized or crumbled while in a dry state.

³Duct Seam Sealant was identified by laboratory to contain "trace" levels of asbestos. Only (1) sample was obtained due to non-destructive sampling techniques in an active lab, to obtain additional material for a 2nd sample would have damaged the Duct. Additional sampling will need to be performed in order to properly classify the material.

Lab #033

Walls & Soffits, Throughout	Sheetrock with ACM Joint Compound	1,100 SF (total)	Yes	Good
Floor, Throughout	ACM 1'x 1' Floor Tile ¹ on Non-ACM Mastic & Cementitious Slab	350 SF (total)	No	Good

NOTES:

¹ACM 1'x 1' Floor Tiles identified throughout Labs #014 & 033. During Pre-Construction Inspection, Homogeneous 1'x 1' Floor Tile observed outside the interior "Construction Areas."

IV. ACM QUANTITIES DISCLAIMER

It should be noted that the information contained within this summary report is based upon observation and test results provided by **QuES&T**. These observations and results are time dependent, subject to changing site conditions and revisions to Federal, State, and Local regulations. **QuES&T** warrants that these findings have been promulgated after being prepared in general accordance with generally accepted practices in the abatement industries. **QuES&T** also recognizes that raw testing data is not usually sufficient to make all abatement and management decisions.

The Linear and/or Square Footages (LF / SF) listed within this Report are only approximates. Abatement Contractor(s) are required to visit the building(s) in order to take actual field measurements within each listed location. Abatement Contractor(s) shall base their bid(s) on actual quantities determined, by them, at the site walkthrough(s). No other warranties are expressed or implied.

V. GENERAL DISCUSSION:

All construction personnel as well as individuals who have access to locations where ACM exists should be informed of its presence and the proper work practices in these areas. Conspicuous labeling of all ACM is suggested to ensure personnel is adequately informed. Personnel should be informed not to rest, lean or store material or equipment on or near these surfaces and not to cut, saw, drill, sand or disturb ACM. All removal, disturbance and repair of ACM should be performed in compliance with Title 12 NYCRR Part 56 by persons properly trained to handle ACM. Facility custodial and maintenance personnel should receive training commensurate with their work activities; as defined in 29 CFR 1910.1001.



Quality Environmental Solutions & Technologies, Inc.

Appendix A: Sample Results

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031407547

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Quality Environmental Solution & Tech**
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
Fax: (845) 298-6251
Received: 02/27/14 10:39 AM
Analysis Date: 3/4/2014
Collected: 2/26/2014

Project: **Q14-9056/ SUNY PURCHASE/ LIMITED ASBESTOS BULK SAMPLING NATURAL SCIENCE LAB 14 AND 33**


Test Report: Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9056-01 031407547-0001	LAB 14 WALL/ SHEETROCK	Gray/Tan Fibrous Homogeneous	33.00% Cellulose	45.00% Gypsum 22.00% Non-fibrous (other)	None Detected
9056-02 031407547-0002	LAB 33 WALL / SHEETROCK	Gray/Tan Fibrous Homogeneous	29.00% Cellulose	53.00% Gypsum 18.00% Non-fibrous (other)	None Detected
9056-03 031407547-0003	LAB 14 WALL ON SHEETROCK/ JOINT COMPOUND	White Non-Fibrous Homogeneous		7.00% Mica 57.00% Ca Carbonate 36.00% Non-fibrous (other)	None Detected
9056-04 031407547-0004	LAB 14 WALL ON SHEETROCK/ JOINT COMPOUND	White Non-Fibrous Homogeneous		7.00% Mica 55.00% Ca Carbonate 38.00% Non-fibrous (other)	None Detected
9056-05 031407547-0005	LAB 14 WALL ON SHEETROCK/ JOINT COMPOUND	White Non-Fibrous Homogeneous		5.00% Mica 57.00% Ca Carbonate 38.00% Non-fibrous (other)	None Detected
9056-06 031407547-0006	LAB 33 WALL ON SHEETROCK/ JOINT COMPOUND	White Non-Fibrous Homogeneous		5.00% Mica 55.00% Ca Carbonate 38.75% Non-fibrous (other)	1.25% Chrysotile
9056-07 031407547-0007	LAB 33 WALL ON SHEETROCK/ JOINT COMPOUND	White Non-Fibrous Homogeneous		98.75% Non-fibrous (other)	1.25% Chrysotile

Analyst(s)

Albert Grohmann (11)

Kamel Alawawda (3)


James Hall, 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. All samples examined for the presence of vermiculite.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

Report Amended: 03/04/2014 14:38:13 Replaces Report Amended: 03/04/2014 11:42:40. Reason Code: Client-Additional Analysis

Test Report PLMPTC-7.25.0 Printed: 3/4/2014 2:38:13 PM

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031407547

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Quality Environmental Solution & Tech**
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
Fax: (845) 298-6251
Received: 02/27/14 10:39 AM
Analysis Date: 3/4/2014
Collected: 2/26/2014

Project: **Q14-9056/ SUNY PURCHASE/ LIMITED ASBESTOS BULK SAMPLING NATURAL SCIENCE LAB 14 AND 33**

Test Report: Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9056-08 031407547-0008	LAB 14 LAB HOOD INTERIOR / CEMENTITIOUS PANEL	Black Fibrous Homogeneous		71.40% Non-fibrous (other)	28.60% Chrysotile
9056-09 031407547-0009	LAB 14 LAB HOOD INTERIOR / CEMENTITIOUS PANEL				Positive Stop
9056-10 031407547-0010	LAB 14 ON METAL PIPE RUN/ FIBERGLASS INSULATION	Yellow Fibrous Homogeneous	83.00% Glass	17.00% Non-fibrous (other)	None Detected
9056-11 031407547-0011	LAB 14 WALL/ BEAKER DRYING RACK	Gray Non-Fibrous Homogeneous	23.00% Fibrous (other)	77.00% Non-fibrous (other)	None Detected
9056-12 031407547-0012	LAB 33 CABINET / STONE COUNTERSTOP	Gray Non-Fibrous Homogeneous	10.00% Fibrous (other)	90.00% Non-fibrous (other)	None Detected
9056-13 031407547-0013	LAB 14 FLOOR / CEMENTITIOUS SLAB	Gray Non-Fibrous Homogeneous		47.00% Quartz 5.00% Mica 27.00% Ca Carbonate 21.00% Non-fibrous (other)	None Detected

Analyst(s)

Albert Grohmann (11)

Kamel Alawawda (3)


James Hall, 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. All samples examined for the presence of vermiculite.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

Report Amended: 03/04/2014 14:38:13 Replaces Report Amended: 03/04/2014 11:42:40. Reason Code: Client-Additional Analysis

Test Report PLMPTC-7.25.0 Printed: 3/4/2014 2:38:13 PM

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031407547

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Quality Environmental Solution & Tech**
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
Fax: (845) 298-6251
Received: 02/27/14 10:39 AM
Analysis Date: 3/4/2014
Collected: 2/26/2014

Project: **Q14-9056/ SUNY PURCHASE/ LIMITED ASBESTOS BULK SAMPLING NATURAL SCIENCE LAB 14 AND 33**

Test Report: Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9056-14 031407547-0014	LAB 14 FLOOR / CEMENTITIOUS SLAB	Gray Non-Fibrous Homogeneous		45.00% Quartz 15.00% Ca Carbonate 40.00% Non-fibrous (other)	None Detected
9056-15 031407547-0015	LAB 33 ON METAL DUCTWORK / FIBERGLASS INSULATION	Yellow Fibrous Homogeneous	80.00% Glass	20.00% Non-fibrous (other)	None Detected

Analyst(s)

Albert Grohmann (11)

Kamel Alawawda (3)

James Hall, 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. All samples examined for the presence of vermiculite.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

Report Amended: 03/04/2014 14:38:13 Replaces Report Amended: 03/04/2014 11:42:40. Reason Code: Client-Additional Analysis

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

CLIENT: SUNY Purchase
 ADDRESS: 735 Anderson Hill Road
Purchase, NY 10577
 CONTACT: Muneeza Ismail
 PROJECT ID: Limited Asbestos Bulk Sampling -
Natural Science Labs 14 & 33
 PROJECT #: Q14-9056

SAMPLED BY: S. Jackson / P. Page / T. McAfee
 DATE SAMPLED: 26-Feb-14
 ANALYSIS METHOD: PLM
 TURN-AROUND TIME: _____ HOURS
5 DAYS
 _____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
9056-01	Lab # 14, Wall	Sheetrock	
9056-02	Lab # 33, Wall	Sheetrock	
9056-03	Lab # 14, Wall, on Sheetrock	Joint Compound	STOP AT FIRST POSITIVE
9056-04	Lab # 14, Wall, on Sheetrock	Joint Compound	
9056-05	Lab # 14, Wall, on Sheetrock	Joint Compound	
9056-06	Lab # 33, Wall, on Sheetrock	Joint Compound	STOP AT FIRST POSITIVE
9056-07	Lab # 33, Wall, on Sheetrock	Joint Compound	
9056-08	Lab # 14, Lab Hood, Interior	Cementitious Panel	STOP AT FIRST POSITIVE
9056-09	Lab # 14, Lab Hood, Interior	Cementitious Panel	
9056-10	Lab # 14, on Metal Pipe Run	Fiberglass Insulation	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: _____

DATE: _____

RECEIVED BY: H. ColemanDATE: 2/27/14 10:39 AMPAGE 1 OF 2

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORMCLIENT: SUNY PurchaseSAMPLED BY: S. Jackson / P. Page / T. McAfeeADDRESS: 735 Anderson Hill RoadDATE SAMPLED: 26-Feb-14Purchase, NY 10577CONTACT: Muneeza IsmailANALYSIS METHOD: PLMPROJECT ID: Limited Asbestos Bulk Sampling -

TURN-AROUND TIME: _____ HOURS

Natural Science Labs 14 & 335 DAYSPROJECT #: Q14-9056

_____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
9056-11	Lab # 14, Wall	Beaker Drying Rack	
9056-12	Lab # 33, Cabinet	Stone Countertop	
9056-13	Lab # 14, Floor	Cementitious Slab	STOP AT FIRST POSITIVE
9056-14	Lab # 14, Floor	Cementitious Slab	
9056-15	Lab # 33, on Metal Ductwork	Fiberglass Insulation	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: Stephen PereraDATE: 2/26/14RECEIVED BY: H. COLEMANDATE: 2/27/14 10:39AMPAGE 2 OF 2

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031407855

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Quality Environmental Solution & Tech**
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
 Fax: (845) 298-6251
 Received: 02/27/14 10:30 AM
 Analysis Date: 3/4/2014
 Collected: 2/26/2014

Project: Q14-9056/ SUNY PURCHASE / LIMITED ASBESTOS BULK SAMPLING NATURAL SCIENCE LABS 14 AND 33

Test Report: Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 9056-16-Cove Base 031407855-0001		Description Homogeneity	LAB# 33 WALL ON SHEETROCK - COVEBASE MOLDING AND ADHESIVE - SEPERATE BY LAYERS Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Black			Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014	Black			None Detected
Sample ID 9056-16-Adhesive 031407855-0001A		Description Homogeneity	LAB# 33 WALL ON SHEETROCK - COVEBASE MOLDING AND ADHESIVE - SEPERATE BY LAYERS Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Yellow			Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014	Yellow			None Detected
Sample ID 9056-17-Cove Base 031407855-0002		Description Homogeneity	LAB #14 WALL ON SHEETROCK - COVEBASE MOLDING AND ADHESIVE - SEPERATE BY LAYERS Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Black			Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014	Black			None Detected
Sample ID 9056-17-Adhesive 031407855-0002A		Description Homogeneity	LAB #14 WALL ON SHEETROCK - COVEBASE MOLDING AND ADHESIVE - SEPERATE BY LAYERS Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Yellow			Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014	Yellow			None Detected
Sample ID 9056-18-Floor Tile 031407855-0003		Description Homogeneity	LAB #33 FLOOR ON CEMENTITIOUS SLAB 1X1 BEIGE - FLOOR TILE AND MASTIC Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Beige			Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014	Beige			11.9% Chrysotile 11.9% Total

Initial Report From 03/04/2014 21:17:50

Test Report 198VCM-7.30.0 Printed: 3/4/2014 9:17:50 PM

Page 1

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031407855

CustomerID: QUES51

CustomerPO:

ProjectID:

Test Report: Asbestos Analysis of Bulk Material**Non Asbestos**

Test	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID 9056-18-Mastic 031407855-0003A	Description Homogeneity	LAB #33 FLOOR ON CEMENTITIOUS SLAB 1X1 BEIGE - FLOOR TILE AND MASTIC Heterogeneous		
PLM NYS 198.1 Friable				Not Analyzed
PLM NYS 198.6 VCM				Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Black		Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014	Black		<1% Chrysotile <1% Total

Sample ID 9056-19-Floor Tile 031407855-0004	Description Homogeneity	LAB #14 FLOOR ON CEMENTITIOUS SLAB 1X1 BEIGE - FLOOR TILE AND MASTIC Heterogeneous		
PLM NYS 198.1 Friable				Not Analyzed
PLM NYS 198.6 VCM				Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Beige		Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014			Positive Stop (Not Analyzed)

Sample ID 9056-19-Mastic 031407855-0004A	Description Homogeneity	LAB #14 FLOOR ON CEMENTITIOUS SLAB 1X1 BEIGE - FLOOR TILE AND MASTIC Heterogeneous		
PLM NYS 198.1 Friable				Not Analyzed
PLM NYS 198.6 VCM				Not Analyzed
PLM NYS 198.6 NOB	3/4/2014	Black		Inconclusive: None Detected
TEM NYS 198.4 NOB	3/4/2014	Black		<1% Chrysotile <1% Total

Analyst(s)

Daena Charles

Feng Liang

James Hall, Laboratory Manager
or other approved signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material

-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non-asbestos containing. All samples examined for the presence of vermiculite when analyzed via NYS 198.1.

-NYS Guidelines for Vermiculite containing samples are available at http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf

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. 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 were received in good condition unless otherwise noted.

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. This report may contain data that is not covered by the NVLAP accreditation.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

BULK SAMPLE FORM

031407855

CLIENT: SUNY Purchase
ADDRESS: 735 Anderson Hill Road
Purchase, NY 10577
CONTACT: Muneza Ismail
PROJECT ID: Limited Asbestos Bulk Sampling -
Natural Science Labs 14 & 33
PROJECT #: Q14-9056

SAMPLED BY: S. Jackson / P. Page / T. McAfee
DATE SAMPLED: 26-Feb-14
ANALYSIS METHOD: QTEM / PLM
TURN-AROUND TIME: _____ HOURS
5 DAYS
_____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
9056-16	Lab #33, Wall, on Sheetrock	Cove Base Molding & Adhesive (Separate by Layers)	STOP AT FIRST POSITIVE
9056-17	Lab #14, Wall, on Sheetrock	Cove Base Molding & Adhesive (Separate by Layers)	
9056-18	Lab #33, Floor, on Cementitious Slab, 1'x 1' Beige	Floor Tile & Mastic (Separate by Layers)	STOP AT FIRST POSITIVE
9056-19	Lab #14, Floor, on Cementitious Slab, 1'x 1' Beige	Floor Tile & Mastic (Separate by Layers)	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: PCFDATE: 2/26/14RECEIVED BY: L. ColemanDATE: 2/27/14 10:30 AM

PAGE 1 OF 1

7939 0057 2978

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031408452

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Rudy Lipinski**
Quality Environmental Solution & Tech
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
Fax: (845) 298-6251
Received: 03/06/14 10:30 AM
Analysis Date: 3/11/2014
Collected: 3/5/2014

Project: Q14-9056/ SUNY PURCHASE / LIMITED ASBESTOS BULK SAMPLING/ NATURAL SCIENCE LABS 14 AND 33

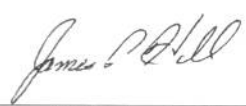
Test Report: Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9056-20-Tape 031408452-0001A	LAB 14/ PARTITION WALL TO HALLWAY/ ON SHEETROCK - JOINT COMPOUND	Cream Non-Fibrous Homogeneous	79.00% Cellulose	21.00% Non-fibrous (other)	None Detected
9056-20-Joint Compound 031408452-0001B	LAB 14/ PARTITION WALL TO HALLWAY/ ON SHEETROCK - JOINT COMPOUND	White/Yellow Non-Fibrous Heterogeneous		13.00% Mica 30.00% Ca Carbonate 55.75% Non-fibrous (other)	1.25% Chrysotile
Inseparable paint / coating layer included in analysis					
9056-21-Tape 031408452-0002A	LAB 14/ PERIMETER WALL ABOVE WINDOW ON SHEETROCK - JOINT COMPOUND	Cream Non-Fibrous Homogeneous	79.00% Cellulose	21.00% Non-fibrous (other)	None Detected
9056-21-Joint Compound 031408452-0002B	LAB 14/ PERIMETER WALL ABOVE WINDOW ON SHEETROCK - JOINT COMPOUND	White Non-Fibrous Homogeneous		3.00% Mica 57.00% Ca Carbonate 38.75% Non-fibrous (other)	1.25% Chrysotile
Result includes a small amount of inseparable attached material					
9056-22 031408452-0003	LAB 14/ SOFFIT/ ON SHEETROCK - JOINT COMPOUND	Brown/White Non-Fibrous Heterogeneous		15.00% Mica 35.00% Ca Carbonate 48.50% Non-fibrous (other)	1.50% Chrysotile

Analyst(s)

Madisen Nnaoji (5)

Steve Juszczak (5)


James Hall, 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. All samples examined for the presence of vermiculite.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

Report Amended: 03/11/2014 18:17:43 Replaces the Initial Report 03/11/2014 10:36:53. Reason Code: Data Entry-Change to Location

Test Report PLMPTC-7.25.0 Printed: 3/11/2014 6:17:43 PM

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031408452

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Rudy Lipinski**
Quality Environmental Solution & Tech
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
Fax: (845) 298-6251
Received: 03/06/14 10:30 AM
Analysis Date: 3/11/2014
Collected: 3/5/2014

Project: **Q14-9056/ SUNY PURCHASE / LIMITED ASBESTOS BULK SAMPLING/ NATURAL SCIENCE LABS 14 AND 33**

Test Report: Asbestos Analysis of Bulk Materials by PLM via the NY State ELAP 198.1 Method

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9056-23-Tape 031408452-0004A	LAB 33/ BACK PARTITION WALL/ ON SHEETROCK - JOINT COMPOUND	Cream Non-Fibrous Homogeneous	77.00% Cellulose	23.00% Non-fibrous (other)	None Detected
9056-23-Joint Compound 031408452-0004B	LAB 33/ BACK PARTITION WALL/ ON SHEETROCK - JOINT COMPOUND	White Non-Fibrous Homogeneous		2.00% Mica 67.00% Ca Carbonate 29.50% Non-fibrous (other)	1.50% Chrysotile
9056-24-Joint Compound 031408452-0005	LAB 33 /LEFT SIDE PARTITION WALL/ ON SHEETROCK - JOINT COMPOUND	White/Yellow Non-Fibrous Heterogeneous		14.00% Mica 35.00% Ca Carbonate 49.75% Non-fibrous (other)	1.25% Chrysotile
Inseparable paint / coating layer included in analysis					
9056-24-Tape 031408452-0005A	LAB 33 /LEFT SIDE PARTITION WALL/ ON SHEETROCK - JOINT COMPOUND	Cream Fibrous Homogeneous	95.00% Cellulose	5.00% Non-fibrous (other)	None Detected
9056-25 031408452-0006	LAB 33/ SOFFIT/ ON SHEETROCK - JOINT COMPOUND	Brown/White/Rust Non-Fibrous Heterogeneous		9.00% Mica 35.00% Ca Carbonate 54.75% Non-fibrous (other)	1.25% Chrysotile
Inseparable paint / coating layer included in analysis					

Analyst(s)

Madisen Nnaoji (5)

Steve Juszczuk (5)

James Hall, 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. All samples examined for the presence of vermiculite.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

Report Amended: 03/11/2014 18:17:43 Replaces the Initial Report 03/11/2014 10:36:53. Reason Code: Data Entry-Change to Location

Test Report PLMPTC-7.25.0 Printed: 3/11/2014 6:17:43 PM

THIS IS THE LAST PAGE OF THE REPORT.

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031408453

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Rudy Lipinski**
Quality Environmental Solution & Tech
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
Fax: (845) 298-6251
Received: 03/06/14 10:30 AM
Analysis Date: 3/11/2014
Collected: 3/5/2014

Project: **Q14-8056/ SUNY PURCHASE / LIMITED ASBESTOS BULK SAMPLING / NATURAL SCIENCE LABS 14 AND 33****Test Report: Asbestos Analysis of Bulk Material**

Test	Analyzed Date	Color	Non Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 8056-26 031408453-0001		Description Homogeneity	LAB 14 LAB HOOD EXHAUST DUCT ON METAL SEAMS - DUCT SEALANT Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	3/8/2014	Tan			Inconclusive: None Detected
TEM NYS 198.4 NOB	3/11/2014	Tan			<1% Anthophyllite <1% Chrysotile <1% Total

Analyst(s)

Daena Charles

Sean Scales

James Hall, Laboratory Manager
or other approved signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material

-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non-asbestos containing.
All samples examined for the presence of vermiculite when analyzed via NYS 198.1.

-NYS Guidelines for Vermiculite containing samples are available at http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf

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. 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 were received in good condition unless otherwise noted.

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. This report may contain data that is not covered by the NVLAP accreditation.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

QUALITY ENVIRONMENTAL SOLUTIONS & TECHNOLOGIES, INC.

031408452

BULK SAMPLE FORM

CLIENT: SUNY Purchase
ADDRESS: 735 Anderson Hill Road
Purchase, NY 10577
CONTACT: Muneeza Ismail
PROJECT ID: Limited Asbestos Bulk Sampling -
Natural Science Labs 14 & 33
PROJECT #: Q14-9056

SAMPLED BY: P. J. Page
DATE SAMPLED: 5-Mar-14
ANALYSIS METHOD: PLM
TURN-AROUND TIME: _____ HOURS
5 DAYS
_____ OTHER

SAMPLE # LAB#	LOCATION	SAMPLE DESCRIPTION	COMMENTS
9056-20	Lab #14, Partition Wall to Hallway, on Sheetrock	Joint Compound	
9056-21	Lab #14, Perimeter Wall, above Window, on Sheetrock	Joint Compound	
9056-22	Lab #14, Soffit, on Sheetrock	Joint Compound	
9056-23	Lab #33, Back Partition Wall, on Sheetrock	Joint Compound	
9056-24	Lab #33, Left Side Partition Wall, on Sheetrock	Joint Compound	
9056-25	Lab #33, Soffit, on Sheetrock	Joint Compound	

CHAIN OF CUSTODY (SEE LAST PAGE)

SUBMITTED BY: P. J. PageRECEIVED BY: Jemay BabonDATE: 3/5/14DATE: 3/10/2014 @ 1030AM

PAGE 1 OF 1

**EMSL Analytical, Inc.**

307 West 38th Street, New York, NY 10018

Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order: 031408453

CustomerID: QUES51

CustomerPO:

ProjectID:

Attn: **Rudy Lipinski**
Quality Environmental Solution & Tech
1376 Route 9
Wappingers Falls, NY 12590

Phone: (845) 298-6031
Fax: (845) 298-6251
Received: 03/06/14 10:30 AM
Analysis Date: 3/11/2014
Collected: 3/5/2014

Project: **Q14-8056/ SUNY PURCHASE / LIMITED ASBESTOS BULK SAMPLING / NATURAL SCIENCE LABS 14 AND 33****Test Report:Asbestos Analysis of Bulk Material**

Test	Analyzed Date	Color	Non Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 8056-26 031408453-0001		Description Homogeneity	LAB 14 LAB HOOD EXHAUST DUCT ON METAL SEAMS - DUCT SEALANT Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	3/8/2014	Tan			Inconclusive: None Detected
TEM NYS 198.4 NOB	3/11/2014	Tan			<1% Anthophyllite <1% Chrysotile <1% Total

Analyst(s)

Daena Charles

Sean Scales

James Hall, Laboratory Manager
or other approved signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material

-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non-asbestos containing.

All samples examined for the presence of vermiculite when analyzed via NYS 198.1.

-NYS Guidelines for Vermiculite containing samples are available at http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf

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. 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 were received in good condition unless otherwise noted.

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. This report may contain data that is not covered by the NVLAP accreditation.

Samples analyzed by EMSL Analytical, Inc. New York, NY NYS ELAP 11506

BULK SAMPLE FORM

SAMPLED BY: P. J. Page

DATE SAMPLED: 5-Mar-14

ANALYSIS METHOD: QTEM / PLM

TURN-AROUND TIME: _____ HOURS

5 DAYS

OTHER

PROJECT # : Q14-9056

[illegible]

SUBMITTED BY:

3/5/14

RECEIVED BY: /

DATE:

3/06 @ 1030Am

Page 1 Of 1



Quality Environmental Solutions & Technologies, Inc.

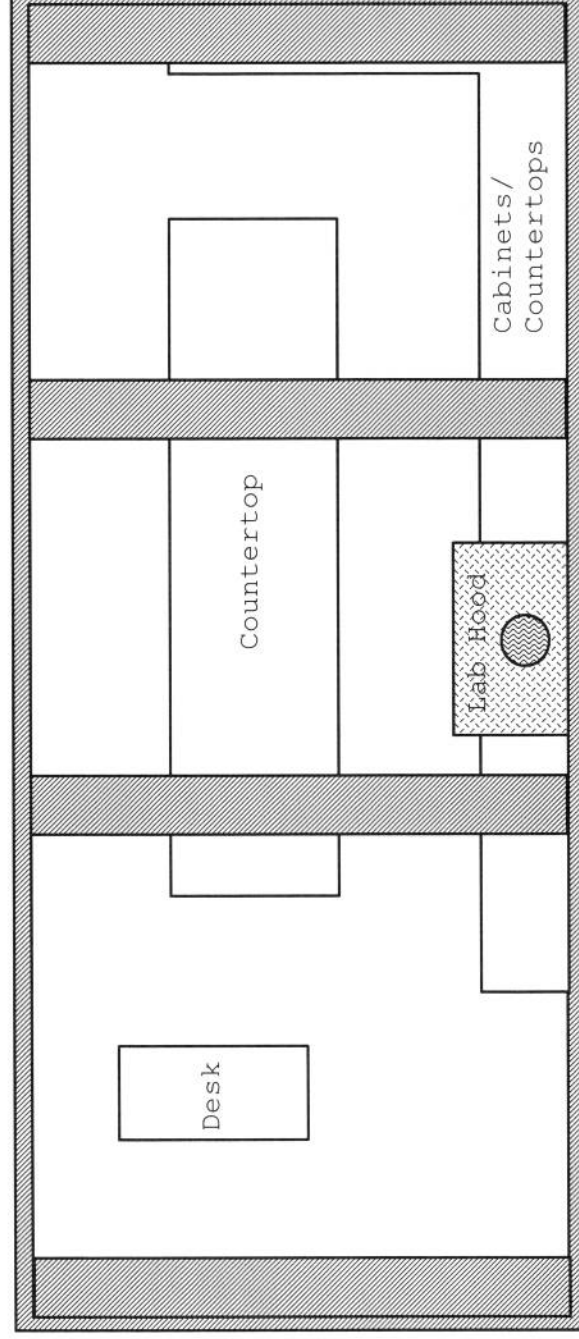
Appendix B: ACM Location Drawings

SUNY Purchase

735 Anderson Hill Rd, Purchase, NY 10577

Building 21 - Natural Sciences

*****Lab #14 - ACM Locations*****



Drawing NOT to Scale

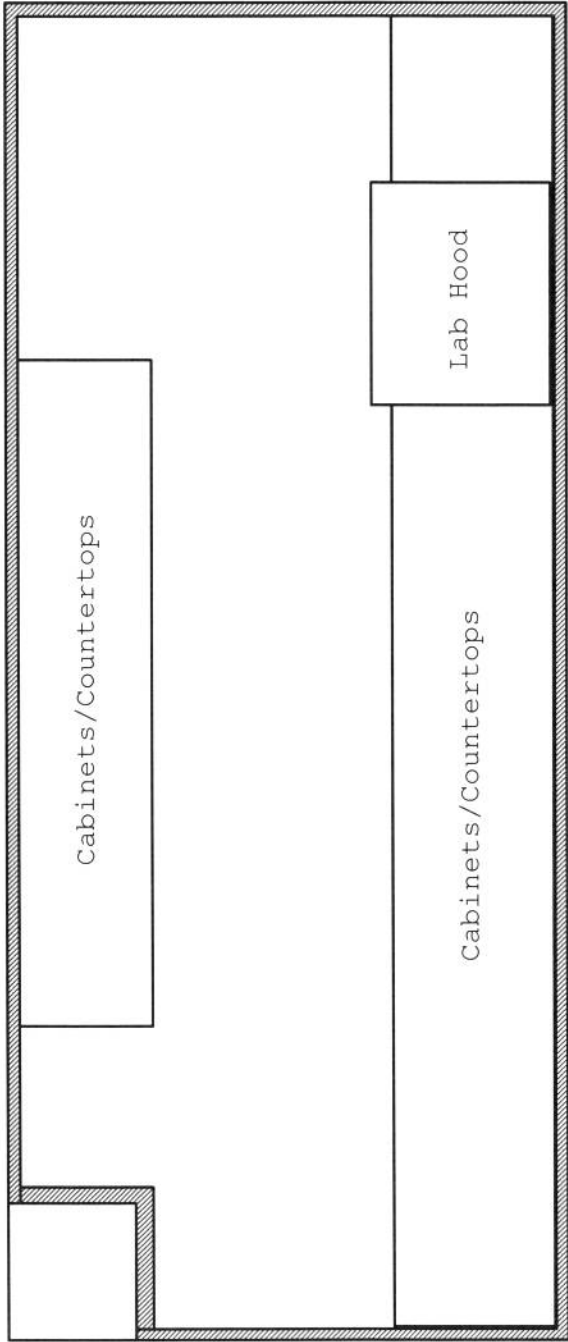
- | | | | |
|---------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------|--------------------|
|  | ACM Transite Panels |  | PACM Lab Hood Duct |
| = | Inside Lab Hood | = | Sealant |
|  | Sheetrock Walls/Soffits | | |
| = | with ACM Joint Compound | | |

SUNY Purchase

735 Anderson Hill Rd, Purchase, NY 10577

Building 21 - Natural Sciences

*****Lab #33 - ACM Locations*****



Drawing NOT to Scale

 = Sheetrock Walls / Soffits
with ACM Joint Compound



Quality Environmental Solutions & Technologies, Inc.

Appendix C: Personnel Licenses & Certifications

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**



Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

**MR. JAMES HALL
EMSL ANALYTICAL, INC
307 WEST 38TH STREET
NEW YORK, NY 10018**

NY Lab Id No: 11506

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Metals I

Lead, Total

NIOSH 7082

Miscellaneous Air

Asbestos

40 CFR 763 APX A No. III

NIOSH 7402

YAMATE, AGARWAL GIBB

Fibers

NIOSH 7400 A RULES

Serial No.: 48690

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. JAMES HALL
EMSL ANALYTICAL, INC
307 WEST 38TH STREET
NEW YORK, NY 10018

NY Lab Id No: 11506

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below:

Metals I

Lead, Total EPA 7000B

Miscellaneous

Asbestos in Friable Material EPA 800/M4/82/020
Item 198.1 of Manual

Asbestos in Non-Friable Material-PLM Item 198.8 of Manual (NOB by PLM)

Asbestos in Non-Friable Material-TEM Item 198.4 of Manual

Lead in Dust Wipes EPA 7000B

Lead in Paint EPA 7000B

Sample Preparation Methods

APP: 14.2, HUD JUNE 1995

EPA 3050B

Serial No.: 48689

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. JAMES HALL
EMSL ANALYTICAL, INC
307 WEST 38TH STREET
NEW YORK, NY 10018

NY Lab Id No: 11506

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES NON POTABLE WATER
All approved analytes are listed below:*

Bacteriology

Coliform, Fecal	SM 18-21 9222D (97)
Coliform, Total	SM 18-21 9222B (97)
Enterococci	SM 18-21 9230C (93)
Standard Plate Count	SM 18-21 9215B

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Serial No.: 48688

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2014
Issued April 01, 2013

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. JAMES HALL
EMSL ANALYTICAL, INC
307 WEST 38TH STREET
NEW YORK, NY 10018

NY Lab Id No: 11506

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards (2003) for the category
ENVIRONMENTAL ANALYSES POTABLE WATER
All approved analytes are listed below:*

Drinking Water Bacteriology

Coliform, Total / E. coli (Qualitative)	SM 18-21 9222B(97)/40CFR141.21(F)6l
	SM 18-21 9223B (97) (Colilert)
Standard Plate Count	SM 18-21 9215B

Drinking Water Miscellaneous

Asbestos	EPA 100.1
	EPA 100.2

STATE OF NEW YORK
DEPARTMENT OF HEALTH

Serial No.: 48687

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



New York State – Department of Labor

Division of Safety and Health
License and Certificate Unit
State Campus, Building 12
Albany, NY 12240

ASBESTOS HANDLING LICENSE

Quality Environmental Solutions & Technologies, Inc.

1376 Route 9

Wappinger Falls, NY 12590

FILE NUMBER: 99-0018

LICENSE NUMBER: 29085

LICENSE CLASS: RESTRICTED


DATE OF ISSUE: 01/15/2014

EXPIRATION DATE: 01/31/2015

Duly Authorized Representative – Lawrence J Holzapfel:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.



Eileen M. Franko, Acting Director
For the Commissioner of Labor



The hereto named firm is designated a

MBE

by the

Division of Minority and Women's
Business Development

QUALITY ENV SOLUTIONS & TECHNOLOGIES INC.

WAPPINGERS FALLS, NY

[Signature]

DIRECTOR

49952 - 2006

CERTIFICATE NUMBER

[Signature]

CERTIFICATION ANALYST

7/23/2011

EXPIRATION DATE

Empire State Development

November 15, 2011

Mr. Vincente Lander
Quality Environmental Solutions & Technologies, Inc.
1376 Route 9
Wappingers, Falls, New York 12590

File # 49952

Dear Mr. Lander;

On behalf of New York State Department of Economic Development, Division of Minority and Women's Business Development (DMWBD) has completed its review of your application for state certification as a **Minority-Owned Business Enterprise** and has determined that your firm meets eligibility requirements for certification, pursuant to Executive Law, Article 15-A.

We are pleased to inform you that the firm of **Quality Environmental Solutions & Technologies, Inc.** has been granted status as a **Minority-Owned Business Enterprise**. Your business will be listed in the State's Directory of certified businesses with the following list of principal products or services:

1007- Environmental Remediation/Removal Design 2070- Asbestos Abatement Plans & Compliance
246- Environmental Consultants 1017- Environmental Testing Laboratories
2159- Environmental Vocational Training

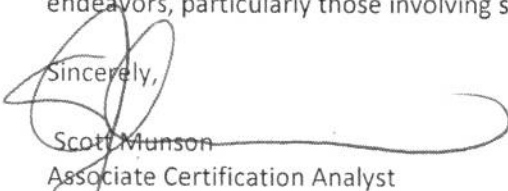
Certification status is not intended to imply that the State of New York guarantees your company's capability to perform on state contracts, nor does it imply that your company is guaranteed any state business.

Be advised that your certification **expires 3 years from the date of this letter** or unless you are contacted by the Division of Minority and Women's Business Development for recertification. Please remember that any changes in your company that affect ownership, managerial and/or operational control, must be reported to DMWBD within thirty (30) days of such changes; including changes to company name, business address, telephone numbers, principal products/services, and bonding capacity. At such time as it is necessary for your company to be recertified, you will be notified by DMWBD.

If your certification is questioned by any public or private entity, please direct the inquiry to DMWBD for clarification.

Thank you for your cooperation. On behalf of the State of New York, I wish you luck in your business endeavors, particularly those involving state agencies.

Sincerely,


Scott Munson
Associate Certification Analyst

cc: Veena Bathija

633 Third Avenue New York New York 10017 Tel 212 803 2414
Web Site: www.esd.ny.gov/mwbe.html

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



CERT# 12-10888
DMV# 216687928

PHILIP J PAGE
CLASS(EXPIRES)
C ATEC(05/14) D INSP(05/14)
H PM (05/14)



MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO
HAIR BLN
HGT 6' 00"

IF FOUND RETURN TO:
NYSOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240



12-003776374

This card acknowledges that the recipient has successfully completed a
10-hour Occupational Safety and Health Training Course in
Construction Safety and Health

Philip Page

David Veit

06/06/2012

Trainer name – print or type)

(Course end date)

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to five years, or both.

OSHA Outreach Training Program go to "Training" at www.osha.gov

Rev. 9/2009

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



TODD J MCAFEE
CLASS(EXPIRES)

C ATEC(12/14) D INSP(12/14)
H PM (12/14)

CERT# 12-10881
DMV# 238089839



EYES BLU
HAIR BRO
HGT 5' 08"

IF FOUND RETURN TO:
NYSOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS



12-003776375

This card acknowledges that the recipient has successfully completed a 10-hour Occupational Safety and Health Training Course in
Construction Safety and Health

Todd Mc Afee

David Veit

06/06/2012

Trainer name – print or type)

(Course end date)

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to five years, or both.

For OSHA Outreach Training Program go to "Training" at www.osha.gov

OSHA-309

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



STEFAN B JACKSON
CLASS(EXPIRES)
C ATEC(04/15) D INSP(04/15)
H PM (04/15)

CERT# 13-16639
DMV# 782318566

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO
HAIR BRO
HGT 5' 11"

IF FOUND RETURN TO:
NYS DOL - L&C UNIT
ROOM 161A BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240



30-010-2005-10

This card acknowledges that the recipient has successfully completed a
10-hour Occupational Safety and Health Training Course in
Construction Safety and Health

STEFAN JACKSON

Michael Millsap

(Printer name — print or type)

11/19/2010

(Course end date)

OSHA recommends Outreach Training Courses as an orientation to occupational safety and health for workers. Participation is voluntary. Workers must receive additional training on specific hazards of their job. This course completion card does not expire.

Use or distribution of this card for fraudulent purposes, including false claims of having received training, may result in prosecution under 18 U.S.C. 1001. Potential penalties include substantial criminal fines, imprisonment up to five years, or both.

© 2010 U.S. Outreach Training Program. For more information, visit www.osha-slc.gov.