



Schenectady County
Purchasing Department
ADDENDUM

620 State St.-6th Floor
Schenectady, NY 12305
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518.388.4242

RFB-2021-15
Elston Hall Facade
ADDENDUM #3

June 30, 2021

The purpose of this addendum is to provide detailed information to all Bidders. This Addendum is hereby included in and made part of the Contract Documents, whether or not attached thereto. Receipt of this Addendum must be acknowledged on the bid form.

Attached is the “Limited asbestos and lead paint inspection” report that pertains to the bid.

End of Addendum #3



REPORT OF LIMITED ASBESTOS AND LEAD PAINT INSPECTION

**Location of Inspection/
Building Owner:** Elston Hall
Schenectady County Community College
Washington Avenue
Schenectady, New York 12305



Client: Ryan-Biggs Associates, P. C.
257 Ushers Road
Clifton Park, New York 12065

Alpine Project #: 20-26296-A

Material or Area Inspected: Exterior masonry

Asbestos Material Found: Black caulk, white caulk, window sealant, black tar, gray caulk, white caulk

Lead-Based Paint: Metal Railing (5th Floor North Building East Side)

Non-Asbestos Containing Materials Tested:
Brick mortar, cast stone mortar, mortar (over windows), black cement on face or pitched cast stone, mortar at brick/cast stone separation, counter flashing caulk, caulk at railing/building joint, gray caulk daub (center-east), black sealant, sealant daubs on cast stone, silicone caulk, window caulk, brown caulk at north bumpout

Dates of Inspection: January 6, 2021

Inspection Performed By: Alpine Environmental Services, Inc.
438 New Karner Road
Albany, New York 12205
Phone (518) 250-4047

Inspector(s): Paul Van Zandt AH 95-02581
NYS Department of Labor Certified Asbestos Inspector(s)

1.0 Asbestos Inspection:

1.1 Scope and Purpose

This report is intended to document the pre-renovation asbestos inspection of the exterior masonry of Elston Hall of the Schenectady Community College located on Washington Avenue in Schenectady, New York.

“Asbestos containing materials”, as defined by the United States Environmental Protection Agency (EPA), is any material containing more than 1% asbestos as determined using the method specified in Appendix E, Subpart E, 40 CFR Part 763, Section 1, Polarized Light Microscopy. Bulk samples were collected in accordance with USEPA ASHARA protocols for number and types of samples. Materials easily crushed or pulverized by hand pressure are considered friable. Materials with a bituminous or resinous binder that are not easily crushed or pulverized by hand pressure are considered Non-friable Organically Bound (NOB). Friable and non-friable materials, excluding organically bound materials were analyzed using Polarized Light Microscopy (PLM). Non-Friable Organically Bound samples were analyzed using Transmission Electron Microscopy (TEM). All samples were analyzed by EMSL Analytical (ELAP 11506: Manhattan Lab).

1.2 Description

The exterior was constructed of red brick. Some of the windows had a pitched cast stone embellishment over them. Windows on the ground level on the east side had wooden “eyebrows” over them. These “eyebrows” were covered with copper and flashed to the building. Window caulk and window sealant were collected. The window caulk was from around the window and tended to be more pliable. The window sealant was collected from around the window frame where the frame met the brick and tended to be more rigid.

1.3 Limitation

This inspection was limited to the materials expected to become disturbed during planned repairs to the exterior masonry systems. Windows were not included in the inspection. The soffits and cornice were inaccessible at the time of inspection.

Any suspect materials found during demolition/renovation activities that are not listed in this report should be considered asbestos containing materials until tested and determined otherwise.

1.4 Results of Inspection

Bulk samples were collected as prescribed by US EPA ASHARA protocols for the numbers and types of samples. See the sample results section for all samples collected and the results of analysis.

1.5 Conclusion and Recommendations

The following asbestos containing materials were found at Elston Hall of the Schenectady Community College located on Washington Avenue in Schenectady, New York :

Homogeneous Material	Location	Substrate	Approx. Quantity	Friability	Condition
Black Caulk (8-01)	Center Core – East Elevation at Old Railing Spot	Brick	1 sf	Non-Friable	Good
White Caulk (9-01)		Brick	1 sf	Non-Friable	Good
Window Sealant (11-02)	All Windows	Brick/Wood	180 sf	Non-Friable	Good
Black Tar on Copper Roof (14-01)	South Building East Side	Metal/ Cast Stone	4 sf	Non-Friable	Good
Gray Caulk, Black Tar (15-02, 16-01)	South Building East Side Window “Eyebrows”	Metal/ Cast Stone	4 sf	Non-Friable	Good
White Caulk (18-01)	North Building East Side Window “Eyebrows”	Metal/ Cast Stone	4 sf	Non-Friable	Good
	North Building North Side	Metal/ Cast Stone	4 sf	Non-Friable	Good
Black Tar (20-01)	North Building North Side at Center Bump Out	Brick	4sf	Non-Friable	Good

Please note these quantities are only estimates and the user should field verify all quantities.

The following materials were sampled by Alpine Environmental Services and determined not to contain asbestos:

Table 2: Non-Asbestos Containing Materials Tested

Non-Asbestos Material	Locations	Sample #'s
Brick Mortar	Center Core – East Side	1-01, 1-02
Cast Stone Mortar	Center Core – East Side	2-01, 2-02
Mortar	Center Core East Side at Pitched Cast Stone over Windows	3-01, 3-02
Black Cement	Center Core East Side at Pitched Cast Stone over Windows on Face	4-01, 4-02
Mortar	North Building North Side at Brick/Cast Stone Separation	5-01, 5-02
Counter Flashing Caulk	Center Core East Side at Entry Roof	6-01, 6-02
Caulk	Center Core East Side at Railing/Building Joint (on Entry Roof)	7-01, 7-02
Gray Caulk Daub	Center Core East Side at Old Railing Spot (on Entry Roof)	10-01, 10-02
Black Sealant	Center Core East Side on Pitched Cast Stone over Windows	12-01, 12-02
Sealant Daubs	Center Core East Side on Pitched Cast Stone over Windows	13-01, 13-02
Silicone Caulk	South Building East Side at Window “Eyebrow”	17-01, 17-02
Window Caulk	North Building East Side 5 th Floor	19-01, 19-02
Brown Caulk	North Building North Side at Center Bumpout	21-01, 21-02

Any materials not sampled during this inspection should be considered suspect unless sampled and determined to be non-asbestos. All asbestos containing materials must be abated prior to the demolition/renovation of any part of the structure unless performed under a variance issued by the NYS Department of Labor. Disturbance/Abatement of any asbestos containing materials, as well as necessary air monitoring, must be performed by a NYS DOL licensed contractor, in accordance with state and federal regulations (NYS DOL ICR 56 and US EPA 40 CFR).

2.0 Lead-Based Paint Inspection

2.1 Description

Alpine analyzed representative paint samples from within the renovation area, collected from surfaces expected to be disturbed during planned renovations. The only painted surfaces that would be disturbed are metal railings at the 5th floor windows. However, there were some wooden decorative windows, soffits and cornices that were inaccessible at the time of inspection and are assumed to contain lead-based paint. Lead is also assumed present at the copper roof and flashing joints.

The U.S. Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint in Housing (2012 Revision) define lead-based paint as having a lead content of 1.0mg/cm² as measured by x-ray fluorescence (XRF). However, OSHA considers paint with any detectable amount of lead to be lead-based paint. Alpine Environmental Services, Inc. has concluded through XRF analysis that lead above detectable limits was found in the following areas:

Sample #	Location	Lead Concentration (mg/cm ²)	OSHA Lead Based Paint?
1	5 th Floor Railing	20.7	Yes
	Wooden Windows	Assumed	Yes
	Soffits and Cornices	Assumed	Yes
	Copper Roof and Flashing Joints	Assumed	Yes

2.2 Recommendations:

Although Alpine collected representative paint chip samples throughout the planned renovation area, if there is an area that was not represented, the area should be considered lead-based paint unless proven otherwise.

OSHA requires that the employer conduct an initial exposure assessment when working with lead paint (29CFR1926.62). Until the employer performs an employee exposure assessment as required by OSHA, the employer shall provide to the employees the following; appropriate respiratory protection, personal protective clothing and equipment, change areas, hand washing facilities, biological monitoring and training.

If Alpine Environmental Services can be of further assistance on this matter, please contact our office at (518) 250-4047.

Sincerely,

Alpine Environmental Services, Inc.

Paul Van Zandt

NYS Dept. of Labor Asbestos Inspector Certificate # AH95-02581

Enclosures: Results, NYSDOL Handling License(s), NYSDOL Handling Certificate(s), NYSDOH ELAP License(s)

Site Photos



Asbestos Black and White Caulk – Center Core East Side at Old Railing Spot



Asbestos Window Sealant

Site Photos



Asbestos Black & Gray Tar on Copper Roof – South Building East Side



Asbestos Black Tar on Window "Eyebrows" – South Building East Side

Site Photos



Asbestos White Caulk – North Building East Side Window “Eyebrows”



Asbestos Black Tar – North Building North Side Bump Out



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018
Tel/Fax: (212) 290-0051 / (212) 290-0058
<http://www.EMSL.com / manhattanlab@emsl.com>

EMSL Order: 032100204
Customer ID: ALPI50
Customer PO:
Project ID:

Attention: Alpine Environmental Services
438 New Karner Road
Albany, NY 12205
Phone: (518) 250-4047
Fax:
Received Date: 01/07/2021 10:30 AM
Analysis Date: 01/08/2021 - 01/10/2021
Collected Date: 01/06/2021
Project: 21-26296-A/ ELSTON HALL/ SCCC/ SCHENECTADY NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 1-01 032100204-0001			Description CENTER CORE - EAST ELEVATION - BRICK MORTAR Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/08/2021	Gray		20.00% Ca Carbonate 32.00% Non-fibrous (other) 48.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 1-02 032100204-0002			Description CENTER CORE - EAST ELEVATION - BRICK MORTAR Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/10/2021	Gray		40.00% Ca Carbonate 5.00% Mica 30.00% Non-fibrous (other) 25.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 2-01 032100204-0003			Description CENTER CORE - EAST ELEVATION - CAST STONE MORTAR Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/08/2021	Gray		20.00% Ca Carbonate 5.00% Mica 27.00% Non-fibrous (other) 48.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 2-02 032100204-0004			Description CENTER CORE - EAST ELEVATION - CAST STONE MORTAR Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/10/2021	Gray	2.00% Cellulose	15.00% Ca Carbonate 3.00% Mica 55.00% Non-fibrous (other) 25.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

Initial report from: 01/10/2021 12:30:01



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EMSL Order: 032100204
Customer ID: ALPI50
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 3-01 <i>032100204-0005</i>		Description	CTR CORE E ELEVATION AT PITCHED CAST STONE OVER WINDOW - MORTAR		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/08/2021	Gray		20.00% Ca Carbonate 2.00% Mica 36.00% Non-fibrous (other) 42.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 3-02 <i>032100204-0006</i>		Description	CTR CORE E ELEVATION AT PITCHED CAST STONE OVER WINDOW - MORTAR		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/10/2021	Brown		40.00% Ca Carbonate 5.00% Mica 35.00% Non-fibrous (other) 20.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 4-01 <i>032100204-0007</i>		Description	CTR CORE E ELEVATION AT PITCHED CAST STONE OVER WINDOW - BLACK CEMENT ON FACE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/08/2021	Black		20.00% Ca Carbonate 3.00% Mica 77.00% Non-fibrous (other)	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 4-02 <i>032100204-0008</i>		Description	CTR CORE E ELEVATION AT PITCHED CAST STONE OVER WINDOW - BLACK CEMENT ON FACE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/10/2021	Brown/ Black		35.00% Ca Carbonate 5.00% Mica 35.00% Non-fibrous (other) 25.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 5-01 <i>032100204-0009</i>		Description	NORTH BLDG NORTH ELEVATION AT BRICK / CAST STONE SEPARATION - MORTAR		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/08/2021	Gray		20.00% Ca Carbonate 3.00% Mica 32.00% Non-fibrous (other) 45.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

Initial report from: 01/10/2021 12:30:01



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

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

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

EMSL Order: 032100204

Customer ID: ALPI50

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 5-02 032100204-0010			Description NORTH BLDG NORTH ELEVATION AT BRICK / CAST STONE SEPARATION - MORTAR		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/10/2021	Brown	2.00% Cellulose	45.00% Ca Carbonate 3.00% Mica 30.00% Non-fibrous (other) 20.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

Initial report from: 01/10/2021 12:30:01



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EMSL Order: 032100204
Customer ID: ALPI50
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via NYS ELAP Approved Methods. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date: 1/7/2021
Analysis Completed Date: 1/8/2021

Sample Receipt Time: 10:30 AM
Analysis Completed Time: 5:27 PM

Analyst(s):

Kerrie Gibson PLM NYS 198.1 Friable (5)

Tiquasha Thompson PLM NYS 198.1 Friable (5)

Samples reviewed and approved by:

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, NVLAP Lab Code 101048-9

Initial report from: 01/10/2021 12:30:01

032100204

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: Elston Hall, SCCC, Schenectady, NY
438 New Karner Road Project Number: 21-26296-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/06/21
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: FedEx 7960 1461 4987
 Turnaround Time: 72 Hr

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes	
	1-01	Center Core – East Elevation	Brick Mortar	NYS PLM <i>(Signature)</i>	Stop at 1 st Positive	
	1-02	Center Core – East Elevation	Brick Mortar		1-01 to 1-02	
	2-01	Center Core – East Elevation	Cast Stone Mortar		Stop at 1 st Positive	
	2-02	Center Core – East Elevation	Cast Stone Mortar		2-01 to 2-02	
	3-01	Ctr Core E. Elevation at Pitched Cast Stone Over Window	Mortar		Stop at 1 st Positive	
	3-02	Ctr Core E. Elevation at Pitched Cast Stone Over Window	Mortar		3-01 to 3-02	
	4-01	Ctr Core E. Elevation at Pitched Cast Stone Over Window	Black Cement on Face		Stop at 1 st Positive	
	4-02	Ctr Core E. Elevation at Pitched Cast Stone Over Window	Black Cement on Face		4-01 to 4-02	
	5-01	North Bldg. North Elevation at Brick/Cast Stone Separation	Mortar		Stop at 1 st Positive	
	5-02	North Bldg. North Elevation at Brick/Cast Stone Separation	Mortar		5-01 to 5-02	

Disposition of Samples: Accept _____ Reject _____ Explain _____
 Comments:

20 JAN -7
 ERSL MANHATTAN LAB
 RECEIVED

Relinquished By:	Received By:	Date:	Time:
<i>PVZ</i>	<i>(Signature)</i>	1-7-2021 @ 10:00A	10:00

Quantity
 1/8/21 5:54pm

K. Gibson
 01-10-2021



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018
Tel/Fax: (212) 290-0051 / (212) 290-0058
<http://www.EMSL.com / manhattanlab@emsl.com>

EMSL Order: 032100202
Customer ID: ALPI50
Customer PO:
Project ID:

Attention: Alpine Environmental Services
438 New Karner Road
Albany, NY 12205
Phone: (518) 250-4047
Fax:
Received Date: 01/07/2021 10:28 AM
Analysis Date: 01/09/2021 - 01/10/2021
Collected Date: 01/06/2021
Project: 21-26296-A/ ELSTON HALL / SCCC/ SCHNECTADY, NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 6-01 <i>032100202-0001</i>		Description	CENTER CORE - EAST ELEVATION - COUNTER FLASHING CAULKING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Gray		100.00% Other	None Detected
Sample ID 6-02 <i>032100202-0002</i>		Description	CENTER CORE - EAST ELEVATION - COUNTER FLASHING CAULKING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Gray		100.00% Other	None Detected
Sample ID 7-01 <i>032100202-0003</i>		Description	CENTER CORE - EAST ELEVATION - CAULK AT RAILING BLDG JOINT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	White		100.00% Other	None Detected
Sample ID 7-02 <i>032100202-0004</i>		Description	CENTER CORE - EAST ELEVATION - CAULK AT RAILING BLDG JOINT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	White		100.00% Other	None Detected
Sample ID 8-01 <i>032100202-0005</i>		Description	CENTER CORE - EAST ELEVATION AT OLD RAILING SPOT - BLACK CAULK		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black	None	92.60% Other	7.40% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)

Initial report from: 01/10/2021 08:44:21



EMSL Analytical, Inc.

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

EMSL Order: 032100202
Customer ID: ALPI50
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 8-02 <i>032100202-0006</i>		Description	CENTER CORE - EAST ELEVATION AT OLD RAILING SPOT - BLACK CAULK		
		Homogeneity			
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 9-01 <i>032100202-0007</i>		Description	CENTER CORE - EAST ELEVATION AT OLD RAILING SPOT - WHITE CAULK		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray/ White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Gray/ White	None	97.40% Other	2.60% Chrysotile
Sample ID 9-02 <i>032100202-0008</i>		Description	CENTER CORE - EAST ELEVATION AT OLD RAILING SPOT - WHITE CAULK		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray/ White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021				Positive Stop (Not Analyzed)
Sample ID 10-01 <i>032100202-0009</i>		Description	CENTER CORE - EAST ELEVATION AT OLD RAILING SPOT - GRAY CAULK DAUB		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray/ White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Gray/ White		100.00% Other	None Detected
Sample ID 10-02 <i>032100202-0010</i>		Description	CENTER CORE - EAST ELEVATION AT OLD RAILING SPOT - GRAY CAULK DAUB		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray/ White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Gray/ White		100.00% Other	None Detected
Sample ID 11-01 <i>032100202-0011</i>		Description	CENTER CORE - EAST ELEVATION - WINDOW SEALANT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray	None	100.00% Other	Inconclusive : <1% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)

Initial report from: 01/10/2021 08:44:21



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

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

EMSL Order: 032100202
Customer ID: ALPI50
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 11-02 <i>032100202-0012</i>		Description	NORTH BLDG - NORTH ELEVATION - WINDOW SEALANT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray/ White	None	98.30% Other	1.70% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 12-01 <i>032100202-0013</i>		Description	CTR CORE E ELEV ON PITCEHED CAST STONE OVER WINDOW - BLACK SEALANT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Black		100.00% Other	None Detected
Sample ID 12-02 <i>032100202-0014</i>		Description	CTR CORE E ELEV ON PITCEHED CAST STONE OVER WINDOW - BLACK SEALANT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Black		100.00% Other	None Detected
Sample ID 13-01 <i>032100202-0015</i>		Description	CTR CORE E ELEV ON PITCEHED CAST STONE OVER WINDOW - SEALANT DAUBS ON TOP		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Black		100.00% Other	None Detected
Sample ID 13-02 <i>032100202-0016</i>		Description	CTR CORE E ELEV ON PITCEHED CAST STONE OVER WINDOW - SEALANT DAUBS ON TOP		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Black		100.00% Other	None Detected
Sample ID 14-01 <i>032100202-0017</i>		Description	SOUTH BLDG EAST ELEVATION - BLACK TAR ON COPPER ROOF		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black	None	90.00% Other	10.00% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)

Initial report from: 01/10/2021 08:44:21



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

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

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

EMSL Order: 032100202

Customer ID: ALPI50

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 14-02 032100202-0018		Description Homogeneity	SOUTH BLDG EAST ELEVATION - BLACK TAR ON COPPER ROOF		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 15-01 032100202-0019		Description Homogeneity	SOUTH BLDG EAST ELEVATION AT WINDOW "EYEBROW" - GRAY CAULK		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray/ Black	None	100.00% Other	Inconclusive : <1% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 15-02 032100202-0020		Description Homogeneity	SOUTH BLDG EAST ELEVATION AT WINDOW "EYEBROW" - GRAY CAULK		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray/ Black	None	98.20% Other	1.80% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 16-01 032100202-0021		Description Homogeneity	SOUTH BLDG EAST ELEVATION AT WINDOW "EYEBROW" - BLACK TAR		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black	None	92.70% Other	7.30% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 16-02 032100202-0022		Description Homogeneity	SOUTH BLDG EAST ELEVATION AT WINDOW "EYEBROW" - BLACK TAR		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 17-01 032100202-0023		Description Homogeneity	SOUTH BLDG EAST ELEVATION AT WINDOW "EYEBROW" - SILICONE CAULK		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Tan		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Tan		100.00% Other	None Detected

Initial report from: 01/10/2021 08:44:21



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307 West 38th Street New York, NY 10018

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

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

EMSL Order: 032100202

Customer ID: ALPI50

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 17-02 032100202-0024			Description SOUTH BLDG EAST ELEVATION AT WINDOW "EYEBROW" - SILICONE CAULK Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Tan		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Tan		100.00% Other	None Detected
Sample ID 18-01 032100202-0025			Description NORTH BUILDING EAST ELEVATION AT WINDOW "EYEBROW" - WHITE CAULK Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Tan	None	93.00% Other	7.00% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 18-02 032100202-0026			Description NORTH BUILDING EAST ELEVATION AT WINDOW "EYEBROW" - WHITE CAULK Homogeneity		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 19-01 032100202-0027			Description NORTH BUILDING EAST ELEVATION 5TH FLOOR - WINDOW CAULK Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Tan		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Tan	None	100.00% Other	<1% Chrysotile
Sample ID 19-02 032100202-0028			Description NORTH BUILDING EAST ELEVATION 5TH FLOOR - WINDOW CAULK Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Tan	None	100.00% Other	Inconclusive : <1% Chrysotile
TEM NYS 198.4 NOB	01/10/2021	Tan	None	100.00% Other	<1% Chrysotile
Sample ID 20-01 032100202-0029			Description NORTH BUILDING NORTH ELEVATION CENTER BUMP OUT - BLACK TAR Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Gray	None	98.70% Other	1.30% Chrysotile
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)

Initial report from: 01/10/2021 08:44:21



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

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

EMSL Order: 032100202
Customer ID: ALPI50
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 20-02 <i>032100202-0030</i>		Description	NORTH BUIDLING NORTH ELEVATION CENTER BUMP OUT - BLACK TAR		
		Homogeneity			
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/09/2021				Positive Stop (Not Analyzed)
Sample ID 21-01 <i>032100202-0031</i>		Description	NORTH BUIDLING NORTH ELEVATION CENTER BUMP OUT - BROWN CAULK		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Black		100.00% Other	None Detected
Sample ID 21-02 <i>032100202-0032</i>		Description	NORTH BUIDLING NORTH ELEVATION CENTER BUMP OUT - BROWN CAULK		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2021	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2021	Black		100.00% Other	None Detected

Initial report from: 01/10/2021 08:44:21



EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

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

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

EMSL Order: 032100202
Customer ID: ALPI50
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via NYS ELAP Approved Methods . The reference number for these samples is the EMSL Order ID above . Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date: 1/7/2021
Analysis Completed Date: 1/9/2021

Sample Receipt Time: 10:28 AM
Analysis Completed Time: 12:29 PM

Analyst(s):

Tiquasha Thompson PLM NYS 198.6 NOB (27)

Ted Lam TEM NYS 198.4 NOB (17)

Samples reviewed and approved by:

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, NVLAP Lab Code 101048-9

Initial report from: 01/10/2021 08:44:21

032100202

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: Elston Hall, SCCC, Schenectady, NY
438 New Karner Road Project Number: 21-26296-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/06/21
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: FedEx 7960 1461 4987
 Turnaround Time: 72 Hr

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	6-01	Center Core – East Elevation	Counter Flashing Caulk	NYS Protocol (Handwritten marks: a circled '72', a circled 'A', and '72' written vertically)	Stop at 1 st Positive
	6-02	Center Core – East Elevation	Counter Flashing Caulk		6-01 to 6-02
	7-01	Center Core – East Elevation	Caulk at Railing/ Bldg Joint		Stop at 1 st Positive
	7-02	Center Core – East Elevation	Caulk at Railing/ Bldg Joint		7-01 to 7-02
	8-01	Center Core – East Elevation at Old Railing Spot	Black Caulk		Stop at 1 st Positive
	8-02	Center Core – East Elevation at Old Railing Spot	Black Caulk		8-01 to 8-02
	9-01	Center Core – East Elevation at Old Railing Spot	White Caulk		Stop at 1 st Positive
	9-02	Center Core – East Elevation at Old Railing Spot	White Caulk		9-01 to 9-02
	10-01	Center Core – East Elevation at Old Railing Spot	Gray Caulk Daub		Stop at 1 st Positive
	10-02	Center Core – East Elevation at Old Railing Spot	Gray Caulk Daub		10-01 to 10-02
	11-01	Center Core – East Elevation	Window Sealant		Stop at 1 st Positive
	11-02	North Building – North Elevation	Window Sealant	11-01 to 11-02	

Disposition of Samples: Accept _____ Reject _____ Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
<i>Paul Van Zandt</i>	<i>[Signature]</i>	1-7-2021	@ 10:28 AM

10 JAN -7 AM 10:28
 RECEIVED
 EAST MANHATTAN LAB

[Handwritten signatures and dates]
 1/9/21

032100202

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: Elston Hall, SCCC, Schenectady, NY
438 New Karner Road Project Number: 21-26296-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/06/21
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: FedEx 7960 1461 4987
 Turnaround Time: 72 Hr

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	12-01	Ctr Core E. Elev. on Pitched Cast Stone Over Window	Black Sealant	NYS Protocol	Stop at 1 st Positive
	12-02	Ctr Core E. Elev. on Pitched Cast Stone Over Window	Black Sealant		12-01 to 12-02
	13-01	Ctr Core E. Elev. on Pitched Cast Stone Over Window	Sealant Daubs on Top		Stop at 1 st Positive
	13-02	Ctr Core E. Elev. on Pitched Cast Stone Over Window	Sealant Daubs on Top		13-01 to 13-02
	14-01	South Building – East Elevation	Black Tar on Copper Roof		Stop at 1 st Positive
	14-02	South Building – East Elevation	Black Tar on Copper Roof		14-01 to 14-02
	15-01	South Building – East Elevation at Window “Eyebrow”	Gray Caulk		Stop at 1 st Positive
	15-02	South Building – East Elevation at Window “Eyebrow”	Gray Caulk		15-01 to 15-02
	16-01	South Building – East Elevation at Window “Eyebrow”	Black Tar		Stop at 1 st Positive
	16-02	South Building – East Elevation at Window “Eyebrow”	Black Tar		16-012 to 16-02
	17-01	South Building – East Elevation at Window “Eyebrow”	Silicone Caulk		Stop at 1 st Positive
	17-02	South Building – East Elevation at Window “Eyebrow”	Silicone Caulk		17-01 to 17-02

Disposition of Samples: Accept Reject Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
<i>Paul Van Zandt</i>	<i>P. Van Zandt</i>	1-7-2021	010721


20 JAN 2021
 EMSL MANHATTAN LAB
 RECEIVED
 AM 11:28

Questing
 1/9/21

032100202


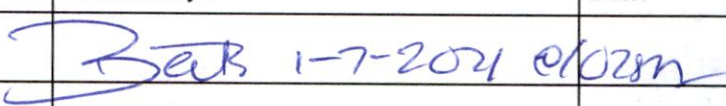
CHAIN OF CUSTODY


Client: Alpine Environmental Services, Inc. Project: Elston Hall, SCCC, Schenectady, NY
438 New Karner Road Project Number: 21-26296-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/06/21
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: FedEx 7960 1461 4987
 Turnaround Time: 72 Hr

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes	
	18-01	North Building – East Elevation at Window “Eyebrow”	White Caulk	NYS Protocol 	Stop at 1 st Positive	
	18-02	North Building – East Elevation at Window “Eyebrow”	White Caulk		18-01 to 18-02	
	19-01	North Building – East Elevation 5 th Floor	Window Caulk		Stop at 1 st Positive	
	19-02	North Building – East Elevation 5 th Floor	Window Caulk		19-01 to 19-02	
	20-01	North Building – North Elevation Center Bump Out	Black Tar		Stop at 1 st Positive	
	20-02	North Building – North Elevation Center Bump Out	Black Tar		20-01 to 20-02	
	21-01	North Building – North Elevation Center Bump Out	Brown Caulk		Stop at 1 st Positive	
	21-02	North Building – North Elevation Center Bump Out	Brown Caulk		21-01 to 21-02	

20 JAN - 7 AM 10:23
 ENSL MANHATTAN LAB RECEIVED

Disposition of Samples: Accept Reject Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
		1-7-2021	01:02pm


 1/9/21

No	Time	Fl	Room	Rm#	Sd	Component	Feature	Condition	Substrate	Results	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error	Units	Dpth	Dur
1	1/12/2021 14:19					Shutter Calibrate					13.6	0	2.6	0	0.03	0	cps		32
2	1/12/2021 14:19					Calibrate		Intact	Metal	Negative	0.9	0.1	0.9	0.1	< LOD	0.9	mg/cm ²	1.05	10.4
3	1/12/2021 14:20					Calibrate		Intact	Metal	Positive	1	0.1	1	0.1	< LOD	0.55	mg/cm ²	2.62	22.3
4	1/12/2021 14:20			5	Exterior	B Railing		Peeling	Metal	Positive	20.7	4.1	2.9	0.6	20.7	4.1	mg/cm ²	1.81	2.59
5	1/12/2021 14:21					Calibrate		Intact	Metal	Negative	0.8	0.1	0.8	0.1	< LOD	1.01	mg/cm ²	1.04	6.76
6	1/12/2021 14:21					Calibrate		Intact	Metal	Positive	1	0.1	1	0.1	< LOD	0.56	mg/cm ²	2.51	21.9

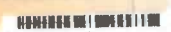
STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



PAUL W VANZANDT
CLASS(EXPIRES)
C ATEC(02/21) D INSP(02/21)
H PM (02/21)

CERT# 95-02581
DMV# 893739101

MUST BE CARRIED ON ASBESTOS PROJECTS



United States Environmental Protection Agency

This is to certify that



Paul Walter Van Zandt

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires March 07, 2022

LBP-R-1262-1

Certification #

September 20, 2018

Issued On

A handwritten signature in black ink, appearing to read "John Gorman".

John Gorman, Chief

Pesticides & Toxic Substances Branch



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

Alpine Environmental Services, Inc.

438 New Karner Road

Albany, NY 12205

FILE NUMBER: 00-0320

LICENSE NUMBER: 29095

LICENSE CLASS: RESTRICTED

DATE OF ISSUE: 07/06/2020

EXPIRATION DATE: 07/31/2021

Duly Authorized Representative – Craig Petreikis:

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, Director
For the Commissioner of Labor

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2021
Issued April 01, 2020

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:*

Miscellaneous

Asbestos in Friable Material	Item 198.1 of Manual EPA 600/M4/82/020
Asbestos in Non-Friable Material-PLM	Item 198.6 of Manual (NOB by PLM)
Asbestos in Non-Friable Material-TEM	Item 198.4 of Manual
Asbestos-Vermiculite-Containing Material	Item 198.8 of Manual



Serial No.: 61413

Property of the New York State Department of Health. Certificate 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.

United States Environmental Protection Agency

This is to certify that



Alpine Environmental Services, Inc.

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226

In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and Territories

This certification is valid from the date of issuance and expires February 21, 2022

LBP-113-1

Certification #

September 27, 2018

Issued On

Michelle Price, Chief

Lead, Heavy Metals, and Inorganics Branch