



REPORT OF PRE-RENOVATION ASBESTOS INSPECTION



Location of Inspection: 20 Lake Street
Richfield Springs, New York 13439

**Client/
Building Owner:** Greater Mohawk Valley Land Bank
500 East Main Street, Suite 2A
Little Falls, New York 13365

Alpine Project #: 19-23711-A

Material or Area Inspected: Whole building

Asbestos Materials Tested: Cement board, plaster, drywall compound, wall tile adhesive, 9"x9" floor tile, floor tile, linoleum, flooring, sink insulation, roofing (assumed)

Non-Asbestos Containing Materials: White blanket, ceramic floor tile, stone foundation mortar, stucco, paper over tarpaper, drywall, textured ceiling, ceramic wall tile & grout, carpet mastic, covebase & mastic, plastic wall tile adhesive, shower adhesive, black membrane (basement), tar paper (basement), wire insulation, window glazing, shingles

Date(s) of Inspection: January 10, 2019
Report Date: January 29, 2019

Inspection Performed By: Alpine Environmental Services, Inc.
438 New Karner Road
Albany, New York 12205

Inspector(s): Paul Van Zandt: NYSDOL Cert.#AH95-02581
NYS Department of Labor Certified Asbestos Inspector

Scope and Purpose

This report is intended to document the pre-renovation asbestos inspection of the building located at 20 Lake Street, Richfield Springs, New York.

“Asbestos containing materials”, as defined by the United States Environmental Protection Agency (EPA), is any material containing greater than 1% by weight of asbestos. Friable samples (samples easily crushed/pulverized by hand pressure), were analyzed via Polarized Light Microscopy (PLM) and Non-Friable samples (samples not easily crushed/pulverized by hand pressure), were analyzed via Transmission Electron Microscopy (TEM) by EMSL Laboratory of New York, New York, a New York State Department of Health Approved Laboratory (ELAP #11506).

Description

The building was a vacant three-story, multi-family residential wood structure with a basement. The house was constructed in 1950. The heating system was forced air through metal ductwork or individual units in each apartment. The individual heating units in each apartment were contained in a closet. The closet was lined with cement board. No pipe insulation was observed. There was a stone foundation. No waterproofing was observed or suspected. Floors were wood and covered with vinyl tile, linoleum and other flooring. Walls and ceilings were plaster or drywall. No window or door caulk was observed.

Limitations

Quantities of asbestos containing materials were estimated and the user must field verify all quantities. The main roof was inaccessible at the time of inspection. There was a rear apartment on the first floor that was inaccessible at the time of inspection.

Results of Asbestos Inspection

Bulk samples were collected, as prescribed by US EPA ASHARA protocols for the number and types of samples. The following asbestos containing materials were found at 20 Lake Street, Richfield Springs, New York:

ACM (Sample #s)	Location	Quantity	Substrate	Friability	Condition
Floors					
9"x9" Floor Tile (13-01)	Basement	1,031 sq. ft.	Concrete	Non- Friable	Damaged
9"x9" Floor Tile (14-01)	Unit 3 Kitchen (113)	100 sq. ft.	Wood	Non- Friable	Good
Floor Tile (20-01)	Kitchen 200A	132 sq. ft.	Wood	Non- Friable	Good
Floor Tile (21-01)	Bath 200	45 sq. ft.	Wood	Non- Friable	Good
Linoleum (24-01)	Kitchen 203	170 sq. ft.	Wood	Non- Friable	Good

ACM (Sample #s)	Location	Quantity	Substrate	Friability	Conditon
Flooring Cont'd					
Flooring (25-02)	Bath 204	40 sq. ft.	Wood	Non-Friable	Good
Flooring (29-01)	Hall 207	55 sq. ft.	Wood	Non-Friable	Good
Walls/Ceilings					
Plaster (7A-03,7A-04, 7A-05,7A-06)	1 st Floor	3,015 sq. ft.	Wood	Friable	Good
	2 nd Floor	10,256 sq. ft.	Wood	Friable	Damaged
	3 rd Floor	9,400 sq. ft.	Wood	Friable	Damaged
Drywall Compound (9-03)	1 st Floor	3,421 sq. ft.	Wood	Friable	Good
Assumed	1 st Floor (Rear Apt.)	2,000 sq. ft.**	Wood	Friable	Unknown
Wall Tile Adhesive (11M-01, 12M-01)	Kitchen 203	64 sq. ft.	Plaster	Non-Friable	Good
	Bath 204	32 sq. ft.	Plaster	Non-Friable	Good
Misc.					
Cement Board (1-01)	Basement	20 sq. ft.	Wood	Non-Friable	Good
	2 nd Floor Heater Closets	660 sq. ft.	Wood	Non-Friable	Good
Sink Insulation (38-01)	Kitchen 203	4 sq. ft.	Metal	Non-Friable	Good
Roofing					
Roofing (Assumed to Contain Asbestos)	Roof	3,750 sq. ft.	Wood	Non-Friable	Good

*Quantities are estimates only and should be field verified by the user. **Estimated because inaccessible at time of inspection.

The following materials were sampled and determined not to contain asbestos:

Non-Asbestos Material	Locations	Sample #s
Floors		
Ceramic Floor Tile	1 st Floor	3-01, 3-02
12"x12" Floor Tile	Unit 1 Kitchen (100)	15-01, 15-02
	Unit 1 Bath (102), Unit 1 Kitchen Countertop	16-01, 16-02
	Kitchen 209	32-01, 32-02
12"x12" Floor Tile & Mastic	Unit 2 Entry (Vestibule)	17-01, 17-02
	Kitchen 205	27-01, 27-02
Self Stick Floor Tile	Unit 2 Living Room (104)	18-01, 18-02
	Unit 3 (Bath 114)Bath	19-01, 19-02
	Room 202	23-01, 23-02
	Kitchen 207	30-01, 30-02
Linoleum	Room 201 Closet	22-01, 22-02
	Room 204 Closet	26-01, 26-02
Flooring	Hall 205 (206)	28-01, 28-02
	Bath 208	31-01, 31-02
Carpet Mastic	Unit 1 (LR 101), Unit 2 (LR 104)	33-01, 33-02
Covebase & Mastic	Unit 1 Kitchen (100), Room 201	34-01, 34-02
Walls		
Stone Foundation Mortar	Basement	4-01, 4-02
Stucco	Basement	5-01, 5-02
Paper over Tar Paper	Basement	6-01, 6-02
Drywall	Unit 1 (Kitchen 100), Unit 3 (Bedroom 111)	8-01, 8-02
Ceramic Wall Tile & Grout	Kitchen 203 Backsplash	11-01, 11-02, 11G-01, 11G-02
	Bath 204	12-01, 12-02, 12G-01,12G-02
Plastic Wall Tile Adhesive	Unit 1 Bath (102), Bath 206	35-01, 35-02
Tar Paper	Basement on Walls	39-01, 39-02
Ceilings		
Textured Ceiling	Unit 1 Living Room & Bedroom, Unit 3 Living Room	10-01, 10-02, 10-03
Misc.		
White Blanket	Basement on Duct Adjacent Furnace	2-01,2-02
Shower Adhesive	Unit 1 Bath (102)	36-01, 36-02
Black Membrane	Basement Floor in Roll	37-01, 37-02
Wire Insulation	3 rd Floor	40-01, 40-02
Exterior		
Window Glazing	Exterior	41-01, 41-02
Roofing		
Shingle	Side Porch Roof	42-01, 42-02

Conclusion & Recommendations

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 of the structures 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).

If Alpine Environmental Services can be of further assistance on this matter, please contact Craig Petreikis at either (518) 250-4047 ext. 313 or craigp@alpineenv.com.

Sincerely,

Alpine Environmental Services, Inc.



Paul Van Zandt
NYS Dept. of Labor Asbestos Inspector

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

Site Photos



9"x9" Floor Tile - Basement



9"x9" Floor Tile – Kitchen 113

Site Photos



Floor Tile (Bottom Layer) – Kitchen 200



Linoleum, Sink Insulation & Wall Tile Adhesive – Kitchen 203

Site Photos



Plaster – Room 207



Cement Board – Room 200 Heater Closet

Site Photos



Cement Board – Basement Ceiling



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EMSL Order: 031900712
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: 01/12/2019 11:17 AM
Analysis Date: 01/16/2019
Collected Date: 01/10/2018
Project: 18-23711-A/ 20 LAKE ST, RICHFIELD SPRINGS, NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 1-01 <i>031900712-0001</i>		Description	ROOM 200 FURNACE CLOSET - CEMENT BOARD		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	None	76.00% Non-fibrous (other)	24.00% Chrysotile
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 <i>031900712-0002</i>		Description	ROOM 202 FURNACE CLOSET - CEMENT BOARD		
		Homogeneity			
PLM NYS 198.1 Friable	01/16/2019				Positive Stop (Not Analyzed)
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 <i>031900712-0003</i>		Description	BASEMENT ON DUCT ADJ FURNACE - WHITE BLANKET		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White	92.00% Min. Wool	8.00% 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 2-02 <i>031900712-0004</i>		Description	BASEMENT ON DUCT ADJ FURNACE - WHITE BLANKET		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White	82.00% Min. Wool	18.00% 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 3-01 <i>031900712-0005</i>		Description	ROOM 204 BATH - CERAMIC FLOOR TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Brown/ White		100.00% 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

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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 3-02 <i>031900712-0006</i>			Description ROOM 204 BATH - CERAMIC FLOOR TILE Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Brown		100.00% 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 4-01 <i>031900712-0007</i>			Description BASEMENT - STONE FOUNDATION MORTAR Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Brown		70.00% Non-fibrous (other) 30.00% 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 4-02 <i>031900712-0008</i>			Description BASEMENT - STONE FOUNDATION MORTAR Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	3.00% Cellulose	25.00% Ca Carbonate 37.00% Non-fibrous (other) 35.00% 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>031900712-0009</i>			Description BASEMENT - STUCCO Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	18.00% Cellulose	40.00% Gypsum 42.00% 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 5-02 <i>031900712-0010</i>			Description BASEMENT - STUCCO Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray		60.00% Gypsum 40.00% 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 6-01 <i>031900712-0011</i>			Description BASEMENT WALL OVER TAR PAPER - PAPER Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Brown/ White	82.00% Cellulose	18.00% Non-fibrous (other)	None Detected
Inseparable paint / coating layer included in analysis					
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 6-02 <i>031900712-0012</i>		Description	BASEMENT WALL OVER TAR PAPER - PAPER		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	55.00% Cellulose	30.00% Ca Carbonate 14.22% Non-fibrous (other)	0.78% Chrysotile
Inseparable paint / coating layer included in analysis					
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7A-01 <i>031900712-0013</i>		Description	ROOM 200 - PLASTER SUBSTRATE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray		45.00% Gypsum 55.00% 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 7B-01 <i>031900712-0014</i>		Description	ROOM 200 - PLASTER SKIM COAT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		52.00% Ca Carbonate 48.00% 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 7A-02 <i>031900712-0015</i>		Description	ROOM 203 - PLASTER SUBSTRATE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	4.00% Hair	66.00% Non-fibrous (other) 30.00% 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 7B-02 <i>031900712-0016</i>		Description	ROOM 203 - PLASTER SKIM COAT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		40.00% Ca Carbonate 55.00% Non-fibrous (other) 5.00% 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 7A-03 <i>031900712-0017</i>		Description	ROOM 206 - PLASTER SUBSTRATE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	None	59.20% Non-fibrous (other) 38.00% Quartz	2.80% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 7B-03 <i>031900712-0018</i>		Description	ROOM 206 - PLASTER SKIM COAT		
		Homogeneity			
PLM NYS 198.1 Friable	01/16/2019				Positive Stop (Not Analyzed)
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7A-04 <i>031900712-0019</i>		Description	ROOM 207 - PLASTER SUBSTRATE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	None	57.50% Non-fibrous (other) 40.00% Quartz	2.50% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7B-04 <i>031900712-0020</i>		Description	ROOM 207 - PLASTER SKIM COAT		
		Homogeneity			
PLM NYS 198.1 Friable	01/16/2019				Positive Stop (Not Analyzed)
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7A-05 <i>031900712-0021</i>		Description	ROOM 209 - PLASTER SUBSTRATE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	4.00% Cellulose	49.70% Non-fibrous (other) 44.00% Quartz	2.30% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7B-05 <i>031900712-0022</i>		Description	ROOM 209 - PLASTER SKIM COAT		
		Homogeneity			
PLM NYS 198.1 Friable	01/16/2019				Positive Stop (Not Analyzed)
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7A-06 <i>031900712-0023</i>		Description	ROOM 300 - PLASTER SUBSTRATE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	None	53.40% Non-fibrous (other) 45.00% Quartz	1.60% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 7B-06 <i>031900712-0024</i>		Description	ROOM 300 - PLASTER SKIM COAT		
		Homogeneity			
PLM NYS 198.1 Friable	01/16/2019				Positive Stop (Not Analyzed)
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7A-07 <i>031900712-0025</i>		Description	ROOM 303 - PLASTER SUBSTRATE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	None	44.23% Non-fibrous (other) 55.00% Quartz	0.77% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 7B-07 <i>031900712-0026</i>		Description	ROOM 303 - PLASTER SKIM COAT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		65.00% Ca Carbonate 35.00% 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 8-01 <i>031900712-0027</i>		Description	UNIT 1 - DRYWALL		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Brown/ Gray	12.00% Cellulose	62.00% Gypsum 26.00% 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 8-02 <i>031900712-0028</i>		Description	UNIT 3 - DRYWALL		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Gray	5.00% Cellulose	65.00% Gypsum 30.00% 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 9-01 <i>031900712-0029</i>		Description	UNIT 1 - DRYWALL COMPOUND		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		57.00% Ca Carbonate 5.00% Mica 38.00% 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

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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 9-02 <i>031900712-0030</i>		Description	UNIT 2 - DRYWALL COMPOUND		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		58.00% Ca Carbonate 4.00% Mica 38.00% 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 9-03 <i>031900712-0031</i>		Description	UNIT 3 - DRYWALL COMPOUND		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Tan	None	5.00% Mica 91.80% Non-fibrous (other)	3.20% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 9-04 <i>031900712-0032</i>		Description	ROOM 200 - DRYWALL COMPOUND		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	Tan/ White	None	6.00% Mica 91.80% Non-fibrous (other)	2.20% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 9-05 <i>031900712-0033</i>		Description	ROOM 202 - DRYWALL COMPOUND		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		65.00% Ca Carbonate 6.00% Mica 29.00% 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 10-01 <i>031900712-0034</i>		Description	UNIT 1 LIVING ROOM - TEXTURED CEILING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White	2.00% Fibrous (other)	83.00% Non-fibrous (other) 15.00% Perlite	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 10-02 <i>031900712-0035</i>		Description	UNIT 1 BEDROOM - TEXTURED CEILING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White	2.00% Fibrous (other)	86.00% Non-fibrous (other) 12.00% Perlite	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: 01/16/2019 17:49:48



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: 031900712
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 10-03 <i>031900712-0036</i>		Description	UNIT 3 LIVING ROOM - TEXTURED CEILING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		65.00% Ca Carbonate 35.00% 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 11-01 <i>031900712-0037</i>		Description	203 KITCHEN BACKSPLASH - CERAMIC WALL TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		93.00% Non-fibrous (other) 7.00% 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 11-02 <i>031900712-0038</i>		Description	203 KITCHEN BACKSPLASH - CERAMIC WALL TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		90.00% Non-fibrous (other) 10.00% 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 11G-01 <i>031900712-0039</i>		Description	203 KITCHEN BACKSPLASH - WALL TILE GROUT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		45.00% Ca Carbonate 55.00% 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 11G-02 <i>031900712-0040</i>		Description	203 KITCHEN BACKSPLASH - WALL TILE GROUT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		55.00% Ca Carbonate 45.00% 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 12-01 <i>031900712-0041</i>		Description	204 BATH - CERAMIC WALL TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White/ Green		88.00% Non-fibrous (other) 12.00% 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: 01/16/2019 17:49:48



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EMSL Order: 031900712

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 12-02 031900712-0042		Description	204 BATH - CERAMIC WALL TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		90.00% Non-fibrous (other) 10.00% 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 12G-01 031900712-0043		Description	204 BATH - WALL TILE GROUT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		52.00% Ca Carbonate 48.00% 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 12G-02 031900712-0044		Description	204 BATH - WALL TILE GROUT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/16/2019	White		55.00% Ca Carbonate 45.00% 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

Initial report from: 01/16/2019 17:49:48



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EMSL Order: 031900712
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: 1/12/2019
Analysis Completed Date: 1/16/2019

Sample Receipt Time: 11:17 AM
Analysis Completed Time: 1:26 AM

Analyst(s):

Krystal Harris PLM NYS 198.1 Friable (15)

Shahrakur Mahmud PLM NYS 198.1 Friable (24)

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

Initial report from: 01/16/2019 17:49:48

031900712

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

19 JAN 2018 11:17 AM
 MSL MAIL ROOM LAB RECEIVED

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	1-01	Room 200 Furnace Closet	Cement Board	NYS PLM em	Stop at 1 st Positive
	1-02	Room 202 Furnace Closet	Cement Board		1-01 to 1-02
	2-01	Basement on Duct Adj. Furnace	White Blanket		Stop at 1 st Positive
	2-02	Basement on Duct Adj. Furnace	White Blanket		2-01 to 2-02
	3-01	Room 204 Bath	Ceramic Floor Tile		Stop at 1 st Positive
	3-02	Room 204 Bath	Ceramic Floor Tile		3-01 to 3-02
	4-01	Basement	Stone Foundation Mortar		Stop at 1 st Positive
	4-02	Basement	Stone Foundation Mortar		4-01 to 4-02
	5-01	Basement	Stucco		Stop at 1 st Positive
	5-02	Basement	Stucco		5-01 to 5-02
	6-01	Basement Wall Over Tar Paper	Paper		Stop at 1 st Positive
	6-02	Basement Wall Over Tar Paper	Paper		6-01 to 6-02

Disposition of Samples: Accept Reject Explain _____

Comments:

KCPH 1/10

Relinquished By:	Received By:	Date:	Time:
<i>P. Van Zandt</i>	<i>Paul Van Zandt</i>	1/12/19	11:17 AM

Paul Van Zandt
1/12/19 2:23 PM

031900712

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

PHILLIP VAN ZANDT
 RECEIVED
 JAN 12 AM 11:17
 ALPINE ENVIRONMENTAL SERVICES, INC. LAB

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	7A-01	Room 200	Plaster Substrate	NYS PLM	Stop at 1 st Positive
	7B-01	Room 200	Plaster Skim Coat		7A-01 to 7A-02
	7A-02	Room 203	Plaster Substrate		Stop at 1 st Positive
	7B-02	Room 203	Plaster Skim Coat		7A-02 to 7B-02
	7A-03	Room 206	Plaster Substrate		Stop at 1 st Positive
	7B-03	Room 206	Plaster Skim Coat		7A-03 to 7B-03
	7A-04	Room 207	Plaster Substrate		Stop at 1 st Positive
	7B-04	Room 207	Plaster Skim Coat		7A-04 to 7B-04
	7A-05	Room 209	Plaster Substrate		Stop at 1 st Positive
	7B-05	Room 209	Plaster Skim Coat		7A-05 to 7B-05
	7A-06	Room 300	Plaster Substrate		Stop at 1 st Positive
	7B-06	Room 300	Plaster Skim Coat		7A-06 to 7B-06

Disposition of Samples: Accept Reject Explain _____

Comments:

KEEP 116

Relinquished By:	Received By:	Date:	Time:
<i>PVZ</i>	<i>Jushio</i>	<i>1/12/19</i>	<i>11:17AM</i>

031900712

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

19 JAN 12 AM 11:17
 EMSL
 RECEIVED
 ANALYSIS

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
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	7A-07	Room 303	Plaster Substrate	NYS PLM	Stop at 1 st Positive
	7B-07	Room 303	Plaster Skim Coat		7A-07 to 7B-07
	8-01	Unit 1	Drywall		Stop at 1 st Positive
	8-02	Unit 3	Drywall		8-01 to 8-02
	9-01	Unit 1	Drywall Compound		
	9-02	Unit 2	Drywall Compound		
	9-03	Unit 3	Drywall Compound		
	9-04	Room 200	Drywall Compound		
	9-05	Room 202	Drywall Compound		
	10-01	Unit 1 Living Room	Textured Ceiling		Stop at 1 st Positive
	10-02	Unit 1 Bedroom	Textured Ceiling		10-01 to 10-03
	10-03	Unit 3 Living Room	Textured Ceiling		

Disposition of Samples: Accept Reject Explain _____
 Comments:

Karl 1/14

Relinquished By:	Received By:	Date:	Time:
<i>Paul Van Zandt</i>	<i>Paul Van Zandt</i>	<i>1/12/19</i>	<i>11:17 AM</i>

031900712

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

19 JAN 12 AM 11:17
 EMSL MANHATTAN LTD
 RECEIVED

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes	
	11-01	203 Kitchen Backsplash	Ceramic Wall Tile	NYS PLM	Stop at 1 st Positive	
	11-02	203 Kitchen Backsplash	Ceramic Wall Tile		11-01 to 11-02	
	11G-01	203 Kitchen Backsplash	Wall Tile Grout		Stop at 1 st Positive	
	11G-02	203 Kitchen Backsplash	Wall Tile Grout		11G-01 to 11G-02	
	12-01	204 Bath	Ceramic Wall Tile		Stop at 1 st Positive	
	12-02	204 Bath	Ceramic Wall Tile		12-01 to 12-02	
	12G-01	204 Bath	Wall Tile Grout		Stop at 1 st Positive	
	12G-02	204 Bath	Wall Tile Grout		12G-01 to 12G-02	

Disposition of Samples: Accept Reject Explain _____
 Comments:

Call 1/14

Relinquished By:	Received By:	Date:	Time:
<i>P. Van Zandt</i>	<i>Quishie</i>	<i>1/12/19</i>	<i>11:17AM</i>



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: 031900714
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: 01/12/2019 11:17 AM
Analysis Date: 01/14/2019 - 01/16/2019
Collected Date: 01/10/2019
Project: 18-23711-A/ 20 LAKE ST, RICHFIELD SPRINGS, NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 11M-01 <i>031900714-0001</i>		Description	203 KITCHEN BACKSPLASH - WALL TILE ADHESIVE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Yellow	None	98.90% Other	<1.00% Anthophyllite <1.00% Chrysotile 1.1% Total
Sample ID 11M-02 <i>031900714-0002</i>		Description	203 KITCHEN BACKSPLASH - WALL TILE ADHESIVE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019				Positive Stop (Not Analyzed)
Sample ID 12M-01 <i>031900714-0003</i>		Description	204 BATH - WALL TILE ADHESIVE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Yellow	None	98.50% Other	1.50% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 12M-02 <i>031900714-0004</i>		Description	204 BATH - WALL TILE ADHESIVE		
		Homogeneity			
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 13M-01 <i>031900714-0005</i>		Description	BASEMENT - FLOOR TILE MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)

Report amended: 01/30/2019 11:00:47 Replaces initial report from: 01/15/2019 15:48:59 Reason Code: Data Entry-Change to Location



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

EMSL Order: 031900714
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 13-01 031900714-0006		Description	BASEMENT - 9"X9" FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Beige	None	96.30% Other	3.70% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 13M-02 031900714-0007		Description	BASEMENT - FLOOR TILE MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black	None	100.00% Other	Inconclusive : <1.00% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 13-02 031900714-0008		Description	BASEMENT - 9"X9" FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Beige	None	95.40% Other	4.60% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 14M-01 031900714-0009		Description	UNIT 3 KITCHEN - FLOOR TILE MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black	None	100.00% Other	Inconclusive : <1.00% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 14-01 031900714-0010		Description	UNIT 3 KITCHEN - 9"X9" FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Beige	None	97.70% Other	2.30% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 14M-02 031900714-0011		Description	UNIT 3 KITCHEN - FLOOR TILE MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)

Report amended: 01/30/2019 11:00:47 Replaces initial report from: 01/15/2019 15:48:59 Reason Code: Data Entry-Change to Location



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EMSL Order: 031900714
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 031900714-0012		Description	UNIT 3 KITCHEN - 9"X9" FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Beige	None	96.90% Other	3.10% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 15-01 031900714-0013		Description	UNIT 1 KITCHEN - 12"X12" FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected
Sample ID 15-02 031900714-0014		Description	UNIT 1 KITCHEN - 12"X12" FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected
Sample ID 16-01 031900714-0015		Description	UNIT 1 BATH - FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Gray		100.00% Other	None Detected
Sample ID 16-02 031900714-0016		Description	UNIT 1 KITCHEN COUNTERTOP - FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Gray		100.00% Other	None Detected
Sample ID 17-01-Floor Tile 031900714-0017		Description	UNIT 2 ENTRY - 12"X12" FLOOR TILE & MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected

Report amended: 01/30/2019 11:00:47 Replaces initial report from: 01/15/2019 15:48:59 Reason Code: Data Entry-Change to Location



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

EMSL Order: 031900714
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 17-01-Mastic 031900714-0017A		Description	UNIT 2 ENTRY - 12"X12" FLOOR TILE & MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Black		100.00% Other	None Detected
Sample ID 17-02-Floor Tile 031900714-0018		Description	UNIT 2 KITCHEN - 12"X12" FLOOR TILE & MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected
Sample ID 17-02-Mastic 031900714-0018A		Description	UNIT 2 KITCHEN - 12"X12" FLOOR TILE & MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Black		100.00% Other	None Detected
Sample ID 18-01 031900714-0019		Description	UNIT 2 LIVING ROOM - SELF STICK FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Tan		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Tan		100.00% Other	None Detected
Sample ID 18-02 031900714-0020		Description	UNIT 2 LIVING ROOM - SELF STICK FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Tan		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Tan		100.00% Other	None Detected
Sample ID 19-01 031900714-0021		Description	UNIT 3 BATH - SELF STICK FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Green		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Green		100.00% Other	None Detected

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EMSL Order: 031900714
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 19-02 031900714-0022			Description UNIT 3 BATH - SELF STICK FLOOR TILE Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Green		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Green		100.00% Other	None Detected
Sample ID 20-01 031900714-0023			Description 200 KITCHEN BOTTOM LAYER - FLOOR TILE Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Beige	None	96.10% Other	3.90% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 20-02 031900714-0024			Description 200 KITCHEN MIDDLE LAYER - FLOOR TILE Homogeneity		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 20-03 031900714-0025			Description 200 KITCHEN TOP LAYER - FLOOR TILE Homogeneity		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 21-01 031900714-0026			Description 200 BATH BOTTOM LAYER - FLOOR TILE Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White	None	93.10% Other	6.90% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 21-02 031900714-0027			Description 200 BATH TOP LAYER - FLOOR TILE Homogeneity		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)

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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 22-01 031900714-0028		Description	201 CLOSET - LINOLEUM		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 22-02 031900714-0029		Description	201 CLOSET - LINOLEUM		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 23-01 031900714-0030		Description	202 - SELF STICK FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Green		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/15/2019	Green		100.00% Other	None Detected
Sample ID 23-02 031900714-0031		Description	202 - SELF STICK FLOOR TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Green		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/15/2019	Green		100.00% Other	None Detected
Sample ID 24-01 031900714-0032		Description	203 KITCHEN - LINOLEUM		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White	None	98.80% Other	1.20% Chrysotile
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 24-02 031900714-0033		Description	203 KITCHEN - LINOLEUM		
		Homogeneity			
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019				Positive Stop (Not Analyzed)
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)

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EMSL Order: 031900714
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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 25-01 031900714-0034			Description 204 BATH BOTTOM LAYER - FLOORING		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB 01/14/2019		Tan		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB 01/15/2019		Tan		100.00% Other	None Detected
Sample ID 25-02 031900714-0035			Description 204 BATH TOP LAYER - FLOORING		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB 01/14/2019		Tan	1.50% Fibrous (other)	98.50% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB 01/15/2019		Tan	None	98.90% Other	1.10% Anthophyllite
Sample ID 26-01 031900714-0036			Description 204 CLOSET - LINOLEUM		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB 01/14/2019		Blue		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB 01/15/2019		Blue		100.00% Other	None Detected
Sample ID 26-02 031900714-0037			Description 204 CLOSET - LINOLEUM		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB 01/14/2019		Blue		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB 01/15/2019		Blue		100.00% Other	None Detected
Sample ID 27-01 031900714-0038			Description 205 KITCHEN - 12"X12" FLOOR TILE & MASTIC		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB 01/14/2019		Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB 01/15/2019		Gray		100.00% Other	None Detected
Sample ID 27-01-Mastic 031900714-0038A			Description 205 KITCHEN - 12"X12" FLOOR TILE & MASTIC		
			Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB 01/14/2019		Yellow	3.40% Glass	96.60% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB 01/15/2019		Yellow		100.00% Other	None Detected

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EMSL Order: 031900714
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Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 27-02 031900714-0039		Description	205 KITCHEN - 12"X12" FLOOR TILE & MASTIC		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Gray		100.00% Other	None Detected
Sample ID 27-02-Mastic 031900714-0039A		Description	205 KITCHEN - 12"X12" FLOOR TILE & MASTIC		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Yellow		100.00% Other	None Detected
Sample ID 28-01 031900714-0040		Description	205 HALL BOTTOM LAYER - FLOORING		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Gray		100.00% Other	None Detected
Sample ID 28-02 031900714-0041		Description	205 HALL TOP LAYER - FLOORING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected
Sample ID 29-01 031900714-0042		Description	207 HALL BOTTOM LAYER - FLOORING		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Gray		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 29-02 031900714-0043		Description	207 HALL TOP LAYER - FLOORING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Gray	None	94.60% Other	5.40% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)

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Customer ID: ALPI50
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Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 30-01 031900714-0044		Description	207 KITCHEN - SELF STICK FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 30-02 031900714-0045		Description	207 KITCHEN - SELF STICK FLOOR TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 31-01 031900714-0046		Description	208 BATH BOTTOM LAYER - FLOORING		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black	None	100.00% Other	Inconclusive : <1.00% Chrysotile
TEM NYS 198.4 NOB	01/15/2019	Black	None	100.00% Other	<1.00% Chrysotile
Sample ID 31-02 031900714-0047		Description	208 BATH TOP LAYER - FLOORING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White	None	100.00% Other	<1.00% Chrysotile
Sample ID 32-01 031900714-0048		Description	209 KITCHEN BOTTOM LAYER - FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected
Sample ID 32-02 031900714-0049		Description	209 KITCHEN TOP LAYER - FLOOR TILE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White/ Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White/ Black		100.00% Other	None Detected

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EMSL Order: 031900714
Customer ID: ALPI50
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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 33-01 <i>031900714-0050</i>		Description	UNIT 1 - CARPET MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Yellow		100.00% Other	None Detected
Sample ID 33-02 <i>031900714-0051</i>		Description	UNIT 2 - CARPET MASTIC		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Yellow		100.00% Other	None Detected
Sample ID 34-01 <i>031900714-0052</i>		Description	UNIT 1 KITCHEN - COVEBASE & MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 34-01-Mastic <i>031900714-0052A</i>		Description	UNIT 1 KITCHEN - COVEBASE & MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Yellow	None	100.00% Other	<1.00% Chrysotile
Sample ID 34-02 <i>031900714-0053</i>		Description	201 - COVEBASE & MASTIC		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/15/2019	Black		100.00% Other	None Detected
Sample ID 34-02-Mastic <i>031900714-0053A</i>		Description	201 - COVEBASE & MASTIC		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected

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Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 35-01 <i>031900714-0054</i>		Description	UNIT 1 BATH - PLASTIC WALL TILE ADHESIVE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 35-02 <i>031900714-0055</i>		Description	206 BATH - PLASTIC WALL TILE ADHESIVE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	White		100.00% Other	None Detected
Sample ID 36-01 <i>031900714-0056</i>		Description	UNIT 1 BATH - SHOWER ADHESIVE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 36-02 <i>031900714-0057</i>		Description	UNIT 1 BATH - SHOWER ADHESIVE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Brown		100.00% Other	None Detected
Sample ID 37-01 <i>031900714-0058</i>		Description	BASEMENT FLOOR IN ROLL - BLACK MEMBRANE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
Final Residue <1% of original subsample					
TEM NYS 198.4 NOB	01/15/2019	Black		100.00% Other	None Detected
Sample ID 37-02 <i>031900714-0059</i>		Description	BASEMENT FLOOR IN ROLL - BLACK MEMBRANE		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Black		100.00% Other	None Detected

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Customer ID: ALPI50
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Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 38-01 <i>031900714-0060</i>		Description	203 KITCHEN - SINK INSULATION		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black	None	97.00% Other	3.00% Chrysotile
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 38-02 <i>031900714-0061</i>		Description	203 KITCHEN - SINK INSULATION		
		Homogeneity			
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019				Positive Stop (Not Analyzed)
TEM NYS 198.4 NOB	01/14/2019				Positive Stop (Not Analyzed)
Sample ID 39-01 <i>031900714-0062</i>		Description	BASEMENT ON WALLS - TAR PAPER		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black	None	100.00% Other	Inconclusive : <1.00% Chrysotile
TEM NYS 198.4 NOB	01/16/2019	Black	None	100.00% Other	<1.00% Chrysotile
Sample ID 39-02 <i>031900714-0063</i>		Description	BASEMENT ON WALLS - TAR PAPER		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black	None	100.00% Other	Inconclusive : <1.00% Chrysotile
TEM NYS 198.4 NOB	01/16/2019	Black		100.00% Other	None Detected
Sample ID 40-01 <i>031900714-0064</i>		Description	3RD FLOOR - WIRE INSULATION		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Black		100.00% Other	None Detected
Sample ID 40-02 <i>031900714-0065</i>		Description	3RD FLOOR - WIRE INSULATION		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Black		100.00% Other	None Detected

Report amended: 01/30/2019 11:00:47 Replaces initial report from: 01/15/2019 15:48:59 Reason Code: Data Entry-Change to Location



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: 031900714
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 41-01 <i>031900714-0066</i>		Description	EXTERIOR - WINDOW GLAZING		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown/ White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Brown/ White		100.00% Other	None Detected
Sample ID 41-02 <i>031900714-0067</i>		Description	EXTERIOR - WINDOW GLAZING		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/14/2019	Brown/ White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/15/2019	Brown/ White		100.00% Other	None Detected

Report amended: 01/30/2019 11:00:47 Replaces initial report from: 01/15/2019 15:48:59 Reason Code: Data Entry-Change to Location



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: 031900714
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: 1/12/2019
Analysis Completed Date: 1/14/2019

Sample Receipt Time: 11:17 AM
Analysis Completed Time: 9:16 PM

Analyst(s):

Angelica Aquino PLM NYS 198.6 NOB (67)

Muhsin Parson TEM NYS 198.4 NOB (2)

Venisha Lazarus-Barnes TEM NYS 198.4 NOB (49)

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

Report amended: 01/30/2019 11:00:47 Replaces initial report from: 01/15/2019 15:48:59 Reason Code: Data Entry-Change to Location


031900714

CHAIN OF CUSTODY



Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

ENCL. MAIL ROOM LABS
 RECEIVED
 12 JAN 12 11:17

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
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	11M-01	203 Kitchen Backsplash	Wall Tile Adhesive	NYS Protocol 	Stop at 1 st Positive
	11M-02	203 Kitchen Backsplash	Wall Tile Adhesive		11M-01 to 11M-02
	12M-01	204 Bath	Wall Tile Adhesive		Stop at 1 st Positive
	12M-02	204 Bath	Wall Tile Adhesive		12M-01 to 12M-02
	13M-01	Basement	Floor Tile Mastic		Stop at 1 st Positive
	13-01	Basement	9"x9" Floor Tile		13M-01 to 13-01
	13M-02	Basement	Floor Tile Mastic		Stop at 1 st Positive
	13-02	Basement	9"x9" Floor Tile		13M-02 to 13-02
	14M-01	Unit 3 Kitchen	Floor Tile Mastic		Stop at 1 st Positive
	14-01	Unit 3 Kitchen	9"x9" Floor Tile		14M-01 to 14-02
	14M-02	Unit 3 Kitchen	Floor Tile Mastic		Stop at 1 st Positive
	14-02	Unit 3 Kitchen	9"x9" Floor Tile		14M-02 to 14-02

Disposition of Samples: Accept Reject Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
		1/12/19	11:17 AM

031900714

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc.
438 New Karner Road
Albany, NY 12205
 Contact: Paul Van Zandt
 Phone/Email: 518 250-4047 paulv@alpineenv.com
 Turnaround Time: 72Hr

Project: 20 Lake St, Richfield Springs, NY
 Project Number: 18-23711-A
 Sampled By: P. Van Zandt
 Date / Time Collected: 01/10/18
 Delivery: Fed Ex 7741 7004 5933

01/11/19 11:11:19
 RECEIVED
 ENVIRONMENTAL SERVICES

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
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	15-01	Unit 1 Kitchen	12"x12" Floor Tile	NYS Protocol	Stop at 1 st Positive
	15-02	Unit 1 Kitchen	12"x12" Floor Tile		15-01 to 15-02
	16-01	Unit 1 Bath	Floor Tile		Stop at 1 st Positive
	16-02	Unit 1 Kitchen Countertop	Floor Tile		16-01 to 16-02
	17-01	Unit 2 Entry	12"x12" Floor Tile & Mastic		Stop at 1 st Positive
	17-02	Unit 2 Kitchen	12"x12" Floor Tile & Mastic		17-01 to 17-02
	18-01	Unit 2 Living Room	Self Stick Floor Tile		Stop at 1 st Positive
	18-02	Unit 2 Living Room	Self Stick Floor Tile		18-01 to 18-02
	19-01	Unit 3 Bath	Self Stick Floor Tile		Stop at 1 st Positive
	19-02	Unit 3 Bath	Self Stick Floor Tile		19-01 to 19-02
	20-01	200 Kitchen Bottom Layer	Floor Tile		Stop at 1 st Positive
	20-02	200 Kitchen Middle Layer	Floor Tile		20-01 to 20-03

VUB

Disposition of Samples: Accept Reject Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
<i>Paul Van Zandt</i>	<i>Judith</i>	1/12/19	11:17AM

031900714

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

19 JAN 12 11:18
 EMSL ENVIRONMENTAL LAB
 RECEIVED

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
---------	------------	-----------------	-----------------	--------------------	-------

	20-03	200 Kitchen Top Layer	Floor Tile	NYS Protocol	
	21-01	200 Bath Bottom Layer	Floor Tile		Stop at 1 st Positive
	21-02	200 Bath Top Layer	Floor Tile		21-01 to 21-02
	22-01	201 Closet	Linoleum		Stop at 1 st Positive
	22-02	201 Closet	Linoleum		22-01 to 22-02
	23-01	202	Self Stick Floor Tile		Stop at 1 st Positive
	23-02	202	Self Stick Floor Tile		23-01 to 23-02
	24-01	203 Kitchen	Linoleum		Stop at 1 st Positive
	24-02	203 Kitchen	Linoleum		24-01 to 24-02
	25-01	204 Bath Bottom Layer	Flooring		Stop at 1 st Positive
	25-02	204 Bath Top Layer	Flooring		25-01 to 25-02
	26-01	204 Closet	Linoleum		Stop at 1 st Positive

VCB

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

Relinquished By:	Received By:	Date:	Time:
<i>Paul Van Zandt</i>	<i>Paul Van Zandt</i>	1/12/19	11:17 AM

Paul Van Zandt
1/15/19

031900714

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

19 JAN 12 11:18 AM '18
 NYSL LABORATORY

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	26-02	204 Closet	Linoleum	NYS Protocol	26-01 to 26-02
	27-01	205 Kitchen	12"x12" Floor Tile & Mastic		Stop at 1 st Positive
	27-02	205 Kitchen	12"x12" Floor Tile & Mastic		27-01 to 27-02
	28-01	205 Hall Bottom Layer	Flooring		Stop at 1 st Positive
	28-02	205 Hall Top Layer	Flooring		28-01 to 28-02
	29-01	207 Hall Bottom Layer	Flooring		Stop at 1 st Positive
	29-02	207 Hall Top Layer	Flooring		29-01 to 29-02
	30-01	207 Kitchen	Self Stick Floor Tile		Stop at 1 st Positive
	30-02	207 Kitchen	Self Stick Floor Tile		30-01 to 30-02
	31-01	208 Bath Bottom Layer	Flooring		Stop at 1 st Positive
	31-02	208 Bath Top Layer	Flooring		31-01 to 31-02
	32-01	209 Kitchen Bottom Layer	Floor Tile		Stop at 1 st Positive

(Handwritten initials)

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

Relinquished By:	Received By:	Date:	Time:
<i>(Signature)</i>	<i>(Signature)</i>	1/12/19	11:17 AM

(Large handwritten signature)
 1/15/19

031900714

19 JAN 12 AM 11:18
 ENCL MAIL ROOM LAB
 RECEIVED

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	32-02	209 Kitchen Top Layer	Floor Tile	NYS Protocol	32-01 to 32-02
	33-01	Unit 1	Carpet Mastic		Stop at 1 st Positive
	33-02	Unit 2	Carpet Mastic		33-01 to 33-02
	34-01	Unit 1 Kitchen	Covebase & Mastic		Stop at 1 st Positive
	34-02	201	Covebase & Mastic		34-01 to 34-02
	35-01	Unit 1 Bath	Plastic Wall Tile Adhesive		Stop at 1 st Positive
	35-02	206 Bath	Plastic Wall Tile Adhesive		35-01 to 35-02
	36-01	Unit 1 Bath	Shower Adhesive		Stop at 1 st Positive
	36-02	Unit 1 Bath	Shower Adhesive		36-01 to 36-02
	37-01	Basement Floor in Roll	Black Membrane		Stop at 1 st Positive
	37-02	Basement Floor in Roll	Black Membrane		37-01 to 37-02
	38-01	203 Kitchen	Sink Insulation		Stop at 1 st Positive

VUB

Disposition of Samples: Accept Reject Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
<i>Paul Van Zandt</i>	<i>Quindia</i>	1/12/19	11:19AM

[Signature]
 1-15-19

031900714

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/10/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7741 7004 5933
 Turnaround Time: 72Hr

19 JAN 12 AM 11:18
 EMSL MANHATTAN LAB
 RECEIVED

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	38-02	203 Kitchen	Sink Insulation	NYS Protocol	38-01 to 38-02
	39-01	Basement on Walls	Tar Paper		Stop at 1 st Positive
	39-02	Basement on Walls	Tar Paper		39-01 to 39-02
	40-01	3 rd Floor	Wire Insulation		Stop at 1 st Positive
	40-02	3 rd Floor	Wire Insulation		40-01 to 40-02
	41-01	Exterior	Window Glazing		Stop at 1 st Positive
	41-02	Exterior	Window Glazing		41-01 to 41-02

VZ

Disposition of Samples: Accept Reject Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
<i>Paul Van Zandt</i>	<i>Quindia</i>	1/12/19	11:17 AM

Paul Van Zandt
 1-15-19



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: 031900854
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: 01/15/2019 10:37 AM
Analysis Date: 01/18/2019
Collected Date: 01/14/2019
Project: 18-23711-A/ 20 LAKE ST/ RICHFIELD SPRINGS, NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 42-01 031900854-0001		Description	SIDE PORCH ROOF BOTTOM LAYER - SHINGLE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/18/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/18/2019	Black		100.00% Other	None Detected
Sample ID 42-02 031900854-0002		Description	SIDE PORCH ROOF TOP LAYER - SHINGLE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/18/2019	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/18/2019	Black		100.00% Other	None Detected

Initial report from: 01/18/2019 12:01:20



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: 031900854

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: 1/15/2019

Sample Receipt Time: 10:37 AM

Analysis Completed Date: 1/18/2019

Analysis Completed Time: 12:43 AM

Analyst(s):

Angelica Aquino PLM NYS 198.6 NOB (2)

Venisha Lazarus-Barnes TEM NYS 198.4 NOB (2)

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.

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

Initial report from: 01/18/2019 12:01:20

031900854

CHAIN OF CUSTODY

Client: Alpine Environmental Services, Inc. Project: 20 Lake St, Richfield Springs, NY
438 New Karner Road Project Number: 18-23711-A
Albany, NY 12205 Sampled By: P. Van Zandt
 Contact: Paul Van Zandt Date / Time Collected: 01/14/18
 Phone/Email: 518 250-4047 paulv@alpineenv.com Delivery: Fed Ex 7956 6119 8363
 Turnaround Time: 72Hr

19 JAN 15 AM 10:37
 EPHSL RECEIVED
 EPHSL LABORATORY

Log No.	Sample No.	Sample Location	Sample Material	Analysis Performed	Notes
	42-01	Side Porch Roof Bottom Layer	Shingle	NYS Protocol	Stop at 1 st Positive
	42-02	Side Porch Roof Top Layer	Shingle		42-01 to 42-02

Disposition of Samples: Accept Reject Explain _____
 Comments:

Relinquished By:	Received By:	Date:	Time:
<i>P. Van Zandt</i>	<i>[Signature]</i>	1/15/19	10:30 AM

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



PAUL W VANZANDT
CLASS(EXPIRES)
C ATEC(02/19) D INSP(02/19)
H PM (02/19)

CERT# 95-02581
DMV# 893799101

MUST BE CARRIED ON ASBESTOS PROJECTS

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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: 07/06/2018

EXPIRATION DATE: 07/31/2019

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, 2019
Issued April 01, 2018

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 SUITE 901
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
Lead in Dust Wipes	EPA 7000B
Lead in Paint	EPA 7000B

Sample Preparation Methods

EPA 3051A

Serial No.: 57819

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