

January 30, 2018
Revised April 16, 2019

Mr. Dave Wick
Lake George Park Commission
75 Fort George Road, PO Box 749
Lake George, New York 12845

**RE: Pre-Demolition Asbestos Survey
75 Fort George Road
Lake George, New York 12845
OGS Environmental Term Contract – D0SC127 (Subcontractor to EDP, LLP)**

Dear Mr. Wick:

Hanson Van Vleet, PLLC conducted a pre-demolition asbestos containing material (ACM) survey of the commercial structure at 75 Fort George Road, Lake George, Warren County, New York (See Figure 1). The survey was conducted to determine if any ACM exists within the structure prior to demolition. HVV is licensed by the New York State Department of Labor under license # 05-0220 to perform asbestos inspections, sample collection and surveys. Samples of all types of suspected asbestos containing material (SACM) were collected. All samples were collected by a NYSDOL licensed Class D Inspector, in accordance with 12 NYCRR Part 56 (referred to as Industrial Code Rule 56) and 29 CFR Part 1910. The sampling was conducted on January 4 and 18, 2018, with follow up sampling conducted on April 10, 2019. The work included the collection of representative samples of each type of suspected ACM. A copy of the NYSDOL Asbestos license is attached to this letter.

Methods

The asbestos survey was conducted on January 4 and 18, 2018, with follow-up sampling completed on April 10, 2019. Prior to initiating sampling, an on-site walk-through inspection of the building was performed in accordance with Subpart 56-5(e) of 12 NYCRR Part 56. Building plans were not available for review.

Based on the site inspection, sampling of materials was performed to evaluate for suspect asbestos containing materials (ACM). Bulk samples were collected following standard sampling procedures. The samples were placed in double sealed sample bags and delivered by Federal Express to EMSL Analytical for analysis under formal chain of custody procedures. Friable type materials were analyzed by Polarized Light Microscopy (PLM) via the NY State ELAP 198.1 method. Non-organically bound (NOB) materials were analyzed by PLM via NYS method

198.6 NOB. If the NYS method 198.6 NOB was inconclusive, the NOB materials were then analyzed by transient electron microscopy (TEM) via NYS method 198.4 NOB.

Inspection Results

The inspection revealed a wood framed two story residential type structure on a field stone foundation. At the time of the inspection the subject building was in use as administrative offices for the Lake George Parks Commission.

Suspect ACM identified in the building included roofing tar paper, asphalt shingle roof, window glazing, drywall, joint compound, plaster and lath, vinyl floor tile and associated mastic, carpet mastic, floor leveling compound, acoustic drop ceiling tiles, pipe wrap insulation on straight runs, mudded pipe insulation at elbows and joints, and two types of chimney flue packing grout.

Exterior

The roof consisted of corrugated aluminum over roofing tar paper with asphalt shingles on the front porch roof. The exterior walls were sided with vinyl. Windows on the first floor were aluminum replacement style and windows on the second floor were the original wooden framed with glazing.

Interior

The first floor consisted of offices, a receptionist area, a conference room, and a bathroom. The second floor consisted of offices and a bathroom. The basement was unfinished with exposed field stone foundation and a poured concrete floor.

Walls on the first floor consisted of mostly drywall with some plaster and lath. Interior walls on the second floor consisted of wood paneling and plaster and lath. Flooring on the first level consisted of 12x12 inch vinyl floor tiles, carpet over wooden subfloor and floor leveling compound, carpet with mastic over the wooden subfloor, and ceramic tile. The floors on the second level were a mix of hardwood, ceramic tile, and carpet over wooden subfloor. The ceilings on the first floor consisted of drywall, plaster and lath, and drop ceilings. The ceilings on the second floor consisted of mostly plaster and lath with some areas of pine paneling. The basement contained pipe wrap insulation on straight runs and mudded insulation on elbows and joints. The basement also contained chimney flue grout surrounding the boiler flue, and surrounding an aluminum can used as a filler blank within the masonry chimney.

Asbestos Containing Material Sampling Results

Forty-nine samples of fifteen types of suspected ACM were collected for analysis for possible asbestos content. A minimum of three samples of each type of suspected ACM was collected. The number of samples collected of each type of suspect ACM was dependent on the amount of and type of each type of material. The samples and results are summarized below. The Analytical results and chains of custody for the two sampling events are attached to this letter.

Table 1
Asbestos Sampling Locations and Analytical Results

Sample No.	Type of Material	Location	Result
1A	Tar Paper	Roof	ND
1B	Tar Paper	Roof	ND
1C	Tar Paper	Roof	ND
2A	Drywall	1 st Floor Conference Room	ND
2B	Drywall	1 st Floor Closet adj. to Conf. Room	ND
2C	Drywall	1 st Floor Multiuse Office	ND
2D	Drywall	1 st Floor Multiuse Office	ND
2E	Drywall	1 st Floor Printer Area	ND
3A	Joint Compound	1 st Floor Conference Room	ND
3B	Joint Compound	1 st Floor Closet adj. to Conf. Room	ND
3C	Joint Compound	1 st Floor Multiuse Office	ND
4A	12-inch Vinyl Floor Tile	1 st Floor Printer Area	ND
4B	12-inch Vinyl Floor Tile	1 st Floor Kitchen Area	ND
4C	12-inch Vinyl Floor Tile	1 st Floor Closet adj. to Conf. Room	ND
5A	Vinyl Tile Mastic	1 st Floor Printer Area	ND
5B	Vinyl Tile Mastic	1 st Floor Kitchen Area	ND
5C	Vinyl Tile Mastic	1 st Floor Closet adj. to Conf. Room	ND
6A	No Sample	No Sample	ND
6B	No Sample	No Sample	ND
6C	No Sample	No Sample	ND
7A	Mudded Pipe Insulation Elbow	Basement - Northwestern Run	11.1 % Chrysotile
7B	Mudded Pipe Insulation Elbow	Basement - Northern Run	Positive Stop (Not Analyzed)
7C	Mudded Pipe Insulation Elbow	Basement – Central Basement Area	Positive Stop (Not Analyzed)
8A	Rug Leveler	1 st Floor Conference Room	ND
8B	Rug Leveler	1 st Floor Conference Room	ND
8C	Rug Leveler	1 st Floor Conference Room	ND
9A	Rug Mastic	1 st Floor Hallway	ND
9B	Rug Mastic	1 st Floor Receptionist Area	ND
9C	Rug Mastic	1 st Floor Receptionist Area	ND
10A	Drop Ceiling	1 st Floor Printer Area	ND
10B	Drop Ceiling	1 st Floor Kitchen Area	ND
10C	Drop Ceiling	1 st Floor Receptionist Area	ND
11A	Window Glazing	2 nd Floor Hallway Window	ND
11B	Window Glazing	2 nd Floor Northeast Office Window	ND
11C	Window Glazing	2 nd Floor North Office Window	ND
12A	Plaster and Lath	1 st Floor Hallway adj. to Bathroom	ND
12B	Plaster and Lath	1 st Floor Closet adj. to Bathroom	ND
12C	Plaster and Lath	2 nd Floor Hallway Closet	ND
12D	Plaster and Lath	2 nd Floor Northwest Office	ND
12E	Plaster and Lath	2 nd Floor Northeast Office	ND
13A	Pipe Insulation at Straight Runs	Basement - Northwestern Run	18.20 % Chrysotile
13B	Pipe Insulation at Straight Runs	Basement - Northern Run	Positive Stop (Not Analyzed)
13C	Pipe Insulation at Straight Runs	Basement - Central Area of Basement	Positive Stop (Not Analyzed)
14A	Asphalt Shingle	Front Porch Roof	ND
14B	Asphalt Shingle	Front Porch Roof	ND
14C	Asphalt Shingle	Front Porch Roof	ND

Table 2
Asbestos Sampling Locations and Analytical Results
Follow-up Sampling Conducted on April 10, 2019

Sample No.	Type of Material	Location	Result
1A	Flue Grout	Boiler Flue Chimney in Basement	2.1% Chrysotile Asbestos
1B	Flue Grout	Boiler Flue Chimney in Basement	Not Analyzed Positive Stop
1C	Flue Grout	Boiler Flue Chimney in Basement	Not Analyzed Positive Stop
2A	Flue Grout	Around Can in Basement Chimney	12% Chrysotile Asbestos
2B	Flue Grout	Around Can in Basement Chimney	Not Analyzed Positive Stop
2C	Flue Grout	Around Can in Basement Chimney	Not Analyzed Positive Stop

Survey Results

The results of the asbestos survey identified asbestos containing materials. Materials are considered asbestos containing if they contain 1 % or more of asbestos. Asbestos containing materials identified during the survey include the following:

- Approximately 200 linear feet of pipe wrap insulation on straight runs of water pipes in the basement was identified as ACM at a concentration of 11.10% Chrysotile asbestos.
- Approximately 20 linear feet of mudded pipe insulation on water pipe elbows and joints in the basement was identified as ACM at a concentration of 18.20% Chrysotile asbestos.
- Approximately 10 square feet of troweled on chimney flue grout in place where the boiler flue enters the masonry chimney in the basement was identified as ACM at a concentration of 2.1 % Chrysotile asbestos.
- Approximately 10 square feet of troweled on chimney flue grout in place surrounding an aluminum coffee can used as a filler block in the masonry chimney in the basement was identified as ACM at a concentration of 12% Chrysotile asbestos.

Conclusions

The results of the asbestos survey identified asbestos containing materials within the structure. Materials are considered asbestos containing if they contain 1 % or more of asbestos. Asbestos containing materials identified during the survey include the following:

- Water pipes in the basement of the structure are insulated with asbestos containing pipe wrap insulation on straight runs and mudded insulation on pipe elbows and joints. Approximately 200 linear feet of pipe wrap insulation was identified as ACM and approximately 20 linear feet of mudded insulation on pipe elbows and joints were identified as ACM. Due to deterioration of these materials, some pipe insulation identified as ACM was observed on the ground surface in the crawl space at the time of the inspection. These materials will likely require a contamination assessment plan, to be provided by a NYS licensed asbestos project designer prior to pre-demolition abatement.

- Approximately 10 square feet of troweled on chimney flue grout in place where the boiler flue enters the masonry chimney in the basement was identified as ACM at a concentration of 2.1 % Chrysotile asbestos.
- Approximately 10 square feet of troweled on chimney flue grout in place surrounding an aluminum coffee can used as a filler blank in the masonry chimney in the basement was identified as ACM at a concentration of 12% Chrysotile asbestos.

Discussion

Testing of all suspect asbestos containing materials in the building was performed pursuant to 12 NYCRR Part 56, (Code Rule 56). The results of the inspection and sampling identified water pipes in the basement of the structure that are insulated with asbestos containing pipe wrap insulation on straight runs and mudded insulation on pipe elbows and joints. The inspection also identified asbestos containing building materials consisting of the chimney flue grout surrounding the boiler flue, and surrounding an aluminum can used as a filler blank in the masonry chimney in the basement of the structure. No other asbestos containing materials were identified as part of this survey.

Prior to being disturbed by renovations or demolition, asbestos containing materials identified as part of this survey must be removed by a licensed asbestos contractor in accordance with 12 NYCRR Part 56 and 29 CFR Part 1910.

A licensed asbestos project designer should assess the need for a contamination assessment plan to be prepared for pipe wrap insulation identified as ACM located on the ground surface of the crawlspace of the structure.

If you have any questions regarding this survey, please contact us at (518) 371-7940.

Very truly yours,
Hanson Van Vleet, PLLC

A handwritten signature in black ink, appearing to read "Steven Catalano". The signature is fluid and cursive, with a large initial "S" and "C".

Steven Catalano
NYSDOL Class D Inspector Certificate # 17-34777

CC: NYSDOL



HANSON

VAN VLEET, PLLC

HYDROGEOLOGIC CONSULTANTS

Figure 1
Site Location Map
75 Fort George Road
Lake George, New York



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: 031800353
Customer ID: HANS22
Customer PO:
Project ID:

Attention: Hanson Van Vleet, LLC
902 Route 146
Clifton Park, NY 12065
Phone: (518) 371-7940
Fax: (518) 371-5885
Received Date: 01/08/2018 9:51 AM
Analysis Date: 01/09/2018 - 01/13/2018
Collected Date: 01/04/2018
Project: LAKE GEORGE PARK COMMISSION/ NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 1A <i>031800353-0001</i>		Description	ROOF - TAR PAPER		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Brown		100.00% Other	None Detected
Sample ID 1B <i>031800353-0002</i>		Description	ROOF - TAR PAPER		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Brown		100.00% Other	None Detected
Sample ID 1C <i>031800353-0003</i>		Description	ROOF - TAR PAPER		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Brown		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Brown		100.00% Other	None Detected
Sample ID 2A <i>031800353-0004</i>		Description	1ST LEVEL WALLS - DRYWALL		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	White		55.00% Gypsum 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 2B <i>031800353-0005</i>		Description	1ST LEVEL WALLS - DRYWALL		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	White		55.00% Ca Carbonate 10.00% Gypsum 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

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307 West 38th Street New York, NY 10018

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

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EMSL Order: 031800353

Customer ID: HANS22

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 2C 031800353-0006			Description 1ST LEVEL WALLS - DRYWALL Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	White		35.00% Ca Carbonate 40.00% Gypsum 25.00% 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 2D 031800353-0007			Description 1ST LEVEL WALLS - DRYWALL Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	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 2E 031800353-0008			Description 1ST LEVEL WALLS - DRYWALL Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/13/2018	Brown/ Gray	10.00% Cellulose	65.00% Gypsum 25.00% 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 3A 031800353-0009			Description 1ST LEVEL WALLS - JOINT COMPOUND Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	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 3B 031800353-0010			Description 1ST LEVEL WALLS - JOINT COMPOUND Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	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 3C 031800353-0011			Description 1ST LEVEL WALLS - JOINT COMPOUND Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/13/2018	White	3.00% Cellulose	65.00% Ca Carbonate 2.00% Mica 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

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EMSL Order: 031800353
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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 4A <i>031800353-0012</i>		Description	1ST LEVEL FLOORS - VINYL FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected
Sample ID 4B <i>031800353-0013</i>		Description	1ST LEVEL FLOORS - VINYL FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected
Sample ID 4C <i>031800353-0014</i>		Description	1ST LEVEL FLOORS - VINYL FLOOR TILE		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected
Sample ID 5A <i>031800353-0015</i>		Description	1ST LEVEL FLOORS - VINYL MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Yellow		100.00% Other	None Detected
Sample ID 5B <i>031800353-0016</i>		Description	1ST LEVEL FLOORS - VINYL MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Yellow		100.00% Other	None Detected
Sample ID 5C <i>031800353-0017</i>		Description	1ST LEVEL FLOORS - VINYL MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Yellow		100.00% Other	None Detected

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EMSL Order: 031800353
Customer ID: HANS22
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 7A <i>031800353-0018</i>		Description	BASEMENT - MUDDED JOINT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	Red	None	88.90% Non-fibrous (other)	11.10% 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 <i>031800353-0019</i>		Description	BASEMENT - MUDDED JOINT		
		Homogeneity			
PLM NYS 198.1 Friable	01/12/2018				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 7C <i>031800353-0020</i>		Description	BASEMENT - MUDDED JOINT		
		Homogeneity			
PLM NYS 198.1 Friable	01/12/2018				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 8A <i>031800353-0021</i>		Description	1ST LEVEL FLOORS - RUG LEVELER		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	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 8B <i>031800353-0022</i>		Description	1ST LEVEL FLOORS - RUG LEVELER		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	White		60.00% Ca Carbonate 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 8C <i>031800353-0023</i>		Description	1ST LEVEL FLOORS - RUG LEVELER		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	01/13/2018	White	5.00% Cellulose	45.00% Ca Carbonate 50.00% 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 9A <i>031800353-0024</i>		Description	1ST LEVEL FLOORS - RUG MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Yellow		100.00% Other	None Detected
Sample ID 9B <i>031800353-0025</i>		Description	1ST LEVEL FLOORS - RUG MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Yellow		100.00% Other	None Detected
Sample ID 9C <i>031800353-0026</i>		Description	1ST LEVEL FLOORS - RUG MASTIC		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	Yellow		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	Yellow		100.00% Other	None Detected
Sample ID 10A <i>031800353-0027</i>		Description	1ST LEVEL FLOORS - DROP CEILING		
		Homogeneity	Heterogeneous/Homogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected
Sample ID 10B <i>031800353-0028</i>		Description	1ST LEVEL FLOORS - DROP CEILING		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected
Sample ID 10C <i>031800353-0029</i>		Description	1ST LEVEL FLOORS - DROP CEILING		
		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected

Initial report from: 01/10/2018 03:17:11



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EMSL Order: 031800353

Customer ID: HANS22

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 11A 031800353-0030		Description Homogeneity	2ND LEVEL WINDOWS - WINDOW GLAZING Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White	None	100.00% Other	Inconclusive : <1.00% Chrysotile
TEM NYS 198.4 NOB	01/10/2018	White	None	100.00% Other	<1.00% Anthophyllite <1.00% Chrysotile <1% Total
Sample ID 11B 031800353-0031		Description Homogeneity	2ND LEVEL WINDOWS - WINDOW GLAZING Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected
Sample ID 11C 031800353-0032		Description Homogeneity	2ND FLOOR WINDOWS - WINDOW GLAZING Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/09/2018	White		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/10/2018	White		100.00% Other	None Detected
Sample ID 12A 031800353-0033		Description Homogeneity	1ST FLOOR WALLS - PLASTER AND LATH Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	Gray		55.00% Gypsum 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 12B 031800353-0034		Description Homogeneity	1ST FLOOR WALLS - PLASTER AND LATH Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	Gray		60.00% Gypsum 30.00% 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 12C 031800353-0035		Description Homogeneity	2ND FLOOR WALLS - PLASTER AND LATH Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	Gray		45.00% Gypsum 25.00% 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

Initial report from: 01/10/2018 03:17:11



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: 031800353

Customer ID: HANS22

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 12D <i>031800353-0036</i>			Description 2ND FLOOR WALLS - PLASTER AND LATH		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	Gray		30.00% Gypsum 30.00% Non-fibrous (other) 40.00% 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 12E <i>031800353-0037</i>			Description 2ND FLOOR WALLS - PLASTER AND LATH		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/13/2018	Gray		60.00% Gypsum 15.00% 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 13A <i>031800353-0038</i>			Description BASEMENT - PIPE INSULATION AT STRAIGHT RUNS		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	01/12/2018	Gray	None	81.80% Non-fibrous (other)	18.20% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 13B <i>031800353-0039</i>			Description BASEMENT - PIPE INSULATION AT STRAIGHT RUNS		
			Homogeneity		
PLM NYS 198.1 Friable	01/12/2018				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 13C <i>031800353-0040</i>			Description BASEMENT - PIPE INSULATION AT STRAIGHT RUNS		
			Homogeneity		
PLM NYS 198.1 Friable	01/12/2018				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

Initial report from: 01/10/2018 03:17:11



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EMSL Order: 031800353
Customer ID: HANS22
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: 1/8/2018
Analysis Completed Date: 1/10/2018

Sample Receipt Time: 9:51 AM
Analysis Completed Time: 2:56 AM

Analyst(s):

Chad Layne PLM NYS 198.1 Friable (14)

Ghaly Hemaya PLM NYS 198.1 Friable (4)

Kamel Alawawda PLM NYS 198.6 NOB (18)

Steven Li TEM NYS 198.4 NOB (18)

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: 01/10/2018 03:17:11



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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: 031801632
Customer ID: HANS22
Customer PO:
Project ID:

Attention: Hanson Van Vleet, LLC
902 Route 146
Clifton Park, NY 12065
Phone: (518) 371-7940
Fax: (518) 371-5885
Received Date: 01/23/2018 10:35 AM
Analysis Date: 01/30/2018
Collected Date: 01/18/2018
Project: LAKE GEORGE PARK COMMISSION, NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 14A <i>031801632-0001</i>			Description FRONT PORCH ROOF - ASPHALT SHINGLE Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/30/2018	Black		100.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/30/2018	Black		100.00% Other	None Detected
Sample ID 14B <i>031801632-0002</i>			Description FRONT PORCH ROOF - ASPHALT SHINGLE Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/30/2018	Black	4.00% Glass	96.00% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/30/2018	Black		100.00% Other	None Detected
Sample ID 14C <i>031801632-0003</i>			Description FRONT PORCH ROOF - ASPHALT SHINGLE Homogeneity Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	01/30/2018	Black	10.10% Glass	89.90% Other	Inconclusive: None Detected
TEM NYS 198.4 NOB	01/30/2018	Black		100.00% Other	None Detected

Initial report from: 01/30/2018 03:09:04



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: 031801632
Customer ID: HANS22
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: 1/23/2018
Analysis Completed Date: 1/30/2018

Sample Receipt Time: 10:35 AM
Analysis Completed Time: 12:09 AM

Analyst(s):

Tiquasha Thompson PLM NYS 198.6 NOB (3)

Steven Li TEM NYS 198.4 NOB (3)

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

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

Initial report from: 01/30/2018 03:09:04



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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: 031907896
Customer ID: HANS22
Customer PO:
Project ID:

Attention: Steve Catalano
Hanson Van Vleet, LLC
902 Route 146
Clifton Park, NY 12065
Phone: (518) 371-7940
Fax: (518) 371-5885
Received Date: 04/11/2019 10:19 AM
Analysis Date: 04/13/2019
Collected Date: 04/10/2019
Project: LAKE GEORGE PARK COMMISSION NY

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 1A <i>031907896-0001</i>		Description	CHIMNEY IN BASEMENT - FLUME GROUT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	04/13/2019	Gray/ White	None	30.00% Ca Carbonate 67.90% Non-fibrous (other)	2.10% Chrysotile
Result includes a small amount of inseparable attached material					
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 1B <i>031907896-0002</i>		Description	CHIMNEY IN BASEMENT - FLUME GROUT		
		Homogeneity			
PLM NYS 198.1 Friable	04/13/2019				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 1C <i>031907896-0003</i>		Description	CHIMNEY IN BASEMENT - FLUME GROUT		
		Homogeneity			
PLM NYS 198.1 Friable	04/13/2019				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 2A <i>031907896-0004</i>		Description	CHIMNEY IN BASEMENT - TIN CAN GROUT		
		Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	04/13/2019	Gray/ White	None	35.00% Ca Carbonate 53.00% Non-fibrous (other)	12.00% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 2B <i>031907896-0005</i>		Description	CHIMNEY IN BASEMENT - TIN CAN GROUT		
		Homogeneity			
PLM NYS 198.1 Friable	04/13/2019				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

Initial Report From: 04/13/2019 07:40:52



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: 031907896

Customer ID: HANS22

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 2C 031907896-0006		Description Homogeneity	CHIMNEY IN BASEMENT - TIN CAN GROUT		
PLM NYS 198.1 Friable	04/13/2019				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

Initial Report From: 04/13/2019 07:40:52



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EMSL Order: 031907896
Customer ID: HANS22
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: 4/11/2019
Analysis Completed Date: 4/13/2019

Sample Receipt Time: 10:19 AM
Analysis Completed Time: 12:06 AM

Analyst(s):

Ghaly Hemaya PLM NYS 198.1 Friable (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

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

Initial Report From: 04/13/2019 07:40:52

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

Hanson Van Vleet, LLC

902 Route 146

Clifton Park, NY 12065

FILE NUMBER: 05-0220

LICENSE NUMBER: 28463

LICENSE CLASS: RESTRICTED

DATE OF ISSUE: 03/14/2019

EXPIRATION DATE: 03/31/2020

Duly Authorized Representative – James Gironda:

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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

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



STEVEN W CATALANO
CLASS(EXPIRES)
D INSP(06/19)

CERT# 17-34777
DMV# 907811758

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