Asbestos License #73261---Asbestos Certification # 92-09664

P.O. Box 188 Pulaski, New York 13142 (315)527-8888

# ASBESTOS BUILDING INSPECTION REPORT PRE-DEMOLITION BUILDING SURVEY

PERFORM	ED FOR:
Greater Mohawk Valley L	and Bank, Inc.
500 East Main Street - Su	ite 2A
Little Falls	New York 13365
PROJECT	SITE:
Greater Mohawk Valley I	and Bank, Inc.
32 Furnace Street	
Little Falls	New York
1 2 1	7 1 8

P.O. Box 188 Pulaski, New York 13142 (315)527-8888

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### 1.0 EXECUTIVE SUMMARY

	A2Z Environmental IIc. was retained by <u>Greater Mohawk Valley Land Bank, Inc.</u> to perform a limited pre-demolition building survey for asbestos containing materials (ACM). This is report is not to be used for design purposes. Measurements are for a guide and should be verified by abatement contractor. There may be areas that were inaccessible for the inspector to sample.
*	The survey was performed by <u>Kyle Roberts</u> , New York State certified building inspector (certificate Number 92-09664) for A2Z Environmental IIc. and included the following:
	Review of available building records for reference to ACM; Visual inspection of the area to identify suspect ACM; Collection of representative samples of suspect ACM; Analysis of all samples by an independent, accredited laboratory; Preparation of a written report.
	Fieldwork for the survey was performed on $12-06-2018$ . Samples were delivered to EMSL Analytical INC. for polarized light microscopy (PLM) or (TEM) analysis on $12-08-2018$ . The survey included the collection and analysis of $63$ samples.
	2.0 INTRODUCTION
	The survey was performed at the request of Greater Mohawk Valley Land Bank, Inc. in preparation for possible demolition or Pernovation of the two family house located at 32 Furnace Street.  The objective of the survey was to identify ACM within the space or the entire building so that appropriate
	considerations can be made prior to demolition of the building or renovation of the said space.
	New York State Department of Labor Industrial Code Rule 56 (12NYCRR, Part 56) requires that prior to advertising for bids or contracting for or commencing work on any demolition work on a building, that the owner or agent of such building shall cause a survey for ACM to be conducted, and that identified ACM be removed by a licensed contractor prior to initiation of demolition activities. This survey was performed in accordance with these requirements.
	3.0 BACKGROUND

There are many factors that must be considered when determining the extent of potential health risks associated with the presence of asbestos-containing materials (ACM) in buildings. The major concern is with the possibility of fiber release from the

ACM and the subsequent inhalation of these fibers by building occupants.

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Asbestos is a known carcinogen found in many types of building materials, but its presence alone may not constitute a health hazard. Rather, a health hazard occurs when the asbestos fibers are in some way disturbed and become airborne. Asbestos fibers are most likely to be released into the air when the materials in which they are contained become loose, friable, or otherwise show signs of damage or deterioration by various causal agents.

Inhalation of these microscopic asbestos fibers has been medically proven to cause chronic disease such as asbestosis, mesothelioma and lung cancer. The severity of these diseases, along with the discovery of great amounts of asbestos in public and private buildings, has led government agencies to promulgate regulations aimed at reducing asbestos exposure. Maximum allowable exposure levels have been set for building occupants, and methods of compliance for removal and disposal of ACM have been instituted. Therefore, it is necessary to locate and identify all ACM within a building. Comprehensive data to this effect will allow for the implementation of a systematic asbestos abatement program.

#### 4.0 **METHODOLOGY**

The bulk sampling procedure utilized by A2Z Environmental LLC. is designed to collect samples of materials suspected to contain asbestos. Each individual type of materials as delineated by color, texture, pattern and location will be referred to as a homogeneous sampling area. Each homogeneous area will be sampled and assessed independently of each other.

The procedure for collecting a bulk sample entails complete penetration and removal of all layers of the suspect material, while at the same time, minimizing damage and potential fiber release. The sampling procedure begins with complete wetting of the sampling area. A core section is then cut from the material and placed in a sealed, airtight sample container. The exposed area is then sealed with spray adhesive and patched with duct tape when in an occupied space. The area where the core sample was removed is then labeled with a sample number to facilitate future reference. The sampling tool is then wet wiped and decontaminated with a disposable towel.

Each labeled sample is then transported along with a chain of custody form to a certified laboratory for analysis. Laboratory analysis of friable samples (materials which are able to be crushed or reduced to powder by hand pressure) is performed using Polarized Light Microscopy with Dispersion Staining in accordance with the EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples (EPA - 600/M4-82-020).

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Non-friable organically bound samples (NOBs) such as floor tile and roofing undergo gravimetric reduction and are then analyzed using (PLM) polarized light microscopy. Samples that test positive for asbestos are reported as such. Samples which test negative for asbestos (less than 1 % asbestos by weight) must be further analyzed by (TEM) transmission electron microscopy.

The testing laboratory is approved under the NYS Department of Health - Environmental Laboratory Approval Program (ELAP) as well as the National Institute of Standards and Technology - National Voluntary Laboratory Approval Program (NVLAP).

#### SUMMARY OF FINDINGS 5.0

There were no building records available at the time of the survey, therefore building records have have not, been reviewed as part of this effort.
The laboratory visually inspected for the presence of suspect ACM on
See Table 5.1 (starting on page 5) for a complete list of samples collected. If any additional suspect materials are discovered prior to or during demolition activities, then the material must be assumed to be asbestos-containing or must undergo Laboratory analysis in accordance with 29 CFR 191 0.1 1 01 to prove it non-asbestos.

#### \*\* SEE APPENDIX B FOR LOCATIONS OF ACM \*\*

It must be noted that the quantities of ACM provided on table 5.1 are estimates of the actual materials present that were available for inspection and assessment. These figures themselves should not be used as the sole basis for asbestos abatement contractors' bids or cost estimates. They are meant merely as estimates to gauge the scope of the project.

The purpose of the inspection was to determine the extent of asbestos-containing materials associated with the above referenced property only. New York State Department of Labor Regulations, 12 NYCRR Part 56, requires removal of all asbestos-containing materials from a building or structure prior to demolition or renovation activities.

Details concerning ACM location and quantity, sample locations, laboratory analysis, and consultant credentials are included in this report.

#### 6.0 Responsibility of owner or owner agent

The owner or owners agent is required to send a copy of this report to the Department of Labor prior to any Asbestos Abatement. The address that the report needs to be sent to depends on the county that the property is located. The addresses for the different Department of Labor District offices are listed on page 4 of this report.

ASBESTOS AIR MONITORING

P.O. Box 188 Pulaski, New York 13142 (315)527-8888

#### ASBESTOS CONTROL BUREAU DISTRICT OFFICES 7.0

#### ALBANY DISTRICT:

Counties - Albany, Clinton, Columbia, Dutchess, Essex, Fulton, Green, Montgomery, Orange, Putnam, Rockland, Rensselaer, Saratoga, Schenectady, Schoharie, Sullivan, Ulster, Warren, Washington

State Office Campus, Room 157, Albany, NY 12240 (518) 457-1255 (FAX) (518) 485-8054 (518) 457-2072 (FAX)(518) 485-8054 (Field Office)

### BUFFALO DISTRICT:

Counties - Cattaraugus, Chautauqua, Erie, Genesee, Livingston, Monroe, Niagara, Ontario, Orleans, Wayne, Wyoming, Yates

65 Court Street, Rm. 405, Buffalo, NY 14202 (716) 847-7601 (716) 847-7126 (FAX) (716) 847-7138

### NEW YORK CITY DISTRICT:

Counties - Bronx, Kings, Nassau, New York, Queens, Richmond, Suffolk, Westchester

One Hudson Square, 75 Varick Street (7th Floor), New York, NY 10013 (212) 775-3532

### SYRACUSE DISTRICT:

Counties - Allegany, Broome, Cayuga, Chemung, Chenango, Cortland, Delaware, Franklin, Hamilton, Herkimer, Jefferson, Lewis, Madison, Oneida, Onondaga, Oswego, Otsego, St. Lawrence, Schuyler, Seneca, Steuben, Tioga, Tompkins,

450 S. Salina Street, Syracuse, NY 13202 (315) 479-3215 (FAX) (315) 479-3333

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All remaining suspect ACM were analyzed at an independent, accredited laboratory. Table 5.1 summarizes the bulk sampling analytical results.

Table 5.1 - Asbestos Bulk Sample Summary of asbestos containing materials

Sample Number	Material Sampled	Condition	Lab Results (% Asbestos)	Estimated Quantity
01-1a	air cell pipe wrap - basement	significantly damaged	17.00% Chrysotile	150 +/-lf
02-1b	air cell pipe wrap - basement	same as 01-1a	same as 01-1a	same as 01-1a
03-2a	pipe compound - basement elbows	significantly damaged	36.00% Chrysotile	37 +/- fittings
04-2b	pipe compound - basement elbows	same as 03-2a	same as 03-2a	same as 03-2a
16-8b	12" x 12" self stick tile - 1st floor front entry - floor	n/a	<1.00% Chrysotile	n/a
18-9b	mastic (tan) 1st floor middle room - wall	n/a	<1.00% Chrysotile	n/a
21-11a	linoleum (stone patterned) 2nd floor kitchen - floor	good	7.40% Chrysotile	120 sq'
22-11b	linoleum (stone patterned) 2nd floor kitchen - floor	same as 21-11a	same as 21-11a	same as 21-11a

<sup>\*</sup>Abatement contractor needs to visit the site to verify estimated quantity before bidding.\*

Laboratory reports are included as Appendix C to this report. Floor plan drawings identifying sample locations and locations of identified ACM are included as Appendix "B"

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### Appendix A

**Certification and License** 

### 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**

A 2 Z Environmental LLC

P.O. Box 188

Pulaski, NY 13142

FILE NUMBER: 13-73261 LICENSE NUMBER: 73261

LICENSE CLASS: RESTRICTED DATE OF ISSUE: 10/10/2018

EXPIRATION DATE: 10/31/2019

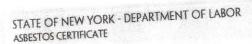
Duly Authorized Representative - Jamie D Foster:

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

SH 432 (8/12)







KYLE E ROBERTS CLASS(EXPIRES) A HAND(01/19) D INSP(01/19)

> CENTA 09-13244. OASVA 669888945

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO
HAIR BRO
HGT 5' 10"

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

# New York State Department of Health Certificate of Asbestos Safety Training This form is the official record of successful completion of a New York State accredited asbestos safety training course.

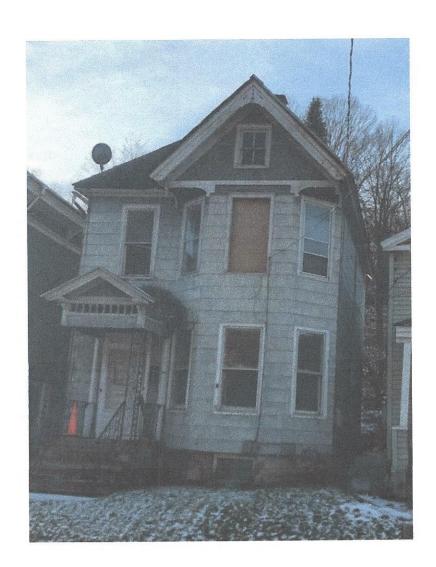
I –To be con	npleted by Trainee	ficate No 8 0 8 7 0 6		
Name of Trainee (print)	NYS Depart. of Motor Veh	nicles ID (DMV ID)1		
KYLE ROBERTS	669 886 545			
Signature of Trainee	Telephone Number	Date of Birth <sup>1</sup>		
96 E /m	315-527-5150	01-06-198		
Address 24 WESTMORELAND ST. WHI		192		
(Street or PO Box) (City)		p Code)		
	by Training Sponsor			
Provider's Name	Telephone Number			
Cornerstone Training Institute	585-319-36	25		
Address 460 State Street, 2nd Floor Zip Code Rochester, NY 14608	Course Location: 460 State Sta			
Course Title: Inspector	Initial Refresher			
Training Language: 🔀 English 🗌 Other:	Exam Grade/I	Date: <u>967° 3/88</u> /		
Dates of Training: From: 3/26/18 T	o: <u>3 /88 / /8</u> Expires:	3128119		
I certify that the asbestos safety training course given TSCA Title II, was consistent with the curriculum an Health, and the trainee receiving this certificate comple	nd instructors approved by the New	York State Department of		
Training Director <sup>2</sup> : <u>Legin Hutton</u>	Same American			
(Print)	uivalency signed by NYS DOH representati	(Signature) STUDEN		

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Appendix B

Floor Plan Drawings and Pictures



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### Appendix C

**Laboratory Analysis Reports and Chain of Custody** 



### **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: 031833018 Customer ID: AZCC25

Customer PO: Project ID:

Attention: Jamie Foster

A2Z Environmental LLC.

PO Box 188

Pulaski, NY 13142

Phone: (315) 527-8888

Fax: (315) 363-4525

Received Date: 12/08/2018 1:06 PM

Analysis Date: 12/15/2018

Collected Date: 12/08/2018

Project: A2Z12060118B / 32 FURNACE STREET LITTLE FALLS NY

### Test Report: Asbestos Analysis of Bulk Material

#### Non-Asbestos

Test	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID 01-1A		Description	BASEMENT - AIR CE	LL PIPE WRAP	
031833018-0	0001	Homogeneit	y Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Gray 40	0.00% Cellulose	43.00% Non-fibrous (other)	17.00% Chrysotile
PLM NYS 198.6 VCM		A CONTRACTOR OF THE STREET, ST			Not Analyzed
PLM NYS 198.6 NOB	****				Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 02-1B		Description	BASEMENT - AIR CE	LL PIPE WRAP	
031833018-0	0002	Homogeneit			
PLM NYS 198.1 Friable	12/15/2018				Positive Stop (Not Analyzed)
PLM NYS 198,6 VCM		All the second	the state of the s		Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 03-2A		Description	BASEMENT-ELBOW	S - PIPE COMPOUND	
031833018-	0003	Homogeneit	y Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Gray	None	25.00% Ca Carbonate 39.00% Non-fibrous (other)	36.00% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 04-2B		Description	BASEMENT-ELBOW	S - PIPE COMPOUND	
031833018-	0004	Homogenei	ty		
PLM NYS 198.1 Friable	12/15/2018				Positive Stop (Not Analyzed)
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB		A DECEMBER OF THE PROPERTY OF	and the second s		Not Analyzed
TEM NYS 198.4 NOB		, , , , , , , , , , , , , , , , , , ,	······································		Not Analyzed
Sample ID 05-3A		Description	ATTIC - BLOWN IN I	NSULATION	
031833018	-0005	Homogenei	ty Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Gray 8	30.00% Cellulose	20.00% 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



Customer PO: Project ID:

### Test Report:Asbestos Analysis of Bulk Material

#### Non-Asbestos

	Analyzed			Non-Aspestos	
Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID 06-3B		Description	ATTIC - BLOWN IN I	NSULATION	
031833018-	0006	Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown 98.0	0% Cellulose	2.00% Non-fibrous (other)	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB		A CONTRACTOR OF THE CONTRACTOR			Not Analyzed
Sample ID 07-4A		Description	1ST FLOOR - BATH	ROOM - CEILING - 2X4 ACOUSTICAL CEILING	TILE
031833018-	-0007	Homogeneity	Heterogeneous		A Commission of the Commission
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Gray/ White		100.00% Other	None Detected
Sample ID 08-4B		Description	1ST FLOOR - BATH	ROOM - CEILING - 2X4 ACOUSTICAL CEILING	STILE
031833018	-0008	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Gray/ White		100.00% Other	None Detected
Sample ID 09-5A		Description	1ST FLOOR KITCH	EN - FLOOR - UNDER 9X9 VCT - FELT PAPER	
031833018	-0009	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Black		100.00% Other	None Detected
Sample ID 10-5B		Description	1ST FLOOR KITCH	EN - FLOOR - UNDER 9X9 VCT - FELT PAPER	
031833018	3-0010	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB		and the second s			Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Black		100.00% Other	None Detected
Sample ID 11-6A-Flo	or Tile	Description	1ST FLOOR KITCH	IEN - FLOOR - 9X9 VCT	
031833018		Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Beige	the second secon	100.00% Other	None Detected



Customer PO: Project ID:

### Test Report:Asbestos Analysis of Bulk Material

#### Non-Asbestos

	Austral		Non-Aspestos		
Test	Analyzed Date	Color	Fibrous Non-Fibro	ous Asbestos	
Sample ID 11-6A-N	Mastic	Description	1ST FLOOR KITCHEN - FLOOR - 9X9 VCT		
	18-0011A	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friat	ole			Not Analyzed	
PLM NYS 198.6 VCM	· · · · · · · · · · · · · · · · · · ·	The state of the s		Not Analyzed	
PLM NYS 198.6 NOB				Not Analyzed	
TEM NYS 198.4 NOB		Black	100.00% Other	None Detected	
	Floor Tile	Description	2ND FLOOR KITCHEN - FLOOR - 9X9 VCT		
	018-0012	Homogeneity	Heterogeneous		
PLM NYS 198.1 Frial	ole	7		Not Analyzed	
PLM NYS 198.6 VCN	l		2	Not Analyzed	
PLM NYS 198.6 NOE	}			Not Analyzed	
TEM NYS 198.4 NOE	12/15/2018	Brown	100.00% Other	None Detected	
Sample ID 12-6B-		Description	2ND FLOOR KITCHEN - FLOOR - 9X9 VCT		
	018-0012A	Homogeneity	Heterogeneous		
PLM NYS 198.1 Fria	ble			Not Analyzed	
PLM NYS 198.6 VCN	Л			Not Analyzed	
PLM NYS 198.6 NOE	3			Not Analyzed	
TEM NYS 198.4 NO		Black	100.00% Other		
Sample ID 13-7A-	Floor Tile	Description	1ST FLOOR LIVING ROOM - FLOOR - 12X12 SELF STICK TILE (DIAMOND WOODGRAIN)		
Control Contro	018-0013	Homogeneity	Heterogeneous		
PLM NYS 198.1 Fria	ble			Not Analyzed	
PLM NYS 198.6 VCI	VI	y		Not Analyzed	
PLM NYS 198.6 NO	В			Not Analyzed	
TEM NYS 198.4 NO		Brown	100.00% Othe		
	-Adhesive	Description	1ST FLOOR LIVING ROOM - FLOOR - 12X12	SELF STICK TILE (DIAMOND WOODGRAIN)	
	8018-0013A	Homogeneity	Heterogeneous		
PLM NYS 198.1 Fria	able			Not Analyzed	
PLM NYS 198.6 VC	M	<u> </u>		Not Analyzed	
PLM NYS 198.6 NO				Not Analyzed	
TEM NYS 198.4 NO	1011510010	Brown/ Black	100.00% Othe		
Sample ID 14-7B		Description	1ST FLOOR LIVING ROOM - FLOOR - 12X1	2 SELF STICK TILE (DIAMOND WOODGRAIN)	
Tr. MAD	3018-0014	Homogeneity	Heterogeneous		
PLM NYS 198.1 Fri	able	The state of the s		Not Analyzed	
PLM NYS 198.6 VC			2 180 200 200 200 200 200 200 200 200 200 2	Not Analyzed	
PLM NYS 198.6 NC				Not Analyzed	
TEM NYS 198.4 NO		Green	100.00% Othe	er None Detected	



Customer PO: Project ID:

### Test Report: Asbestos Analysis of Bulk Material

#### Non-Asbestos

	Annahama A		Non-Ask		
Tes	Analyzed st Date	Color	Fibrous	Non-Fibrous	Asbestos
ample ID	15-8A-Light Green Floor Tile	Description	1ST FLOOR FRONT ENTRY	- FLOOR - 12X12 SELF STICK TILE	World And Company of the Property of the Company of
	031833018-0015	Homogeneity	Heterogeneous		
PLM NYS 19	8.1 Friable				Not Analyzed
PLM NYS 19	8.6 VCM	and the second s			Not Analyzed
PLM NYS 19	8.6 NOB				Not Analyzed
TEM NYS 19	8.4 NOB 12/15/2018	Green	and the state of t	100.00% Other	None Detected
Sample ID	15-8A-Dark Green Floor Tile	Description	1ST FLOOR FRONT ENTRY	- FLOOR - 12X12 SELF STICK TILE	
	031833018-0015A	Homogeneity	Heterogeneous		
PLM NYS 19	8.1 Friable				Not Analyzed
PLM NYS 19	8.6 VCM	y			Not Analyzed
PLM NYS 19	8.6 NOB	The second secon			Not Analyzed
TEM NYS 19	8.4 NOB 12/15/2018	Green		100.00% Other	None Detected
Sample ID	16-8B	Description	1ST FLOOR FRONT ENTRY	- FLOOR - 12X12 SELF STICK TILE	
NAMES AND DESCRIPTION OF THE PARTY OF THE PA	031833018-0016	Homogeneity	Heterogeneous		
PLM NYS 19	8.1 Friable				Not Analyzed
PLM NYS 19	8.6 VCM	And the second of the second o			Not Analyzed
PLM NYS 19	8.6 NOB				Not Analyzed
TEM NYS 19	98.4 NOB 12/15/2018	White	None	100.00% Other	<1.00% Chrysotile
Sample ID	17-9A	Description	1ST FLOOR MIDDLE ROOM	I - WALL - MASTIC (TAN)	
	031833018-0017	Homogeneity	Heterogeneous		
PLM NYS 19	8.1 Friable				Not Analyzed
PLM NYS 19	98.6 VCM				Not Analyzed
PLM NYS 19	98.6 NOB	A STATE OF THE STA			Not Analyzed
TEM NYS 19	98.4 NOB 12/15/2018	Tan	E 6 00000000000000000000000000000000000	100.00% Other	None Detected
Sample ID	18-9B	Description	1ST FLOOR MIDDLE ROOM	I - WALL - MASTIC (TAN)	
•	031833018-0018	Homogeneity	Heterogeneous		
PLM NYS 19	98.1 Friable				Not Analyzed
PLM NYS 19	98.6 VCM				Not Analyzed
PLM NYS 19	98.6 NOB				Not Analyzed
TEM NYS 19	98.4 NOB 12/15/2018	Tan	None	100.00% Other	<1.00% Chrysotile
Sample ID	19-10A-Floor Tile	Description	1ST FLOOR BATHROOM - F	FLOOR - 12X12 SELF STICK TILE (COLC	DRED DIAMOND)
	031833018-0019	Homogeneity	Heterogeneous		
PLM NYS 19	98.1 Friable				Not Analyzed
PLM NYS 19	98.6 VCM	and the second s			Not Analyzed
PLM NYS 1					Not Analyzed
TEM NYS 1		White		100.00% Other	None Detected



Customer PO: Project ID:

### Test Report:Asbestos Analysis of Bulk Material

### Non-Asbestos

	Analyzed		1	Non-Aspestos	
Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID 19	9-10A-Mastic	Description	1ST FLOOR BATHRO	OOM - FLOOR - 12X12 SELF STICK TILE	E (COLORED DIAMOND)
03	31833018-0019A	Homogeneity	Heterogeneous		
PLM NYS 198.1	Friable				Not Analyzed
PLM NYS 198.6	VCM				Not Analyzed
PLM NYS 198.6	NOB	and the second s			Not Analyzed
TEM NYS 198.4	NOB 12/15/2018	Black		100.00% Other	None Detected
Sample ID 20	0-10B-Floor Tile	Description	1ST FLOOR BATHRO	OOM - FLOOR - 12X12 SELF STICK TILE	E (COLORED DIAMOND)
03	31833018-0020	Homogeneity	Heterogeneous		
PLM NYS 198.1	Friable		Hally 12		Not Analyzed
PLM NYS 198.6	VCM				Not Analyzed
PLM NYS 198.6	NOB				Not Analyzed
TEM NYS 198.4	NOB 12/15/2018	White		100.00% Other	None Detected
Sample ID 2	0-10B-Mastic	Description	1ST FLOOR BATHRO	OOM - FLOOR - 12X12 SELF STICK TIL	E (COLORED DIAMOND)
03	31833018-0020A	Homogeneity	Heterogeneous		
PLM NYS 198.1	1 Friable				Not Analyzed
PLM NYS 198.6	5 VCM				Not Analyzed
PLM NYS 198.0	6 NOB				Not Analyzed
TEM NYS 198.4	4 NOB 12/15/2018	Black		100.00% Other	None Detected
Sample ID 2	1-11A	Description	2ND FLOOR KITCHE	EN - FLOOR - LINOLEM (STONE PATTE	RNED)
0	31833018-0021	Homogeneity	Heterogeneous		
PLM NYS 198.	1 Friable				Not Analyzed
PLM NYS 198.0	6 VCM				Not Analyzed
PLM NYS 198.0	6 NOB				Not Analyzed
TEM NYS 198.4	4 NOB 12/15/2018	Beige	None	92.60% Other	7.40% Chrysotile
Sample ID 2	2-11B	Description	2ND FLOOR KITCHI	EN - FLOOR - LINOLEM (STONE PATTE	RNED)
0	31833018-0022	Homogeneity			
PLM NYS 198.	1 Friable				Not Analyzed
PLM NYS 198.	6 VCM				Not Analyzed
PLM NYS 198.	6 NOB				Not Analyzed
TEM NYS 198.	4 NOB 12/15/2018		1000 1000 1000		Positive Stop (Not Analyzed)
Sample ID 2	23-12A	Description	1ND FLOOR KITCH	EN - UNDER HARDWOOD - FELT PAPE	R
0	931833018-0023	Homogeneity	Heterogeneous		
PLM NYS 198.	1 Friable				Not Analyzed
PLM NYS 198.	6 VCM				Not Analyzed
PLM NYS 198.	6 NOB				Not Analyzed
TEM NYS 198.	4 NOB 12/15/2018	Black		100.00% Other	None Detected



Customer PO: Project ID:

### Test Report:Asbestos Analysis of Bulk Material

#### Non-Asbestos

	Analyzed		140	II-Asbesios	Achartan
Test	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID 24-12B		Description		- UNDER HARDWOOD - FELT PAPER	
031833018-	0024	Homogeneity	Heterogeneous		Not Anches
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Black		100.00% Other	None Detected
Sample ID 25-13A		Description	1ST FLOOR BEDROOM	1 - FLOOR - LINOLEUM (MULTI COLORED)	
031833018	-0025	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable				to the second se	Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Various		100.00% Other	None Detected
Sample ID 26-13B		Description	1ST FLOOR BEDROOM	/ - FLOOR - LINOLEUM (MULTI COLORED)	
031833018	-0026	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable					Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Various		100.00% Other	None Detected
Sample ID 27-14A		Description	1ST FLOOR LANDING	- FLOOR - LINOLEUM (RED)	
031833018	3-0027	Homogeneity	Heterogeneous		And the second s
PLM NYS 198.1 Friable	1				Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB	<del> </del>				Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Red		100.00% Other	None Detected
Sample ID 28-14B		Description	2ND FLOOR LANDING	- FLOOR - LINOLEUM (RED)	
031833018	3-0028	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable	)	A CONTRACTOR OF THE CONTRACTOR			Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB			and the second s		Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Red		100.00% Other	None Detected
Sample ID 29-15A		Description	STAIRS FROM 1ST TO	2ND FLOOR - LINOLEUM (GREEN)	
03183301	8-0029	Homogeneity	Heterogeneous		
PLM NYS 198.1 Friable	•		The state of the s		Not Analyzed
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB		and the second s	COMPANY OF THE STATE OF THE STA		Not Analyzed
TEM NYS 198.4 NOB	12/15/2018	Green		100.00% Other	None Detected



Customer PO: Project ID:

### Test Report:Asbestos Analysis of Bulk Material

#### Non-Asbestos

	Analyz	ed	14	UII-ASDESIUS	
Test	15		Fibrous	Non-Fibrous	Asbestos
ample ID 3	0-15B	Description	STAIRS FROM 1ST TO	2ND FLOOR - LINOLEUM (GREEN)	
C	31833018-0030	Homogeneity	Heterogeneous		
LM NYS 198.	1 Friable				Not Analyzed
PLM NYS 198.	6 VCM				Not Analyzed
PLM NYS 198.	6 NOB	and the second of the second o			Not Analyzed
TEM NYS 198.	4 NOB 12/15/2	018 Green		100.00% Other	None Detected
Sample ID	31-16A	Description	2ND FLOOR HALLWA	Y - LINOLEUM (BLUE)	
(	031833018-0031	Homogeneity	Heterogeneous		
PLM NYS 198	.1 Friable				Not Analyzed
PLM NYS 198	.6 VCM				Not Analyzed
PLM NYS 198	.6 NOB				Not Analyzed
TEM NYS 198	.4 NOB 12/15/2	2018 Blue		100.00% Other	None Detected
Sample ID	32-16B	Description	2ND FLOOR HALLWA	Y - LINOLEUM (BLUE)	
	031833018-0032	Homogeneity	Heterogeneous		
PLM NYS 198	.1 Friable				Not Analyzed
PLM NYS 198	.6 VCM				Not Analyzed
PLM NYS 198	.6 NOB				Not Analyzed
TEM NYS 198	.4 NOB 12/15/2	2018 Blue		100.00% Other	None Detected
Sample ID	33-17A	Description	2ND FLOOR KITCHE	N - INSULATIN VAPOR BARRIER (PINK)	
	031833018-0033	Homogeneity	Heterogeneous		
PLM NYS 198	.1 Friable				Not Analyzed
PLM NYS 198	B.6 VCM				Not Analyzed
PLM NYS 198	6.6 NOB				Not Analyzed
TEM NYS 198	3.4 NOB 12/15/	2018 Pink		100.00% Other	None Detected
Sample ID	34-17B	Description	2ND FLOOR KITCHE	N - INSULATIN VAPOR BARRIER (PINK)	
	031833018-0034	Homogeneity	Heterogeneous		
PLM NYS 198	3.1 Friable				Not Analyzed
PLM NYS 198	3.6 VCM				Not Analyzed
PLM NYS 198	3.6 NOB				Not Analyzed
TEM NYS 19	8.4 NOB 12/15/	2018 Pink		100.00% Other	None Detected
Sample ID	35-18A	Description	2ND FLOOR KITCHE	N - INSULATION VAPOR BARRIER (FOIL)	
	031833018-0035	Homogeneity	Heterogeneous		
PLM NYS 19	8.1 Friable				Not Analyzed
PLM NYS 19	B.6 VCM				Not Analyzed
PLM NYS 19	8.6 NOB	· · · · · · · · · · · · · · · · · · ·			Not Analyzed
TEM NYS 19		/2018 Silver	and the second s	100.00% Other	None Detected



Customer PO: Project ID:

### Test Report: Asbestos Analysis of Bulk Material

		A a lease al			Non-Asbestos	
Te	est	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos
ample ID	36-18B		Description	2ND FLOOR KITCH	EN - INSULATION VAPOR BARRIER (FOIL)	
	031833018-0036	3	Homogeneity	Heterogeneous		
LM NYS 19	98.1 Friable					Not Analyzed
LM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB	12/15/2018	Silver		100.00% Other	None Detected
Sample ID	37-19A		Description	1ST FLOOR FRON	T ENTRY - TEXTURED - JOINT COMPOUND - SKIN	M COAT
NO MANAGEMENT DE PROTECTION AND RESERVE	031833018-003	7	Homogeneity	Homogeneous		
PLM NYS 19	98.1 Friable	12/15/2018	White		45.00% Ca Carbonate 55.00% Non-fibrous (other)	None Detected
PLM NYS 19	98.6 VCM					Not Analyzed
PLM NYS 19	98.6 NOB					Not Analyzed
TEM NYS 19	98.4 NOB					Not Analyzed
Sample ID	38-19B		Description	2ND FLOOR MIDD COAT	LE ROOM - ADJACENT TO BATHROOM - JOINT CO	OMPOUND - SKIM
	031833018-003	8	Homogeneity	Homogeneous		
PLM NYS 1	98.1 Friable	12/15/2018	White		55.00% Ca Carbonate 2.00% Mica 43.00% Non-fibrous (other)	None Detected
DI 11 10/0 4	00.01/00#		A Control of the Cont		43.00% Non-infods (offici)	Not Analyzed
PLM NYS 1						Not Analyzed
PLM NYS 1		dr				Not Analyzed
TEM NYS 1				OND ELOOP LIVIN	G ROOM - LINES - JOINT COMPOUND - SKIM CO/	
Sample ID	39-20A 031833018-003	19	Description Homogeneity	Homogeneous	STOOM - LINES - VOINT SOM SOMS SOME	
DI M NVC 1	98.1 Friable	12/15/2018	White	None	100.00% Non-fibrous (other)	
					Vermiculite Present	
<del></del>		g vermiculite.	NYS requires ELAP method	198.8.		Not Analyzed
PLM NYS 1	98.6 VCM					Not Analyzed  Not Analyzed
PLM NYS 1	98.6 NOB	·		and the second s		
TEM NYS 1	98.4 NOB				NING SOUTH COMPOSITION OF THE CO	Not Analyzed
Sample ID	40-20B	40	Description		IG ROOM - LINES - JOINT COMPOUND - SKIM CO	AI .
	031833018-004		Homogeneity	Homogeneous	100.00% Non-fibrous (other)	
PLM NYS 1	98.1 Friable	12/15/2018	White	None	Vermiculite Present	
Surfacing N	laterial containing	ng vermiculite.	NYS requires ELAP method	198.8.		
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID			Description	2ND FLOOR KITC	HEN - POPCORN TEXTURE SKIM COAT	
· · · · · · · · · · · · · · · · · · ·	031833018-004	41	Homogeneity	Homogeneous		
PLM NYS 1	198.1 Friable	12/15/2018	White 10.00%	6 Wollastonite	40.00% Ca Carbonate 50.00% Non-fibrous (other)	None Detected
PLM NYS 1	198.6 VCM					Not Analyzed
PLM NYS 1	198.6 NOB					Not Analyzed
	198.4 NOB					Not Analyzed



Customer PO: Project ID:

### Test Report: Asbestos Analysis of Bulk Material

#### Non-Asbestos

						Ion-Asbestos	
Tes	st	Analyzed Date	Color		Fibrous	Non-Fibrous	Asbestos
	42-21B		Description	1 2	ND FLOOR KITCHE	N - POPCORN TEXTURE SKIM COAT	
	031833018-0042		Homogene	32	Heterogeneous		
LM NYS 198	3.1 Friable	12/15/2018	White/ Green	24.00% (	Cettulose	20.00% Ca Carbonate 5.00% Mica 51.00% Non-fibrous (other)	None Detected
PLM NYS 198	8.6 VCM						Not Analyzed
LM NYS 198			VIII 10 10 10 10 10 10 10 10 10 10 10 10 10				Not Analyzed
TEM NYS 198			<u></u>				Not Analyzed
	43-22B		Description	n 2	2ND FLOOR HALLWA	AY - ROUGH TEXTURE - JOINT COMPO	UND - SKIM COAT
sample is	031833018-0043	3	Homogene	eity	Homogeneous		
PLM NYS 198	8.1 Friable	12/15/2018	Brown/ White	60.00%	Cellulose	25.00% Ca Carbonate 15.00% Non-fibrous (other)	None Detected
PLM NYS 198	8.6 VCM						Not Analyzed
PLM NYS 198							Not Analyzed
TEM NYS 198					the same of the sa		Not Analyzed
Sample ID	44-22B		Descriptio	n	2ND FLOOR HALLW	AY - ROUGH TEXTURE - JOINT COMPO	UND - SKIM COAT
Campie io	031833018-004	4	Homogene		Homogeneous		
PLM NYS 19	8.1 Friable	12/15/2018	White			40.00% Ca Carbonate 40.00% Non-fibrous (other) 20.00% Perlite	None Detected
DI MANYO 40	O C VCM						Not Analyzed
PLM NYS 19							Not Analyzed
PLM NYS 19			The second secon				Not Analyzed
TEM NYS 19			December		2ND ELOOR BATHR	OOM - JOINT COMPOUND	
Sample ID	45-23A 031833018-004	1F	Description Homogen		Homogeneous		
PLM NYS 19		12/15/2018	Brown/ White		Cellulose	34.00% Non-fibrous (other)	None Detected
PLM NYS 19		ayer included i	in analysis				Not Analyzed
							Not Analyzed
PLM NYS 19			· · · · · · · · · · · · · · · · · · ·				Not Analyzed
TEM NYS 19			Description	on	2ND FLOOR BATHE	ROOM - JOINT COMPOUND	
Sample ID	46-23B 031833018-004	46	Homogen		Homogeneous		
PLM NYS 19		12/15/2018	White	,		40.00% Ca Carbonate 60.00% Non-fibrous (other)	None Detected
PLM NYS 19	98.6 VCM						Not Analyzed
PLM NYS 19						the state of the s	Not Analyzed
TEM NYS 1							Not Analyzed
Sample ID			Descripti	on	2ND FLOOR BATH	ROOM - DRYWALL	
Sample ID	031833018-00	47	Homoger		Homogeneous		
		12/15/2018	Gray	12.00%	6 Cellulose 6 Glass	55.00% Gypsum 28.00% Non-fibrous (other)	None Detected
PLM NYS 1	30.1 Filable						Not Analyzed
							Not Allalyzeu
PLM NYS 1 PLM NYS 1	198.6 VCM						Not Analyzed



Customer PO: Project ID:

### Test Report:Asbestos Analysis of Bulk Material

#### Non-Asbestos

	A CONTRACTOR		N	on-Asbestos	
Test	Analyzed Date	Color	Fibrous	Non-Fibrous	Asbestos
ample ID 48-23D		Description	2ND FLOOR BATHRO	OM - DRYWALL	
03183301	18-0048	Homogeneity	Homogeneous		
LM NYS 198.1 Friabi	le 12/15/2018	Brown/ White 13.00	0% Cellulose	55.00% Gypsum 32.00% Non-fibrous (other)	None Detected
LM NYS 198.6 VCM					Not Analyzed
LM NYS 198.6 NOB					Not Analyzed
EM NYS 198.4 NOB	<u></u>				Not Analyzed
Sample ID 49-24A-	Skim Coat	Description	1ST FLOOR BEDROO	M - PLASTER	
0318330	18-0049	Homogeneity	Homogeneous		
PLM NYS 198.1 Friab	le 12/15/2018	White 3.00	0% Hair	50.00% Ca Carbonate 47.00% 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 49-24A-	Rough Coat	Description	1ST FLOOR BEDROO	DM - PLASTER	
0318330	18-0049A	Homogeneity	Homogeneous		
PLM NYS 198.1 Friab	le 12/15/2018	Brown 6.00	0% Hair	10.00% Ca Carbonate 44.00% 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
	-Skim Coat	Description	1ST FLOOR MIDDLE	ROOM - PLASTER	
0318330		Homogeneity	Homogeneous		
PLM NYS 198.1 Friab	nle 12/15/2018	White		60.00% Ca Carbonate 40.00% Non-fibrous (other)	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB			Agranda de la compansión de la compansió		Not Analyzed
TEM NYS 198.4 NOB		PROFILE TO THE PROFIL			Not Analyzed
Sample ID 50-24B	-Rough Coat	Description	1ST FLOOR MIDDLE	ROOM - PLASTER	
0318330	018-0050A	Homogeneity	Homogeneous		
PLM NYS 198.1 Friat	ole 12/15/2018	Brown/ Gray 7.0	00% Hair	25.00% Ca Carbonate 42.00% Non-fibrous (other) 26.00% Quartz	None Detected
PLM NYS 198.6 VCM			***************************************		Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
	-Skim Coat	Description	2ND FLOOR HALLWA	AY - PLASTER	
	018-0051	Homogeneity	Homogeneous		
PLM NYS 198.1 Frial	ble 12/15/2018	White		40.00% Ca Carbonate 60.00% Non-fibrous (other)	None Detected
PLM NYS 198.6 VCN	ı	Land the second			Not Analyzed
PLM NYS 198.6 NOE	3				Not Analyzed
TEM NYS 198.4 NOE					Not Analyzed



Customer PO: Project ID:

### Test Report:Asbestos Analysis of Bulk Material

#### Non-Asbestos

-		Analyzed			SANDON MARKONING	8-1
Te	est	Date	Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	51-25A-Roug	h Coat	Description	2ND FLOOR HALLWAY	- PLASTER	
	031833018-00	51A	Homogeneity	Homogeneous		
PLM NYS 1	98.1 Friable	12/15/2018		.00% Cellulose	5.00% Ca Carbonate	None Detected
			11.	.00% Hair	34.00% Non-fibrous (other)	
		rangu, marawana - y m			47.00% Quartz	TAX SA AVERT CONST
PLM NYS 1	98.6 VCM					Not Analyzed
PLM NYS 1	98.6 NOB					Not Analyzed
TEM NYS 1	98.4 NOB					Not Analyzed
Sample ID	52-25B		Description	2ND FLOOR BATHROO	DM - PLASTER	
	031833018-00	52	Homogeneity	Heterogeneous		
PLM NYS 1	98.1 Friable	12/15/2018	Gray/ White 5	.00% Cellulose	10.00% Ca Carbonate	None Detected
			7	.00% Hair	33.00% Non-fibrous (other)	
	i	lavier included in	a analysis		45.00% Quartz	
PLM NYS 1		layer included in	i alialysis			Not Analyzed
				and the same of th		Not Analyzed
PLM NYS 1					· · · · · · · · · · · · · · · · · · ·	Not Analyzed
TEM NYS 1					THE PROPERTY OF THE PROPERTY O	
Sample ID	53-26A		Desembles	2ND FLOOR BATHROO	OM - FLOOR - 12X12 SELF STICK TILE (BLA	CK/VVHITE)
			Description		,	0E2
	031833018-00	053	Homogeneity			
		953	\$10,000 to			Not Analyzed
	031833018-00 98.1 Friable	953	\$10,000 to			
PLM NYS 1	031833018-00 98.1 Friable 98.6 VCM	953	\$10,000 to			Not Analyzed
PLM NYS 1	031833018-00 98.1 Friable 98.6 VCM 98.6 NOB	12/15/2018	\$10,000 to		100.00% Other	Not Analyzed Not Analyzed
PLM NYS 1 PLM NYS 1 PLM NYS 1	031833018-00 98.1 Friable 98.6 VCM 98.6 NOB		Homogeneity	Heterogeneous		Not Analyzed Not Analyzed Not Analyzed Not Detected
PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1	98.1 Friable 98.6 VCM 98.6 NOB 98.4 NOB	12/15/2018	Homogenetty White/ Black	Heterogeneous  2ND FLOOR BATHROO	100.00% Other	Not Analyzed Not Analyzed Not Analyzed Not Detected
PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1 Sample ID	98.1 Friable 98.6 VCM 98.6 NOB 98.4 NOB 54-26B	12/15/2018	Homogeneity  White/ Black  Description	Heterogeneous  2ND FLOOR BATHROO	100.00% Other	Not Analyzed Not Analyzed Not Analyzed Not Detected
PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1 Sample ID	98.1 Friable 98.6 VCM 98.6 NOB 98.4 NOB 54-26B 031833018-00	12/15/2018	Homogeneity  White/ Black  Description	Heterogeneous  2ND FLOOR BATHROO	100.00% Other	Not Analyzed Not Analyzed Not Analyzed None Detected CK/WHITE)
PLM NYS 1 PLM NYS 1 PLM NYS 1 TEM NYS 1 Sample ID	031833018-00 98.1 Friable 98.6 VCM 98.6 NOB 98.4 NOB 54-26B 031833018-00 98.1 Friable 98.6 VCM	12/15/2018	Homogeneity  White/ Black  Description	Heterogeneous  2ND FLOOR BATHROO	100.00% Other	Not Analyzed Not Analyzed Not Analyzed None Detected CK/WHITE) Not Analyzed



**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: 12/8/2018

Analysis Completed Date: 12/15/2018

Sample Receipt Time:

1:06 PM

Analysis Completed Time: 5:33 PM

Analyst(s):

Chad Layne PLM NYS 198.1 Friable (16)

Jon Williams PLM NYS 198.1 Friable (7)

Miguel Savinon TEM NYS 198.4 NOB (37)

Samples reviewed and approved by:

James Hall, Laboratory Manager or Other Approved Signatory

James PAIN

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

## A2Z Environmental IIc.

P.O. Box 188 Pulaski, New York 13142 (315)527-8888



Chain of Custody Form

Location:	n: 32 Furnace Street, Little Falls					9	^	/	
Number:	A2Z12062018b	Page:	1	of	3		1	4	- Constitution of the last

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
)1-la	air cell pipe wrap	basement	f	plm
2-1b	air cell pipe wrap	basement	f	plm
3-2a	pipe compound	basement - elbows	f	plm
4-2b	pipe compound	basement - elbows	f	plm
5-3a	blown in insulation	attic	f	plm
6-3b	blown in insulation	attic	f	plm
7-4a	2' x 4' acoustical ceiling tile	1st floor - bathroom - ceiling	nf	tem
8-4b	2' x 4' acoustical ceiling tile	1st floor - bathroom - ceiling	nf \	tem
9-5a	felt paper	1st floor kitchen - floor - under 9" x 9" VCT	NOB NOB	tem
0-5b	felt paper	2nd floor kitchen - floor - under 9" x 9" VCT	NOB	tem
1-6a	9" x 9" vct	1st floor kitchen - floor	NOB	tem
12-6b	9" x 9" vct	2nd floor kitchen - floor	NOB	tem
13-7a	12" x 12" self stick tile (diamond woodgrain)	1st floor living room - floor	NOB	tem
(4-7b	12" x 12" self stick tile (diamond woodgrain)	1st floor living room - floor	NOB	tem
15-8a	12" x 12" self stick tile	1st floor front entry - floor	NOB	tem
6-8b	12" x 12" self stick tile	1st floor front entry - floor	NOB	tem
17-9a	mastic (tan)	1st floor middle room - wall	NOB	tem :
18-9b	mastic (tan)	1st floor middle room - wall	NOB	tem
19-10a	12" x 12" self stick tile (colored diamond)	1st floor bathroom - floor	NOB	tem
20-10b	12" x 12" self stick tile (colored diamond)	1st floor bathroom - floor	NOB	tem

12" x 12" self stick tile (colored diamond)	1st floor bathroom - floor	NOB	tem
Instructions: 5 day turn are (number and letters indicate multi-copy of results to a2zconstructions First number is sample number	samples) (examples: 1-1a,2-1b, ofcnyllc@verizon.net.	3-1c). Could you pleas	se email
Collected By: KYLF 160	BERTS Date: 12-06-2018	0/	-
and the same of th	OBERTS Date: 12-06-	2018	
Received by Lab: KALLO	(1) Date: 18/8/18	1:00	
MS	Page 1 Of 6	121	5-19

## A2Z Environmental llc.

P.O. Box 188 Pulaski, New York 13142 (315)527-8888



Chain of Custody Form

Location:	32	Furnace	Street,	Little	Falls

Number: A2Z12062018b Page: 2 of 3

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
21-11a	linoleum (stone patterned)	2nd floor kitchen - floor	NOB	tem
22-11b	linoleum (stone patterned)	2nd floor kitchen - floor	NOB	tem
23-12a	felt paper	2nd floor kitchen - under hardwood	NOB	tem
24-12b	felt paper	2nd floor kitchen - under hardwood	NOB	tem
25-13a	linoleum (multi colored)	1st floor bedroom - floor	NOB N	tem
26-13b	linoleum (multi colored)	1st floor bedroom - floor	NOB A	tem
27-14a	linoleum (red)	1st floor landing -floor	NOB	tem
28-14b	linoleum (red)	2nd floor landing -floor	NOB	tem
29-15a	linoleum (green)	stairs from 1st to 2nd floor	NOB	tem
30-15b	linoleum (green)	stairs from 1st to 2nd floor	NOB '	tem
31-16a	linoleum (blue)	2nd floor hallway	NOB	tem
32-16b	linoleum (blue)	2nd floor hallway	NOB	tem
33-17a	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem
34-17b	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem C
35-18a	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem O
36-18b	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem
37-19a	joint compound - skim coat	1st floor front entry - textured	f	plm S
38-19b	joint compound - skim coat	2nd floor middle room - adjacent to bathroom	f	plm
39-20a	joint compound - skim coat	2nd floor living room - lines	f	plm
40-20b	joint compound - skim coat	2nd floor living room - lines	f	plm

Instructions: 5 day turn around. Stop (number and letters indicate multi-samples) copy of results to a2zconstructionofcnyllc@vFirst number is sample number then multi-	(examples: 1-1a,2-1b,3-1c). Could you please email verizon.net.
	n-sample number and letter
Collected By: KYCK ROBERTS	Date: 12-05-2018
Relinquished By: KYK ROBERTS	Date: 12-06-2018
Recieved by Lab: JCATHN G	Date: 12/8/18/19/19/06/ph
Page	2 Of 6 > 12 45 - V8

## A2Z Environmental IIc.

P.O. Box 188 Pulaski, New York 13142 (315)527-8888



Chain of Custody Form

Location:	32 Furnace Street, Little Falls				
Number:	A2Z12062018b	Page:	3	of	3

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
41-21a	popcorn texture skim coat	2nd floor kitchen	f	plm
42-21b	popcom texture skim coat	2nd floor kitchen	f	plm
43-22a	joint compound - skim coat	2nd floor hallway - rough texture	f	plm
44-22b	joint compound - skim coat	2nd floor hallway - rough texture	f	plm
45-23a	joint compound	2nd floor bathroom	f	plm
46-23b	joint compound	2nd floor bathroom	f	plm
47-23c	drywall	2nd floor bathroom	f	plm
48-23d	drywall	2nd floor bathroom	f	plm
49-24a	plaster	1st floor bedroom	f	plm
50-24b	plaster	1st floor middle room	f	plm
51-25a	plaster	2nd floor hallway	f	plm
52-25b	plaster	2nd floor bathroom	f	plm =
53-26a	12" x 12" self stick tile (black/white)	2nd floor bathroom - floor	NOB	tem co
54-26b	12" x 12" self stick tile (black/white)	2nd floor bathroom - floor	NOB V	tem
				5 5

copy of results to a2zconstructionofcnyllc@v	(examp erizon.	iles: 1-1a,2-1b,3-1c). Could you please email net.
First number is sample number then mult Collected By: Jamie Foster		12-05-2016
Relinquished By: Jamie Foster	Date:	
Recieved by Lab: Jalin Gomn	Date:	D18/18 1:06p
Page	3 Of	6 - 12-14-8

## A2Z Environmental lic.

P.O. Box 188 Pulaski, New York 13142 (315)527-8888



### Chain of Custody Form

Location:	32 Furnace Street, Little Falls		California de California d		
Number:	A2Z12062018b	Page:	1	of	3

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
)1-la	air cell pipe wrap	basement	f	plm
02-1b	air cell pipe wrap	basement	f	plm
03-2a	pipe compound	basement - elbows	f	plm
04-26	pipe compound	basement - elbows	f	plm
05-3a	blown in insulation	artic	f	plm
06-3b	blown in insulation	attic	f	plm
07-4a	2' x 4' acoustical ceiling tile	1st floor - bathroom - ceiling	nf	tem
08-4b	2' x 4' acoustical ceiling tile	1st floor - bathroom - ceiling	nf	tem
09-5a	felt paper	1st floor kitchen - floor - under 9" x 9" VCT	NOB	tem
10-5b	felt paper	2nd floor kitchen - floor - under 9" x 9" VCT	NOB	tem
11-6a	9" x 9" vct	1st floor kitchen - floor	NOB	tem
12-6b	9" x 9" vct	2nd floor kitchen - floor	NOB	tem
13-7a	12" x 12" self stick tile (diamond woodgrain)	1st floor living room - floor	NOB	tem
14-7b	12" x 12" self stick tile (diamond woodgrain)	1st floor living room - floor	NOB	tem
15-8a	12" x 12" self stick tile	1st floor front entry - floor	NOB	tem CO
16-8b	12" x 12" self stick tile	1st floor front entry - floor	NOB	tem
17-9a	mastic (tan)	lst floor middle room - wall	NOB	tem
18-9b	mastic (tan)	1st floor middle room - wall	NOB	tem
19-10a	12" x 12" self stick tile (colored diamond)	1st floor bathroom - floor	NOB	tem
20-10b	12" x 12" self stick tile (colored diamond)	1st floor bathroom - floor	NOB	tem

Instructions: 5 day	turn around. Stop at fi	irst positive >1% fo	or any multi san	nples	ALLI
(number and letters indic copy of results to a2zcon	structionofcnyllc@veriz	on.net.		ou please ema	12/15/18
First number is sample Collected By: XY	number then multi-sa	ample number and ate: 12-06-2018	d letter	ari	
Relinquished By: KYU		ate: 12-06-	2018	Ran	(A) (1)
Received by Lab:	- 11 /-	ate: 18/8/4	1:00	1	12131
	Page 4	Of 6			67

## A2Z Environmental IIc.

P.O. Box 188 Pulaski, New York 13142 (315)527-8888



Chain of Custody Form

Location:	32	Furnace	Street,	Little	Falls
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Page: 2 of 3 Number: A2Z12062018b

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
21-11a	linoleum (stone patterned)	2nd floor kitchen - floor	NOB	tem
22-11b	linoleum (stone patterned)	2nd floor kitchen - floor	NOB	tem
23-12a	felt paper	2nd floor kitchen - under hardwood	NOB	tem
24-12b	felt paper	2nd floor kitchen - under hardwood	NOB	tem
25-13a	linoleum (multi colored)	1st floor bedroom - floor	NOB	tem
26-13b	linoleum (multi colored)	1st floor bedroom - floor	NOB	tem
27-14a	linoleum (red)	1st floor landing -floor	NOB	tem
28-14b	linoleum (red)	2nd floor landing -floor	NOB	tem
29-15a	linoleum (green)	stairs from 1st to 2nd floor	NOB	tem
30-15b	linoleum (green)	stairs from 1st to 2nd floor	NOB	tem
31-16a	linoleum (blue)	2nd floor hallway	NOB	tem
32-16b	linoleum (blue)	2nd floor hallway	NOB	tem Care
33-17a	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem 65
34-17b	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem 🕞
35-18a	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem C
36-18b	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem
37-19a	joint compound - skim coat	1st floor front entry - textured	f	plm S
38-19b	joint compound - skim coat	2nd floor middle room - adjacent to bathroom	f	plm
39-20a	joint compound - skim coat	2nd floor living room - lines	f	plm
40-20b	joint compound - skim coat	2nd floor living room - lines	f	plm

copy of results to a2zconstructionofcnyllc@v	(examples: 1-1a,2-1b,3-1c ). Could you please email rerizon.net.
Collected By: KYCK ROBERTS	Date: 12-05-2018 & AAA
Relinquished By: KYY ROBERTS	Date: 12-06-2018
Recieved by Lab: Kartin G	Date: 18/18/18/19/19/06/ph
Dama	F 05 6

OrderID: 031833018 OrderID: 031833018

## A2Z Environmental IIc.

P.O. Box 188 Pulaski, New York 13142 (315)527-8888



Chain of Custody Form

Location:	32 Furnace Street, Little Falls				
Number:	A2Z12062018b	Page:	3_	of	3

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
11-21a	popcorn texture skim coat	2nd floor kitchen	f	plm
12-21b	popcorn texture skim coat	2nd floor kitchen	f	plm
43-22a	joint compound - skim coat	2nd floor hallway - rough texture	f	plm
14-22b	joint compound - skim coat	2nd floor hallway - rough texture	f	plm
45-23a	joint compound	2nd floor bathroom	f	plm
16-23b	joint compound	2nd floor bathroom	f	plm
17-23c	drywall	2nd floor bathroom	<b>f</b>	pfm
18-23d	drywall	2nd floor bathroom	f	plm
19-24a	plaster	1st floor bedroom	f	plm
50-24b	plaster	1st floor middle room	r	plm
51-25a	plaster	2nd floor hallway	f	plm
52-25b	plaster	2nd floor bathroom	f	plm 🚍
53-26a	12" x 12" self stick tile (black/white)	2nd floor bathroom - floor	NOB	tem _
54-26b	12" x 12" self stick tile (black/white)	2nd floor bathroom - floor	NOB	tem
-				

Instructions:	5 day	turn around. Stop at first positive >1% for any multi samples	
/number and	letters inc	ndicate multi-samples) (examples: 1-1a,2-1b,3-1c). Could you please	email
conv of result	te to a2zo	constructionofcnyllc@verizon.net.	
Elect numbe	r ie samr	ple number then multi-sample number and letter	

Collected By: Jamie Foster

Date: 12-05-2016

led By: Jamie Foster

Date:

Page 6 Of 6



P.O. Box 188 Pulaski, New York 13142 (315)527-8888

## Appendix D

**Laboratory License and Certificate** 

#### 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