

A2Z Environmental LLC

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

PERFORMED FOR:

Greater Mohawk Valley Land Bank, Inc.

500 East Main Street - Suite 2A

Little Falls, New York 13365

PROJECT SITE:

Greater Mohawk Valley Land Bank, Inc.

32 Furnace Street

Little Falls, **New York**

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1.0 EXECUTIVE SUMMARY

A2Z Environmental llc. was retained by Greater Mohawk Valley Land Bank, Inc. to perform a limited pre-demolition building survey for asbestos containing materials (ACM). This 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 Kyle Roberts, New York State certified building inspector (certificate Number 92-09664) for A2Z Environmental llc. 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 renovation 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, air-tight 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).

5.0 SUMMARY OF FINDINGS

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 12 - 15 - 2018 & - -

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.

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7.0 ASBESTOS CONTROL BUREAU DISTRICT OFFICES

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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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

STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE

N.Y.S.



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

CERT# 09-13244
DMV# 86988545

MUST BE CARRIED ON ASBESTOS PROJECTS



01213 004629685 10

EYES BRO
HAIR BRO
HGT 5' 10"

IF FOUND RETURN TO:
NYSOL - 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.

Certificate No. **808706**

I - To be completed by Trainee

Name of Trainee (print) KYLE ROBERTS		NYS Depart. of Motor Vehicles ID (DMV ID) ¹ 669 886 545	
Signature of Trainee <i>[Signature]</i>		Telephone Number 315-527-5150	Date of Birth ¹ 01-06-1986
Address 124 WESTMORELAND ST. WHITESBORO, NY 13492			
(Street or PO Box)		(City)	(State) (Zip Code)

II - To be completed by Training Sponsor

Provider's Name Cornerstone Training Institute		Telephone Number 585-319-3625	
Address 460 State Street, 2nd Floor Rochester, NY 14608		Course Location: 460 State Street Rochester, NY 14608	

Course Title: Inspector Initial Refresher DOH Equivalency² NYS DOH use only

Training Language: English Other: _____ **Exam Grade/Date:** 96% 3/28/18

Dates of Training: From: 3/26/18 To: 3/28/18 Expires: 3/28/19

I certify that the asbestos safety training course given on the above date complied with both 10 NYCRR Part 73 and TSCA Title II, was consistent with the curriculum and instructors approved by the New York State Department of Health, and the trainee receiving this certificate completed the training course and successfully passed the examination.

Training Director²: Lynne Hutton (Print) *[Signature]* (Signature) **STUDENT**

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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

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 01-1A 031833018-0001			Description BASEMENT - AIR CELL PIPE WRAP Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Gray	40.00% Cellulose	43.00% Non-fibrous (other)	17.00% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 02-1B 031833018-0002			Description BASEMENT - AIR CELL PIPE WRAP Homogeneity		
PLM NYS 198.1 Friable	12/15/2018				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 03-2A 031833018-0003			Description BASEMENT-ELBOWS - PIPE COMPOUND Homogeneity 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 031833018-0004			Description BASEMENT-ELBOWS - PIPE COMPOUND Homogeneity		
PLM NYS 198.1 Friable	12/15/2018				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 05-3A 031833018-0005			Description ATTIC - BLOWN IN INSULATION Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Gray	80.00% 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

Initial Report From: 12/15/2018 20:43:51



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EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 06-3B 031833018-0006			Description ATTIC - BLOWN IN INSULATION		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown	98.00% 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					Not Analyzed
Sample ID 07-4A 031833018-0007			Description 1ST FLOOR - BATHROOM - CEILING - 2X4 ACOUSTICAL CEILING TILE		
			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 08-4B 031833018-0008			Description 1ST FLOOR - BATHROOM - CEILING - 2X4 ACOUSTICAL CEILING TILE		
			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 031833018-0009			Description 1ST FLOOR KITCHEN - FLOOR - UNDER 9X9 VCT - FELT PAPER		
			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 031833018-0010			Description 1ST FLOOR KITCHEN - FLOOR - UNDER 9X9 VCT - FELT PAPER		
			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 11-6A-Floor Tile 031833018-0011			Description 1ST FLOOR KITCHEN - FLOOR - 9X9 VCT		
			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		100.00% Other	None Detected

Initial Report From: 12/15/2018 20:43:51



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

EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 11-6A-Mastic 031833018-0011A			Description 1ST FLOOR KITCHEN - FLOOR - 9X9 VCT 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 12-6B-Floor Tile 031833018-0012			Description 2ND FLOOR KITCHEN - FLOOR - 9X9 VCT 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	Brown		100.00% Other	None Detected
Sample ID 12-6B-Mastic 031833018-0012A			Description 2ND FLOOR KITCHEN - FLOOR - 9X9 VCT 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 13-7A-Floor Tile 031833018-0013			Description 1ST FLOOR LIVING ROOM - FLOOR - 12X12 SELF STICK TILE (DIAMOND WOODGRAIN) 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	Brown		100.00% Other	None Detected
Sample ID 13-7A-Adhesive 031833018-0013A			Description 1ST FLOOR LIVING ROOM - FLOOR - 12X12 SELF STICK TILE (DIAMOND WOODGRAIN) 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	Brown/ Black		100.00% Other	None Detected
Sample ID 14-7B 031833018-0014			Description 1ST FLOOR LIVING ROOM - FLOOR - 12X12 SELF STICK TILE (DIAMOND WOODGRAIN) 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	Green		100.00% Other	None Detected

Initial Report From: 12/15/2018 20:43:51



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EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 15-8A-Light Green Floor Tile 031833018-0015			Description 1ST FLOOR FRONT ENTRY - FLOOR - 12X12 SELF STICK TILE 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	Green		100.00% Other	None Detected
Sample ID 15-8A-Dark Green Floor Tile 031833018-0015A			Description 1ST FLOOR FRONT ENTRY - FLOOR - 12X12 SELF STICK TILE 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	Green		100.00% Other	None Detected
Sample ID 16-8B 031833018-0016			Description 1ST FLOOR FRONT ENTRY - FLOOR - 12X12 SELF STICK TILE 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	White	None	100.00% Other	<1.00% Chrysotile
Sample ID 17-9A 031833018-0017			Description 1ST FLOOR MIDDLE ROOM - WALL - MASTIC (TAN) 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	Tan		100.00% Other	None Detected
Sample ID 18-9B 031833018-0018			Description 1ST FLOOR MIDDLE ROOM - WALL - MASTIC (TAN) 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	Tan	None	100.00% Other	<1.00% Chrysotile
Sample ID 19-10A-Floor Tile 031833018-0019			Description 1ST FLOOR BATHROOM - FLOOR - 12X12 SELF STICK TILE (COLORED DIAMOND) 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	White		100.00% Other	None Detected

Initial Report From: 12/15/2018 20:43:51



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EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 19-10A-Mastic 031833018-0019A			Description 1ST FLOOR BATHROOM - FLOOR - 12X12 SELF STICK TILE (COLORED DIAMOND)		
			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 20-10B-Floor Tile 031833018-0020			Description 1ST FLOOR BATHROOM - FLOOR - 12X12 SELF STICK TILE (COLORED DIAMOND)		
			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	White		100.00% Other	None Detected
Sample ID 20-10B-Mastic 031833018-0020A			Description 1ST FLOOR BATHROOM - FLOOR - 12X12 SELF STICK TILE (COLORED DIAMOND)		
			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 21-11A 031833018-0021			Description 2ND FLOOR KITCHEN - FLOOR - LINOLEM (STONE PATTERNED)		
			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	None	92.60% Other	7.40% Chrysotile
Sample ID 22-11B 031833018-0022			Description 2ND FLOOR KITCHEN - FLOOR - LINOLEM (STONE PATTERNED)		
			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				Positive Stop (Not Analyzed)
Sample ID 23-12A 031833018-0023			Description 1ND FLOOR KITCHEN - UNDER HARDWOOD - FELT PAPER		
			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

Initial Report From: 12/15/2018 20:43:51



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:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 24-12B 031833018-0024			Description 1ND FLOOR KITCHEN - UNDER HARDWOOD - FELT PAPER 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 25-13A 031833018-0025			Description 1ST FLOOR BEDROOM - FLOOR - LINOLEUM (MULTI COLORED) 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 26-13B 031833018-0026			Description 1ST FLOOR BEDROOM - FLOOR - LINOLEUM (MULTI COLORED) 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 031833018-0027			Description 1ST FLOOR LANDING - FLOOR - LINOLEUM (RED) 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	Red		100.00% Other	None Detected
Sample ID 28-14B 031833018-0028			Description 2ND FLOOR LANDING - FLOOR - LINOLEUM (RED) 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	Red		100.00% Other	None Detected
Sample ID 29-15A 031833018-0029			Description STAIRS FROM 1ST TO 2ND FLOOR - LINOLEUM (GREEN) 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	Green		100.00% Other	None Detected

Initial Report From: 12/15/2018 20:43:51



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EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 30-15B 031833018-0030			Description STAIRS FROM 1ST TO 2ND FLOOR - LINOLEUM (GREEN) 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	Green		100.00% Other	None Detected
Sample ID 31-16A 031833018-0031			Description 2ND FLOOR HALLWAY - LINOLEUM (BLUE) 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	Blue		100.00% Other	None Detected
Sample ID 32-16B 031833018-0032			Description 2ND FLOOR HALLWAY - LINOLEUM (BLUE) 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	Blue		100.00% Other	None Detected
Sample ID 33-17A 031833018-0033			Description 2ND FLOOR KITCHEN - INSULATIN VAPOR BARRIER (PINK) 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	Pink		100.00% Other	None Detected
Sample ID 34-17B 031833018-0034			Description 2ND FLOOR KITCHEN - INSULATIN VAPOR BARRIER (PINK) 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	Pink		100.00% Other	None Detected
Sample ID 35-18A 031833018-0035			Description 2ND FLOOR KITCHEN - INSULATION VAPOR BARRIER (FOIL) 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	Silver		100.00% Other	None Detected

Initial Report From: 12/15/2018 20:43:51



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307 West 38th Street New York, NY 10018

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EMSL Order: 031833018

Customer ID: AZCC25

Customer PO:

Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 36-18B 031833018-0036			Description 2ND FLOOR KITCHEN - INSULATION VAPOR BARRIER (FOIL)		
			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	Silver		100.00% Other	None Detected
Sample ID 37-19A 031833018-0037			Description 1ST FLOOR FRONT ENTRY - TEXTURED - JOINT COMPOUND - SKIM COAT		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	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 38-19B 031833018-0038			Description 2ND FLOOR MIDDLE ROOM - ADJACENT TO BATHROOM - JOINT COMPOUND - SKIM COAT		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White		55.00% Ca Carbonate 2.00% Mica 43.00% 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 39-20A 031833018-0039			Description 2ND FLOOR LIVING ROOM - LINES - JOINT COMPOUND - SKIM COAT		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White	None	100.00% Non-fibrous (other) Vermiculite Present	
Surfacing Material containing vermiculite. NYS requires ELAP method 198.8.					
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 40-20B 031833018-0040			Description 2ND FLOOR LIVING ROOM - LINES - JOINT COMPOUND - SKIM COAT		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White	None	100.00% Non-fibrous (other) Vermiculite Present	
Surfacing Material containing vermiculite. NYS requires ELAP method 198.8.					
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 41-21A 031833018-0041			Description 2ND FLOOR KITCHEN - POPCORN TEXTURE SKIM COAT		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White	10.00% Wollastonite	40.00% 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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EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 42-21B 031833018-0042			Description 2ND FLOOR KITCHEN - POPCORN TEXTURE SKIM COAT Homogeneity Heterogeneous		
PLM NYS 198.1 Friable	12/15/2018	White/ Green	24.00% Cellulose	20.00% Ca Carbonate 5.00% Mica 51.00% 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 43-22B 031833018-0043			Description 2ND FLOOR HALLWAY - ROUGH TEXTURE - JOINT COMPOUND - SKIM COAT Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown/ White	60.00% Cellulose	25.00% Ca Carbonate 15.00% 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 44-22B 031833018-0044			Description 2ND FLOOR HALLWAY - ROUGH TEXTURE - JOINT COMPOUND - SKIM COAT Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White		40.00% Ca Carbonate 40.00% Non-fibrous (other) 20.00% 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 45-23A 031833018-0045			Description 2ND FLOOR BATHROOM - JOINT COMPOUND Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown/ White	66.00% Cellulose	34.00% 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
Sample ID 46-23B 031833018-0046			Description 2ND FLOOR BATHROOM - JOINT COMPOUND Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White		40.00% Ca Carbonate 60.00% 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 47-23C 031833018-0047			Description 2ND FLOOR BATHROOM - DRYWALL Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Gray	12.00% Cellulose 5.00% Glass	55.00% Gypsum 28.00% 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: 12/15/2018 20:43:51



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EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 48-23D 031833018-0048			Description 2ND FLOOR BATHROOM - DRYWALL Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown/ White	13.00% Cellulose	55.00% Gypsum 32.00% 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-Skim Coat 031833018-0049			Description 1ST FLOOR BEDROOM - PLASTER Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White	3.00% 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 031833018-0049A			Description 1ST FLOOR BEDROOM - PLASTER Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown	6.00% 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
Sample ID 50-24B-Skim Coat 031833018-0050			Description 1ST FLOOR MIDDLE ROOM - PLASTER Homogeneity Homogeneous		
PLM NYS 198.1 Friable	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					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 50-24B-Rough Coat 031833018-0050A			Description 1ST FLOOR MIDDLE ROOM - PLASTER Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown/ Gray	7.00% 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
Sample ID 51-25A-Skim Coat 031833018-0051			Description 2ND FLOOR HALLWAY - PLASTER Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	White		40.00% Ca Carbonate 60.00% 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: 12/15/2018 20:43:51



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EMSL Order: 031833018
Customer ID: AZCC25
Customer PO:
Project ID:

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 51-25A-Rough Coat 031833018-0051A			Description 2ND FLOOR HALLWAY - PLASTER Homogeneity Homogeneous		
PLM NYS 198.1 Friable	12/15/2018	Brown	3.00% Cellulose 11.00% Hair	5.00% Ca Carbonate 34.00% Non-fibrous (other) 47.00% 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 52-25B 031833018-0052			Description 2ND FLOOR BATHROOM - PLASTER Homogeneity Heterogeneous		
PLM NYS 198.1 Friable	12/15/2018	Gray/ White	5.00% Cellulose 7.00% Hair	10.00% Ca Carbonate 33.00% Non-fibrous (other) 45.00% Quartz	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
Sample ID 53-26A 031833018-0053			Description 2ND FLOOR BATHROOM - FLOOR - 12X12 SELF STICK TILE (BLACK/WHITE) 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	White/ Black		100.00% Other	None Detected
Sample ID 54-26B 031833018-0054			Description 2ND FLOOR BATHROOM - FLOOR - 12X12 SELF STICK TILE (BLACK/WHITE) 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	White/ Black		100.00% Other	None Detected

Initial Report From: 12/15/2018 20:43:51



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EMSL Order: 031833018
Customer ID: AZCC25
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

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: 12/15/2018 20:43:51

A2Z Environmental llc.

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

031833018

Chain of Custody Form

Location: 32 Furnace Street, Little Falls

Number: AZZ12062018b

Page: 1 of 3

[Handwritten initials]
 P4

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
01-1a	air cell pipe wrap	basement	f	plm
02-1b	air cell pipe wrap	basement	f	plm
03-2a	pipe compound	basement - elbows	f	plm
04-2b	pipe compound	basement - elbows	f	plm
05-3a	blown in insulation	attic	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
16-8b	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

Instructions: 5 day turn around. Stop at first positive >1% for any multi samples (number and letters indicate multi-samples) (examples: 1-1a,2-1b,3-1c). Could you please email copy of results to a2zconstructionofcnyc@verizon.net.

First number is sample number then multi-sample number and letter

Collected By: KYLE ROBERTS Date: 12-06-2018

Relinquished By: KYLE ROBERTS Date: 12-06-2018

Received by Lab: Karla G Date: 12/18/18 1:00

[Handwritten signature]

[Handwritten initials]

1215-X

A2Z Environmental llc.
P.O. Box 188
Pulaski, New York 13142
(315)527-8888

031833018

Chain of Custody Form

Location: 32 Furnace Street, Little FallsNumber: AZZ12062018bPage: 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	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
33-17a	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem
34-17b	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem
35-18a	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem
36-18b	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem
37-19a	joint compound - skim coat	1st floor front entry - textured	f	plm
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 at first positive >1% for any multi samples (number and letters indicate multi-samples) (examples: 1-1a,2-1b,3-1c). Could you please email copy of results to a2zconstructionofcnyllc@verizon.net.

First number is sample number then multi-sample number and letter

Collected By: KYLE ROBERTS Date: 12-05-2018

Relinquished By: KYLE ROBERTS Date: 12-06-2018

Recieved by Lab: KARLIN G Date: 12/8/18 1:06pm

12-15-18

A2Z Environmental llc.
 P.O. Box 188
 Pulaski, New York 13142
 (315)527-8888

031833018

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	popcorn 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
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 indicate multi-samples) (examples: 1-1a,2-1b,3-1c). Could you please email copy of results to a2zconstructionofcnyllc@verizon.net.

First number is sample number then multi-sample number and letter

Collected By: Jamie Foster Date: 12-05-2016

Relinquished By: Jamie Foster Date: _____

Recieved by Lab: [Signature] Date: 12/8/18 1:06p

A2Z Environmental llc.

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

031833018

Chain of Custody Form

Location: 32 Furnace Street, Little Falls

Number: A2Z12062018b

Page: 1 of 3

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
01-1a	air cell pipe wrap	basement	f	plm
02-1b	air cell pipe wrap	basement	f	plm
03-2a	pipe compound	basement - elbows	f	plm
04-2b	pipe compound	basement - elbows	f	plm
05-3a	blown in insulation	attic	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
16-8b	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

Instructions: 5 day turn around. Stop at first positive >1% for any multi samples (number and letters indicate multi-samples) (examples: 1-1a,2-1b,3-1c). Could you please email copy of results to a2zconstructionofcnyc@verizon.net.

First number is sample number then multi-sample number and letter

Collected By: KYLE ROBERTS Date: 12-06-2018

Relinquished By: KYLE ROBERTS Date: 12-06-2018

Received by Lab: Karla G Date: 12/8/18 1:00p

[Handwritten signature]
12/15/18

[Handwritten signature]
12/8/18
6m

A2Z Environmental llc.

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

031833018

Chain of Custody Form

Location: 32 Furnace Street, Little FallsNumber: A2Z12062018bPage: 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	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
33-17a	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem
34-17b	insulation vapor barrier (pink)	2nd floor kitchen	NOB	tem
35-18a	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem
36-18b	insulation vapor barrier (foil)	2nd floor kitchen	NOB	tem
37-19a	joint compound - skim coat	1st floor front entry - textured	f	plm
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 at first positive >1% for any multi samples (number and letters indicate multi-samples) (examples: 1-1a,2-1b,3-1c). Could you please email copy of results to a2zconstructionofcnyc@verizon.net.

First number is sample number then multi-sample number and letter

Collected By: KYLE ROBERTS Date: 12-05-2018

Relinquished By: KYLE ROBERTS Date: 12-06-2018

Recieved by Lab: KARLIN G Date: 12/8/18 1:06pm

A2Z Environmental llc.
 P.O. Box 188
 Pulaski, New York 13142
 (315)527-8888

031833018

Chain of Custody Form

Location: 32 Furnace Street, Little Falls

Number: AZZ12062018b 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	popcorn 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
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 indicate multi-samples) (examples: 1-1a,2-1b,3-1c). Could you please email copy of results to a2zconstructionofcnyllc@verizon.net.
First number is sample number then multi-sample number and letter

Collected By: Jamie Foster Date: 12-05-2016

Relinquished By: Jamie Foster Date: 12/8/18 1:06p

A2Z Environmental LLC

Asbestos License #73261—Asbestos Certification # 92-09664

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

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (516) 485-5570 to verify the laboratory's accreditation status.