

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
500 East Main Street - Suite 2A
Little Falls, New York 13365

PROJECT SITE:

Greater Mohawk Valley Land Bank
46 Division Street
Fort Plains, New York

0 4 1 5 1 9

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1.0 EXECUTIVE SUMMARY

A2Z Environmental llc. was retained by Greater Mohawk Valley Land Bank 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 Jamie Foster (92-09964), 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 04-05-2019. Samples were delivered to EMSL Analytical INC. for polarized light microscopy (PLM) or (TEM) analysis on 04-06-2019. The survey included the collection and analysis of 30 samples.

2.0 INTRODUCTION

The survey was performed at the request of John Mazzarella III in preparation for possible demolition or renovation of the single family house located at 46 Division 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

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0	8
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2	0	1	9
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 &

0	4
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 -

1	2
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 -

2	0	1	9
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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

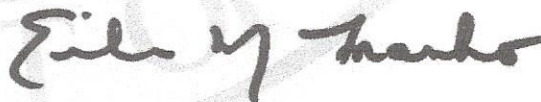
DATE OF ISSUE: 10/10/2018

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

SH 432 (8/12)


STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE



JAMIE D FOSTER
CLASS(EXPIRES)
C ATEC(10/19) D INSP(10/19)
H PM (10/19) I PD (10/19)

CERT# 92-09664
DMV# 611729837

MUST BE CARRIED ON ASBESTOS PROJECTS



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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: 031907563
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: 04/06/2019 11:44 AM
Analysis Date: 04/08/2019 - 04/12/2019
Collected Date: 04/05/2019

Project: A2Z04052019A/ 46 DIVISION STREET, FORT PLAINS

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 01-1A 031907563-0001			Description Homogeneity	2ND FLOOR FRONT LEFT BEDROOM - JOINT COMPOUND AND DRYWALL	
PLM NYS 198.1 Friable	04/12/2019	Brown/ Gray/ White	7.00% Cellulose 3.00% Glass	20.00% Ca Carbonate 50.00% Gypsum 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
Sample ID 02-1B 031907563-0002			Description Homogeneity	2ND FLOOR BACK RIGHT BEDROOM - JOINT COMPOUND AND DRYWALL	
PLM NYS 198.1 Friable	04/12/2019	Brown/ Gray/ White	6.00% Cellulose 3.00% Glass	25.00% Ca Carbonate 50.00% Gypsum 2.00% Mica 14.00% 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 03-1C 031907563-0003			Description Homogeneity	2ND FLOOR FRONT RIGHT BEDROOM - JOINT COMPOUND AND DRYWALL	
PLM NYS 198.1 Friable	04/12/2019	Brown/ Gray/ White	10.00% Cellulose 2.00% Glass	40.00% Ca Carbonate 40.00% Gypsum 8.00% Non-fibrous (other)	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 04-2A 031907563-0004			Description Homogeneity	ATTIC - INSULATION VAPOR BARRIER	
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	04/08/2019	Brown		100.00% Other	None Detected
Sample ID 05-2B 031907563-0005			Description Homogeneity	ATTIC - INSULATION VAPOR BARRIER	
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	04/08/2019	Brown		100.00% Other	None Detected

Initial report from: 04/08/2019 16:07:15



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: 031907563
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 06-3A-Linoleum 031907563-0006			Description 2ND FLOOR BATHROOM FLOOR - LINOLEUM WITH MASTIC		
			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	04/08/2019	Beige		100.00% Other	None Detected
Sample ID 06-3A-Mastic 031907563-0006A			Description 2ND FLOOR BATHROOM FLOOR - LINOLEUM WITH MASTIC		
			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	04/08/2019	Yellow		100.00% Other	None Detected
Sample ID 07-3B-Linoleum 031907563-0007			Description 2ND FLOOR BATHROOM FLOOR - LINOLEUM WITH MASTIC		
			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	04/08/2019	Beige		100.00% Other	None Detected
Sample ID 07-3B-Mastic 031907563-0007A			Description 2ND FLOOR BATHROOM FLOOR - LINOLEUM WITH MASTIC		
			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	04/08/2019	Yellow		100.00% Other	None Detected
Sample ID 08-4A 031907563-0008			Description 1ST FLOOR KITCHEN - JOINT COMPOUND AND DRYWALL		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	04/12/2019	Brown/ Gray/ White	10.00% Cellulose 4.00% Glass	20.00% Ca Carbonate 55.00% Gypsum 11.00% 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 09-4B 031907563-0009			Description 1ST FLOOR SIDE LIVING ROOM - JOINT COMPOUND AND DRYWALL		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	04/12/2019	Brown/ Gray/ White	10.00% Cellulose 2.00% Glass	15.00% Ca Carbonate 55.00% Gypsum 18.00% Non-fibrous (other)	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

Initial report from: 04/08/2019 16:07:15



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

EMSL Order: 031907563
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 10-4C 031907563-0010			Description 1ST FLOOR BATHROOM - JOINT COMPOUND AND DRYWALL		
			Homogeneity Homogeneous		
PLM NYS 198.1 Friable	04/12/2019	Brown/ Gray/ White	10.00% Cellulose 2.00% Glass	35.00% Ca Carbonate 40.00% Gypsum 13.00% Non-fibrous (other)	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 11-5A-Floor Tile 031907563-0011			Description 1ST FLOOR KITCHEN FLOOR - 12" X 12" 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	04/08/2019	Black		100.00% Other	None Detected
Sample ID 11-5A-Mastic 031907563-0011A			Description 1ST FLOOR KITCHEN FLOOR - 12" X 12" 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	04/08/2019	Yellow		100.00% Other	None Detected
Sample ID 12-5B-Floor Tile 031907563-0012			Description 1ST FLOOR KITCHEN FLOOR - 12" X 12" 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	04/08/2019	Black		100.00% Other	None Detected
Sample ID 12-5B-Mastic 031907563-0012A			Description 1ST FLOOR KITCHEN FLOOR - 12" X 12" 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	04/08/2019	Yellow		100.00% Other	None Detected
Sample ID 13-6A 031907563-0013			Description 1ST FLOOR SIDE LIVING ROOM - INSULATION VAPOR BARRIER		
			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	04/08/2019	Brown		100.00% Other	None Detected

Initial report from: 04/08/2019 16:07:15



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

EMSL Order: 031907563
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 14-6B 031907563-0014			Description 1ST FLOOR SIDE LIVING ROOM - INSULATION VAPOR BARRIER		
			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	04/08/2019	Brown		100.00% Other	None Detected
Sample ID 15-7A 031907563-0015			Description BASEMENT RIM BOARD - INSULATION VAPOR BARRIER		
			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	04/08/2019	Brown		100.00% Other	None Detected
Sample ID 16-7B 031907563-0016			Description BASEMENT RIM BOARD - INSULATION VAPOR BARRIER		
			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	04/08/2019	Brown		100.00% Other	None Detected
Sample ID 17-8A 031907563-0017			Description 1ST FLOOR FRONT LIVING ROOM FLOOR - 12" X 12" 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	04/08/2019	Brown		100.00% Other	None Detected
Sample ID 18-8B 031907563-0018			Description 1ST FLOOR FRONT LIVING ROOM FLOOR - 12" X 12" 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	04/08/2019	Brown		100.00% Other	None Detected
Sample ID 19-9A 031907563-0019			Description FRONT PORCH ROOF - ALUMINUM ROOF COAT		
			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	04/08/2019	Black	None	90.30% Other	9.70% Chrysotile

Initial report from: 04/08/2019 16:07:15



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

EMSL Order: 031907563
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 20-9B 031907563-0020			Description FRONT PORCH ROOF - ALUMINUM ROOF COAT		
			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	04/08/2019				Positive Stop (Not Analyzed)
Sample ID 21-10A 031907563-0021			Description MAIN ROOF BOTTOM LAYER - ALUMINUM ROOF COAT AND TAR		
			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	04/08/2019	Black	None	90.80% Other	9.20% Chrysotile
Sample ID 22-10B 031907563-0022			Description MAIN ROOF BOTTOM LAYER - ALUMINUM ROOF COAT AND TAR		
			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	04/08/2019				Positive Stop (Not Analyzed)
Sample ID 23-11A 031907563-0023			Description MAIN ROOF TOP LAYER - ROLLED ROOFING		
			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	04/08/2019	Black		100.00% Other	None Detected
Sample ID 24-11B 031907563-0024			Description MAIN ROOF TOP LAYER - ROLLED ROOFING		
			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	04/08/2019	Black		100.00% Other	None Detected
Sample ID 25-12A 031907563-0025			Description SIDE PORCH ROOF - ASPHALT SHINGLES AND TAR		
			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	04/08/2019	Black	None	97.10% Other	2.90% Chrysotile

Initial report from: 04/08/2019 16:07:15



EMSL Analytical, Inc.

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

EMSL Order: 031907563
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 26-12B 031907563-0026		Description Homogeneity	SIDE PORCH ROOF - ASPHALT SHINGLES AND TAR		
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	04/08/2019				Positive Stop (Not Analyzed)

Initial report from: 04/08/2019 16:07:15



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: 031907563
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: 4/6/2019
Analysis Completed Date: 4/12/2019

Sample Receipt Time: 11:44 AM
Analysis Completed Time: 12:47 AM

Analyst(s):

Ghaly Hemaya PLM NYS 198.1 Friable (2)

Tiquasha Thompson PLM NYS 198.1 Friable (4)

Hongyan Ran TEM NYS 198.4 NOB (21)

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: 04/08/2019 16:07:15

031907563
A2Z Environmental llc.
 P.O. Box 188
 Pulaski, New York 13142
 (315)527-8888

Chain of Custody Form

Location: 46 Division Street, Fort Plains

Number: A2Z04052019a

Page: 1 of 2

Sample #	material sampled	Location	F/NF/NOB	Analysis requested
01-1a	joint compound and drywall	2nd floor - front left bedroom	f <i>OPR</i>	plm sample as one <i>(SH)</i>
02-1b	joint compound and drywall	2nd floor - back right bedroom	f	plm sample as one <i>(F)</i>
03-1c	joint compound and drywall	2nd floor - front right bedroom	f	plm sample as one
04-2a	insulation vapor barrier	attic	nob	tem <i>HR</i>
05-2b	insulation vapor barrier	attic	nob	tem
06-3a	linoleum with mastic	2nd floor - bathroom - floor	nob	tem
07-3b	linoleum with mastic	2nd floor - bathroom - floor	nob	tem
08-4a	joint compound and drywall	1st floor - kitchen	f	plm sample as one
09-4b	joint compound and drywall	1st floor - side living room	f	plm sample as one
10-4c	joint compound and drywall	1st floor - bathroom	f	plm sample as one
11-5a	12" x 12" self stick tile	1st floor - kitchen - floor	nob	tem
12-5b	12" x 12" self stick tile	1st floor - kitchen - floor	nob	tem
13-6a	insulation vapor barrier	1st floor - side living room	nob	tem
14-6b	insulation vapor barrier	1st floor - side living room	nob	tem
15-7a	insulation vapor barrier	basement - rim board	nob	tem
16-7b	insulation vapor barrier	basement - rim board	nob	tem
17-8a	12" x 12" self stick tile	1st floor - front living room - floor	nob	tem
18-8b	12" x 12" self stick tile	1st floor - front living room - floor	nob	tem
19-9a	aluminum roof coat	front porch roof	nob	tem
20-9b	aluminum roof coat	front porch roof	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 a2zconstructionofcnllc@verizon.net.

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

Collected By: Jamie Foster

Date: 04-05-2019

Relinquished By: Jamie Foster

Date: 04-05-2019

Recieved by Lab: *SW*

Date: 4/16/19

Requester
4/12/19
1:00PM

HR 4/18/19

4:25 PM

OPR 4-12-19

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, 2020
Issued April 01, 2019

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

NEW YORK STATE Department of Health

Serial No.: 59684

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 (518) 485-5570 to verify the laboratory's accreditation status.