



architects + engineers

538 Broad Hollow Road, 4th Floor East tel 631.756.8000
Melville, NY 11747 fax 631.694.4122

December 21, 2016

Via email: sohalleran@servpro5933.com

Mr. Sean O'Halleran
Servpro of Medford
3090 NY-112
Medford, New York 11763

Re: Limited Asbestos Inspection Report
99 Cedar Street, Dobbs Ferry, New York
H2M Job No.: SERV1608

Dear Mr. O'Halleran:

In accordance with your request, H2M architects + engineers (H2M) conducted a limited asbestos inspection at the above-referenced property. We provide herein the results of our findings.

Asbestos Sampling

On December 16, 2016, H2M collected limited bulk samples of suspect asbestos containing materials (ACM) that were located at the above mentioned property. The materials sampled included the exterior roof, exterior siding, pipe insulation (fitting and lagging), and wall finishing materials.

Bulk samples were submitted to EMSL Analytical, Inc. (EMSL) of Carle Place, New York. EMSL is certified by the New York State Department of Health (NYSDOH), Environmental Laboratory Approval Program (ELAP), No. 11469. Bulk samples were collected and submitted by New York State Department of Labor (NYS DOL) certified inspector Mr. Kyle Vander Schuyt (NYSDOL Cert. No. 09-12681).

Asbestos Results

According to the Asbestos Hazard Emergency Response Act (AHERA), the Occupational Safety and Health Administration (OSHA) and the NYSDOL (12 NYCRR Part 56); asbestos containing material (ACM) is defined as any material or product which contains greater than one percent (1%) of asbestos.

Please be advised that the following materials were found to contain greater than one percent (1%) of asbestos and therefore is considered to be **positive** for asbestos:

- Exterior, Roof – Transite
Approximate Quantity: 8,000 Square Feet
- Exterior – Siding Transite
Approximate Quantity: 1,500 Square Feet
- Interior, Warehouse – Pipe Insulation (fitting and lagging)
Approximate Quantity: 375 Linear Feet

Please be advised that the following materials were found to contain equal to or less than one percent (1%) of asbestos and therefore is considered to be **negative** for asbestos:

- Interior, Warehouse – Rope Wall Finishing Material
- Interior, Warehouse – Fiberglass Wall Finishing Material



Laboratory analytical data sheets and chain of custody forms are provided in Attachment 1. Copies of H2M's licenses and certifications are provided in Attachment 2. Copies of EMSL's certifications are provided in Attachment 3. Photographic documentation is provided in Attachment 4.

H2M certifies that the information contained herein is based on the physical data and visual inspections conducted by H2M and lab data collected during the inspection survey. All findings stated in this report are based upon facts and circumstances as they existed at the time of inspection and at the time that this report was prepared. A change in any of the site conditions, facts or circumstances upon which this report is based may affect the findings expressed in this report.

If you have any questions, please do not hesitate to contact the undersigned at (631) 756-8000 extension 1609.

Very truly yours,

H2M architects + engineers

A handwritten signature in blue ink, appearing to read 'Veronica Bickmeyer'.

Veronica A. Bickmeyer
Industrial Hygienist

ATTACHMENT 1

LABORATORY ANALYSIS
&
CHAIN OF CUSTODY FORM

**EMSL Analytical, Inc.**

528 Mineola Avenue, Carle Place, NY 11514

Phone/Fax: (516) 997-7251 / (516) 997-7528

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

EMSL Order: 061617073

CustomerID: H2ML50

CustomerPO: SERV1608

ProjectID:

Attn: **Veronica Bickmeyer**
H2M Architects and Engineers
538 Broad Hollow Road
4th Floor East
Melville, NY 11747

Phone: (631) 756-8000
 Fax:
 Received: 12/16/16 12:30 PM
 Analysis Date: 12/19/2016
 Collected: 12/16/2016

Project: 99 Cedar Street, Dobbs Ferry, Int./Ext., Warehouse

Test Report:Asbestos Analysis of Bulk Material

| Test | Analyzed Date | Color | Non Asbestos | | Asbestos |
|---------------------------------------|---------------|--|---|---|-------------------------------------|
| | | | Fibrous | Non-Fibrous | |
| Sample ID 1A 061617073-0001 | | Description Homogeneity | Ext., Roof - Transite Heterogeneous | | |
| PLM NYS 198.1 Friable | 12/19/2016 | Gray/Black | | 39.00% Ca Carbonate 43.60% Non-fibrous (other) | 17.40% Chrysotile |
| PLM NYS 198.6 VCM | | | | | Not Analyzed |
| PLM NYS 198.6 NOB | | | | | Not Analyzed |
| TEM NYS 198.4 NOB | | | | | Not Analyzed |
| Sample ID 1B 061617073-0002 | | Description Homogeneity | Ext., Roof - Transite | | |
| PLM NYS 198.1 Friable | 12/19/2016 | | | | Positive Stop (Not Analyzed) |
| PLM NYS 198.6 VCM | | | | | Not Analyzed |
| PLM NYS 198.6 NOB | | | | | Not Analyzed |
| TEM NYS 198.4 NOB | | | | | Not Analyzed |
| Sample ID 2A 061617073-0003 | | Description Homogeneity | Ext., Siding - Transite Heterogeneous | | |
| PLM NYS 198.1 Friable | 12/19/2016 | Gray/Tan | | 56.00% Ca Carbonate 20.50% Non-fibrous (other) | 23.50% Chrysotile |
| PLM NYS 198.6 VCM | | | | | Not Analyzed |
| PLM NYS 198.6 NOB | | | | | Not Analyzed |
| TEM NYS 198.4 NOB | | | | | Not Analyzed |
| Sample ID 2B 061617073-0004 | | Description Homogeneity | Ext., Siding - Transite | | |
| PLM NYS 198.1 Friable | 12/19/2016 | | | | 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 3A 061617073-0005 | | Description Homogeneity | Int., Warehouse - Pipe Insulation, Fitting Homogeneous | | |
| PLM NYS 198.1 Friable | 12/19/2016 | Gray/White | | 55.60% Non-fibrous (other) | 44.40% Chrysotile |
| PLM NYS 198.6 VCM | | | | | Not Analyzed |
| PLM NYS 198.6 NOB | | | | | Not Analyzed |
| TEM NYS 198.4 NOB | | | | | Not Analyzed |

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

EMSL Order: 061617073

CustomerID: H2ML50

CustomerPO: SERV1608

ProjectID:

Test Report:Asbestos Analysis of Bulk Material

| | | Non Asbestos | | | |
|--------------------------------|----------------------------|---|------------------|----------------------------|-------------------|
| Test | | Color | Fibrous | Non-Fibrous | Asbestos |
| Sample ID 3B 061617073-0006 | Description Homogeneity | Int., Warehouse - Pipe Insulation, Fitting | | | |
| PLM NYS 198.1 Friable | 12/19/2016 | 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 3C 061617073-0007 | Description Homogeneity | Int., Warehouse - Pipe Insulation, Fitting | | | |
| PLM NYS 198.1 Friable | 12/19/2016 | 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 4A 061617073-0008 | Description Homogeneity | Int., Warehouse - Pipe Insulation, Lagging Heterogeneous | | | |
| PLM NYS 198.1 Friable | 12/19/2016 | Gray/White | 13.00% Cellulose | 29.90% Non-fibrous (other) | 57.10% Chrysotile |
| PLM NYS 198.6 VCM | | Not Analyzed | | | |
| PLM NYS 198.6 NOB | | Not Analyzed | | | |
| TEM NYS 198.4 NOB | | Not Analyzed | | | |
| Sample ID 4B 061617073-0009 | Description Homogeneity | Int., Warehouse - Pipe Insulation, Lagging | | | |
| PLM NYS 198.1 Friable | 12/19/2016 | 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 4C 061617073-0010 | Description Homogeneity | Int., Warehouse - Pipe Insulation, Lagging | | | |
| PLM NYS 198.1 Friable | 12/19/2016 | 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 5A 061617073-0011 | Description Homogeneity | Int., Warehouse - Wall Finishing, Rope Heterogeneous | | | |
| PLM NYS 198.1 Friable | 12/19/2016 | Tan/White | 65.00% Cellulose | 35.00% Non-fibrous (other) | None Detected |
| PLM NYS 198.6 VCM | | Not Analyzed | | | |
| PLM NYS 198.6 NOB | | Not Analyzed | | | |
| TEM NYS 198.4 NOB | | Not Analyzed | | | |

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EMSL Order: 061617073

CustomerID: H2ML50

CustomerPO: SERV1608

ProjectID:

Test Report: Asbestos Analysis of Bulk Material

| Test | | Color | Non Asbestos | | Asbestos |
|-----------------------|----------------|--------------|--|---|---------------|
| | | | Fibrous | Non-Fibrous | |
| Sample ID | 5B | Description | Int., Warehouse - Wall Finishing, Rope | | |
| | 061617073-0012 | Homogeneity | Homogeneous | | |
| PLM NYS 198.1 Friable | 12/20/2016 | Tan/White | 70.00% Cellulose | 25.00% Matrix 5.00% 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 | 6A | Description | Int., Warehouse - Wall Finishing, W/Fiberglass | | |
| | 061617073-0013 | Homogeneity | Heterogeneous | | |
| PLM NYS 198.1 Friable | 12/19/2016 | White/Yellow | 2.00% Cellulose 53.00% Glass | 10.00% Ca Carbonate 35.00% Non-fibrous (other) | None Detected |
| PLM NYS 198.6 VCM | | | | | Not Analyzed |
| PLM NYS 198.6 NOB | | | | | Not Analyzed |
| TEM NYS 198.4 NOB | | | | | Not Analyzed |
| Sample ID | 6B | Description | Int., Warehouse - Wall Finishing, W/Fiberglass | | |
| | 061617073-0014 | Homogeneity | Heterogeneous | | |
| PLM NYS 198.1 Friable | 12/20/2016 | Tan/White/Y | 3.00% Cellulose 60.00% Glass | 20.00% Ca Carbonate 17.00% 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 |

Analyst(s)

Steve Jusczyk

Tomas Montes De Oca

Michelle McGowan, 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. Carle Place, NY NYS ELAP 11469

12/15/16 1:20 PM



ATTACHMENT 2

H2M'S PERSONNEL LICENSES AND CERTIFICATIONS

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

H2M Architects, Engineers, Land Surveying and
Landscape Architecture, D.P.C.
4th Floor East
538 Broad Hollow Road
Melville, NY 11747

FILE NUMBER: 00-0724
LICENSE NUMBER: 28582
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 11/09/2016
EXPIRATION DATE: 11/30/2017

Duly Authorized Representative – Debra Mattina:

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 P VANDERSCHUYT
CLASS(EXPIRES)
C ATEC(09/17) D INSP(09/17)
H PM (09/17)

CERT# 12-11293
DMV# 879283550

MUST BE CARRIED ON ASBESTOS PROJECTS



EYES BRO
HAIR BRO
HGT 6' 01"

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



ATTACHMENT 3

EMSL'S CERTIFICATIONS

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2017
Issued April 01, 2016

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. MICHELLE MCGOWAN
EMSL ANALYTICAL, INC.
528 MINEOLA AVE.
CARLE PLACE, NY 11514

NY Lab Id No: 11469

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Metals I

Lead, Total NIOSH 7082

Miscellaneous

Asbestos 40 CFR 763 APX A No. III
YAMATE, AGARWAL GIBB
NIOSH 7402

Fibers NIOSH 7400 A RULES

Serial No.: 54285

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.

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER



Expires 12:01 AM April 01, 2017
Issued April 01, 2016

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. MICHELLE MCGOWAN
EMSL ANALYTICAL, INC.
528 MINEOLA AVE.
CARLE PLACE, NY 11514

NY Lab Id No: 11469

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 3050B

Serial No.: 54283

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.

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101048-10

EMSL Analytical, Inc.

Carle Place, NY

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2016-07-01 through 2017-06-30

Effective Dates



A handwritten signature in blue ink, reading "Dana S. Laman". The signature is fluid and cursive.

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
528 Mineola Ave.
Carle Place, NY 11514
Ms. Michelle McGowan
Phone: 516-997-7251 Fax: 516-997-7528
Email: mmcgowan@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

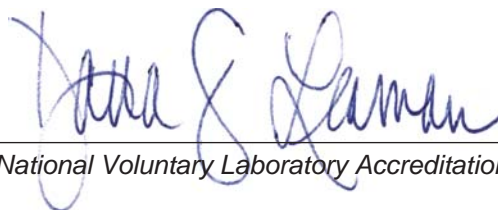
NVLAP LAB CODE 101048-10

Bulk Asbestos Analysis

| <u>Code</u> | <u>Description</u> |
|--------------------|--|
| 18/A01 | EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples |
| 18/A03 | EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials |

Airborne Asbestos Analysis

| <u>Code</u> | <u>Description</u> |
|--------------------|--|
| 18/A02 | U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A. |



For the National Voluntary Laboratory Accreditation Program

ATTACHMENT 4

PHOTOGRAPHIC DOCUMENTATION



99 Cedar Street, Dobbs Ferry, New York



Roof, asbestos containing roof transite.



Interior, asbestos containing pipe fitting and insulation



Interior, asbestos containing pipe insulation.



Interior, asbestos containing pipe insulation.



Interior, non-asbestos containing wall finishing material.



Siding, asbestos containing transite siding