

## **INSPECTION FOR ASBESTOS-CONTAINING MATERIALS (SCOPE ASBESTOS REPORT)**

*Performed at:*

**MANCHESTER MAINTENANCE SECTION  
NYS THRUWAY EXIT 43  
MANCHESTER, NY 14504**

*Performed for:*



**NEW YORK STATE THRUWAY AUTHORITY  
BUFFALO DIVISION  
455 CAYUGA ROAD, SUITE 800  
CHEEKTOWAGA, NEW YORK 14225**

*Associated With The:*

**PROTOTYPE ADDITIONS TO VARIOUS MAINTENANCE SECTION BUILDINGS  
NYSTA CONTRACT D214672**

*Prepared by:*

**CORE ENVIRONMENTAL CONSULTANT, INC.  
22-48 119<sup>TH</sup> STREET  
COLLEGE POINT, NY 11356**

**AUGUST 22, 2019**

**REVISED: 0**



NEW YORK STATE THRUWAY AUTHORITY – BUFFALO DIVISION  
PROTOTYPE ADDITIONS TO VARIOUS MAINTENANCE SECTION BUILDINGS

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## 1.0 BACKGROUND

CORE Environmental Consultants, Inc. (CORE) has conducted an asbestos survey for the presence of asbestos containing materials (ACM) at the following facility:

Facility: Manchester Maintenance Section  
Town: Manchester  
Address: New York State Thruway Exit 43, Manchester, NY 14504  
Contact Person: Tom Fisher  
Phone #: (845) 222-7939

The Investigators and Inspectors responsible for this project were:

Manuel Duran	NYSDOL Inspector # 09-10896	Exp. 07/2020
Ronald Tramosch	NYCDEP Investigator # 132112	Exp. 07/2020
Site Visit(s):	July 17, 2019	
Final Design Submission Report:	August 26, 2019	
Revision:	0	

### Field Procedures and Analysis Methodology:

Guidelines used for the inspection were established by the Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, DOC #560/5-85-024, and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA).

Field information was organized as per the AHERA concept of homogenous area (HA). That is, suspect ACM with similar age, appearance, and texture was grouped together, sampled and assessed for condition.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS).

The New York State Department of Health has recently revised the PLM Stratified Point Counting Method. The new method, "Polarized Light Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples" can be found as item 198.1 in the ELAP Certification manual.



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The State of New York ELAP has determined that analysis of non-friable organically bound materials (NOB's) is not reliably performed by PLM. Therefore, if PLM yields negative results for a non-friable material, it must be confirmed by Transmission Electron Microscopy (TEM).

All samples were initially analyzed by Polarized Light Microscopy. Samples which yielded a negative PLM result and which are classified as a "non-friable" organically bound material were then re-analyzed utilizing Transmission Electron Microscopy (TEM) methodology. As per the April 1, 2011 ELAP directive, Item Numbers 198.6/198.4, ceiling tiles with cellulose must now also be confirmed non-ACM via TEM analysis.

In addition, all Thermal system insulation (TSI), surfacing material, or other presumed ACM (PACM) has been analyzed for vermiculite in accordance with the July 9, 2013 New York State Department of Health guidance document.

Laboratory analysis was performed by Laboratory Testing Services, Inc. (LTS) located at 4509 Greenpoint Avenue, Long Island City, NY 11104. LTS's National Voluntary Laboratory Accreditation Program (NVLAP) accreditation number is 101958-0 and their New York State Environmental Laboratory Approval Program (ELAP) number is 10955.

## **2.0 SCOPE OF WORK**

The areas inspected for asbestos-containing materials (ACM) and which will be impacted by the Prototype additions to various maintenance section buildings project D214672 Phasing plan drawings dated July, 2019 provided to CORE by CPL Team:

1. Men's Locker Room
2. Mechanical Room
3. Exterior
4. Roof

The inspection was characterized by a close visual inspection of all accessible areas. Suspect materials found were sampled and inventoried for quantity, condition and friability.

Materials examined included:

- Suspect miscellaneous materials associated with the scope of work.



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### **3.0 PREVIOUS REPORTS**

**NA / Not Applicable**



## 4.0 SUMMARY OF INSPECTION RESULTS

The asbestos inspection involved a thorough visual examination of all areas and/or sampling of suspect materials.

Laboratory analysis confirmed the presence of asbestos in the amount **greater than 1%** in the samples collected from the following materials **[ACM]**:

1. Caulking at Edge of Roof/Men's Locker Room

Laboratory analysis determined the samples collected from the following materials to contain **less than 1%** asbestos **[Non-ACM]**:

1. Brick Mortar
2. Caulk Around Windows
3. Cement Patch
4. Caulk Around Conduits
5. Gasket
6. 12" X 12" Beige Floor tile Grout and Backing
7. 6" X 6" Wall Tile Glue
8. 6" X 6" Wall Tile Grout
9. Cove Base Mastic
10. Cove Base
11. 2' X 4' Drop Ceiling
12. Ceiling Plaster – Grey
13. Ceiling Plaster – White
14. Gasket
15. Tar on Roof Edge
16. Felt Paper
17. Skeert
18. Felt Paper under Skeert
19. Tar above Concrete

The following materials were **Presumed ACM**:

1. None

The following materials were **Non Suspect**:

1. Metal Windows
2. Metal Vent
3. Wood Stalls
4. Metal Lockers
5. CMU Walls
6. Concrete Ceiling
7. Rubber Wires inside Metal Conduits
8. Concrete Floor



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9. Rubber Wires
10. Metal Exhaust Vent
11. Metal Floor Pit
12. Rubber wires in panels
13. Metal Beams on ceiling
14. Rubber Wires in conduit
15. Rubber Wires in Metal box
16. Metal Vent in Silicone
17. Metal Central Air Unit
18. Metal Pipes
19. Rubber Roof
20. Foam insulation under rubber roof
21. Metal Edge Cap
22. Rubber wires in panel
23. Rubber wires in Junction Boxes



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#### 4.1 SUMMARY OF INSPECTION RESULTS TABLE (SIRT)

New York State Thruway Authority Buffalo Division 455 Cayuga Road, Suite 800, Cheektowaga, New York 14425  Prototype Additions to Various Maintenance Section Buildings Contract D214672 – Manchester Thruway Section								
Proposed Work	HA #	Location	Material	No. of Samples	Results	ACM Quantity LF	ACM Quantity SF	Notes
<u>Prototype Additions to Various Maintenance Section Buildings</u>	A.	Exterior	Brick Mortar	2	Non-ACM	-	-	
	B.		Caulking Around Windows	2	Non -ACM	-	-	.
	C.		Cement Patch	2	Non-ACM	-	-	
	D.		Caulk Around Conduits	2	Non -ACM	-	-	
	E.		<b>Caulk at Edge of Roof</b>	<b>2</b>	<b>ACM</b>	<b>150</b>	-	
	F.		Gasket	2	Non-ACM	-	-	
	G.	Men's Locker Room	12" X 12" Beige Floor Tile Grout and Backing	2	Non-ACM	-	-	





NEW YORK STATE THRUWAY AUTHORITY – BUFFALO DIVISION  
 PROTOTYPE ADDITIONS TO VARIOUS MAINTENANCE SECTION BUILDINGS

<b>New York State Thruway Authority Buffalo Division</b> <b>455 Cayuga Road, Suite 800, Cheektowaga, New York 14425</b> <b>Prototype Additions to Various Maintenance Section Buildings Contract D214672 – Manchester Thruway Section</b>								
Proposed Work	HA #	Location	Material	No. of Samples	Results	ACM Quantity LF	ACM Quantity SF	Notes
<u>Prototype Additions to Various Maintenance Section Buildings</u>	H.	Men's Locker Room	6" X 6" Wall Tile Glue	2	Non-ACM	-	-	
	I.		6" X 6" Wall Tile Grout	2	Non-ACM	-	-	Mistake on Chain of Custody. COC should say Grout. Lab analyzed Grout not glue.
	J.		Cove Base Mastic	2	Non-ACM	-	-	
	K.		Cove Base	2	Non-ACM	-	-	
	L.		2" X 4" Drop Ceiling	2	Non-ACM	-	-	
	M.		Grey Ceiling Plaster	3	Non-ACM	-	-	
	N.		White Ceiling Plaster	3	Non-ACM	-	-	
	O.	Mechanical Room	Gasket	2	Non -ACM	-	-	



NEW YORK STATE THRUWAY AUTHORITY – BUFFALO DIVISION  
PROTOTYPE ADDITIONS TO VARIOUS MAINTENANCE SECTION BUILDINGS

New York State Thruway Authority Buffalo Division 455 Cayuga Road, Suite 800, Cheektowaga, New York 14425  Prototype Additions to Various Maintenance Section Buildings Contract D214672 – Manchester Thruway Section								
Proposed Work	HA #	Location	Material	No. of Samples	Results	ACM Quantity LF	ACM Quantity SF	Notes
<u>Prototype Additions to Various Maintenance Section Buildings</u>	P.	Mechanical Room	Tar on Roof Edge	2	Non-ACM	-	-	
	Q.	Roof	Felt Paper	2	Non- ACM	-	-	
	R.		Skeert	2	Non - ACM	-	-	
	S.		Felt Paper under Skeert	2	Non - ACM	-	-	
	T.		Tar on Edge of Roof	2	Non-ACM	-	-	

NOTE: ACM – Asbestos-Containing Material; PACM – Presumed Asbestos-Containing Material



## 5.0 CONCLUSIONS AND RECOMMENDATIONS

This inspection was conducted solely for the proposed New York State thruway Authority Buffalo Division of the Prototype additions to various maintenance section buildings project at the Manchester Maintenance Section located in Central Valley, New York. If the proposed work should change, additional inspection work may be necessary prior to any commencement of proposed work. In the event that the scope of work changes or any ACM is found that is to be disturbed by the proposed renovation work, the following recommendations are proposed by CORE Environmental Consultants, Inc. to ensure that the removal of the ACM is properly and effectively carried out:

- A. Develop and implement a schedule that outlines the time frame for removal of asbestos-containing materials.
- B. Develop complete and concise specifications to effectively deal with removal of the asbestos-containing material. These specifications should be developed to comply with all applicable federal, state, and local regulations.
- C. Retain the service of an independent testing firm and laboratory to monitor the quality of the air before, during, and after the removal work. Retain all documentation and correspondence from the removal contractor, the testing laboratory, and related items in a permanent record.



## **6.0 ASBESTOS QUANTITY SCHEDULE**

*To be provided during final design stage*

**NA / Not Applicable**



## **7.0 PRELIMINARY ASBESTOS ABATEMENT COST ESTIMATE**

*To be provided during final design stage*

**NA / Not Applicable**



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## 8.0 REPORT CERTIFICATIONS

CORE Environmental Consultants, Inc. (CORE) certifies that the information contained herein is based on the physical and visual inspections conducted by CORE and data collected during the inspection survey.

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**Manuel Duran**  
NYSDOL Asbestos Inspector  
Project Manager

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**Ronald Trampusch**  
NYSDOL Asbestos Investigator  
QA/QC Senior Project Manager





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# **APPENDIX A**

Analytical Results, Chain of Custody Documentation, &  
Certificates of Analysis



CORE Environmental Consultants, Inc  
22-48 119th Street  
College Point, New York 11356



19-08-177

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ACM BULK SAMPLING CHAIN OF CUSTODY / SURVEY FORM

PROJECT NAME : Surveys for Section maintenance facilities - Buffalo Div NYSTA		CORE PROJECT # :		FUNCTIONAL SPACE: Exterior / Men's Locker Room	
PROJECT LOCATION: Manchester Thruway Station		SAMPLE COLLECTED BY : Manuel Duran		Reference Drawing : N/A	
TURN AROUND TIME: ASAP				DATE : 07.17.2019 TIME : 1130	
				TEL NO : (718) 786-4730	
				FAX NO : (718) 786-4764	
EMAIL RESULTS TO: mduran@coreenv.com					

Homogeneous Material	SAMPLE ID #	SAMPLE LOCATION	SAMPLE DESCRIPTION	NOTES	PLM	PLM NOB	TEM NOB
A	07.17.2019- 01	Exterior	Brick Mortar		(-)NAD		
	07.17.2019- 02				↓		
B	07.17.2019- 03		Caulking Around Windows			(-)NAD	(-)NAD
	07.17.2019- 04					↓	↓
C	07.17.2019- 05		Cement Patch		(-)NAD		
	07.17.2019- 06				↓		
D	07.17.2019- 07		Caulk Around Conduits			(-)NAD	(-)NAD
	07.17.2019- 08					↓	↓
E	07.17.2019- 09		Caulk at Edge of Roof			(+)10.29/CH NA	NA
	07.17.2019- 10					NA	NA
F	07.17.2019- 11		Gasket			(-)NAD	(-)NAD
	07.17.2019- 12					↓	↓
G	07.17.2019- 13	Men's Locker Room	12" X 12" Beige Floor Tile Grout and Backing		(-)NAD		
	07.17.2019- 14				↓		
H	07.17.2019- 15		6" X 6" Wall Tile Glue			(-)NAD	(-)NAD
	07.17.2019- 16					↓	↓

RELINQUISHED BY: Manuel Duran 07.17.2019 (Date) (Time)				ACM ( Y = yes; N = No; NS = Non-Suspect; P = Presumed)			
RECEIVED BY: Vincent Nappi 8/19/19 (Date) (Time)							
RELINQUISHED BY: (Signature) [Signature]				RECEIVED BY: (Signature) [Signature]			
Condition ( G = Good; F = Fair; P = Poor )							

Analyzed by: \_\_\_\_\_

ANALYST

(Signature)

ANALYST

(Signature)

(Date)

(Time)

(Date)

(Time)

ELAP # 10955

Lab Batch # \_\_\_\_\_

Analyzed by: A. KORIONOV9



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College Point, New York 11356

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## ACM BULK SAMPLING CHAIN OF CUSTODY / SURVEY FORM

PROJECT NAME : Surveys for Section maintenance facilities - Buffalo Div NYSTA		CORE PROJECT # :		FUNCTIONAL SPACE: Men's Locker Room/Mechanical Room	
PROJECT LOCATION: Manchester Thruway Station		SAMPLE COLLECTED BY : Manuel Duran		DATE : 07.17.2019 TIME : 1130	
TURN AROUND TIME: ASAP				TEL NO : (718) 786-4730	
				FAX NO : (718) 786-4764	
EMAIL RESULTS TO: mduran@coreenv.com					

Homogeneous Material	SAMPLE ID #	SAMPLE LOCATION	SAMPLE DESCRIPTION	NOTES	PLM	PLM NOB	TEM NOB
I	07.17.2019- 17	Men's Locker Room	6" X 6" Wall Tile Glue			(-NAD) (-RAD)	
	07.17.2019- 18					↓	↓
J	07.17.2019- 19		Cove Base Mastic			(-NAD) (-RAD)	
	07.17.2019- 20					↓	↓
K	07.17.2019- 21		Cove Base			(-NAD) (-RAD)	
	07.17.2019- 22					↓	↓
L	07.17.2019- 23		2' X 4' Drop Ceiling			(-NAD) (-NAD)	
	07.17.2019- 24					↓	↓
M	07.17.2019- 25		Grey Ceiling Plaster			(-NAD) NVD	
	07.17.2019- 26					↓	
	07.17.2019- 27						
N	07.17.2019- 28		White Ceiling Plaster			(-NAD) NVD	
	07.17.2019- 29					↓	
	07.17.2019- 30						
O	07.17.2019- 31	Mechanical Room	Gasket			(-NAD) (-NAD)	
	07.17.2019- 32					↓	↓

ACM ( Y = yes; N = No; NS = Non-Suspect; P = Presumed)

RELINQUISHED BY: Manuel Duran (Signature)	07.17.2019 (Date)	RECEIVED BY: Vincent Nappa (Signature)	8/19/19 (Date)
RELINQUISHED BY (Signature)		RECEIVED BY (Signature)	

Condition ( G = Good; F = Fair; P = Poor )

Analyzed by: A. KORIONOV  
Analyzed by: A. KORIONOVANALYST  
(Signature) Ref  
ANALYST  
(Signature)(Date) 8-20-19 (Time)  
(Date) (Time)  
ELAP # 10955  
Lab Batch #

19-08-177



**CORE Environmental Consultants, Inc**  
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College Point, New York 11356

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## ACM BULK SAMPLING CHAIN OF CUSTODY / SURVEY FORM

PROJECT NAME : Surveys for Section maintenance facilities - Buffalo Div NYSTA		CORE PROJECT # :		FUNCTIONAL SPACE: Roof / Mechanical Room	
PROJECT LOCATION: Manchester Thruway Station		SAMPLE COLLECTED BY : Manuel Duran		Reference Drawing : N/A	
TURN AROUND TIME: ASAP				DATE : 07.17.2019 TIME : 1130	
				TEL NO : (718) 786-4730	
				FAX NO : (718) 786-4764	
		EMAIL RESULTS TO: mduran@coreenv.com			

Homogeneous Material	SAMPLE ID #	SAMPLE LOCATION	SAMPLE DESCRIPTION	NOTES	PLM	PLM NOB	TEM NOB
P	07.17.2019- 33	Mechanical Room	Gasket			(-NAD)	(-NAD)
	07.17.2019- 34					↓	↓
Q	07.17.2019- 35	Roof	Felt Paper			(-NAD)	(-NAD)
	07.17.2019- 36					↓	↓
R	07.17.2019- 37		Skeert		(-NAD)		
	07.17.2019- 38				↓		
S	07.17.2019- 39		Felt Paper under Skeert			(-NAD)	(-NAD)
	07.17.2019- 40					↓	↓
T	07.17.2019- 41		Tar on Edge of Roof			(-NAD)	(-NAD)
	07.17.2019- 42					↓	↓

ACM ( Y = yes; N = No; NS = Non-Suspect; P = Presumed)

RELINQUISHED BY: Manuel Duran	07.17.2019		RECEIVED BY:	8/19/19	
RELINQUISHED BY (Signature)	(Date)	(Time)	RECEIVED BY (Signature)	(Date)	(Time)
Analyzed by: A. Koricona			Condition ( G = Good; F = Fair; P = Poor )		
ANALYST (Signature)			ELAP # 10955		
ANALYST (Signature)			Lab Batch #		

**BULK ASBESTOS TEST REPORT**

<b>Client/Address:</b> Core Environmental / 22-48 119th St., College Point, NY 11356		<b>Project:</b> Manchester Thruway Station	<b>Project #:</b>
<b>Laboratory ID:</b> 19-08-177	<b>Date of Report:</b> 08/21/19	<b>Date of Analysis:</b> 08/20/19	

Client ID # Lab ID #	Stereomicroscope Analysis			Sample Description	% Non-Fibrous Material	% Friable Results		% AII	% PLM NOB Results		% TEM NOB Results		% TOTAL Asbestos
07.17.2019-01 19-08-177-01	A	GR	E	Exterior, Brick Mortar, Exterior/Men's Locker Room	100.00	NAD							NAD
	B	1	F										
	C	198.1	G										
	D		H										
07.17.2019-02 19-08-177-02	A	GR	E	Exterior, Brick Mortar, Exterior/Men's Locker Room	100.00	NAD							NAD
	B	1	F										
	C	198.1	G										
	D		H										
07.17.2019-03 19-08-177-03	A	BK	E	Exterior, Caulking Around Windows, Exterior/Men's Locker Room				3.56	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-04 19-08-177-04	A	BK	E	Exterior, Caulking Around Windows, Exterior/Men's Locker Room				4.25	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-05 19-08-177-05	A	GR	E	Exterior, Cement Patch, Exterior/Men's Locker Room	100.00	NAD							NAD
	B	1	F										
	C	198.1	G										
	D		H										
07.17.2019-06 19-08-177-06	A	WH	E	Exterior, Cement Patch, Exterior/Men's Locker Room	100.00	NAD							NAD
	B	1	F										
	C	198.1	G										
	D		H										

**BULK ASBESTOS TEST REPORT**

<b>Client/Address:</b> Core Environmental / 22-48 119th St., College Point, NY 11356		<b>Project:</b> Manchester Thruway Station	<b>Project #:</b>
<b>Laboratory ID:</b> 19-08-177	<b>Date of Report:</b> 08/21/19	<b>Date of Analysis:</b> 08/20/19	

Client ID # Lab ID #	Stereomicroscope Analysis			Sample Description	% Non-Fibrous Material	% Friable Results		% AI	% PLM NOB Results		% TEM NOB Results		% TOTAL Asbestos
07.17.2019-07 19-08-177-07	A	GR	E	Exterior, Caulk Around Conduits/Men's Locker Room				8.37	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-08 19-08-177-08	A	GR	E	Exterior, Caulk Around Conduits/Men's Locker Room				9.65	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-09 19-08-177-09	A	GR	E	Exterior, Caulk At Edge Of Roof/Men's Locker Room				64.30	10.29	CH	NA		10.29
	B	1	F										
	C	198.6	G										
	D		H										
07.17.2019-10 19-08-177-10	A	GR	E	Exterior, Caulk At Edge Of Roof/Men's Locker Room				10.04	NA		NA		SAFP
	B	1	F										
	C		G										
	D		H										
07.17.2019-11 19-08-177-11	A	BK	E	Exterior, Gasket/Men's Locker Room				2.69	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-12 19-08-177-12	A	BK	E	Exterior, Gasket/Men's Locker Room				3.18	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										

**BULK ASBESTOS TEST REPORT**

<b>Client/Address:</b> Core Environmental / 22-48 119th St., College Point, NY 11356		<b>Project:</b> Manchester Thruway Station	<b>Project #:</b>
<b>Laboratory ID:</b> 19-08-177	<b>Date of Report:</b> 08/21/19	<b>Date of Analysis:</b> 08/20/19	

Client ID # Lab ID #	Stereomicroscope Analysis				Sample Description	% Non-Fibrous Material	% Friable Results		% All	% PLM NOB Results		% TEM NOB Results		% TOTAL Asbestos
07.17.2019-13 19-08-177-13	A	GR	E		Men's Locker Room, 12"x12" Beige Floor Tile Grout And Backing, Exterior /Men's Locker Room	100.00	NAD							NAD
	B	1	F											
	C	198.1	G											
	D		H											
07.17.2019-14 19-08-177-14	A	GR	E		Men's Locker Room, 12"x12" Beige Floor Tile Grout And Backing, Exterior /Men's Locker Room	98.00	NAD							NAD
	B	1	F											
	C	198.1	G											
	D	2	H											
07.17.2019-15 19-08-177-15	A	BR	E		Men's Locker Room, 6"x6" Wall Tile Glue, Exterior /Men's Locker Room				40.84	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-16 19-08-177-16	A	BR	E		Men's Locker Room, 6"x6" Wall Tile Glue, Exterior /Men's Locker Room				34.49	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-17 19-08-177-17	A	WH	E		Men's Locker Room, 6"x6" Wall Tile Glue, Men's Locker Room/Mechanical Room				9.52	NAD		NAD		NAD
	B	1	F											
	C	198.6	G											
	D		H											
07.17.2019-18 19-08-177-18	A	WH	E		Men's Locker Room, 6"x6" Wall Tile Glue, Men's Locker Room/Mechanical Room				1.73	NAD		NAD		NAD
	B	1	F											
	C	198.6	G											
	D		H											

**BULK ASBESTOS TEST REPORT**

Client/Address: Core Environmental / 22-48 119th St., College Point, NY 11356							Project: Manchester Thruway Station					Project #:		
Laboratory ID: 19-08-177				Date of Report: 08/21/19			Date of Analysis: 08/20/19							
Client ID # Lab ID #	Stereomicroscope Analysis				Sample Description	% Non-Fibrous Material	% Friable Results		% AII	% PLM NOB Results		% TEM NOB Results		% TOTAL Asbestos
07.17.2019-19 19-08-177-19	A	BR	E		Men's Locker Room, Cove Base Mastic, Men's Locker Room/Mechanical Room				32.71	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-20 19-08-177-20	A	BR	E		Men's Locker Room, Cove Base Mastic, Men's Locker Room/Mechanical Room				31.90	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-21 19-08-177-21	A	BK	E		Men's Locker Room, Cove Base, Men's Locker Room/Mechanical Room				2.17	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-22 19-08-177-22	A	BK	E		Men's Locker Room, Cove Base, Men's Locker Room/Mechanical Room				2.27	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-23 19-08-177-23	A	GR	E		Men's Locker Room, 2'x4' Drop Ceiling, Men's Locker Room/Mechanical Room				51.89	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-24 19-08-177-24	A	GR	E		Men's Locker Room, 2'x4' Drop Ceiling, Men's Locker Room/Mechanical Room				53.99	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											

**BULK ASBESTOS TEST REPORT**

<b>Client/Address:</b> Core Environmental / 22-48 119th St., College Point, NY 11356				<b>Project:</b> Manchester Thruway Station		<b>Project #:</b>
<b>Laboratory ID:</b> 19-08-177		<b>Date of Report:</b> 08/21/19		<b>Date of Analysis:</b> 08/20/19		

Client ID # Lab ID #	Stereomicroscope Analysis			Sample Description	% Non-Fibrous Material	% Friable Results		% AII	% PLM NOB Results		% TEM NOB Results		% TOTAL Asbestos
07.17.2019-25 19-08-177-25	A	GR	E	Men's Locker Room, Grey Ceiling Plaster, Men's Locker Room/Mechanical Room	100.00	NAD							NAD
	B	1	F			NVD							
	C	198.1	G										
	D		H										
07.17.2019-26 19-08-177-26	A	GR	E	Men's Locker Room, Grey Ceiling Plaster, Men's Locker Room/Mechanical Room	100.00	NAD							NAD
	B	1	F			NVD							
	C	198.1	G										
	D		H										
07.17.2019-27 19-08-177-27	A	GR	E	Men's Locker Room, Grey Ceiling Plaster, Men's Locker Room/Mechanical Room	100.00	NAD							NAD
	B	1	F			NVD							
	C	198.1	G										
	D		H										
07.17.2019-28 19-08-177-28	A	WH	E	Men's Locker Room, White Ceiling Plaster, Men's Locker Room/Mechanical Room	100.00	NAD							NAD
	B	1	F			NVD							
	C	198.1	G										
	D		H										
07.17.2019-29 19-08-177-29	A	WH	E	Men's Locker Room, White Ceiling Plaster, Men's Locker Room/Mechanical Room	100.00	NAD							NAD
	B	1	F			NVD							
	C	198.1	G										
	D		H										
07.17.2019-30 19-08-177-30	A	WH	E	Men's Locker Room, White Ceiling Plaster, Men's Locker Room/Mechanical Room	100.00	NAD							NAD
	B	1	F			NVD							
	C	198.1	G										
	D		H										

**BULK ASBESTOS TEST REPORT**

<b>Client/Address:</b> Core Environmental / 22-48 119th St., College Point, NY 11356		<b>Project:</b> Manchester Thruway Station	<b>Project #:</b>
<b>Laboratory ID:</b> 19-08-177	<b>Date of Report:</b> 08/21/19	<b>Date of Analysis:</b> 08/20/19	

Client ID # Lab ID #	Stereomicroscope Analysis			Sample Description	% Non-Fibrous Material	% Friable Results		% AIH	% PLM NOB Results		% TEM NOB Results		% TOTAL Asbestos
07.17.2019-31 19-08-177-31	A	BK	E	Mechanical Room, Gasket, Men's Locker Room/Mechanical Room				5.01	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-32 19-08-177-32	A	BK	E	Mechanical Room, Gasket, Men's Locker Room/Mechanical Room				6.21	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-33 19-08-177-33	A	BK	E	Mechanical Room, Gasket, Roof/Mechanical Room				6.42	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-34 19-08-177-34	A	BK	E	Mechanical Room, Gasket, Roof/Mechanical Room				5.01	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-35 19-08-177-35	A	BK	E	Roof, Felt Paper, Roof/Mechanical Room				8.91	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										
07.17.2019-36 19-08-177-36	A	BK	E	Roof, Felt Paper, Roof/Mechanical Room				10.08	NAD		NAD		NAD
	B	1	F										
	C	198.4/6	G										
	D		H										



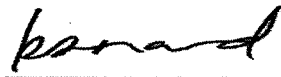
**BULK ASBESTOS TEST REPORT**

<b>Client/Address:</b> Core Environmental / 22-48 119th St., College Point, NY 11356		<b>Project:</b> Manchester Thruway Station	<b>Project #:</b>
<b>Laboratory ID:</b> 19-08-177	<b>Date of Report:</b> 08/21/19	<b>Date of Analysis:</b> 08/20/19	

Client ID # Lab ID #	Stereomicroscope Analysis				Sample Description	% Non-Fibrous Material	% Friable Results		% AII	% PLM NOB Results		% TEM NOB Results		% TOTAL Asbestos
07.17.2019-37 19-08-177-37	A	BR	E		Roof, Skreet, Roof/Mechanical Room	55.00	NAD							NAD
	B	1	F											
	C	198.1	G											
	D	45	H											
07.17.2019-38 19-08-177-38	A	BR	E		Roof, Skreet, Roof/Mechanical Room	55.00	NAD							NAD
	B	1	F											
	C	198.1	G											
	D	45	H											
07.17.2019-39 19-08-177-39	A	BK	E		Roof, Felt Paper Under Skreet, Roof/Mechanical Room				2.50	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-40 19-08-177-40	A	BK	E		Roof, Felt Paper Under Skreet, Roof/Mechanical Room				1.46	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
07.17.2019-41 19-08-177-41	A	BK	E		Roof, Tar On Edge Of Roof, Roof/Mechanical Room				18.51	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											
42 19-08-177-42	A	BK	E		Roof, Tar On Edge Of Roof, Roof/Mechanical Room				18.47	NAD		NAD		NAD
	B	1	F											
	C	198.4/6	G											
	D		H											

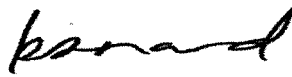
## BULK ASBESTOS TEST REPORT

<b>Client/Address:</b> Core Environmental / 22-48 119th St., College Point, NY 11356		<b>Project:</b> Manchester Thruway Station	<b>Project #:</b>
<b>Laboratory ID:</b> 19-08-177	<b>Date of Report:</b> 08/21/19	<b>Date of Analysis:</b> 08/20/19	



**PLM ANALYST**

K. Esnard



**PLM-NOB ANALYST**

K. Esnard



**TEM-NOB ANALYST**

A. Korionova



**LABORATORY DIRECTOR**

E. Dimitrakas

**LABORATORY ACCREDITATION NUMBERS: NVLAP Lab Code 101958-0, NYSDOH ELAP Lab ID 10955**

- Samples will be stored for sixty (60) days. LTS Inc. should be notified within this time frame for a true duplicate analysis.
- Above results relate only to samples submitted and analyzed. This report must not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. Test reports may not be reproduced except in full and with prior approval of LTS Inc.
- The liability of LTS Inc., with respect to the services charged, shall in no event exceed the amount of the invoice.
- Analytical Methodologies: EPA 600/M4-82-020 (Point Count only) and ELAP Methods 198.1, 198.4, 198.6.
- NAD: No Asbestos Detected, NVD: No Vermiculite Detected, SAFF: Stopped at First Positive, CH: Chrysotile, AMOS: Amosite, TRE: Tremolite, ANTH: Anthophyllite, ACT: Actinolite, and CRO: Crocidolite.
- Stereomicroscopic Analysis: A: Color, B: Layers, C: Methodology, D: Cellulose, E: Fiberglass, F: Hair, G: Vermiculite, H: OTHER
- Color: BK: Black, BR: Brown, Dk BR: Dark Brown, Lt BR: Light Brown, R BR: Reddish Brown, GR: Gray, Dk GR: Dark Gray, Lt GR: Light Gray, BE: Beige, P: Pink, R: Red, T: Tan, WH: White, Off WH: Off White, Y: Yellow, BL: Blue, CR: Cream, GN: Green, O: Orange, Multi.: Multiple Colors



NEW YORK STATE THRUWAY AUTHORITY – BUFFALO DIVISION  
PROTOTYPE ADDITIONS TO VARIOUS MAINTENANCE SECTION BUILDINGS

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# **APPENDIX B**

Company and Personnel Licenses

**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**

Core Environmental Consultants, Inc.

2312 Wehrle Drive

Buffalo, NY 14221

FILE NUMBER: 12-63272

LICENSE NUMBER: 63272

LICENSE CLASS: RESTRICTED

DATE OF ISSUE: 01/16/2019

EXPIRATION DATE: 01/31/2020

Duly Authorized Representative – Teresa S Trampusch:


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







**MANUEL E DURAN**  
CLASS(EXPIRES)  
C ATEC(07/20) D INSP(07/20)  
H PM (07/20)

CERT# 09-10896  
DMV# 758007801

**MUST BE CARRIED ON ASBESTOS PROJECTS**



  
01213 005126151 94

  
EYES BRO  
HAIR BRO  
HGT 5' 10"

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

NYC DEP ASBESTOS CONTROL PROGRAM  
ASBESTOS CERTIFICATE



**TRAMPOSCH,**  
RONALD P  
INVESTIGATOR  
132112

EXPIRES: 7/7/2020  
DOB: 7/7/1960 M 6' 01"



MUST BE CARRIED ON ALL ASBESTOS PROJECTS

REPRODUCTION OF THIS CERTIFICATE IS PROHIBITED



# APPENDIX C

## Laboratory Accreditations



## Department of Health

ANDREW M. CUOMO  
Governor

HOWARD A. ZUCKER, M.D., J.D.  
Commissioner

SALLY DRESLIN, M.S., R.N.  
Executive Deputy Commissioner

LAB ID: 10955

April 01, 2019

MR. EMANUEL DIMITRAKAS  
LABORATORY TESTING SERVICES INC  
45-09 GREENPOINT AVENUE  
LONG ISLAND CITY, NY 11104

Certificate Expiration Date:  
April 01, 2020

Dear Mr. Dimitrakas,

Enclosed are certificate(s) of approval issued to your environmental laboratory for the current permit year. The certificate(s) supersede(s) any previously issued one(s) and is(are) in effect through the expiration date listed. Please carefully examine the certificate(s) to insure that the categories, subcategories, analytes, and methods for which your laboratory is approved are correct. In addition, verify that your laboratory's name, address, lead technical director, and identification number are accurate.

Pursuant to NYCRR Subpart 55-2.2, original certificates must be posted conspicuously in the laboratory and copies shall be made available to any client of the laboratory upon request.

Pursuant to NYCRR Subpart 55-2.6, any misrepresentation of the fields of accreditation (category - method - analyte) for which your laboratory is approved may result in denial, suspension, or revocation of your certification. Any use of the Environmental Laboratory Approval Program (ELAP) or National Environmental Laboratory Accreditation Program (NELAP) name, reference to the laboratory's approval status, and/or using the NELAP logo in any catalogs, advertising, business solicitations, proposals, quotations, laboratory analytical reports, or other materials must include the laboratory's ELAP identification number and distinguish between testing for which the laboratory is approved and testing for which the laboratory is not approved.

If you have any questions, please contact ELAP at the New York State Department of Health (NYS DOH), Wadsworth Center, PO Box 509, Albany NY, 12201-0509; by phone at (518) 485-5570; by facsimile at (518) 485-5568; and by email at [elap@health.ny.gov](mailto:elap@health.ny.gov).

Sincerely,

Victoria Pretti  
Director and QA Officer  
Environmental Laboratory Approval Program



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. EMANUEL DIMITRAKAS  
LABORATORY TESTING SERVICES INC  
45-09 GREENPOINT AVENUE  
LONG ISLAND CITY, NY 11104

NY Lab Id No: 10955

*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	ASTM D3335-85A

**Sample Preparation Methods**

ASTM E-1644-17

**Serial No.: 59501**

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, 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. EMANUEL DIMITRAKAS  
LABORATORY TESTING SERVICES INC  
45-09 GREENPOINT AVENUE  
LONG ISLAND CITY, NY 11104

NY Lab Id No: 10955

*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 APXA No. III

Fibers NIOSH 7400 A RULES

Department  
of Health

**Serial No.: 59502**

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.

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005**

**Laboratory Testing Services Inc.**  
45-09 Greenpoint Avenue  
Long Island City, NY 11104  
Mr. Emanuel Dimitrakas  
Phone: 718-389-3470 Fax: 718-389-3471  
Email: edimitrakas@labtestingservices.com

**ASBESTOS FIBER ANALYSIS**

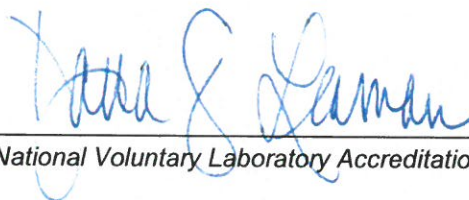
**NVLAP LAB CODE 101958-0**

**Bulk Asbestos Analysis**

<u><b>Code</b></u>	<u><b>Description</b></u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of 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><b>Code</b></u>	<u><b>Description</b></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



United States Department of Commerce  
National Institute of Standards and Technology



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**Certificate of Accreditation to ISO/IEC 17025:2005**

---

**NVLAP LAB CODE: 101958-0**

**Laboratory Testing Services Inc.**  
Long Island City, 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).*

---

2019-07-01 through 2020-06-30

*Effective Dates*



*[Signature]*  
For the National Voluntary Laboratory Accreditation Program

IHPAT Round 217  
 Proficiency Testing Performance for Participant ID: PAT-100287  
 Laboratory Testing Services, Inc.  
 45-09 Greenpoint Ave Ste 204  
 Long Island City, NY 11104-2489

Page 1 of 2  
 Report Issue Date: 05/15/2019

This report contains your organization's IHPAT Proficiency Analytical Testing results for **IHPAT Round 217**. It is the participant's responsibility to thoroughly review the information in this final report and to immediately contact the AIHA Proficiency Analytical Testing Programs, in writing, if any errors are found.

#### **IHPAT Results**

The final report is comprised of two sections relating to IHPAT Round 217. The first section contains your organization's results listed per analyte, per sample. The second section contains your current performance and performance from the two previous rounds, respectively (where applicable). Summary results for all participants for IHPAT Round 217 are located in a separate report.

#### **Testing Results for IHPAT Round 217**

This part of the report contains your organization's results listed per analyte, per sample.

Contaminant	Unit	#	Result	Ref. Value	Lower Limit	Upper Limit	z-Score	Rating
Asbestos (ASB)	f/mm <sup>2</sup>	1	437.37	379	227	568	1	A
	f/mm <sup>2</sup>	2	306.34	289	182	421	0.4	A
	f/mm <sup>2</sup>	3	110.83	139	68	235	-1	A
	f/mm <sup>2</sup>	4	113.38	117	57	198	-0.2	A

#### **Statistical Analysis Interpretation Note:**

Reference value is the mean of the reference group.

Lower limit = reference value - 3 standard deviations; Upper limit = reference value + 3 standard deviations

z-Score = (reported result - reference value)/standard deviation. Note: z-Scores indicate how far a particular score is away from the mean. A - Acceptable\* Analysis; U - Unacceptable Analysis

Fiber data are positively skewed therefore transformations are used to obtain approximately normal distributions. Both the assigned values and acceptance limits are based on consensus of the reference group.

\*The acceptability of reported results is based on upper and lower acceptance limits. A reported result may appear acceptable/unacceptable according to z-Score, but be identified as an outlier based upon the acceptance limits. Any non-participation or non-reporting of PAT data will result in unacceptable results (see PAT Programs Participation Policies, Section 2.1.6.2.).

Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

**Technical Comment:** IHPAT Asbestos Sample 3 is within program tolerance for the reference group relative standard deviation and sample pass rate.

**Overall Performance Summary Concluding with IHPAT Round 217**

The following table contains your organization's current and two previous test rounds performance respectively (where applicable). For more information in regard to the determination of proficiency, please visit: [www.aihapat.org](http://www.aihapat.org).

Analyte Class	Round	Round Score	Round Performance	Proficiency Status - Three Round Score
Asbestos	215	4/4	PASS	PROFICIENT
	216	4/4	PASS	
	217	4/4	PASS	

**Interpretation Notes:**

The denominators represent the total number of samples analyzed. The numerators represent the number of acceptable results.

Pass: Round Score greater than or equal to 75%

Fail: Round Score less than 75%

P - Proficient; NP - Non-proficient; I - Indeterminate (not enough rounds to determine proficiency)

A participant is rated proficient for the applicable IHPAT analyte group if the participant has a passing score for the applicable IHPAT analyte group in two (2) of the last three (3) consecutive PT rounds. A participant is rated non-proficient for the applicable PT analyte group if the participant has failing scores for the associated PT analyte group in two (2) of the last three (3) consecutive PT rounds.

Additional information on the following items are available in the IHPAT Scheme Plan:

Procedures used to statistically analyze the data, establish the assigned value and standard deviation for proficiency assessment, or other criteria for evaluation; details of the metrological traceability and measurement uncertainty of the assigned value; information about design and implementation of PT scheme. The Industrial Hygiene Scheme Plan is available in the PAT Portal. Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

Participants shall not describe their proficiency status in a manner that implies accreditation, certification or variations thereof. PAT results pertain only to the participant organization at the location listed on this results report. AIHA PAT Programs makes every effort to ensure that individual participant results are kept confidential and are not made public. Round results are only released to the participant and those entities requiring this information for accreditation, regulatory and contract purposes. New participants are made aware of the arrangement in advance of participation and consent is sought prior to the release of records for participants. PAT reports may not be reproduced or distributed unless copied in its entirety.

IHPAT samples are generated, verified, packaged, and shipped by RTI International under contract with AIHA Proficiency Analytical Testing Programs. Unless otherwise noted, sample homogeneity and stability criteria were satisfied for all samples.

Authorized by:  
David Clawson  
Technical and Quality Manager  
AIHA PAT Programs  
[dclawson@aiha.org](mailto:dclawson@aiha.org)

**Performance of all Participants for IHPAT Round 217**

The following table contains aggregate results for all participants IHPAT Round 217.

Contaminant	#	Ref. Value	Ref. Std. Dev.**	RSD (%)	Uncertainty of Assigned Value	Total Participants	Total Acceptable	Low*	High*
Asbestos (ASB)	1	379	56.8	15.0	5.44	741	700	37	4
	2	289	39.8	13.8	3.81	741	679	43	19
	3	139	27.9	20.0	2.67	741	582	101	58
	4	117	23.4	20.0	2.24	741	704	22	15
Cadmium (CAD)	1	0.02267	0.00106	4.7	0.00012	134	129	1	4
	2	0.00196	0.0001	5.3	0.00001	134	129	2	3
	3	0.01194	0.00053	4.5	0.00006	134	129	2	3
	4	0.00886	0.00041	4.7	0.00005	134	129	4	1
Lead (LEA)	1	0.0803	0.0032	4.0	0.0004	134	130	3	1
	2	0.0298	0.0014	4.7	0.0002	134	128	1	5
	3	0.0453	0.002	4.4	0.0002	134	130	3	1
	4	0.1104	0.0044	4.0	0.0005	134	129	4	1
Manganese (MNG)	1	0.0957	0.0038	4.0	0.0004	134	131	1	2
	2	0.0755	0.0037	4.8	0.0004	134	130	2	2
	3	0.0612	0.0026	4.2	0.0003	134	132	2	0
	4	0.0256	0.001	4.0	0.0001	134	125	6	3
n-Butyl Acetate (BAC)	1	0.3933	0.0166	4.2	0.0023	89	79	4	6
	2	0.2374	0.0116	4.9	0.0016	89	79	4	6
	3	0.0625	0.0039	6.2	0.0005	89	80	3	6
	4	0.5856	0.0279	4.8	0.0039	89	81	5	3
Ethyl Acetate (EAC)	1	0.1919	0.0109	5.7	0.0015	89	83	2	4
	2	0.4946	0.0246	5.0	0.0034	89	82	5	2
	3	0.0814	0.0061	7.5	0.0009	89	81	3	5
	4	0.1294	0.0085	6.6	0.0012	89	84	2	3
2-Propanol (IPA)	1	0.1184	0.0136	11.5	0.0019	89	87	0	2
	2	0.2817	0.0311	11.0	0.0044	89	86	0	3
	3	0.0748	0.0094	12.6	0.0013	89	85	0	4
	4	0.4288	0.0531	12.4	0.0075	89	85	1	3
Silica (SIL)	1	0.073	0.0146	20.0	0.0021	65	65	0	0
	2	0.1251	0.0231	18.5	0.0033	65	64	1	0
	3	0.0957	0.0185	19.3	0.0026	65	64	1	0
	4	0.0538	0.0108	20.0	0.0015	65	65	0	0

**Note:** \*\*The reference group standard deviation is used but is limited to no less than 4% relative standard deviation or no greater than 20% relative standard deviation.

**\*Low** - number of participant results that are less than the Lower Limit; **\*High** - number of participant results that are greater than the Upper Limit.

**Units:** Asbestos - fiber/mm<sup>2</sup>; Metals - mg; Organic Solvents - mg; Silica - mg

Reference group/participant data sets for individual methods are not separated out during statistical analysis. Methods used by participants produce comparable data based upon the proficiency samples provided. Methods represented by fewer than eight participant data points are not assessed for comparability.

**Technical Comment:** IHPAT Asbestos Sample 3 is within program tolerance for the reference group relative standard deviation and sample pass rate.

Additional technical comments or recommendations, when available, shall be shared with participants via the web and participants shall be notified via email.

Additional information on the following items are available in the IHPAT Scheme Plan:

Procedures used to statistically analyze the data, establish the assigned value and standard deviation for proficiency assessment, or other criteria for evaluation; details of the metrological traceability and measurement uncertainty of the assigned value; information about design and implementation of PT scheme. The Industrial Hygiene Scheme Plan is available in the PAT Portal. Measurement uncertainty of any assigned value is also available on the respective certificate of analysis for the round.

Authorized by:  
David Clawson  
Technical and Quality Manager  
AIHA PAT Programs  
dclawson@aiha.org





# **APPENDIX D**

Previous Reports

**NA / Not Applicable**



January 7, 2024

Mr. Daniel D Duprey, Jr., P.E  
CPL Architects, Engineers, Landscape Architect and Surveyor, D.P.C  
205 St. Paul Street, Suite 500  
Rochester, New York 14604

**Re: Limited Pre-Demolition Asbestos Inspection  
Manchester Maintenance Section Addition and Roof Replacement  
1190 New York State Route 21  
Shortsville, New York 14548**

Dear Mr. Duprey,

On November 5, 2024, Azar Design Co P.C., formerly Foit-Albert Associates, Architecture, Engineering and Surveying, P.C. (Azar Design) performed a Limited Pre-Demolition Asbestos Inspection (Inspection) for suspect asbestos containing materials (ACMs) at the above referenced location (Site). The Inspection was performed in conjunction with proposed demolition activities as presented within the project scope.

#### **ACM Inspection Methodology**

The Inspection, conducted by Kurt Knoell and Eric Dixon of Azar Design Co utilized limited destructive methods to collect representative samples of homogeneous suspect ACMs at the Site, subject to potential disturbance during proposed renovation activities. Mr. Knoell and Mr. Dixon are EPA-accredited Asbestos Hazardous Emergency Response Act (AHERA), and New York State Department of Labor (NYSDOL) certified asbestos building inspectors (NYSDOL certification #24-6T6Z6-SHAB and certification #24-6IICP-SHAB). The Inspection was conducted in accordance with EPA National Emissions Standards for Hazardous Air Pollutants (NESHAPS), the Occupational Safety and Health Administration's (OSHA) regulation 29 CFR 1926.1101, and NYSDOL Part 56, Title 12 of the Official Compilation of Codes, Rules, and Regulations of the State of New York (Code Rule 56).

The following summarizes the sampling protocol applied:

- A minimum of two (02) samples were collected from each readily visible and accessible suspect homogeneous non-surfacing material in accordance with Code Rule 56.

**Buffalo**  
295 Main Street  
Suite 200  
Buffalo, NY 14203  
716.856.3933

**Albany**  
435 New Karner Road  
Albany, NY 12205  
518.452.1037

**Ithaca**  
123 W. State Street  
Suite 201  
Ithaca, NY 14850  
607.288.2088

**Manhattan**  
215 West 94th Street  
Suite 517  
New York, NY 10025  
212.372.4813

**Queens**  
89-31 161st Street  
Suite 901  
Jamaica, NY 11432  
718.374.3422

**Philadelphia**  
123 S. Broad Street  
15th Floor  
Philadelphia, PA 19109  
267.703.6655

- Homogeneous materials were quantified, assessed for condition, and collected following AHERA procedures. Each sample was assigned a unique identification number, logged, and submitted under proper chain-of-custody protocol to Paradigm. Paradigm is certified by the National Institute of Standards and Technology (NIST) and are participants under the National Voluntary Laboratory Accreditation Program (NVLAP), and New York Environmental Laboratory Approval Program (ELAP).
- Samples were analyzed using polarized light microscopy (PLM), in accordance with New York State Department of Health (NYSDOH) ELAP Method 198.6. Per Code Rule 56, all non-organically bound non-friable samples analyzed by PLM reported as “Inconclusive-Trace” or “Inconclusive-No Asbestos Detected” were further analyzed by transmission electron microscopy (TEM), in accordance with NYSDOH ELAP Method 198.4. As per instructions from Azar, the laboratory completed the analysis using “positive stop” methodology. The “positive stop” analysis method processes the first sample and if determined through laboratory analysis to be ACM, the second duplicate sample(s) of the homogenous sample grouping will not be advanced for further analysis.

### **ACM Inspection Results and Conclusions**

Azar Design collected a total of seventy (70) samples from twenty-eight (28) homogeneous materials from the Site (Sample Location Map). Sampled materials included fibrous mat material (non-friable), caulking/sealants (non-friable) and roof membrane with fibrous backing material (non-friable).

The EPA and OSHA define material as asbestos containing if an asbestos content of one percent (>1%) or greater is detected in a representative sample. *As a result of laboratory analysis, it was determined that asbestos concentrations in excess of one percent (>1%) or greater were identified within two (2) of the samples processed.* Asbestos was identified in the following materials:

- Grey Fibrous Caulk: Located underneath the overhang of Roof 7 and the west side of Roof 3 (samples ACM-9 and duplicate ACM-10; positive stop employed).
- Grey Fibrous Caulk: Located underneath the overhang on the east side of Roof 3 (samples ACM-53 and duplicate ACM-54; positive stop employed).

A summary of the material sampled and analyzed for asbestos is provided in Table 1, while Table 2 in the Attachments presents a summary of materials identified as asbestos containing through laboratory analysis.

If demolition or repair activities are planned in areas containing the identified ACMs, these materials must be removed and disposed of in accordance with regulatory standards. Certified professionals must prepare detailed abatement plans that outline containment, removal, and disposal methods,



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as well as safety protocols for workers and occupants. Abatement activities must comply with federal, state, and local regulations, including OSHA Asbestos Standards (29 CFR 1926.1101), EPA NESHAP, and state-specific codes such as New York State's Industrial Code Rule 56 (ICR 56). ACM removal must be conducted by licensed asbestos abatement contractors.

Should the scope of work change, or if additional materials which have not yet been sampled are encountered during demolition or repair activities, materials should be assumed to be asbestos containing until sampling proves otherwise.

Sample locations are illustrated on the attached Tables and Sample Location Map. Laboratory analytical reports, including chains of custody, are also provided in the Attachments

Please contact our office at (716) 856-3933 ext. 343 with any questions or comments.

Sincerely,

**AZAR DESIGN CO**

**Architecture, Landscape Architecture, Engineering and Surveying, P.C.**

(Formerly Foit-Albert Associates, Architecture, Engineering and Surveying, P.C.)



Kurt Knoell

Senior Environmental Scientist

**Attachments:**

Sample Photographic Documentation

Table 1 – Summary of Building Materials Not Containing Asbestos

Table 2 – Summary of Building Materials Containing Asbestos

Sample Location Map

Analytical Reports/Chain-of Custody Documentation

Asbestos Certifications



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CO

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# PHOTOGRAPHIC DOCUMENTATION



Photograph 1 – View of Roof 7 & Roof 3 non-ACM Black Fibrous Mat Material (ACM-1 & ACM-2)



Photograph 2 – View of Roof 7 non-ACM Black Caulking/Sealant on Ladder Bolts (ACM-3 & ACM-4)





Photograph 3 – View of Roof 7 non-ACM White Caulking on Flashing (ACM-5 & ACM-6)



Photograph 4 – View of Roof 7 non-ACM Light Black Caulk Behind Ladder on Flashing (ACM-7 & ACM-8)



Photograph 5 – View of Roof 3 ACM Grey Fibrous Caulk Underneath Overhang (ACM-9 & ACM-10)



Photograph 6 – View of Roof 3 wall non-ACM Grey Penetration Putty Around Pipe (ACM-11 & ACM 12)





Photograph 7 – View of Roof 7 non-ACM Black Sealant Material from Roof Drain Section and Seams (ACM-13, ACM-14, ACM-15 & ACM-16)



Photograph 8 – View of Roof 7 non-ACM Black Fibrous Caulk/Sealant from Roof Edge (ACM-17, ACM-18 & ACM-19)



Photograph 9 – View of Roof 7 non-ACM Roof Drain Black Sealant Material (ACM-20 & ACM-21)



Photograph 10 – View of Roof 7 Roof Drain non-ACM Roof Drain White Sealant material Between Roof Membrane and Underlayment (ACM-22 & ACM-23)





Photograph 11 – View of Roof 7 non-ACM Black Roof Membrane with Fibrous Backing Material (ACM-24 & ACM-25)



Photograph 12 – Roof 7 non-ACM Black Fibrous Backing Material with Tan Foam Material (ACM-26 & ACM-27)



Photograph 13 – View of Roof 7 non-ACM New Black Patching Sealant Material (ACM-28 & ACM-29)



Photograph 14 – View of Roof 3 non-ACM Black Edge Sealant (ACM-30, ACM-31, ACM-32 & ACM-33)



Photograph 15 – View of Roof 3 non-ACM Fan Housing Black Sealant (ACM-34 & ACM-35)



Photograph 16 – View of Roof 3 non-ACM black Seam Sealant Material (ACM-36, ACM-37, ACM-38 & ACM-39)





Photograph 17 – View of Roof 3 non-ACM Roof Drain Black Sealant (ACM-40 & ACM-41)



Photograph 18 – View of Roof 3 non-ACM Roof Drain Grey Sealant Between Roof Membrane and Underlayment (ACM-42 & ACM-43)



Photograph 19 – View of Roof 3 non-ACM Black Patching Sealant Material (ACM-44, ACM-45 & ACM-46)



Photograph 20 – View of Roof 3 non-ACM Black Roof Membrane with Fibrous Black Backing Material (ACM-47, ACM-48 & ACM-49)





Photograph 21 – View of roof non-ACM Black Fibrous Backing with Tan Foam Material (ACM-50, ACM-51 & ACM-52)



Photograph 22 – View of Roof 3 ACM Overhang of Roof 1 Grey Fibrous Caulk (ACM-53 & ACM-54)





Photograph 23 – View of Garage Exterior non-ACM Black Window Glazing (ACM-63, ACM-64 & ACM-65)



Photograph 24 – View of Garage Exterior non-ACM Light Black Window Framing Caulk (ACM-66, ACM-67 & ACM-68)



Photograph 25 – View Garage Exterior non-ACM Black Gasket Material (ACM-69 & ACM-70)



Photograph 26 – View of Garage Exterior non-ACM Light Grey Window Caulking (ACM-71 & ACM-72)





Photograph 27 – View of Garage Exterior non-ACM Brown Window Caulking (ACM-73, ACM-74 & ACM-75)



Photograph 28 – View of Garage Interior non-ACM Black Window Caulking (ACM-76, ACM-77 & ACM-78)

# TABLES

**Table 1**  
**Summary of Building Materials Not Containing Asbestos**  
**Manchester Maintenance Section Addition and Roof Replacement**  
**1190 New York State Route 21**  
**Shortsville, New York**

Sample ID	Percent (%) Asbestos
Roof 7 & Roof 3 - Fibrous Mat Material	
ACM-1	N/A
ACM-2	N/A
Roof 7 - Black Caulking/Sealant on Ladder Bolts	
ACM-3	<1.0%
ACM-4	<1.0%
Roof 7 - White Caulking on Flashing	
ACM-5	<1.0%
ACM-6	<1.0%
Roof 7 - Light Black Caulk Behind Ladder on Flashing	
ACM-7	<1.0%
ACM-8	<1.0%
Roof 3 Wall - Grey Penetration Putty Around Pipe	
ACM-11	<1.0%
ACM-12	<1.0%
Roof 7 - Black Sealant Material from Roof Drain Section and Seams	
ACM-13	<1.0%
ACM-14	<1.0%
ACM-15	<1.0%
ACM-16	<1.0%
Roof 7 - Black Fibrous Caulk/Sealant From Roof Edge	
ACM-17	<1.0%
ACM-18	<1.0%
ACM-19	<1.0%
Roof 7 - Roof Drain Black Sealant Material	
ACM-20	<1.0%
ACM-21	N/A
Roof 7 - Roof Drain White Sealant Material Between Roof Membrane and Underlayment	
ACM-22	Trace <1.0%
ACM-23	<1.0%
Roof 7 - Black Roof Membrane with Fibrous Backing Material	
ACM-24	<1.0%
ACM-25	<1.0%
Roof 7 - Black Fibrous Backing and Tan Foam Material	
ACM-26	None Detected
ACM-27	None Detected
Roof 7 - New Black Patching/Sealant Material	
ACM-28	<1.0%
ACM-29	<1.0%
Roof 3 - Black Edge Sealant	
ACM-30	<1.0%
ACM-31	<1.0%

**Table 1**  
**Summary of Building Materials Not Containing Asbestos**  
**Manchester Maintenance Section Addition and Roof Replacement**  
**1190 New York State Route 21**  
**Shortsville, New York**

Sample ID	Percent (%) Asbestos
ACM-32	<1.0%
ACM-33	<1.0%
Roof 3 - Fan Housing Black Sealant	
ACM-34	N/A
ACM-35	<1.0%
Roof 3 - Black Seaming Sealant Material	
ACM-36	<1.0%
ACM-37	<1.0%
ACM-38	<1.0%
ACM-39	<1.0%
Roof 3 - Roof Drain Black Sealant	
ACM-40	N/A
ACM-41	N/A
Roof 3 - Roof Drain Grey Sealant Material Between Roof Membrane and Underlayment	
ACM-42	<1.0%
ACM-43	<1.0%
Roof 3 - New Black Patching/Sealant Material	
ACM-44	<1.0%
ACM-45	<1.0%
ACM-46	<1.0%
Roof 3 - Black Roof Membrane with Fibrous Black Backing Material	
ACM-47	<1.0%
ACM-48	<1.0%
ACM-49	<1.0%
Roof 3 - Black Fibrous Backing Material with Tan Foam Material	
ACM-50	None Detected
ACM-51	None Detected
ACM-52	None Detected
Garage Exterior - Black Window Glazing	
ACM-63	<1.0%
ACM-64	<1.0%
ACM-65	<1.0%
Garage Exterior - Light Black Window Framing Caulk	
ACM-66	<1.0%
ACM-67	<1.0%
ACM-68	<1.0%
Garage Exterior - Black Window Gasket Material	
ACM-69	<1.0%
ACM-70	<1.0%
Garage Exterior - Light Grey Window Caulking	
ACM-71	<1.0%
ACM-72	<1.0%

**Table 1**  
**Summary of Building Materials Not Containing Asbestos**  
**Manchester Maintenance Section Addition and Roof Replacement**  
**1190 New York State Route 21**  
**Shortsville, New York**

Sample ID	Percent (%) Asbestos
Garage Exterior - Brown Window Caulking	
ACM-73	<1.0%
ACM-74	<1.0%
ACM-75	<1.0%
Garage Interior - Black Window Caulking	
ACM-76	<1.0%
ACM-77	<1.0%
ACM-78	<1.0%

*Notes:*

*NA - Not enough residue remaining after lab processing to analyze.*

**Table 2**  
**Summary of Building Materials Containing Asbestos**  
**Manchester Maintenance Section Addition and Roof Replacement**  
**1190 New York State Route 21**  
**Shortsville, New York**

Sample ID	Percent (%) Asbestos*	Quantity	Condition	Potential for Disturbance
Station				
Roof 3 - Grey Fibrous Caulk Underneath Overhang of Roof 7 and West Side of Roof 3				
ACM-9	1.0%	+/- 4.75 SF	Damaged	Low
ACM-10	Positive Stop			
Roof 3 - Grey Fibrous Caulk Underneath Overhang East Side of Roof 3				
ACM-53	2.2%	+/- 11.5 SF	Damaged	Low
ACM-54	Positive Stop			
Notes:				
*All asbestos detected was identified as Chrysotile unless otherwise noted.				
SF = Square Feet				



# SAMPLE LOCATION MAP

**V-101**

# LABORATORY ANALYTICAL REPORTS



**PLM & TEM BULK ASBESTOS ANALYSIS REPORT**

**via NYSDOH ELAP Method 198.1, 198.4 and 198.6**

**Client:** Azar Design Co/Foit-Albert Associates

**Job No:** 2296-24B

**Location:** Project #19050.05

**Page:** 1 of 15

DOT Manchester Maintenance Building

**Sample Date:** 11/5/2024

**Sample Received Date:** 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-1	20731	Roof 7 & Roof 3	Black Fibrous Mat Material	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
ACM-2	20732	Roof 7 & Roof 3	Black Fibrous Mat Material	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
ACM-3	20733	Roof 7	Black Caulking/ Sealant on Ladder Bolts	Inconclusive No Asbestos Detected	0%	V	None Detected	<1.0%	None Detected	100%
ACM-4	20734	Roof 7	Black Caulking/ Sealant on Ladder Bolts	Inconclusive No Asbestos Detected	0%	V	None Detected	<1.0%	None Detected	100%
ACM-5	20735	Roof 7	White Caulking on Flashing	Inconclusive No Asbestos Detected	0%	V	None Detected	<1.0%	None Detected	100%
ACM-6	20736	Roof 7	White Caulking on Flashing	Inconclusive No Asbestos Detected	0%	V	None Detected	<1.0%	None Detected	100%
ACM-7	20737	Roof 7	Light Black Caulk Behind Ladder on Flashing	Inconclusive No Asbestos Detected	0%	V	None Detected	<1.0%	None Detected	100%
ACM-8	2073B	Roof 7	Light Black Caulk Behind Ladder on Flashing	Inconclusive No Asbestos Detected	0%	V	None Detected	<1.0%	None Detected	100%
ACM-9	20739	Roof 3	Grey Fibrous Caulk Underneath Overhang	Chrysotile 1.0%	1.0%	V	Not Required	N/A	None Detected	99.0%
ACM-10	20740	Roof 3	Grey Fibrous Caulk Underneath Overhang	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A

**KEY TO NOB COLUMN SYMBOLS**

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

V NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

V̂ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

N/A - Not Applicable

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") per EPA 600/M4-B2-020 per 40 CFR 763.

**ELAP ID No.: 11955**

**PLM Date Analyzed:** 11/12-11/13/2024

**TEM Date Analyzed:** 11/12-11/13/2024

**PLM Analyst:** W. Woicak

**TEM Analyst:** A. Maciejewski

**Microscope:** Olympus BH-2 #241709

**Microscope:** Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Andrew Maciejewski

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. New York State Department of Health Environmental Laboratory Program (ELAP) requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This report relates ONLY to the items received by the lab. This report must not be used to claim product endorsement by NYS ELAP or any agency of the U.S. Government. Quality control data (including 95% limits and laboratory or analysts' accuracy and precision) is available upon request.



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

1430-B Millersport Hwy., Williamsville, NY 14221 (Office) 716.775.5777

## PLM & TEM BULK ASBESTOS ANALYSIS REPORT

via NYSDOH ELAP Method 198.1, 198.4 and 198.6

Client: **Azar Design Co/Foit-Albert Associates**

Job No: 2296-24B

Location: Project #19050.05

Page: 2 of 15

DOT Manchester Maintenance Building

Sample Date: 11/5/2024

Sample Received Date: 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-11	20741	Roof 3 Wall	Grey Penetration Putty Around Pipe	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-12	20742	Roof 3 Wall	Grey Penetration Putty Around Pipe	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-13	20743	Roof 7	Black Sealant Material from Roof Drain Section and Seams	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-14	20744	Roof 7	Black Sealant Material from Roof Drain Section and Seams	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-15	20745	Roof 7	Black Sealant Material from Roof Drain Section and Seams	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-16	20746	Roof 7	Black Sealant Material from Roof Drain Section and Seams	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-17	20747	Roof 7	Black Fibrous Caulk/ Sealant from Roof Edge	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-18	20748	Roof 7	Black Fibrous Caulk/ Sealant from Roof Edge	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-19	20749	Roof 7	Black Fibrous Caulk/ Sealant from Roof Edge	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-20	20750	Roof 7	Roof Drain Black Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

### KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

✓ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

N/A - Not Applicable

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-B2-020 per 40 CFR 763.

ELAP ID No.: 11955

PLM Date Analyzed: 11/12-11/13/2024

TEM Date Analyzed: 11/12-11/13/2024

PLM Analyst: W. Woicak

TEM Analyst: A. Maciejewski

Microscope: Olympus BH-2 #241709

Microscope: Hitachi 600 AB

Laboratory Results Approved By:  
Asbestos Technical Director or Designee

Andrew Maciejewski

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2296-24B 11/13/2024





**PLM & TEM BULK ASBESTOS ANALYSIS REPORT**  
**via NYSDOH ELAP Method 198.1, 198.4 and 198.6**

**Client:** Azar Design Co/Foit-Albert Associates

**Job No:** 2296-24B

**Location:** Project #19050.05

**Page:** 3 of 15

DOT Manchester Maintenance Building

**Sample Date:** 11/5/2024

**Sample Received Date:** 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-21	20751	Roof 7	Roof Drain Black Sealant Material	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
ACM-22	20752	Roof 7	Roof Drain White Sealant Material Between Roof Membrane and Underlayment	Inconclusive No Asbestos Detected	0%	✓	Chrysotile <1.0%	<1.0%	None Detected	100.0%
ACM-23	20753	Roof 7	Roof Drain White Sealant Material Between Roof Membrane and Underlayment	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-24	20754	Roof 7	Black Roof Membrane with Fibrous Backing Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-25	20755	Roof 7	Black Roof Membrane with Fibrous Backing Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-26	20756 A	Roof 7	Black Fibrous Backing Material	None Detected	0%		Not Required	N/A	Fiberglass B0%; Cellulose 10%	10%
ACM-26	20756 B	Roof 7	Tan Foam Material	None Detected	0%		Not Required	N/A	None Detected	100%
ACM-27	20757 A	Roof 7	Black Fibrous Backing Material	None Detected	0%		Not Required	N/A	Fiberglass B0%; Cellulose 10%	10%
ACM-27	20757 B	Roof 7	Tan Foam Material	None Detected	0%		Not Required	N/A	None Detected	100%
ACM-28	2075B	Roof 7	New Black Patching Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

**KEY TO NOB COLUMN SYMBOLS**

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

✓ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

N/A - Not Applicable

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-B2-020 per 40 CFR 763.

**ELAP ID No.: 11955**

**PLM Date Analyzed:** 11/12-11/13/2024

**TEM Date Analyzed:** 11/12-11/13/2024

**PLM Analyst:** W. Woicak

**TEM Analyst:** A. Maciejewski

**Microscope:** Olympus BH-2 #241709

**Microscope:** Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Andrew Maciejewski

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# PARADIGM

ENVIRONMENTAL SERVICES, INC.

1430-B Millersport Hwy., Williamsville, NY 14221 (Office) 716.775.5777

## **PLM & TEM BULK ASBESTOS ANALYSIS REPORT** **via NYSDOH ELAP Method 198.1, 198.4 and 198.6**

**Client:** Azar Design Co/Foit-Albert Associates  
**Location:** Project #19050.05  
DOT Manchester Maintenance Building

**Job No:** 2296-24B  
**Page:** 4 of 15

**Sample Date:** 11/5/2024

**Sample Received Date:** 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-29	20759	Roof 7	New Black Patching Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-30	20760	Roof 3	Black Edge Sealant	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-31	20761	Roof 3	Black Edge Sealant	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-32	20762	Roof 3	Black Edge Sealant	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-33	20763	Roof 3	Black Edge Sealant	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-34	20764	Roof 3	Fan Housing Black Sealant	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	X	N/A	N/A	N/A	N/A
ACM-35	20765	Roof 3	Fan Housing Black Sealant	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-36	20766	Roof 3	Black Seaming Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-37	20767	Roof 3	Black Seaming Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-38	20768	Roof 3	Black Seaming Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

### KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

⌈ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

N/A - Not Applicable

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 19B.1, 19B.4 and 19B.6 ("Polarized Light Microscopy and Transmission Electron Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763.

**ELAP ID No.: 11955**

**PLM Date Analyzed:** 11/12-11/13/2024  
**PLM Analyst:** W. Woicak  
**Microscope:** Olympus BH-2 #241709

**TEM Date Analyzed:** 11/12-11/13/2024  
**TEM Analyst:** A. Maciejewski  
**Microscope:** Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Andrew Maciejewski

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2296-24B 11/13/2024



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

[430-B Millersport Hwy., Williamsville, NY 14221 (Office) 716.775.5777

## PLM & TEM BULK ASBESTOS ANALYSIS REPORT

### via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Azar Design Co/Foit-Albert Associates  
**Location:** Project #19050.05  
 DOT Manchester Maintenance Building

**Job No:** 2296-24B  
**Page:** 5 of 15

**Sample Date:** 11/5/2024

**Sample Received Date:** 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-39	20769	Roof 3	Black Seaming Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-40	20770	Roof 3	Roof Drain Black Sealant	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✗	N/A	N/A	N/A	N/A
ACM-41	20771	Roof 3	Roof Drain Black Sealant	<1.0% Residue Remaining. PLM and TEM Not Required.	N/A	✗	N/A	N/A	N/A	N/A
ACM-42	20772	Roof 3	Roof Drain Grey Sealant Between Roof Membrane and Underlayment	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-43	20773	Roof 3	Roof Drain Grey Sealant Between Roof Membrane and Underlayment	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-44	20774	Roof 3	New Black Patching Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-45	20775	Roof 3	New Black Patching Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-46	20776	Roof 3	New Black Patching Sealant Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-47	20777	Roof 3	Black Roof Membrane with Fibrous Black Backing Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-48	20778	Roof 3	Black Roof Membrane with Fibrous Black Backing Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

#### KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

✗ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

N/A - Not Applicable

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763.

**ELAP ID No.: 11955**

**PLM Date Analyzed:** 11/12-11/13/2024

**TEM Date Analyzed:** 11/12-11/13/2024

**PLM Analyst:** W. Woicak

**TEM Analyst:** A. Maciejewski

**Microscope:** Olympus BH-2 #241709

**Microscope:** Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

*Andrew Maciejewski*  
 Andrew Maciejewski

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2296-24B 11/13/2024





# PARADIGM

ENVIRONMENTAL SERVICES, INC.

1430-B Millersport Hwy., Williamsville, NY 14221 (Office) 716.775.5777

## **PLM & TEM BULK ASBESTOS ANALYSIS REPORT** **via NYSDOH ELAP Method 198.1, 198.4 and 198.6**

**Client:** Azar Design Co/Foit-Albert Associates  
**Location:** Project #19050.05  
DOT Manchester Maintenance Building

**Job No:** 2296-24B  
**Page:** 6 of 15

**Sample Date:** 11/5/2024

**Sample Received Date:** 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-49	20779	Roof 3	Black Roof Membrane with Fibrous Black Backing Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-50	207B0 A	Roof 3	Black Fibrous Backing Material	None Detected	0%		Not Required	N/A	Fiberglass 80%; Cellulose 10%	10%
ACM-50	207B0 B	Roof 3	Tan Foam Material	None Detected	0%		Not Required	N/A	None Detected	100%
ACM-51	207B1 A	Roof 3	Black Fibrous Backing Material	None Detected	0%		Not Required	N/A	Fiberglass 80%; Cellulose 10%	10%
ACM-51	207B1 B	Roof 3	Tan Foam Material	None Detected	0%		Not Required	N/A	None Detected	100%
ACM-52	207B2 A	Roof 3	Black Fibrous Backing Material	None Detected	0%		Not Required	N/A	Fiberglass 80%; Cellulose 10%	10%
ACM-52	207B2 B	Roof 3	Tan Foam Material	None Detected	0%		Not Required	N/A	None Detected	100%
ACM-53	207B3	Roof 3	Overhang of Roof 1 Grey Fibrous Caulk	Chrysotile 2.2%	2.2%	✓	Not Required	N/A	None Detected	97.8%
ACM-54	207B4	Roof 3	Overhang of Roof 1 Grey Fibrous Caulk	STOP	POSITIVE	X	SAMPLE	NOT	ANALYZED	N/A
ACM-63	207B5	Garage Exterior	Black Window Glazing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

### KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

⚡ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

N/A - Not Applicable

Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") per EPA 600/M4-B2-020 per 40 CFR 763.

**ELAP ID No.: 11955**

**PLM Date Analyzed:** 11/12-11/13/2024

**TEM Date Analyzed:** 11/12-11/13/2024

**PLM Analyst:** W. Woicak

**TEM Analyst:** A. Maciejewski

**Microscope:** Olympus BH-2 #241709

**Microscope:** Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Andrew Maciejewski

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2296-24B 11/13/2024



**PLM & TEM BULK ASBESTOS ANALYSIS REPORT**

**via NYSDOH ELAP Method 198.1, 198.4 and 198.6**

**Client:** Azar Design Co/Foit-Albert Associates

**Job No:** 2296-24B

**Location:** Project #19050.05

**Page:** 7 of 15

DOT Manchester Maintenance Building

**Sample Date:** 11/5/2024

**Sample Received Date:** 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-64	20786	Garage Exterior	Black Window Glazing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-65	20787	Garage Exterior	Black Window Glazing	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-66	20788	Garage Exterior	Light Black Window Framing Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-67	20789	Garage Exterior	Light Black Window Framing Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-68	20790	Garage Exterior	Light Black Window Framing Caulk	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-69	20791	Garage Exterior	Black Window Gasket Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-70	20792	Garage Exterior	Black Window Gasket Material	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-71	20793	Garage Exterior	Light Grey Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-72	20794	Garage Exterior	Light Grey Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-73	20795	Garage Exterior	Brown Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

**KEY TO NOB COLUMN SYMBOLS**

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✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

✓ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

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N/A - Not Applicable

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PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763.

**ELAP ID No.: 11955**

**PLM Date Analyzed:** 11/12-11/13/2024

**TEM Date Analyzed:** 11/12-11/13/2024

**PLM Analyst:**

W. Woicak

**TEM Analyst:** A. Maciejewski

**Microscope:**

Olympus BH-2 #241709

**Microscope:** Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Andrew Maciejewski

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# PARADIGM

ENVIRONMENTAL SERVICES, INC.

1430-B Millersport Hwy., Williamsville, NY 14221 (Office) 716.775.5777

## PLM & TEM BULK ASBESTOS ANALYSIS REPORT

via NYSDOH ELAP Method 198.1, 198.4 and 198.6

**Client:** Azar Design Co/Foit-Albert Associates

**Job No:** 2296-24B

**Location:** Project #19050.05

**Page:** 8 of 15

DOT Manchester Maintenance Building

**Sample Date:** 11/5/2024

**Sample Received Date:** 11/8/2024

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	NOB	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	Non- Fibrous Matrix Material %
ACM-74	20796	Garage Exterior	Brown Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-75	20797	Garage Exterior	Brown Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-76	20798	Garage Interior	Black Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-77	20799	Garage Interior	Black Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
ACM-78	20800	Garage Interior	Black Window Caulking	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%

### KEY TO NOB COLUMN SYMBOLS

No Symbol in the NOB column denotes sample analyzed by ELAP Method 198.1 (PLM).

✓ NOB (non-friable organically bound) denotes material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

√ denotes material analyzed by ELAP Method 198.6 (PLM) per NYSDOH. This Method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.

# denotes friable material analyzed by ELAP Method 198.6 (PLM) and 198.4 (TEM) as noted.

X denotes sample prepped only by ELAP Method 198.6.

\*\* Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

N/A - Not Applicable

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PLM Bulk Asbestos Analysis by New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.") or EPA 600/M4-82-020 per 40 CFR 763.

**ELAP ID No.: 11955**

**PLM Date Analyzed:** 11/12-11/13/2024

**TEM Date Analyzed:** 11/12-11/13/2024

**PLM Analyst:** W. Woicak

**TEM Analyst:** A. Maciejewski

**Microscope:** Olympus BH-2 #241709

**Microscope:** Hitachi 600 AB

**Laboratory Results Approved By:**  
**Asbestos Technical Director or Designee**

Andrew Maciejewski

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2296-24B 11/13/2024



CHAIN OF CUSTODY FOR BULK ASBESTOS ANALYSIS

☐ 179 Lake Avenue, Rochester, New York 14608  
☒ 1430 Millersport Hwy, Buffalo, NY 14221

Office: 585-647-2530  
Office: 716-775-5777

<b>Client Mailing Address:</b> 295 Main St #200 Buffalo, New York 14203	<b>Client:</b> Azar Design Co/Foit-Albert Associates <b>Phone Number:</b> 716-867-3888 <b>Results To:</b> Kurt Knoell <b>Date Sampled:</b> 11/5/2024 <b>Project Location:</b> Project # 19050.05 DOT Manchester Maintenance Building	<b>Contact:</b> Kurt Knoell <b>Email Address for Data:</b> <b>Turn Around Time:</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> Other <input type="checkbox"/> <b>Material Type/Quantity:</b> Friable <input type="checkbox"/> X NOB <input type="checkbox"/> X TEM <input checked="" type="checkbox"/> X
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<b>OFFICE USE ONLY</b>	
<b>Job #:</b> 2296-243	
<b>Page</b> 1 <b>of</b> 7	
<b>Date Logged In:</b> 11/8	
<b>Logged In By:</b> ~~~	

Client ID	Lab ID	Sampling Location	Type of Material	Color
1	ACM-1	20731	Roof 7 & Roof 3 Black Fibrous Mat Material	
2	ACM-2	32	Roof 7 & Roof 3 Black Fibrous Mat Material	
3	ACM-3	33	Roof 7 Black Caulking/Sealant on Ladder Bolts	
4	ACM-4	34	Roof 7 Black Caulking/Sealant on Ladder Bolts	
5	ACM-5	35	Roof 7 White Caulking on Flashing	
6	ACM-6	36	Roof 7 White Caulking on Flashing	
7	ACM-7	37	Roof 7 Light Black Caulk Behind Ladder on Flashing	
8	ACM-8	38	Roof 7 Light Black Caulk Behind Ladder on Flashing	
9	ACM-9	39	Roof 3 Grey Fibrous Caulk underneath Overhang	
10	ACM-10	40	Roof 3 Grey Fibrous Caulk underneath Overhang	

<b>Sampled By:</b> Kurt Knoell	<b>Date:</b> 11/5/2024
<b>Transported to Paradigm By:</b> Kurt Knoell	<b>Date:</b> 11/7/2024
<b>Received By:</b> <i>W. J. White</i>	<b>Date:</b> 11/8/24 0700

All samples will be analyzed by the appropriate New York State Department of Health methods (198.1, 198.4 and 198.6) unless EPA 600/M4/82/020 per 40 CFR 763 and/or EPA 600/R-93/116 methods are requested.	
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS <input checked="" type="checkbox"/> X	
or provide TEM contact name:	
TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF CUSTODY: <input type="checkbox"/>	

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\*PLEASE EMPLOY POSITIVE STOP

# CHAIN OF CUSTODY FOR BULK ASBESTOS ANALYSIS



☐ 179 Lake Avenue, Rochester, New York 14608  
☒ 1430 Millersport Hwy, Buffalo, NY 14221

Office: 585-647-2530  
 Office: 716-775-5777

<b>Client:</b> Azar Design Co/Foit-Albert Associates		<b>Contact:</b> Kurt Knoell	<b>OFFICE USE ONLY</b>  Job #: 2296-248 Page 2 of 7 Date Logged In: 11/8 Logged In By: ~
<b>Phone Number:</b> 716-867-3888		<b>Email Address for Data:</b>	
<b>Results To:</b>	Kurt Knoell	<b>Turn Around Time:</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
<b>Date Sampled:</b>	11/5/2024	<b>Material Type/Quantity:</b> Friable <input checked="" type="checkbox"/> NOB <input checked="" type="checkbox"/> TEM <input checked="" type="checkbox"/>	
<b>Project Location:</b> Project # 19050.05 DOT Manchester Maintenance Building			

Client ID	Lab ID	Sampling Location	Type of Material	Color
1	ACM-11	20741	Roof 3 Wall Grey Penetration Putty around Pipe	
2	ACM-12	42	Roof 3 Wall Grey Penetration Putty around Pipe	
3	ACM-13	43	Roof 7 Black Sealant Material from Roof Drain Section and Seams	
4	ACM-14	44	Roof 7 Black Sealant Material from Roof Drain Section and Seams	
5	ACM-15	45	Roof 7 Black Sealant Material from Roof Drain Section and Seams	
6	ACM-16	46	Roof 7 Black Sealant Material from Roof Drain Section and Seams	
7	ACM-17	47	Roof 7 Black Fibrous Caulk/Sealant from Roof Edge	
8	ACM-18	48	Roof 7 Black Fibrous Caulk/Sealant from Roof Edge	
9	ACM-19	49	Roof 7 Black Fibrous Caulk/Sealant from Roof Edge	
10	ACM-20	50	Roof 7 Roof Drain Black Sealant Material	

<b>Sampled By:</b> Kurt Knoell	<b>Date:</b> 11/5/2024	All samples will be analyzed by the appropriate New York State Department of Health methods (198.1,198.4 and 198.6) unless EPA 600/M4/82/020 per 40 CFR 763 and/or EPA 600/R-93/116 methods are requested.  <b>CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS</b> <input checked="" type="checkbox"/> or provide TEM contact name: <b>TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF CUSTODY:</b>
<b>Transported to Paradigm By:</b> Kurt Knoell	<b>Date:</b> 11/7/2024	
<b>Received By:</b> <i>Kurt Knoell</i>	<b>Date:</b> 11/8/24 0700	

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CHAIN OF CUSTODY FOR BULK ASBESTOS ANALYSIS

179 Lake Avenue, Rochester, New York 14608  
1430 Millersport Hwy, Buffalo, NY 14221

Office: 585-647-2530  
Office: 716-775-5777

Client: Azar Design Co/Foit-Albert Associates		Contact: Kurt Knoell
Phone Number: 716-867-3888		Email Address for Data:
Results To	Kurt Knoell	Turn Around Time: 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Date Sampled	11/5/2024	Material Type/Quantity: Friable <input checked="" type="checkbox"/> X NOB <input checked="" type="checkbox"/> X TEM <input checked="" type="checkbox"/> X
Project Location: Project # 19050.05 DOT Manchester Maintenance Building		

OFFICE USE ONLY	
Job #:	2296-248
Page	3 of 7
Date Logged In:	11/8
Logged In By:	

Client ID	Lab ID	Sampling Location	Type of Material	Color
1	ACM-21	20-51	Roof 7 Roof Drain Black Sealant Material	
2	ACM-22	52	Roof 7 Roof Drain White Sealant Material Between Roof Membrane and Underlayment	
3	ACM-23	53	Roof 7 Roof Drain White Sealant Material Between Roof Membrane and Underlayment	
4	ACM-24	54	Roof 7 Black Roof Membrane with Fibrous Backing Material	
5	ACM-25	55	Roof 7 Black Roof Membrane with Fibrous Backing Material	
6	ACM-26	56 AB	Roof 7 Black Fibrous Backing and Foam Material	
7	ACM-27	57 AB	Roof 7 Black Fibrous Backing and Foam Material	
8	ACM-28	58	Roof 7 New Black Patching Sealant Material	
9	ACM-29	59	Roof 7 New Black Patching Sealant Material	
10	ACM-30	60	Roof 3 Black Edge Sealant	

Sampled By: Kurt Knoell	Date: 11/5/2024
Transported to Paradigm By: Kurt Knoell	Date: 11/7/2024
Received By: <i>[Signature]</i>	Date: 11/8/24 0700

All samples will be analyzed by the appropriate New York State Department of Health methods (198.1, 198.4 and 198.6) unless EPA 600/M4/82/020 per 40 CFR 763 and/or EPA 600/R-93/116 methods are requested.	
CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS	<input checked="" type="checkbox"/> X
or provide TEM contact name:	
TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF CUSTODY:	

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CHAIN OF CUSTODY FOR BULK ASBESTOS ANALYSIS

179 Lake Avenue, Rochester, New York 14608  
1430 Millersport Hwy, Buffalo, NY 14221

Office: 585-647-2530  
Office: 716-775-5777

OFFICE USE ONLY	
Job #:	2296-248
Page	4 of 7
Date Logged In:	11/8
Logged In By:	~

Client:	Azar Design Co/Foit-Albert Associates	Contact:	Kurt Knoell
Phone Number:	716-867-3888	Email Address for Data:	
Results To	Kurt Knoell	Turn Around Time:	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>
Date Sampled	11/5/2024	Material Type/Quantity:	Friable <input checked="" type="checkbox"/> X NOB <input checked="" type="checkbox"/> X TEM <input checked="" type="checkbox"/> X
Project Location:	Project # 19050.05 DOT Manchester Maintenance Building		

Client ID	Lab ID	Sampling Location	Type of Material	Color
1	ACM-31	20701	Roof 3 Black Edge Sealant	
2	ACM-32	62	Roof 3 Black Edge Sealant	
3	ACM-33	63	Roof 3 Black Edge Sealant	
4	ACM-34	64	Roof 3 Fan Housing Black Sealant	
5	ACM-35	65	Roof 3 Fan Housing Black Sealant	
6	ACM-36	66	Roof 3 Black Seaming Sealant Material	
7	ACM-37	67	Roof 3 Black Seaming Sealant Material	
8	ACM-38	68	Roof 3 Black Seaming Sealant Material	
9	ACM-39	69	Roof 3 Black Seaming Sealant Material	
10	ACM-40	70	Roof 3 Roof Drain Black Sealant	

Sampled By:	Date:
Kurt Knoell	11/5/2024
Transported to Paradigm By:	Date:
Kurt Knoell	11/7/2024
Received By:	Date:
<i>Kurt Knoell</i>	11/8/24 0700

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CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS ☒ X  
or provide TEM contact name:

TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF CUSTODY:



**CHAIN OF CUSTODY FOR BULK ASBESTOS ANALYSIS**

179 Lake Avenue, Rochester, New York 14608  
1430 Millersport Hwy, Buffalo, NY 14221

Office: 585-647-2530  
Office: 716-775-5777

<b>Client Mailing Address:</b> 295 Main St #200  Buffalo, New York  14203	<b>Client:</b> Azar Design Co/Foit-Albert Associates  <b>Phone Number:</b> 716-867-3888  <b>Results To:</b> Kurt Knoell  <b>Date Sampled:</b> 11/5/2024  <b>Project Location:</b> Project # 19050.05 DOT Manchester Maintenance Building	<b>Contact:</b> Kurt Knoell  <b>Email Address for Data:</b>  <b>Turn Around Time:</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/> <b>Material Type/Quantity:</b> Friable <input checked="" type="checkbox"/> X NOB <input checked="" type="checkbox"/> X TEM <input checked="" type="checkbox"/> X	<b>OFFICE USE ONLY</b>  <b>Job #:</b> 2296-248  <b>Page</b> 5 <b>of</b> 7  <b>Date Logged In:</b> 11/8 <b>Logged In By:</b> ~ ~ ~
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Client ID	Lab ID	Sampling Location	Type of Material	Color
1	ACM-41	20771	Roof 3 Roof Drain Black Sealant	
2	ACM-42	72	Roof 3 Roof Drain Grey Sealant between Roof Membrane and Underlayment	
3	ACM-43	73	Roof 3 Roof Drain Grey Sealant between Roof Membrane and Underlayment	
4	ACM-44	74	Roof 3 New Black Patching Sealant Material	
5	ACM-45	75	Roof 3 New Black Patching Sealant Material	
6	ACM-46	76	Roof 3 New Black Patching Sealant Material	
7	ACM-47	77	Roof 3 Black Roof Membrane with Fibrous Black Backing Material	
8	ACM-48	78	Roof 3 Black Roof Membrane with Fibrous Black Backing Material	
9	ACM-49	79	Roof 3 Black Roof Membrane with Fibrous Black Backing Material	
10	ACM-50	80 A, B	Roof 3 Black Fibrous Backing Material with Foam	

<b>Sampled By:</b> Kurt Knoell	<b>Date:</b> 11/5/2024
<b>Transported to Paradigm By:</b> Kurt Knoell	<b>Date:</b> 11/7/2024
<b>Received By:</b> <i>Kurt Knoell</i>	<b>Date:</b> 11/8/24 0700

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All samples will be analyzed by the appropriate New York State Department of Health methods (198.1,198.4 and 198.6) unless EPA 600/M4/82/020 per 40 CFR 763 and/or EPA 600/R-93/116 methods are requested.

<b>CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS</b>	<input checked="" type="checkbox"/>
<b>or provide TEM contact name:</b>	
<b>TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF CUSTODY:</b>	



# CHAIN OF CUSTODY FOR BULK ASBESTOS ANALYSIS



179 Lake Avenue, Rochester, New York 14608  
1430 Millersport Hwy, Buffalo, NY 14221

Office: 585-647-2530  
Office: 716-775-5777

<b>Client:</b> Azar Design Co/Foit-Albert Associates		<b>Contact:</b> Kurt Knoell
<b>Phone Number:</b> 716-867-3888		<b>Email Address for Data:</b>
<b>Results To</b>	<b>Turn Around Time:</b>	<b>Material Type/Quantity:</b>
Kurt Knoell	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> Other <input type="checkbox"/>	Friable <input checked="" type="checkbox"/> NOB <input checked="" type="checkbox"/> TEM <input checked="" type="checkbox"/> X
<b>Date Sampled</b>	11/5/2024	<b>Date Logged In:</b> 11 / 8
<b>Project Location:</b>	<b>Logged In By:</b> <i>W</i>	
14203	Project # 19050.05 DOT Manchester Maintenance Building	

<b>OFFICE USE ONLY</b>	
<b>Job #:</b> 2296-24B	
<b>Page</b> 6 <b>of</b> 7	
<b>Date Logged In:</b> 11 / 8	
<b>Logged In By:</b>	

Client ID	Lab ID	Sampling Location	Type of Material	Color
1 ACM-51	2078, A1B	Roof 3 Black Fibrous Backing Material with Foam		
2 ACM-52	82 A1B	Roof 3 Black Fibrous Backing Material with Foam		
3 ACM-53	83	Roof 3 Overhang of Roof 1 Grey Fibrous Caulk		
4 ACM-54	84	Roof 3 Overhang of Roof 1 Grey Fibrous Caulk		
5 ACM-63	85	Garage Exterior Black Window Glazing		
6 ACM-64	86	Garage Exterior Black Window Glazing		
7 ACM-65	87	Garage Exterior Black Window Glazing		
8 ACM-66	88	Garage Exterior Light Black Window Framing Caulk		
9 ACM-67	89	Garage Exterior Light Black Window Framing Caulk		
10 ACM-68	90	Garage Exterior Light Black Window Framing Caulk		

<b>Sampled By:</b> Kurt Knoell	<b>Date:</b> 11/5/2024
<b>Transported to Paradigm By:</b> Kurt Knoell	<b>Date:</b> 11/7/2024
<b>Received By:</b> <i>Will W...</i>	<b>Date:</b> 11/8/24 0700

All samples will be analyzed by the appropriate New York State Department of Health methods (198.1.198.4 and 198.6) unless EPA 600/M4/82/020 per 40 CFR 763 and/or EPA 600/R-93/116 methods are requested.

**CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS** ☒ X  
or provide TEM contact name: \_\_\_\_\_

**TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF CUSTODY:** \_\_\_\_\_

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# CHAIN OF CUSTODY FOR BULK ASBESTOS ANALYSIS



☐ 179 Lake Avenue, Rochester, New York 14608 Office: 585-647-2530  
☐ 1430 Millersport Hwy, Buffalo, NY 14221 Office: 716-775-5777

Client: Azar Design Co/Foit-Albert Associates		Contact: Kurt Knoell
Phone Number:	716-867-3888	
Results To	Kurt Knoell	Turn Around Time:
		1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> Other <input type="checkbox"/>
Date Sampled	11/5/2024	Material Type/Quantity:
		Friable <input type="checkbox"/> X NOB <input type="checkbox"/> X TEM <input type="checkbox"/> X
Project Location:	Project # 19050.05 DOT Manchester Maintenance Building	

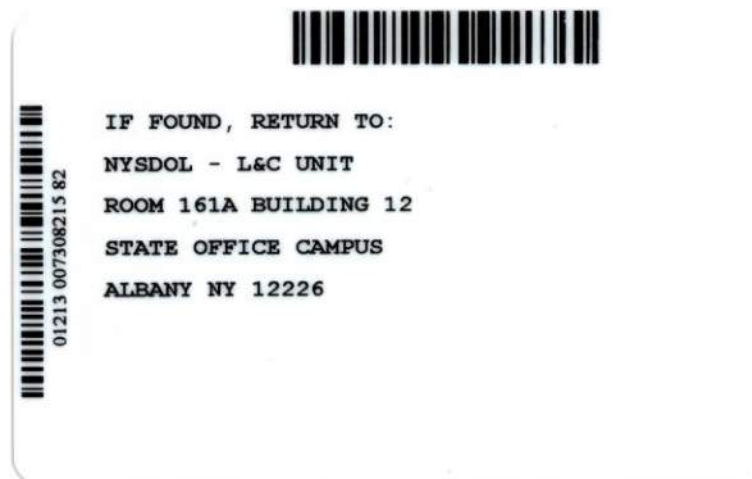
OFFICE USE ONLY	
Job #:	2296-248
Page	7 of 7
Date Logged In:	11/8
Logged In By:	ww

Client ID	Lab ID	Sampling Location	Type of Material	Color
1	ACM-69	20791	Garage Exterior Black Window Gasket Material	
2	ACM-70	92	Garage Exterior Black Window Gasket Material	
3	ACM-71	93	Garage Exterior Light Gray Window Caulking	
4	ACM-72	94	Garage Exterior Light Gray Window Caulking	
5	ACM-73	95	Garage Exterior Brown Window Caulking	
6	ACM-74	96	Garage Exterior Brown Window Caulking	
7	ACM-75	97	Garage Exterior Brown Window Caulking	
8	ACM-76	98	Garage Interior Black Window Caulking	
9	ACM-77	99	Garage Interior Black Window Caulking	
10	ACM-78	20800	Garage Interior Black Window Caulking	


Sampled By:	Date:	All samples will be analyzed by the appropriate New York State Department of Health methods (198.1, 198.4 and 198.6) unless EPA 600/M4/82/020 per 40 CFR 763 and/or EPA 600/R-93/116 methods are requested.  CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS <input checked="" type="checkbox"/> or provide TEM contact name:  TOTAL NUMBER OF SAMPLES ON ALL CHAINS OF CUSTODY:
Kurt Knoell	11/5/2024	
Transported to Paradigm By:	Date:	
Kurt Knoell	11/7/2024	
Received By:	Date:	
<i>William</i>	11/8/24 0700	

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# ASBESTOS CERTIFICATION





STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



**ERIC DIXON**  
CLASS(EXPIRES)  
C ATEC (01/25) D INSP (01/25)  
H PM (01/25)


CERT# 24-6HCP-SHAB  
DMV# 187836255

**MUST BE CARRIED ON ASBESTOS PROJECTS**



IF FOUND, RETURN TO:

**NYSDEL - L&C UNIT**  
**ROOM 161A BUILDING 12**  
**STATE OFFICE CAMPUS**  
**ALBANY NY 12226**



01213 007116227 51

**WE ARE YOUR DOL**



**Department  
of Labor**

DIVISION OF SAFETY & HEALTH LICENSE AND CERTIFICATE UNIT, STATE OFFICE CAMPUS, BLDG. 12, ALBANY, NY 12226

# ASBESTOS HANDLING LICENSE

Azar Design Co, Architecture, Landscape Architecture, Engineering and Surveying, P.C.  
295 Main Street, Suite 200, Buffalo, NY, 14213

License Number: 37054

License Class: RESTRICTED

Date of Issue: 12/17/2024

Expiration Date: 12/31/2025

Duly Authorized Representative: kurt Knoell

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.

Amy Phillips, Director  
For the Commissioner of Labor

EXCELSIOR



NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025  
Issued April 01, 2024

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**

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

**MR. ANDREW MACIEJEWSKI**  
**PARADIGM ENVIRONMENTAL SERVICES**  
**1430-B MILLERSPORT HIGHWAY**  
**WILLIAMSVILLE, NY 14221**

*NY Lab Id No: 11955*

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

**Miscellaneous**

Asbestos

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

Fibers

NIOSH 7400 A RULES

**Serial No.: 69003**

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NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2025  
Issued April 01, 2024

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**PARADIGM ENVIRONMENTAL SERVICES**  
**1430-B MILLERSPORT HIGHWAY**  
**WILLIAMSVILLE, NY 14221**

**NY Lab Id No: 11955**

*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

**Serial No.: 69002**

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