



July 11, 2019

Mr. John E. Trenholm  
Director of Facilities  
Scarsdale UFSD  
2 Brewster Rd.  
Scarsdale NY 10583

Re: Re-Occupancy Letter  
Greenacres School  
41 Huntington Ave., Scarsdale NY 10583  
LBA Job Number: 2042892.064

Dear Mr. Trenholm,

Please be advised that asbestos abatement work was completed at **Greenacres School on July 10, 2019**. Louis Berger A WSP Company provided on site project monitoring for the duration of the abatement procedure, performed from **July 1<sup>st</sup> to 10<sup>th</sup>, 2019 by NSC**, in accordance with the New York State Department of Labor Industrial Code Rule 56 and applicable variances.

Date	Location	Material Removed	Quantity	Procedure Used
7/1/19 to 7/10/19	1 <sup>st</sup> Floor – Classrooms 4A, 4C, 7, 7A, 8, 9, 11, 12 & 13	Chalk & Tack Board Adhesive	370 SF	NYS DOL 12 NYCRR Part 56 §7.11(ii) Tent Procedure

Project monitoring and clearance air testing was conducted by Louis Berger project monitor **Jeff Leed & Paul Trudell**. Final clearance air sampling inside and outside the work area was performed on **July 3, 5, 6 & 8, 2019** in accordance with approved procedures. Final clearance air sampling indicates average airborne fiber levels below 70s/mm<sup>2</sup> meeting re-occupancy criteria. A visual inspection of the abated areas was conducted and no visible debris was observed upon final completion of the removal. All air monitoring results, daily logs and other pertinent project data will be compiled into a final project monitoring report and forwarded to your office upon completion of all abatement activities.

Based upon the results of the clearance air testing, all areas may be released for re-occupancy. If you have any questions regarding this matter, feel free to contact me at (212) 612-7938.

Sincerely,

**Louis Berger**

A handwritten signature in black ink, appearing to read 'ML', enclosed within a light gray oval border.

Marvin Luccioni

Principle Environmental Specialist

**Attachments:**

- 1. Company and Personnel Licenses**
- 2. Chain of Custodies and Lab Results**



# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

Tel/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com> / [manhattanlab@emsl.com](mailto:manhattanlab@emsl.com)

EMSL Order: 031915391

Customer ID: LBAP78

Customer PO: 2042892.064

Project ID:

**Attention:** Marvin Luccioni  
Louis Berger U.S., Inc  
96 Morton Street  
8th floor  
New York, NY 10014

**Phone:** (212) 612-7900

**Fax:**

**Received Date:** 07/04/2019 01:03 AM

**Analysis Date:** 07/04/2019

**Collected Date:** 07/03/2019

**Project:** 2042892.064/ SCARSDALE UFSD/ 41 HUNTINGTON AVE, SCARSDALE, NY 10583/ POST-ABATEMENT

## Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ < 5μ	≥5μ		(S/mm <sup>2</sup> )	(S/cc)
1 031915391-0001	ROOM 9- IWA 1	1712.70	0.0508	0	None Detected	0	0	0.0044	<20.00	<0.0044
2 031915391-0002	ROOM 9- IWA 2	1722.60	0.0508	0	None Detected	0	0	0.0044	<20.00	<0.0044
3 031915391-0003	ROOM 9- IWA 3	1712.70	0.0508	0	None Detected	0	0	0.0044	<20.00	<0.0044
7 031915391-0004	ROOM 7 IWA 1	1534.50	0.0508	0	None Detected	0	0	0.0049	<20.00	<0.0049
8 031915391-0005	ROOM 7 IWA 2	1524.60	0.0508	0	None Detected	0	0	0.0050	<20.00	<0.0050
9 031915391-0006	ROOM 7 IWA 3	1534.50	0.0508	0	None Detected	0	0	0.0049	<20.00	<0.0049

Analyst(s)

Isaac Mendez (6)


James Hall, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. Results reported in both structures/cm<sup>3</sup> and structures/mm<sup>2</sup> are dependent on the volume of air sampled and measured by non-laboratory personnel are not the responsibility of EMSL and are not covered by the laboratory's NVLAP accreditation. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request.

Samples analyzed by EMSL Analytical, Inc. New York, NY NVLAP Lab Code 101048-9, AIHA-LAP, LLC--IHLAP Accredited #102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 07/04/2019 05:47 AM

031915391

	<b>Louis Berger</b>	<b>Air Sample Data Sheet / Chain Of Custody</b>	Page <u>1</u> of <u>1</u>
565 Taxter Road, Suite 510, Elmsford, NY 10523 Tel: (914) 798-3710			
LB Project #: <u>2042892.064</u>		Date: <u>7/3/19</u>	
Client: <u>Scarsdale UFSD</u>		Site/Building ID: <u>Greenacres School</u>	
Address: <u>41 Huntington Ave, Scarsdale, NY 10583</u>			
Project Monitor: <u>Jeff Leed</u>		Project Manager: <u>M. Luccioni</u>	
Contractor: <u>NSC</u>			
Scope of Work: <u>Room 9 + 7 Finals</u>			
Turn Around Time	<input type="checkbox"/> 1 Hour	<input type="checkbox"/> 3 Hours	<input checked="" type="checkbox"/> 6 Hours
	<input type="checkbox"/> 12 Hours	<input type="checkbox"/> 24 Hours	<input type="checkbox"/> 72 Hours
	_____ Hours		

Sample #	Circle One	Sample Location	Time (Military)		Total Minutes	Flow Rate			Total Volume
			Start	End		Start	End	Avg.	
1	IWA/OWA	Room 9 - IWA 1	10:12	13:05	173	9.9	9.9	9.9	1712.7
2	IWA/OWA	}	10:12	13:06	174	}	}	}	1722.6
3	IWA/OWA		10:13	13:06	173				1712.7
4	IWA/OWA		OWA 1	10:18	13:10				172
5	IWA/OWA	}	10:19	13:10	171	}	}	}	1692.9
6	IWA/OWA		10:19	13:11	172				1702.8
7	IWA/OWA		Room 7 IWA 1	10:59	14:34				155
8	IWA/OWA	}	12:00	14:35	154	}	}	}	1524.6
9	IWA/OWA		12:00	14:35	155				1534.5
10	IWA/OWA		OWA 1	12:04	14:41				157
11	IWA/OWA	}	12:04	14:42	158	}	}	}	1564.2
12	IWA/OWA		12:05	14:42	157				1554.3
13	IWA/OWA		Blank	<div style="border: 1px solid black; padding: 5px; display: inline-block;">           19 JUL -4 AM 1:03            ENCL. MANHATTAN LAB RECEIVED         </div>					
14	IWA/OWA								
15	IWA/OWA								
	IWA/OWA								
	IWA/OWA								
	IWA/OWA								
	IWA/OWA								
	IWA/OWA								
	IWA/OWA								

<b>Air Cassette Type</b>		<b>Rotameter</b>		<b>Sample Type</b>	
<input type="checkbox"/> PCM	LBA# <u>07</u>	<input type="checkbox"/> Background	<input checked="" type="checkbox"/> Post Abatement	Other _____	
<input checked="" type="checkbox"/> TEM <u>IM</u>	Cal Date <u>7/3/19</u>	<input type="checkbox"/> Pre-Abatement	<input type="checkbox"/> Ambient		
<input type="checkbox"/>	Cal Factor <u>1.10</u>	<input type="checkbox"/> During	<input type="checkbox"/> OSHA		
Other: _____					

<b>Chain of Custody</b>		<b>Print</b>	<b>Sign</b>	<b>Date</b>	<b>Time</b>
Relinquished by		<u>Jeff Leed</u>	<u>[Signature]</u>	<u>7/3/19</u>	<u>4:20pm</u>
Received by		<u>Tyler Prime</u>	<u>[Signature]</u>	<u>7/3/19</u>	<u>4:20pm</u>
Relinquished by		<u>Tyler Prime</u>	<u>[Signature]</u>	<u>7/3/19</u>	<u>12:54am</u>
Received by		<u>Leah Ramari</u>	<u>[Signature]</u>	<u>7/4/19</u>	<u>10:30am</u>

<b>Lab Information</b>			
Lab Name:	Analyst: <u>Isaac Mendez IM</u>	Date: <u>7-4-19</u>	Time: <u>4:59am</u>

**Instructions:** For TEM analyze IWA samples only unless otherwise directed.

**Notes:**





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<http://www.EMSL.com> / [manhattanlab@emsl.com](mailto:manhattanlab@emsl.com)

EMSL Order: 031915483

Customer ID: LBAP78

Customer PO: 2042892.064

Project ID:

**Attention:** Marvin Luccioni  
Louis Berger U.S., Inc  
96 Morton Street  
8th floor  
New York, NY 10014

**Project:** 2042892.064/ SCARSDALE SCHOOLS/ 41 HUNTINGTON AVE, SCARSDALE, NY 10583/ ROOMS 8, 4C,  
AND 4A FINALS

**Phone:** (718) 730-2741

**Fax:**

**Received Date:** 07/05/2019 3:10 PM

**Analysis Date:** 07/05/2019

**Collected Date:** 07/05/2019

## Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Type(s)	#Structures ≥0.5μ < 5μ ≥5μ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm <sup>2</sup> )	(S/cc)
16	ROOM 8- IWA 1	1544.40	0.0504	0	None Detected		0.0049	<20.00	<0.0049
031915483-0001									
17	ROOM 8- IWA 2	1534.50	0.0504	0	None Detected		0.0050	<20.00	<0.0050
031915483-0002									
18	ROOM 8- IWA 3	1544.40	0.0504	0	None Detected		0.0049	<20.00	<0.0049
031915483-0003									
22	ROOM 4C IWA 1	1584.00	0.0504	0	None Detected		0.0048	<20.00	<0.0048
031915483-0004									
23	ROOM 4C IWA 2	1593.90	0.0504	0	None Detected		0.0048	<20.00	<0.0048
031915483-0005									
24	ROOM 4C IWA 3	1584.00	0.0504	0	None Detected		0.0048	<20.00	<0.0048
031915483-0006									
28	ROOM 4A- TENT 1- IWA 1	1287.00	0.0630	0	None Detected		0.0047	<16.00	<0.0047
031915483-0007									
29	ROOM 4A- TENT 1- IWA 2	1277.10	0.0630	0	None Detected		0.0048	<16.00	<0.0048
031915483-0008									
30	ROOM 4A- TENT 1- IWA 3	1277.10	0.0630	0	None Detected		0.0048	<16.00	<0.0048
031915483-0009									
31	ROOM 4A- TENT 2- IWA 1	1287.00	0.0630	0	None Detected		0.0047	<16.00	<0.0047
031915483-0010									
32	ROOM 4A- TENT 2- IWA 2	1296.90	0.0630	0	None Detected		0.0047	<16.00	<0.0047
031915483-0011									
33	ROOM 4A- TENT 2- IWA 3	1296.90	0.0630	0	None Detected		0.0047	<16.00	<0.0047
031915483-0012									

JEOL / JEM-100CX II #03-03



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EMSL Order: 031915483

Customer ID: LBAP78

Customer PO: 2042892.064

Project ID:

**Attention:** Marvin Luccioni  
Louis Berger U.S., Inc  
96 Morton Street  
8th floor  
New York, NY 10014

**Phone:** (718) 730-2741

**Fax:**

**Received Date:** 07/05/2019 3:10 PM

**Analysis Date:** 07/05/2019

**Collected Date:** 07/05/2019

**Project:** 2042892.064/ SCARSDALE SCHOOLS/ 41 HUNTINGTON AVE, SCARSDALE, NY 10583/ ROOMS 8, 4C,  
AND 4A FINALS

## Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ	< 5μ ≥5μ		(S/mm <sup>2</sup> )	(S/cc)

Analyst(s)

Miguel Savinon (12)

James Hall, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. New York, NY NVLAP Lab Code 101048-9, AIHA-LAP, LLC--IHAP Accredited #102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 07/06/2019 02:03:33

031915483

**Louis Berger**

## Air Sample Data Sheet / Chain Of Custody

Page 1 of 2

565 Taxter Road, Suite 510, Elmsford, NY 10523 Tel: (914) 798-3710

LB Project #: 2042892.064Date: 7/5/19Client: Scarsdale SchoolsSite/Building ID: GreenacresAddress: 41 Huntington Ave, Scarsdale, NY 10583Project Monitor: Jeff LeedProject Manager: M. LuccioniContractor: NSCScope of Work: Rooms 8, 4C, and 4A Finals

Turn Around Time

☐ 1 Hour☐ 3 Hours☐ 6 Hours☒ 12 Hours☐ 24 Hours☐ 72 Hours

\_\_\_\_ Hours

Sample #	Circle One	Sample Location	Time (Military)		Total Minutes	Flow Rate			Total Volume
			Start	End		Start	End	Avg.	
16	IWA/OWA	Room 8 - IWA 1	0740	1016	156	9.9	9.9	9.9	1544.4
17	IWA/OWA	↓ 2	0741	1016	155	↓	↓	↓	1534.5
18	IWA/OWA	↓ 3	0741	1017	156	↓	↓	↓	1544.4
19	IWA/OWA	OWA 1	0746	1023	157	↓	↓	↓	1559.3
20	IWA/OWA	↓ 2	0746	1024	158	↓	↓	↓	1564.2
21	IWA/OWA	↓ 3	0747	1024	157	↓	↓	↓	1554.3
22	IWA/OWA	Room 4C IWA 1	810	1050	160	9.9	9.9	9.9	1584
23	IWA/OWA	↓ 2	810	1051	161	↓	↓	↓	1593.9
24	IWA/OWA	↓ 3	811	1051	160	↓	↓	↓	1584
25	IWA/OWA	OWA 1	816	1057	161	↓	↓	↓	1593.9
26	IWA/OWA	↓ 2	817	1058	161	↓	↓	↓	1593.9
27	IWA/OWA	↓ 3	817	1058	161	↓	↓	↓	1593.9
28	IWA/OWA	Room 4A-Tent 1 - IWA 1	1120	1330	130	9.9	9.9	9.9	1287
29	IWA/OWA	↓ 2	1121	1330	129	↓	↓	↓	1277.1
30	IWA/OWA	↓ 3	1122	1331	129	↓	↓	↓	1277.1
31	IWA/OWA	Tent 2 - IWA 1	1130	1340	130	↓	↓	↓	1287
32	IWA/OWA	↓ 2	1131	1341	130	↓	↓	↓	1287
33	IWA/OWA	↓ 3	1131	1342	131	↓	↓	↓	1296.9
34	IWA/OWA	OWA 1	1136	1347	131	↓	↓	↓	1296.9
35	IWA/OWA	↓ 2	1137	1347	130	↓	↓	↓	1287

<b>Air Cassette Type</b>	<b>Rotameter</b>	<b>Sample Type</b>
<input type="checkbox"/> PCM	LBA# <u>07</u>	<input type="checkbox"/> Background
<input checked="" type="checkbox"/> TEM	Cal Date <u>7/3/19</u>	<input checked="" type="checkbox"/> Post Abatement
<input type="checkbox"/> Other: _____	Cal Factor <u>1.10</u>	<input type="checkbox"/> Pre-Abatement
		<input type="checkbox"/> During
		<input type="checkbox"/> OSHA
		Other: <u>2019 JUL 5</u>

<b>Chain of Custody</b>	<b>Print</b>	<b>Sign</b>	<b>Date</b>	<b>Time</b>
Relinquished by	<u>J. Leed</u>	<u>[Signature]</u>	<u>7/5/19</u>	<u>1:48pm</u>
Received by	<u>T. Prime</u>	<u>[Signature]</u>	<u>7/5/19</u>	<u>1:48pm</u>
Relinquished by	<u>T. Prime</u>	<u>[Signature]</u>	<u>7/5/19</u>	<u>2:34pm</u>
Received by	<u>[Signature]</u>	<u>[Signature]</u>	<u>7/5/19</u>	<u>3:10pm</u>

## Lab Information

Lab Name: \_\_\_\_\_ Analyst: [Signature] Date: 7/5/19 Time: 9:47AM

Instructions: For TEM analyze IWA samples only unless otherwise directed.

Notes:



Page 2 Of 2





# EMSL Analytical, Inc.

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Tel/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com> / [manhattanlab@emsl.com](mailto:manhattanlab@emsl.com)

EMSL Order: 031915597

Customer ID: LBAP78

Customer PO: 2042892.064

Project ID:

**Attention:** Marvin Luccioni  
Louis Berger U.S., Inc  
96 Morton Street  
8th floor  
New York, NY 10014

**Phone:** (212) 612-7900

**Fax:**

**Received Date:** 07/06/2019 17:29 PM

**Analysis Date:** 07/06/2019

**Collected Date:** 07/06/2019

**Project:** 2042892.064 / SCARSDALE SCHOOLS / 41 HUNTINGTON AVENUE, SCARSDALE, NY / GREENACRES /  
ROOM 7A FINAL AIR SAMPLES / POST - ABATEMENT

## Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ	< 5μ		(S/mm <sup>2</sup> )	(S/cc)
40 031915597-0001	ROOM 7A - IWA - 1	1475.10	0.0630	0	None Detected	0	0	0.0041	<16.00	<0.0041
41 031915597-0002	ROOM 7A - IWA - 2	1475.10	0.0630	0	None Detected	0	0	0.0041	<16.00	<0.0041
42 031915597-0003	ROOM 7A - IWA - 3	1475.10	0.0630	0	None Detected	0	0	0.0041	<16.00	<0.0041

Analyst(s)

Miguel Savinon (3)

James Hall, Laboratory Manager  
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. New York, NY NVLAP Lab Code 101048-9, AIHA-LAP, LLC--IHLAP Accredited #102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 07/06/2019 22:48 PM

031915597

**Louis Berger**

## Air Sample Data Sheet / Chain Of Custody

Page 1 of 1

565 Taxter Road, Suite 510, Elmsford, NY 10523 Tel: (914) 798-3710

LB Project #:	2042 892.064		Date:	7/6/19	
Client:	Scarsdale Schools		Site/Building ID:	Greenacres	
Address:	41 Huntington Avenue, Scarsdale, NY				
Project Monitor:	Paul Trudell		Project Manager:	M. Luccioni	
Contractor:	NSC				
Scope of Work:	Room 7A Final Air Samples				
Turn Around Time	<input type="checkbox"/> 1 Hour	<input type="checkbox"/> 3 Hours	<input checked="" type="checkbox"/> 6 Hours	<input type="checkbox"/> 12 Hours	<input type="checkbox"/> 24 Hours
			<input type="checkbox"/> 72 Hours	_____ Hours	

Sample #	Circle One	Sample Location	Time (Military)		Total Minutes	Flow Rate			Total Volume
			Start	End		Start	End	Avg.	
40	IWA/OWA	Room 7A - IWA - 1	0801	1030	149	9.9	9.9	9.9	1,475.1
41	IWA/OWA	Room 7A - IWA - 2	0802	1031	149	9.9	9.9	9.9	1,475.1
42	IWA/OWA	Room 7A - IWA - 3	0803	1032	149	9.9	9.9	9.9	1,475.1
43	IWA/OWA	Room 7A - OWA - 1	0805	1033	148	9.9	9.9	9.9	1,465.2
44	IWA/OWA	Room 7A - OWA - 2	0806	1035	149	9.9	9.9	9.9	1,475.1
45	IWA/OWA	Room 7A - OWA - 3	0807	1037	150	9.9	9.9	9.9	1,485.8
46	IWA/OWA	Blank	/	/	/	/	/	/	/
47	IWA/OWA	Blank	/	/	/	/	/	/	/
48	IWA/OWA	Blank	/	/	/	/	/	/	/
	IWA/OWA								
	IWA/OWA								
	IWA/OWA								
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	IWA/OWA								
	IWA/OWA								

<b>Air Cassette Type</b>		<b>Rotameter</b>		<b>Sample Type</b>	
<input type="checkbox"/> PCM	LBA#	07	<input type="checkbox"/> Background	<input checked="" type="checkbox"/> Post Abatement	Other _____
<input checked="" type="checkbox"/> TEM	Cal Date	7/3/19	<input type="checkbox"/> Pre-Abatement	<input type="checkbox"/> Ambient	
<input type="checkbox"/>	Cal Factor	1.10	<input type="checkbox"/> During	<input type="checkbox"/> OSHA	
Other: _____					
<b>Chain of Custody</b>		<b>Print</b>	<b>Sign</b>	<b>Date</b>	<b>Time</b>
Relinquished by		P. Trudell	Paul Trudell	7/6/19	17:15
Received by		Arada Gane	Arada Gane	7/6/19	5:29 PM
Relinquished by					
Received by					

## Lab Information

Lab Name: \_\_\_\_\_ Analyst: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Instructions: For TEM analyze IWA samples only unless otherwise directed.

Notes:



# EMSL Analytical, Inc.

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<http://www.EMSL.com> / [manhattanlab@emsl.com](mailto:manhattanlab@emsl.com)

EMSL Order: 031915668

Customer ID: LBAP78

Customer PO: 2042892.064

Project ID:

**Attention:** Marvin Luccioni  
Louis Berger U.S., Inc  
96 Morton Street  
8th floor  
New York, NY 10014

**Phone:** (212) 612-7900

**Fax:**

**Received Date:** 07/08/2019 14:42 PM

**Analysis Date:** 07/08/2019

**Collected Date:** 07/08/2019

**Project:** 2042892.064/ SCARSDALE UFSD / GREENACRES/ 41 HUNTINGTON AVE/ SCARSDALE NY / RM 12/  
POST ABATEMENT

## Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by EPA 40 CFR Part 763 Appendix A to Subpart E

Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Type(s)	#Structures ≥0.5μ < 5μ    ≥5μ		Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm <sup>2</sup> )	(S/cc)
49	IWA RM12 TENT 1- IWA 1	1742.40	0.0504	0	Chrysotile	1	0	0.0044	20.00	0.0044
031915668-0001										
50	IWA RM12 TENT 1- IWA 2	1742.40	0.0504	0	None Detected	0	0	0.0044	<20.00	<0.0044
031915668-0002										
51	IWA RM12 TENT 1- IWA 3	1742.40	0.0504	0	None Detected	0	0	0.0044	<20.00	<0.0044
031915668-0003										
52	IWA RM 12 TENT 2- IWA 1	1589.50			Overloaded					N/A
031915668-0004 Particulate loading greater than 10%										
53	IWA RM 12 TENT 2- IWA 2	1742.40			Overloaded					N/A
031915668-0005 Particulate loading greater than 10%.										
54	IWA RM 12 TENT 2- IWA 3	1742.40			Overloaded					N/A
031915668-0006 Particulate loading greater than 10%.										
61	IWA RM 12 IWA 1	1396.00	0.0630	0	None Detected	0	0	0.0044	<16.00	<0.0044
031915668-0007										
62	IWA RM 12 IWA 2	1386.00	0.0630	0	None Detected	0	0	0.0044	<16.00	<0.0044
031915668-0008										
63	IWA RM 12 IWA 3	1376.00	0.0630	0	None Detected	0	0	0.0044	<16.00	<0.0044
031915668-0009										

Analyst(s)

Isaac Mendez (6)

James Hall, Laboratory Manager  
or other approved signatory





# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018

Tel/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com> / [manhattanlab@emsl.com](mailto:manhattanlab@emsl.com)

EMSL Order: 031915668

Customer ID: LBAP78

Customer PO: 2042892.064

Project ID:

**Attention:** Marvin Luccioni  
Louis Berger U.S., Inc  
96 Morton Street  
8th floor  
New York, NY 10014

**Phone:** (212) 612-7900

**Fax:**

**Received Date:** 07/08/2019 14:42 PM

**Analysis Date:** 07/08/2019

**Collected Date:** 07/08/2019

**Project:** 2042892.064/ SCARSDALE UFSD / GREENACRES/ 41 HUNTINGTON AVE/ SCARSDALE NY / RM 12/  
POST ABATEMENT

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Sample	Location	Volume (Liters)	Area Analyzed (mm <sup>2</sup> )	Non Asb	Asbestos Type(s)	#Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration	
						≥0.5μ	< 5μ		(S/mm <sup>2</sup> )	(S/cc)

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Samples analyzed by EMSL Analytical, Inc. New York, NY NVLAP Lab Code 101048-9, AIHA-LAP, LLC--IHLAP Accredited #102581, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from: 07/08/2019 19:24 PM

031915668

 <b>Louis Berger</b>		Air Sample Data Sheet / Chain Of Custody		Page <u>1</u> of <u>1</u>				
565 Taxter Road, Suite 510, Elmsford, NY 10523 Tel: (914) 798-3710								
LB Project #: <u>2042892.064</u>				Date: <u>7/8/19</u>				
Client: <u>Scarsdale UFSD</u>		Site/Building ID: <u>Greenacres</u>						
Address: <u>41 Huntington Avenue, Scarsdale, NY</u>								
Project Monitor: <u>Paul Trudell</u>			Project Manager: <u>M. Luccioni</u>					
Contractor: <u>NSC</u>								
Scope of Work: <u>Room 12</u>								
Turn Around Time		<input type="checkbox"/> 1 Hour	<input type="checkbox"/> 3 Hours	<input checked="" type="checkbox"/> 6 Hours	<input type="checkbox"/> 12 Hours	<input type="checkbox"/> 24 Hours	<input type="checkbox"/> 72 Hours	_____ Hours

Sample #	Circle One	Sample Location	Time (Military)		Total Minutes	Flow Rate			Total Volume
			Start	End		Start	End	Avg.	
49	IWA/OWA	Room 12 - Tent 1 - IWA - 1	0750	10:46	176	9.9	9.9	9.9	1,742.4
50	IWA/OWA	IWA - 2	0751	10:47	176	9.9	9.9	9.9	1,742.4
51	IWA/OWA	IWA - 3	0752	10:48	176	9.9	9.9	9.9	1,742.4
52	IWA/OWA	Room 12 - Tent 2 - IWA - 1	0801	10:51	170	9.9	8.8	9.35	1589.5
53	IWA/OWA	IWA - 2	0802	10:52	170	9.9	9.9	9.9	1,742.4
54	IWA/OWA	IWA - 3	0803	10:53	170	9.9	9.9	9.9	1,742.4
55	IWA/OWA	Room 12 - OWA - 1	0810	10:55	165	9.9	9.9	9.9	1,742.4
56	IWA/OWA	- 2	0811	10:56	165	9.9	9.9	9.9	1,742.4
57	IWA/OWA	- 3	0812	10:57	165	9.9	9.9	9.9	1,742.4
58	IWA/OWA	Room 13 - OWA - 1	11:13	13:36	143	9.9	9.9	9.9	1,316.7
59	IWA/OWA	- 2	11:14	13:36	142	9.9	9.9	9.9	1,406
60	IWA/OWA	- 3	11:15	13:37	142	9.9	9.9	9.9	1,406
61	IWA/OWA	Room 13 - IWA - 1	11:17	13:38	141	9.9	9.9	9.9	1,396
62	IWA/OWA	- 2	11:18	13:38	140	9.9	9.9	9.9	1,386
63	IWA/OWA	- 3	11:20	13:39	139	9.9	9.9	9.9	1,376
64	IWA/OWA	Blank	/	/	/	/	/	/	/
65	IWA/OWA	Blank	/	/	/	/	/	/	/
66	IWA/OWA	Blank	/	/	/	/	/	/	/
	IWA/OWA								
	IWA/OWA								

<b>Air Cassette Type</b>		<b>Rotameter</b>		<b>Sample Type</b>	
<input type="checkbox"/> PCM	LBA# <u>07</u>	<input type="checkbox"/> Background	<input checked="" type="checkbox"/> Post Abatement	Other _____	
<input checked="" type="checkbox"/> TEM <u>50 SM</u>	Cal Date <u>7/3/19</u>	<input type="checkbox"/> Pre-Abatement	<input type="checkbox"/> Ambient		
<input type="checkbox"/>	Cal Factor <u>1.10</u>	<input type="checkbox"/> During	<input type="checkbox"/> OSHA		
Other: _____					

<b>Chain of Custody</b>		<b>Print</b>	<b>Sign</b>	<b>Date</b>	<b>Time</b>
Relinquished by		<u>Jeff Leed</u>	<u>[Signature]</u>	<u>7/8/19</u>	<u>1441</u>
Received by		<u>[Signature]</u>	<u>[Signature]</u>	<u>7/8/19</u>	<u>244pm</u>
Relinquished by					
Received by					

<b>Lab Information</b>			
Lab Name:	Analyst: <u>IM Seade</u>	Date: <u>7-8-19</u>	Time: <u>19:04</u>

**Instructions:** For TEM analyze IWA samples only unless otherwise directed.

**Notes:**

 19 JUL - 8 PM 2:12  
 ENSL MANHATTAN LAB RECEIVED



01213 004732491 81



**Department  
of Labor**

JEFFREY A LEED

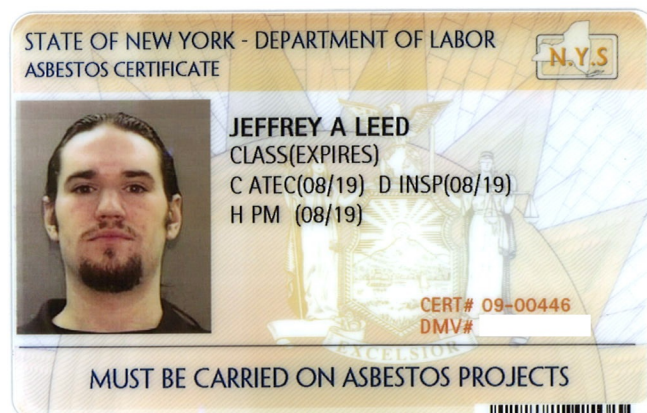
C/O LOUIS BERGER 96 NORTON ST  
NEW YORK NY 10014

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