



**The LiRo Group**

Three Aerial Way, Syosset, NY 11791 Telephone 516.938.5476 Facsimile 516.937.5421 www.liro.com

**Progress Invoice #5: 190380801-6**

September 16, 2020

Yonkers Public Schools  
1 Larkin Center 3rd Floor  
Yonkers, New York 10701

Contract: Yonkers Public Schools, Non Academic Services, Contract 618430  
Contract Date: March 14, 2019  
PO # 2020-0003974  
CIP 618430

Description of Services:

Task C - Six Month Surveillance

Task E.

Yonkers Montessori Academy and PS 23 - Limited Asbestos Inspection and Reporting

<u>Tasks</u>	<u>Hours/Each</u>	<u>Rate</u>	<u>Value</u>	<u>Amount Previously Billed</u>	<u>Current Invoice Amount</u>
A - AHERA Triennial Inspections & Reports	1	LS	\$49,975.00	\$49,975.00	\$0.00
B - Asbestos Management Plan (AMP) Updates	1	LS	\$19,950.00	\$19,950.00	\$0.00
C - Six Month Surveillance and Six Month Surveillance Training	1	LS	\$7,850.00	\$7,850.00	\$0.00
D - Create A Document in Biddable Format	1	LS	\$24,495.00	\$24,495.00	\$0.00
E - 1.06 Additional Services	1	As Necessary	\$50,000.00	\$17,614.05	\$1,382.39

**Invoice Amount: \$1,382.39**

Contract Value: \$151,135.00  
Previously Billed: \$119,884.05  
Current Invoice: \$1,382.39

Remaining Amount \$29,868.56

**Task E Billing Breakdown**

<u>Name</u>	<u>Date</u>	<u>Title</u>	<u>Hour</u>	<u>Rate</u>	<u>Fee</u>
<b>PS 23 @ 56 Cortlandt Park - Limited Buk Survey Room 4</b>					
James Morse	6/5/2020	NYS DOL Inspector	4	\$72.21	\$288.84
Christopher Zaroni	6/5/2020	Project Manager	1	\$128.62	\$128.62
Amerisci 220061680		PLM	1	\$6.00	\$6.00
<b>Mark Twain - Yonkers Montessori Academy - Pool Inspection</b>					
Eric Strumza	5/13/2020	NYS DOL Inspector	4	\$72.21	\$288.84
Eric Strumza	5/15/2020	NYS DOL Inspector	2	\$72.21	\$144.42
Ismael Torres	2/28/2020	NYS DOL Inspector	5	\$72.21	\$361.05
Christopher Zaroni	6/5/2020	Project Manager	1	\$128.62	\$128.62
EMSL 062007361		PLM	6	\$6.00	\$36.00

\$1,382.39

**Please Remit Payment To:**  
**LiRo Engineers, Inc.**  
**3 Aerial Way**  
**Syosset, NY 11791**

**5.02 CONTRACT TERM**

The term of the agreement is 365 calendar days. This is not reflective of the milestones dates listed elsewhere.

**5.03 COMPENSATION FOR ADDITIONAL SERVICES**

For additional services of the Consultant, beyond the scope of work described herein, the Consultant shall be compensated per a negotiated lump sum or by a time and material basis as per the discretion of the YPS. See 5.04 Hourly Payment Rates for Various Titles.

**5.04 HOURLY PAYMENT RATES FOR VARIOUS TITLES**

The Consultant will be compensated for time and material work beyond the original scope of work at the rates proposed by the Consultant for each of the titles listed below:

Category	Ave. Direct Hourly Rate	Inc. Direct Personnel Multiplier <u>2.18</u>	Ave. Hourly Rate Charged (inc. O&P)
Sr. Principal	\$ <u>150.00</u>	\$ <u>CAP</u>	\$ <u>150.00</u>
Principal	\$ <u>145.00</u>	\$ <u>CAP</u>	\$ <u>145.00</u>
Associate	\$ <u>79.00</u>	\$ <u>99.22</u>	\$ <u>172.22</u>
Project Manager	\$ <u>59.00</u>	\$ <u>69.62</u>	\$ <u>128.62</u>
Architect (RA)	\$ <u>69.00</u>	\$ <u>69.62</u>	\$ <u>128.62</u>
Engineer (PE)	\$ <u>59.00</u>	\$ <u>69.62</u>	\$ <u>128.62</u>
Architect	\$ <u>47.50</u>	\$ <u>58.05</u>	\$ <u>103.55</u>
Engineer	\$ <u>47.50</u>	\$ <u>58.05</u>	\$ <u>103.55</u>
Asb. Inspector	\$ <u>34.50</u>	\$ <u>40.71</u>	\$ <u>72.21</u>
Asb. Mngmt. Plnr.	\$ <u>34.75</u>	\$ <u>41.00</u>	\$ <u>75.75</u>
Asb. Designer	\$ <u>34.75</u>	\$ <u>41.00</u>	\$ <u>75.75</u>
Sr. Cost Estimator	\$ <u>34.50</u>	\$ <u>40.71</u>	\$ <u>75.21</u>
Clerical Support	\$ <u>17.50</u>	\$ <u>20.65</u>	\$ <u>38.15</u>

All employees proposed for work under this contract must be labeled with one of the above titles in the proposal under 5.01.

**5.05 UNIT PRICES FOR VARIOUS LABORATORY TESTING OF ACBM**

The Consultant will be compensated for owner directed laboratory testing services at the proposed Unit Prices listed below:

# Summarized Timesheet for the Period Ending 6/5/2020

Monday, June 8, 2020

9:39:40 AM

LIRo Group

Employee **LKZC2853 Zaroni, Christopher**

Signed \_\_\_\_\_

Approved \_\_\_\_\_

**Submitted**

Organization **LE-E-SY**

Project	Phase	Task	Total Hr	Sat 5/23	Sun 5/24	Mon 5/25	Tue 5/26	Wed 5/27	Thu 5/28	Fri 5/29	Sat 5/30	Sun 5/31	Mon 6/1	Tue 6/2	Wed 6/3	Thu 6/4	Fri 6/5
Holiday			8.00			8.00											
16-092-0113	003	001	2.00											2.00			
17-142-0113.01	024	CM	1.00														1.00
17-142-0113.01	053	CM	.50												.50		
17-142-0113.01	069	CM	1.00														1.00
17-142-0113.01	125	CM	.50														.50
17-142-0113.01	126	CM	.50														.50
17-142-0113.01	128	CM	1.00						1.00								
17-142-0113.01	150	CM	1.00												1.00		
18-251-0113	001	001	7.00				6.00	1.00									
19-017-0277.01	022	002	2.00	1.00	1.00												
19-017-0277.01	023	002	9.00				1.00	1.00	1.00	1.00			1.00	1.00	1.00	1.00	1.00
19-017-0277.01	024	002	5.00	1.00	1.00					2.00					1.00		
19-017-0277.03	007	002	8.50				1.00	1.00	1.00	.50			1.00	1.00	1.00	1.00	1.00
19-017-0277.04	005	002	3.00													1.00	2.00
19-038-0801	001	001	1.00														1.00
19-173-0094	151	SPM	1.00										1.00				
19-173-0094	152	SPM	1.00										.50	.50			
19-173-0094	154	SPM	.50													.50	
19-251-0816	001	001	1.50							1.00				.50			

# Summarized Timesheet for the Period Ending 6/5/2020

Monday, June 8, 2020  
9:39:40 AM

LiRo Group

Employee **LKZC2853**      **Zanoni, Christopher**

Project	Phase	Task	Total Hr	Sat 5/23	Sun 5/24	Mon 5/25	Tue 5/26	Wed 5/27	Thu 5/28	Fri 5/29	Sat 5/30	Sun 5/31	Mon 6/1	Tue 6/2	Wed 6/3	Thu 6/4	Fri 6/5
19-304-2331	001	001	1.00					.50							.50		
20-069-0277.01	001	001	1.50						1.00	.50							
20-135-1050	001	001	1.50										1.50				
20-140-0277	001	001	6.00					2.00		2.00						2.00	
P20-0292-2441	PROP		4.00										2.00	2.00			
<b>DAILY TOTALS</b>			<b>69.00</b>	<b>2.00</b>	<b>2.00</b>	<b>8.00</b>	<b>8.00</b>	<b>5.50</b>	<b>4.00</b>	<b>7.00</b>			<b>7.00</b>	<b>7.00</b>	<b>5.00</b>	<b>5.50</b>	<b>8.00</b>

# Summarized Timesheet for the Period Ending 6/5/2020

Monday, June 8, 2020  
4:40:07 PM

LiRo Group

Employee **LKMJ6610** **Morse, James**

Signed \_\_\_\_\_

Approved \_\_\_\_\_

**Posted**

Organization **LE-E-SY**

Project	Phase	Task	Total Hr	Sat 5/23	Sun 5/24	Mon 5/25	Tue 5/26	Wed 5/27	Thu 5/28	Fri 5/29	Sat 5/30	Sun 5/31	Mon 6/1	Tue 6/2	Wed 6/3	Thu 6/4	Fri 6/5
Admin			8.00			8.00											
Holiday			8.00			8.00											
13-104-0278.03	CA	ARCH	3.00													3.00	
15-079-0245	WO 4	05	1.00														1.00
17-155-0265	248	STAFF	10.00						6.00	2.00			2.00				
19-017-0277.01	024	002	25.00				10.00	8.00	3.00	4.00							
19-017-0277.03	001	004	15.00										7.00			4.00	4.00
19-038-0801	001	001	4.00														4.00
19-173-0094	085	DEPINV	-16.00		-16.00												
19-173-0094	086	DEPINV	16.00		16.00												
19-272-0295	WO-17	001	2.00	2.00													
20-069-0277.01	001	001	18.00								9.00		2.00		7.00		
P20-0292-2441	PROP		2.00												2.00		
<b>DAILY TOTALS</b>			<b>88.00</b>	<b>2.00</b>		<b>8.00</b>	<b>10.00</b>	<b>8.00</b>	<b>9.00</b>	<b>6.00</b>	<b>9.00</b>		<b>4.00</b>	<b>7.00</b>	<b>9.00</b>	<b>8.00</b>	<b>8.00</b>

# Summarized Timesheet for the Period Ending 5/22/2020

Friday, May 22, 2020  
3:44:53 PM

LiRo Group

Employee **LKSE1976** **Stratton, Eric**

Signed \_\_\_\_\_

Approved \_\_\_\_\_

**Submitted**

Organization **LE-E-SY**

Project Phase Task

15-079-0245 WO 14 03  
 15-079-0245 WO 17 03  
 15-079-0245 WO 19 03  
 15-079-0245 WO 20 03  
 15-079-0245 WO 27 03  
 15-079-0245 WO 5 03  
 15-079-0245 WO 5 05  
 15-106-0159 WELL 8 STAFF  
 19-017-0277.06 003 001  
 19-038-0801 001 001  
 19-173-0094 145 DOLINS  
 19-173-0094 146 DOLINS  
 20-116-0113 001 002

Total Hr	Sat 5/9	Sun 5/10	Mon 5/11	Tue 5/12	Wed 5/13	Thu 5/14	Fri 5/15	Sat 5/16	Sun 5/17	Mon 5/18	Tue 5/19	Wed 5/20	Thu 5/21	Fri 5/22
7.00			3.00	.50	.50	.50	.50			.50	.50	.50	.50	
2.00							2.00							
1.50							1.50							
1.00												1.00		
1.50							1.50							
4.00				2.50		.50	.50				.50			
16.00													8.00	8.00
4.50												4.50		
2.25				2.25										
6.00					4.00		2.00							
4.00											4.00			
4.00											4.00			
11.25				3.25						8.00				
Total Hr	Sat 5/9	Sun 5/10	Mon 5/11	Tue 5/12	Wed 5/13	Thu 5/14	Fri 5/15	Sat 5/16	Sun 5/17	Mon 5/18	Tue 5/19	Wed 5/20	Thu 5/21	Fri 5/22
65.00			3.00	8.50	4.50	1.00	8.00			8.50	9.00	6.00	8.50	8.00

**DAILY TOTALS**

# Detailed Timesheet for the Period Ending 2/28/2020

Friday, March 6, 2020

10:42:42 AM

LJRo Group

Employee **LKT13030 Torres, Ismael**

Signed 

Approved 

**Posted**

Organization **LE-E-SY**

	Total Hr	Sat 2/15	Sun 2/16	Mon 2/17	Tue 2/18	Wed 2/19	Thu 2/20	Fri 2/21	Sat 2/22	Sun 2/23	Mon 2/24	Tue 2/25	Wed 2/26	Thu 2/27	Fri 2/28
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Holiday	Holiday	Reg	8.00			8.00									
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14-086-0089  
43  
002

City of Yonkers Environmental Services  
Water Treatment Plant - Bulk Sampling  
Senior Asbestos Inspector

Client: City of Yonkers New York

Reg	2.00							2.00							
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16-018-0271  
101  
003

NYCDOS On-Call Services Reno & Rehab  
M4/4A/7 Indoor Air Quality and Ltd Mold  
REI (NYS DOL Mold Assessor)

Client: New York City Department of Sanitation

Reg	12.00										3.00	9.00			
Ovt	5.00											5.00			

2/25 Time on Site, Travel to Lab, Drop off Equipment at Office.

19-017-0277.01  
020  
004

HHC - Harlem Hosp Environmental Svcs  
Omnibus Proposal 028  
Inspector/ Investigator

Client: New York City Health & Hospitals Corporation

Reg	19.00				8.00	8.00		2.00							1.00
Ovt	2.00				1.00	1.00									

2/18 Time on site, Travel to lab & office

2/21 P Drive Data Entry

021  
002

MLK Building - Old ED Survey  
Investigator

Reg	2.00														2.00
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2/28 P Drive data entry, BSL Drawing

# Detailed Timesheet for the Period Ending 2/28/2020

Friday, March 6, 2020  
10:42:42 AM

LiRo Group

Employee	LKTI3030	Torres, Ismael	Client: New York City Health & Hospitals Corporation																				
19-017-0277.03	001	HHC - Bellevue Hosp Environmental Svcs	Client: New York City Health & Hospitals Corporation																				
	004	Omnibus - Env Survey & Abate Svcs Investigator/Inspector	Reg	16.00								8.00	3.00					4.00					1.00
		2/20 14 Fl Library & 5th Fl Rm 5N12-20 2/21 P Drive Data Entry for 14th fl Library & 5th Fl Rm 5N12-20 2/24 Rm IK-B23 & 17E25 Corridor																					
19-019-0282	146	NYSCSA-Asbestos Lead, Mold Hazard Consult X045-74954	Client: New York City School Construction Authority																				
	001	Staffing	Reg	1.00									1.00										
		2/21 Revise BSL Drawing																					
19-038-0801	001	YPS - Triennial Reinspection 2019 Triennial Reinspection	Client: Yonkers Public Schools																				
	001	Staffing	Reg	3.00																			3.00
		2/28 Travel to site, Time on site, Travel to lab	Reg	2.00																			2.00
		2/28 Swimming Pool Survey																					
19-233-0801	001	Yonkers PS-Saunders HS Eng/Env Design Saunders HS MEP Design	Client: Yonkers Public Schools																				
	001	Project Engineer	Reg	8.00														8.00					
			Ovt	5.00														5.00					
			Reg	4.00																		3.00	1.00
		2/27 P Drive Data Entry 2/28 Prep SIRT																					
20-013-0801	002	Yonkers PS-Middle School Eng/Env Environmental Design	Client: Yonkers Public Schools																				
	001	Project Engineer/Inspector	Reg	3.00																			3.00



# Detailed Timesheet for the Period Ending 2/28/2020

Friday, March 6, 2020

10:42:42 AM

LiRo Group

Employee **LKT13030** Torres, Ismael

**DAILY TOTALS**

	Total Hr	Sat 2/15	Sun 2/16	Mon 2/17	Tue 2/18	Wed 2/19	Thu 2/20	Fri 2/21	Sat 2/22	Sun 2/23	Mon 2/24	Tue 2/25	Wed 2/26	Thu 2/27	Fri 2/28
Reg	80.00			8.00	8.00	8.00	8.00	8.00			7.00	9.00	8.00	8.00	8.00
Ovt	12.00				1.00	1.00						5.00	5.00		



**LiRo Engineers, Inc.**

*A LiRo Group Company*

100 Duffy Avenue, Hicksville, New York 11801

Telephone 516.595.2900

Facsimile 516.681.0589

VIA EMAIL

June 9, 2020

Mr. Lee Pavone, P.E.  
Facilities Management Department  
Yonkers Public Schools  
One Larkin Center  
Yonkers, New York, 10701

RE: Limited Asbestos Survey  
Public School 23  
56 Van Cortlandt Park Avenue, Yonkers, New York

Dear Mr. Pavone:

Pursuant to the request of Yonkers Public Schools (YPS), LiRo Engineers, Inc. (LiRo) performed a limited asbestos inspection at Public School 23 on Friday, May 29, 2020 to collect material bulk samples from suspect radiator insulation assumed to be asbestos-containing materials (ACM) in Room 4 (see Functional Space 0109 in AHERA 2019). As indicated in the attached laboratory report, the radiator insulation board is confirmed to be ACM. The material was not observed to be damaged, however, it is a friable ACM and care shall be taken to not disturb this material during operation, repair, or maintenance activities.

Representative samples collected as part of this effort by certified Asbestos Inspector James Morse, were analyzed by Amerisci, New York using the Polarized Light Microscopy method. If you have any questions, or require further assistance, please feel free to contact our office. Thank you.

Sincerely,  
LiRo Engineers, Inc.

A handwritten signature in black ink, appearing to read 'Chris Zanoni'.

Christopher Zanoni  
Project Manager

Attachments



**NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER**



**Expires 12:01 AM April 01, 2022  
Issued April 01, 2020**

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**  
*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

**MR. PAUL J. MUCHA  
AMERICA SCIENCE TEAM NEW YORK, INC  
117 EAST 30TH ST  
NEW YORK, NY 10016**

**NY Lab Id No: 11480**

***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**

<b>Asbestos in Friable Material</b>	<b>Item 198.1 of Manual EPA 600/M4/82/020</b>
<b>Asbestos in Non-Friable Material-PLM</b>	<b>Item 198.6 of Manual (NOB by PLM)</b>
<b>Asbestos in Non-Friable Material-TEM</b>	<b>Item 198.4 of Manual</b>

**Serial No.: 61903**

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



May 15, 2020

Mr. Meijo Kolancherry  
Yonkers Public Schools  
1 Larkin Center  
Yonkers, New York 10704

RE: Limited Asbestos Inspection  
Yonkers Montessori Academy

Dear Mr. Kolancherry:

On May 12, 2020, LIRo Engineers Inc. (LIRo) performed a limited asbestos inspection within the Yonkers Montessori Academy Mark Twain Pool located at 160 Woodlawn Avenue. The asbestos inspection was performed by certified New York State Department of Labor Asbestos Inspector Mr. Eric Strumza (NYS DOL Inspector # 11-00992, Exp. 7/20). The scope and limits of the inspection were defined by Yonkers Public Schools (YPS).

Guidelines used for inspections of asbestos were established by NYS DOL ICR-56-5.1 and USEPA 40 CFR Part 763, AHERA. Field information was organized as per the AHERA concept of homogenous area (HA), that is, suspect Asbestos-Containing Materials (ACM) with similar age, appearance, and texture was grouped together, sampled and assessed for condition. The following suspect materials were sampled for analysis:

- **Mark Twain Pool – Interior Pool Walls and Pool Deck Walls:**
  - Guniting Swimming Pool Sidewall Material
  - Parging Material along the Pool Deck Walls

Analysis of the bulk samples performed by Amersci Laboratories indicate that **neither material contains asbestos.**

During the course of the inspection, we noted apparent patching at several locations across the bottom of the swimming pool. These patched areas constitute a separate homogenous material from the guniting sidewall material that was sampled and tested. YPS provided us with project specifications associated with the pool patching project (YPS Project #10482) that indicated all replacement products used during the course of that effort must be asbestos-free. Based upon this information, we believe that the patching material does not contain asbestos but YPS should verify this conclusion by reviewing construction phase records of the product data provided by the vendor used for that project.

If you have any questions or require additional information, please do not hesitate to contact our office at (516) 595-2900.

Sincerely,  
LIRo Engineers, Inc.

Christopher Zanoni  
Vice President

Attachment(s): Laboratory Sample Results, Sample Location Diagram, Licenses, Certifications and Photos



# EMSL Analytical, Inc.

528 Mineola Avenue Carle Place, NY 11514  
Tel/Fax: (516) 997-7251 / (516) 997-7528  
http://www.EMSL.com / carleplacelab@emsl.com

EMSL Order: 062007361  
Customer ID: LIRO50A  
Customer PO: 19-038-0801  
Project ID:

**Attention:** Eric Strumza  
Liro Engineers, Inc.  
100 Duffy Avenue  
Suite 402  
Hicksville, NY 11801  
**Project:** Yonkers Montessori Academy (Pool), Job #19-038-0801

**Phone:** (516) 595-2900  
**Fax:** (516) 937-5421  
**Received Date:** 05/13/2020 12:41 PM  
**Analysis Date:** 05/13/2020  
**Collected Date:** 05/13/2020

## Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non-Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID 1-1 062007361-0001		Description Homogeneity	Interior Pool - Walls - Gunitite Pool Materials Homogeneous		
PLM NYS 198.1 Friable	05/13/2020	White		60.00% Ca Carbonate 28.00% Non-fibrous (other) 12.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 1-2 062007361-0002		Description Homogeneity	Interior Pool - Walls - Gunitite Pool Materials Homogeneous		
PLM NYS 198.1 Friable	05/13/2020	White		70.00% Ca Carbonate 5.00% Mica 21.00% Non-fibrous (other) 4.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 1-3 062007361-0003		Description Homogeneity	Interior Pool - Walls - Gunitite Pool Materials Homogeneous		
PLM NYS 198.1 Friable	05/13/2020	White	3.00% Cellulose	68.00% Ca Carbonate 25.00% Non-fibrous (other) 4.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID 2-4 062007361-0004		Description Homogeneity	Pool Deck - Walls - Parging Wall Materials Heterogeneous		
PLM NYS 198.1 Friable	05/13/2020	Grey		30.00% Ca Carbonate 20.00% Matrix 10.00% Non-fibrous (other) 40.00% Quartz	None Detected
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

Initial report from: 05/14/2020 10:00:18



**EMSL Analytical, Inc.**

528 Mineola Avenue Carle Place, NY 11514  
Tel/Fax: (516) 897-7261 / (516) 897-7528  
http://www.EMSL.com / carleplacelab@emsl.com

**EMSL Order:** 062007361  
**Customer ID:** LIRO50A  
**Customer PO:** 19-038-0801  
**Project ID:**

**Test Report:Asbestos Analysis of Bulk Material**

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via NYS ELAP Approved Methods. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

**Report Comments:**

Sample Receipt Date: 5/13/2020  
Analysis Completed Date: 5/13/2020

Sample Receipt Time: 12:41 PM  
Analysis Completed Time: 4:36 PM

**Analyst(s):**

Jimmy Encalada PLM NYS 198.1 Friable (6)

**Samples reviewed and approved by:**

Daniel Clarke, Asbestos Laboratory Manager  
or Other Approved Signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material  
-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non-asbestos containing.  
All samples examined for the presence of vermiculite when analyzed via NYS 198.1.  
-NYS Guidelines for Vermiculite containing samples are available at [http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance\\_Rev070913.pdf](http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf) EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples were received in good condition unless otherwise noted.  
This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. This report may contain data that is not covered by the NVLAP accreditation.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY NYS ELAP 11469

Initial report from: 05/14/2020 10:00:18

NEW YORK STATE DEPARTMENT OF HEALTH  
WADSWORTH CENTER



Expires 12:01 AM April 01, 2022  
Issued April 01, 2020

**CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE**  
*Issued in accordance with and pursuant to section 502 Public Health Law of New York State*

**MR. PAUL J. MUCHA**  
**AMERICA SCIENCE TEAM NEW YORK, INC**  
**117 EAST 30TH ST**  
**NEW YORK, NY 10016**

**NY Lab Id No: 11480**

*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.: 61903**

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.



STATE OF NEW YORK - DEPARTMENT OF LABOR  
ASBESTOS CERTIFICATE



**ERIC STRUMZA**  
CLASS(EXPIRES)  
D INSP(07/20) | PD (07/20)

CERT# 11-00992  
[REDACTED]

**MUST BE CARRIED ON ASBESTOS PROJECTS**