

Request for Proposal #21-37333
Sportspark Renovation Multi-Phase
Project ADDENDUM #04

Attachment A

LIMITED ASBESTOS INSPECTION REPORT

Prepared For:

Laura Margolin
Cameron Engineering & Associates, LLP
177 Crossways Park Drive,
Woodbury, NY 11797

Inspection Location:

250 Main Street,
New York, NY 10024

SUBMITTED BY:**JLC Environmental Consultants, Inc.**

243 W. 30th Street, Suite 701
New York, NY 10001
Tel.: (212) 420-8119
Fax: (212) 420-6092
www.jlcenvironmental.com

Date of Report: June 4th, 2019

Project No.: 19-5545

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June 4th, 2019

Laura Margolin
Cameron Engineering & Associates, LLP
177 Crossways Park Drive,
Woodbury, NY 11797

Re: Asbestos Inspection at 250 Main Street, New York, NY 10024

Dear Laura Margolin:

JLC Environmental Consultants, Inc. (JLC) was authorized to proceed with an inspection to determine the presence of Asbestos Containing Materials (ACM) at the above referenced location.

1.0 Introduction

Asbestos inspections were conducted by NYC DEP Asbestos Investigator and NYS DOL Asbestos Inspector Claudia Morris on May 20th, 2019 of the selected areas. The inspection included accessible areas and materials only. Bulk samples of these materials were taken from the below mentioned locations and analyzed via Polarized Light Microscopy (**PLM**) and Transmission Electron Microscopy (**TEM**), where applicable. The inspections were conducted in compliance with all applicable laws, rules and regulations.

2.0 Sampling Locations and Building Materials Sampled

Location	Building Materials Sampled
Floor 1 & 2; Sportspark	Brick Mortar, Floor Concrete, 12x12 Floor Vinyl, Floor Mastic, 12x12 Vinyl Floor Tile, Floor Grout, Elbow Insulation, Door Caulk, Window Caulk, Muntin Caulk, Dry Ceiling, Perimeter Caulk, Rubber Floor Material, Floor Material

Please see Appendix A – Laboratory Reports for detailed locations and building materials sampled.



3.0 Asbestos Containing Materials (ACMs) Summary

The following materials/locations were found to contain Asbestos after inspection/laboratory analysis:

May 20th, 2019

Sample #	Homogeneous Sampling Area	Material & Color	Sample Location	Number of Bulk Samples Collected	Asbestos Detected?	Quantity (Approximately*)
023	I	Elbow Insulation, Gray	Floor 2/ Sportspark/ West Side H & V Room	3	Yes	60 SF
024						
025						
	N/A	Elbow Insulation	Floor 1/ Various Locations		Yes Assumed	90 SF

***The quantities provided here are estimates and contractors using this document for bidding purposes are suggested to field verify quantities.**

4.0 Conclusions and Recommendations

All ACM that will be impacted by any proposed renovation should be removed prior to the start of work. Section 56-5, Subpart 1(h) of the New York State Department of Labor Industrial Code Rule 56 Asbestos Regulations states that:

“If the building/structure asbestos survey finds that the portion of the building/structure to be demolished, renovated, remodeled, or have repair work contains ACM, PACM, suspect miscellaneous ACM assumed to be ACM, or asbestos material, which is impacted by the work, the owner or the owner’s agent shall conduct, or cause to have conducted, asbestos removal performed by a licensed asbestos abatement contractor in conformance with all standards set forth in this Part. All ACM, PACM, suspect miscellaneous ACM assumed to be ACM, or asbestos material impacted by the demolition, renovation, remodeling or repair project shall be removed as per this Part, prior to access or disturbance by other uncertified trades or personnel. No demolition, renovation, remodeling or repair work shall be commenced by any owner or the owner’s agent prior to the completion of the asbestos abatement in accordance with the notification requirements of this Part.”

Abatement activities must be conducted in compliance with all applicable regulations, standards and generally accepted environmental and safety practices including Federal OSHA (29 CFR 1926.58), EPA NESHAPS (40 CFR Part 61), and TSCA Title II AHERA/ASHARA (40 CFR Part 763) Asbestos Regulations and the New York State Department of Labor Industrial Code Rule 56.

JLC inspected and sampled materials as requested by the client. Any materials that have not been tested and/or found positive for asbestos must be assumed ACM.

5.0 Limitations

The Client recognizes that all surveying and testing methods have reliability limitations. No method or number of sampling locations can guarantee that a condition will be discovered within the performance of the services as authorized by the Client. Our recommendations and conclusions are based on our sampling of the selected areas only on May 20th, 2019.

Feel free to contact me with any questions at (212) 420-8119 or via email at kduer@jlcenvironmental.com.

Respectfully,
JLC Environmental Consultants, Inc.



Keith Duer
Senior Environmental Project Manager

APPENDIX A

LABORATORY REPORTS

JLC ENVIRONMENTAL CONSULTANTS, INC
 243 West 30th St. Suite 701 New York, NY 10001
 Phone: (212) 420-8119 - Fax: (212) 420-6092

Cameron Engineering & Associates, LLP
 177 Crossways Park Drive
 Woodbury, NY 11797

ELAP Lab Code: 11029

Project No: 19-5545
 Analyte: ASBESTOS
 Date Received: 5/20/2019
 Date Analyzed: 5/22/2019
 Batch#: 458184
 Analyst: RB

SUMMARY OF ANALYTICAL RESULTS- PLM

SITE: 250 Main Street New York, NY 10024

SAMPLE# COLLECTED LAB#	DESCRIPTION/ LOCATION	Friable/Non- Friable	color	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)
001 5/20/2019 458184-1	Brick Mortar Floor 1/ Sportspark/ Lobby Lower West	F	Dark Gray	No		Non-Fibrous Material 100%
002 5/20/2019 458184-2	Brick Mortar Floor 1/ Sportspark/ East Side Gymnastic Room Door	F	Dark Gray	No		Non-Fibrous Material 100%
003 5/20/2019 458184-3	Brick Mortar Floor 1/ Sportspark/ East Side Squash Court	F	Dark Gray	No		Non-Fibrous Material 100%
004 5/20/2019 458184-4	Brick Mortar Floor 1/ Sportspark/ East Side Lifeguard Stand	F	Dark Gray	No		Non-Fibrous Material 100%
005 5/20/2019 458184-5	Brick Mortar Floor 1/ Sportspark/ West Side Corridor	F	Dark Gray	No		Non-Fibrous Material 100%
006 5/20/2019 458184-6	Brick Mortar Floor 2/ Sportspark/ H & V Room	F	Dark Gray	No		Non-Fibrous Material 100%
007 5/20/2019 458184-7	Floor Concrete Floor 1/ Sportspark/ External Basketball Court	F	Dark Gray	No		Non-Fibrous Material 100%
008 5/20/2019 458184-8	Brick Mortar Floor 1/ Sportspark/ External Basketball Court	F	Dark Gray	No		Non-Fibrous Material 100%
009 5/20/2019 458184-9	Brick Mortar Floor 1/ Sportspark/ External Basketball Court	F	Dark Gray	No		Non-Fibrous Material 100%
010 5/20/2019 458184-10	12X12 Vinyl Floor Tile Floor 1/ Sportspark/ Conference Room ** NOTE: Recommend TEM	NF	Blue	No	Inconclusive	
011 5/20/2019 458184-11	12X12 Vinyl Floor Tile Floor 1/ Sportspark/ Manager Office ** NOTE: Recommend TEM	NF	Blue	No	Inconclusive	
012 5/20/2019 458184-12	Floor Mastic Floor 1/ Sportspark/ Conference Room ** NOTE: Recommend TEM	NF	Black	No	Inconclusive	
013 5/20/2019 458184-13	Floor Mastic Floor 1/ Sportspark/ Manager Office ** NOTE: Recommend TEM	NF	Black	No	Inconclusive	
014 5/20/2019 458184-14	12X12 Vinyl Floor Tile Floor 1/ Sportspark/ Hallway by Steam Equipment ** NOTE: Recommend TEM	NF	White	No	Inconclusive	
015 5/20/2019 458184-15	12X12 Vinyl Floor Tile Floor 1/ Sportspark/ Hallway by Steam Equipment ** NOTE: Recommend TEM	NF	White	No	Inconclusive	
016 5/20/2019 458184-16	12X12 Vinyl Floor Tile Floor 1/ Sportspark/ Hallway by Steam Equipment ** NOTE: Recommend TEM	NF	Black	No	Inconclusive	
017 5/20/2019 458184-17	12X12 Vinyl Floor Tile Floor 1/ Sportspark/ Hallway by Steam Equipment ** NOTE: Recommend TEM	NF	Black	No	Inconclusive	
018 5/20/2019 458184-18	Floor Mastic Floor 1/ Sportspark/ Hallway by Steam Equipment ** NOTE: Recommend TEM	NF	Black	No	Inconclusive	
019 5/20/2019 458184-19	Floor Mastic Floor 1/ Sportspark/ Hallway by Steam Equipment ** NOTE: Recommend TEM	NF	Black	No	Inconclusive	
020 5/20/2019 458184-20	Floor Grout Floor 1/ Sportspark/ West Side Men's Restroom	F	Gray	No		Non-Fibrous Material 100%
021 5/20/2019 458184-21	Floor Grout Floor 1/ Sportspark/ West Side Boys Lockers	F	Gray	No		Non-Fibrous Material 100%
022 5/20/2019 458184-22	Floor Grout Floor 1/ Sportspark/ East Side Pool Area	F	Gray	No		Non-Fibrous Material 100%

Approved Signatory
 Report Date: May 22, 2019

JLC ENVIRONMENTAL CONSULTANTS, INC
 243 West 30th St. Suite 701 New York, NY 10001
 Phone: (212) 420-8119 - Fax: (212) 420-6092

Cameron Engineering & Associates, LLP
 177 Crossways Park Drive
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SUMMARY OF ANALYTICAL RESULTS- PLM

SITE: 250 Main Street New York, NY 10024

SAMPLE# COLLECTED LAB#	DESCRIPTION/ LOCATION	Friable/Non- Friable	Color	Asbestos Detected?	Asbestos Constituents (%)	Non-Asbestos Constituents (%)
023 5/20/2019 458184-23	Elbow Insulation Floor 2/ Sportspark/ West Side H & V Room	F	Gray	Yes	Chrysotile 66.6%	cellulose Fiber Non-Fibrous Material Trace 33.4%
024 5/20/2019 458184-24	Elbow Insulation Floor 2/ Sportspark/ West Side H & V Room *** Not Analyzed Positive Stop	F				
025 5/20/2019 458184-25	Elbow Insulation Floor 2/ Sportspark/ West Side H & V Room *** Not Analyzed Positive Stop	F				
026 5/20/2019 458184-26	Door Caulk Floor 1/ Sportspark/ West Side Main Entrance ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
027 5/20/2019 458184-27	Door Caulk Floor 1/ Sportspark/ East Side South Side ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
028 5/20/2019 458184-28	Window Caulk Floor 1/ Sportspark/ Exterior Façade/ South Side ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
029 5/20/2019 458184-29	Window Caulk Floor 1/ Sportspark/ Exterior Façade/ East Side ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
030 5/20/2019 458184-30	Muntin Caulk Floor 1/ Sportspark/ skylight by Pool Area ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
031 5/20/2019 458184-31	Muntin Caulk Floor 1/ Sportspark/ West Side Main Entrance ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
032 5/20/2019 458184-32	Dry Ceiling Floor 1/ Sportspark/ West Side Equipment Sto.	F	Gray	No		Non-Fibrous Material 100%
033 5/20/2019 458184-33	Dry Ceiling Floor 1/ Sportspark/ West Side Community office	F	Gray	No		Non-Fibrous Material 100%
034 5/20/2019 458184-34	Perimeter Caulk Floor 1/ Sportspark/ East Side Corridor #5 ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
035 5/20/2019 458184-35	Perimeter Caulk Floor 1/ Sportspark/ Exterior Façade South Elevation ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
036 5/20/2019 458184-36	Rubber Floor Material Floor 1/ Sportspark/ East Side Gymnastic Room Door ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
037 5/20/2019 458184-37	Rubber Floor Material Floor 1/ Sportspark/ East Side Gymnastic Room Door ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
038 5/20/2019 458184-38	Floor Material Floor 1/ Sportspark/ West Side Gym Door ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	
039 5/20/2019 458184-39	Floor Material Floor 1/ Sportspark/ West Side Gym ** NOTE: Recommend TEM	NF	Gray	No	Inconclusive	

*Insufficient material submitted

** Recommend TEM

***Not Analyzed Positive Stop

**** A report shall not be produced except in full without the written approval of the laboratory.
 Symbol Key: F = Friable, NF = Non-Friable

Sample Analysis by:
 Polarized Light Microscopy-Dispersion Staining (PLM-DS)

Method of Sample Preparation and Analysis:
 All friable samples were prepared and analyzed in accordance with ELAP 198.1
 All non-friable samples were prepared and analyzed in accordance with ELAP 198.6

Instrumentation:
 Olympus PLM, Model BH-2/VM stereomicroscope Model VM2 1x-4x.

Analytical results reflect the make up of the materials only in the areas sampled. This "Summary of Analytical Results" shall not be reproduced except in full, without the written approval of JLC Laboratory, and it must not be used by client to claim product endorsement by NPLAP or any agency of the U.S. Government. This method is not applicable to samples containing large amounts of fine fibers below the resolution of the light microscope. The value of this method is limited to the quantitative identification of asbestos and the semi-quantitative determination of asbestos content of bulk samples, expressed as a percentage of the projected area. Quantitation of asbestos content was determined with a visual volume estimate, a calibrated visual area estimate, and/or point counting procedure. CAUTION: other fibers with optical properties similar to asbestos may give positive interferences and will be considered asbestos under this methodology. Also, PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. 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. and will be considered asbestos under this methodology. Also, PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. 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.


 Approved Signatory
 Report Date: May 22, 2019



Asbestos Analytical Lab

Page 1 of 4

51 Gage Road
East Brunswick, NJ 08816
Tel. 917-607-7759
Fax: 800-718-3687

Client: JLC Environmental Consulting
243 West 30th Street
New York, NY 10010
Phone: (212) 420-8119
Project: 0458184
Location: 250 Main Street

Date Received: 5/22/19 14:00
Date Analyzed: 5/23/19 6:00
AAL Batch #: T19-05073
Total Samples: 22
Report Date: 5/23/19

Asbestos Bulk Analysis Result by Transmission Electron Microcopy (TEM) Method ELAP 198.4

Sample No	HG Area	Insoluble Non Asbestos Inorganic %	Asb % By PLM	Asbestos Type(s) By PLM	Asb % By TEM	Asbestos Type(s) By TEM	Total Asb % By TEM	Comments
10 T19-05073-1		49.1			0	None Detected	NAD	
11 T19-05073-2		51.9			0	None Detected	NAD	
12 T19-05073-3		17.3			0	None Detected	NAD	
13 T19-05073-4		6.7			0	None Detected	NAD	
14 T19-05073-5		5.0			0	None Detected	NAD	
15 T19-05073-6		47.5			0	None Detected	NAD	
16 T19-05073-7		58.5			0	None Detected	NAD	

See Reporting notes on last page



Asbestos Analytical Lab

Page 2 of 4

51 Gage Road
East Brunswick, NJ 08816
Tel. 917-607-7759
Fax: 800-718-3597

Asbestos Bulk Analysis Result by Transmission Electron Microcopy (TEM) Method ELAP 198.4

Sample No	HQ Area	Insoluble Non Asbestos Inorganic %	Asb % By PLM	Asbestos Type(s) By PLM	Asb % By TEM	Asbestos Type(s) By TEM	Total Asb % By TEM	Comments
17 T19-05073-8		59.5			0	None Detected	NAD	
18 T19-05073-9		13.4			0	None Detected	NAD	
19 T19-05073-10		5.1			0	None Detected	NAD	
26 T19-05073-11		17.6			0	None Detected	NAD	
27 T19-05073-12		5.1			0	None Detected	NAD	
28 T19-05073-13		30.8			0	None Detected	NAD	
29 T19-05073-14		14.9			0	None Detected	NAD	
30 T19-05073-15		84.1			0	None Detected	NAD	
31 T19-05073-16		47.4			0	None Detected	NAD	

See Reporting notes on last page



Asbestos Analytical Lab

Page 3 of 4

51 Gage Road
East Brunswick, NJ 08816
Tel. 917-607-7759
Fax: 800-718-3597

Asbestos Bulk Analysis Result by Transmission Electron Microcopy (TEM) Method ELAP 198.4

Sample No	HG Area	Insoluble Non Asbestos Inorganic %	Asb % By PLM	Asbestos Type(s) By PLM	Asb % By TEM	Asbestos Type(s) By TEM	Total Asb % By TEM	Comments
34 T19-05073-17		7.1			0	None Detected	NAD	
35 T19-05073-18		30.8			0	None Detected	NAD	
36 T19-05073-19		0.6			0	None Detected	NAD	
37 T19-05073-20		0.7			0	None Detected	NAD	
38 T19-05073-21		2			0	None Detected	NAD	
39 T19-05073-22		2.3			0	None Detected	NAD	

See Reporting notes on last page

51 Gage Road
East Brunswick, NJ 08816
Tel. 917-607-7759
Fax: 800-718-3597

**Asbestos Bulk Analysis Result by Transmission Electron Microcopy (TEM)
Method ELAP 198.4**

Sample No	HG Area	Insoluble Non Asbestos Inorganic %	Asb % By PLM	Asbestos Type(s) By PLM	Asb % By TEM	Asbestos Type(s) By TEM	Total Asb % By TEM	Comments
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Batch # T19-05073

Notes:

1) Disclaimer: The laboratory is not responsible for sample collection. The laboratory is not responsible for any procedures not performed by the laboratory. This report cannot be reproduced without written approval by Asbestos Analytical Lab. This report may not be used to claim product endorsement by NVLAP, ELAP, or any other agency of the U.S. Government. This report relates only to the samples reported above.

2) Accredited by ELAP# 11938

3) Confidentiality Notice: The document(s) contained herein are confidential and privileged information, intended for the exclusive use of the individual or entity named above

4) Liability Notice:

Asbestos Analytical Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples. This report relates only to samples submitted and analyzed.

5) Unless otherwise indicated, no blank corrections were performed. Asbestos Analytical Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples.

6) The data within this report is reliable to 2 significant figures.

7) The condition of all samples was acceptable upon receipt.

8) Unless otherwise indicated, all QC results were in control.

9) The laboratory certifies that the test results meet all requirements of NELAP.

10) Supplement to test report batch # _____, Amendments: _____ Amendment Dates: _____ Amended by: _____

11) Asbestos Analytical Lab certifies that this report is an accurate and authentic report of results obtained from the laboratory analysis.

12) The uncertainty for these test results is available upon request.

13) Gravimetric reduction was done by client

Analyzed By: _____

Roman Peysakhov

Approved by
Quality Manager _____

Roman Peysakhov

ASBESTOS FIELD SURVEY DATA SHEET/ CHAIN OF CUSTODY

PAGE _____ OF _____

JLC PROJECT No: 19-5545

CLIENT: Cameron Engineering & Associates, LLP

PROJECT SITE: 250 Main Street, New York, NY 10024

Technician: Claudia Morris

Property Owner: _____

Start Time: _____

End Time: _____

Date of Inspection: 5/20/2019

0458184

FUNCTIONAL SPACE		Sample No.	ID	Material Description	Color	Quantity (LF/SF)	Assessment		Asbestos Content %
Floor	Area Description						COND	FRIAB	
1 st floor	Sportspark / Lobby Lounge west	0001	A	Brick-Mortar		600SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / East side Gymnasium	0002	A	Brick-Mortar		400SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / East side Squash court	0003	A	Brick-Mortar		600SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / East side Lifeguard stand	0004	A	Brick-Mortar		300SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / West side Corridor	0005	A	Brick-Mortar		500SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
2 nd floor	Sportspark / H & V Room.	0006	A	Brick-Mortar		900SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / External Basketball court	0007	B	Floor-Concrete.		800SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / External Basketball court	0008	B	Floor-Concrete.		800SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / External Basketball court	0009	B	Floor-Concrete.		800SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / Conference Room.	0010	C	12x12 Vinyl Floor Tile	Blue	450SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:

- Physical Condition Assessment**
- 1 Damaged or Significantly Damaged Friable TSI
 - 2 Damaged Friable Surfacing ACM
 - 3 Significantly Damaged Friable Surfacing ACM
 - 4 Damaged or Significantly Damaged Friable Misc. ACM
 - 5 ACBM with potential for Damage
 - 6 ACBM with potential for Significant Damage
 - 7 Remaining Friable or Suspect ACBM

G - Good / MD - Minor Damage
P - Poor

FIELD NOTES:

FRIABLE

A- Assumed (Not Sampled)

PLM - POLARIZED LIGHT MICROSCOPY

TEM - TRANSMISSION ELECTRON MICROSCOPY

CHAIN OF CUSTODY

Type of Analysis: PLM / PLM-NOB / TEM / TEM-NOB

Turnaround Time: 24 hrs 48 hrs 72 hrs

Relinquished by:

(print)

Received by:

(print)

Relinquished by:

(print)

Analyzed by:

(print)

Relinquished by:

(print)

Received by:

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1/19

1/19

1/19

1/19

CERTIFICATE NO.: 12-10424

INSPECTOR: Claudia Morris

TELEPHONE NO.: (212) 420-8119 FAX NO.: (212) 420-6092

ADDRESS: JLC Environmental Consultants, Inc.

243 W. 30th St., New York, NY 10001

=====

TASKS COMPLETED:

1. A visual determination of accessible suspect materials and condition.
2. Collect bulk samples of suspect building materials.
3. A physical "Hand Pressure" test for determining friability and condition.
4. Assessment of suspect friable and non-friable materials and locations.
5. Quantify the amount of suspect materials in their respective locations.
6. Submit bulk samples for analysis by PLM and/or TEM Method.
7. Bulk Sample locations and suspect materials were identified on the appropriate building floor plan diagram with the sample number (optional).
8. A Chain of Custody record accompanied the samples to the laboratory.

ASBESTOS FIELD SURVEY DATA SHEET/ CHAIN OF CUSTODY

PAGE ____ OF ____

JLC PROJECT No: 19-5545
CLIENT: Cameron Engineering & Associates, LLP
PROJECT SITE: 250 Main Street, New York, NY 10024
Technician: Claudia Morris

Property Owner: _____
Start Time: _____ **End Time:** _____
Date of Inspection: 5/20/2019

0458184

FUNCTIONAL SPACE		Sample No.				Quantity (LF/SF)	Assessment		Asbestos Content %
Floor	Area Description		ID	Material Description	Color		COND	FRIAB	
1 st floor	Sportspark Manager. Office.	011	C	12x12 Vinyl Floor Tile	Blue	450SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Conference Room	012	d	Floor-Mastic		450SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Manager Office	013	d	Floor-Mastic		450SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Hallway by Steam Equip	014	E	12x12 Vinyl Floor Tile.	White	90SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Hallway by Steam Equipm	015	E	12x12 Vinyl Floor Tile.	White	90SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Hallway by Steam Equipm	016	F	12x12 Vinyl Floor Tile.	Black	90SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Hallway by Steam Equipment	017	F	12x12 Vinyl Floor Tile.	Black	90SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Hallway by Steam Equipment	018	E	Floor-Mastic		90SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark Hallway by Steam Equipment	019	E	Floor-Mastic		90SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark West Side Men's Restrm.	020	H	Floor-Grout		140SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:

Physical Condition Assessment 1 Damaged or Significantly Damaged Friable TSI 2 Damaged Friable Surfacing ACM 3 Significantly Damaged Friable Surfacing ACM 4 Damaged or Significantly Damaged Friable Misc. ACM 5 ACBM with potential for Damage 6 ACBM with potential for Significant Damage 7 Remaining Friable or Suspect ACBM G – Good / MD – Minor Damage P – Poor		FRIABLE Yes (Y) No (N)	A- Assumed (Not Sampled) PLM – POLARIZED LIGHT MICROSCOPY TEM – TRANSMISSION ELECTRON MICROSCOPY	CHAIN OF CUSTODY		CERTIFICATE NO.: 12-10424	
			Type of Analysis: PLM / PCM-NOB / TEM / TEM-NOB Turnaround Time: 24 hrs 48 hrs 72 hrs		INSPECTOR: Claudia Morris		
			Received by: (print) <i>Claudia Morris</i> (Sign) <i>Claudia Morris</i>	DATE 5/20/19	TIME AM/PM	TELEPHONE NO.: (212) 420-8119 FAX NO.: (212) 420-6092 ADDRESS: JLC Environmental Consultants, Inc. 243 W. 30th St., New York, NY 10001	
			Relinquished by: (print) <i>[Signature]</i> (Sign) <i>[Signature]</i>	DATE 5/21/19	TIME 6:30 AM/PM	TASKS COMPLETED: 1. A visual determination of accessible suspect materials and condition. 2. Collect bulk samples of suspect building materials. 3. A physical "Hand Pressure" test for determining friability and condition. 4. Assessment of suspect friable and non-friable materials and locations. 5. Quantify the amount of suspect materials in their respective locations. 6. Submit bulk samples for analysis by PLM and/or TEM Method. 7. Bulk Sample locations and suspect materials were identified on the appropriate building floor plan diagram with the sample number (optional). 8. A Chain of Custody record accompanied the samples to the laboratory.	
			Analyzed by: (print) <i>[Signature]</i> (Sign) <i>[Signature]</i>	DATE 5/22/19	TIME 1:00 PM AM/PM		
			Relinquished by: (print) <i>[Signature]</i> (Sign) <i>[Signature]</i>	DATE 1/19	TIME AM/PM		
			Received by: (print) <i>[Signature]</i> (Sign) <i>[Signature]</i>	DATE 1/19	TIME AM/PM		

FIELD NOTES:

ASBESTOS FIELD SURVEY DATA SHEET/ CHAIN OF CUSTODY

PAGE _____ OF _____

JLC PROJECT No: 19-5545
CLIENT: Cameron Engineering & Associates, LLP
PROJECT SITE: 250 Main Street, New York, NY 10024
Technician: Claudia Morris

Property Owner: _____
Start Time: _____ **End Time:** _____
Date of Inspection: 5/20/2019

0758184

FUNCTIONAL SPACE		Sample No.	ID	Material Description	Color	Quantity (LF/SF)	Assessment		Asbestos Content %
Floor	Area Description						COND	FRIAB	
1 st floor	Sportspark / West side Boys Lockers	021	H	Floor - Grout		500SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / East side Pool Area	022	H	Floor - Grout		600SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
2 nd floor	Sportspark / West side H&V Room	023	I	Elbow Insulation		60SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
2 nd floor	Sportspark / West side H&V Room	024	I	Elbow Insulation		60SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
2 nd floor	Sportspark / West side H&V Room	025	I	Elbow Insulation		60SF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / West side Main Entrance	026	J	Door Caulk		30LF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / East side South side	027	J	Door Caulk		20LF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / Exterior Facade / South	028	K	Window Caulk		120LF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / Exterior Facade East side	029	K	Window Caulk		60LF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
1 st floor	Sportspark / Skylight by Pool Area	030	L	Muntin Caulk		90LF	1, 2, 3, 4, 5, 6, 7 G/MD/P	F NF	PLM: TEM:
Physical Condition Assessment		FRIABLE		A- Assumed (Not Sampled)		PLM - POLARIZED LIGHT MICROSCOPY		CERTIFICATE NO.: 12-10424	
1 Damaged or Significantly Damaged Friable TSI 2 Damaged Friable Surfacing ACM 3 Significantly Damaged Friable Surfacing ACM 4 Damaged or Significantly Damaged Friable Misc. ACM 5 ACBM with potential for Damage 6 ACBM with potential for Significant Damage 7 Remaining Friable or Suspect ACBM G - Good / MD - Minor Damage P - Poor		Yes (Y) No (N)		CHAIN OF CUSTODY Type of Analysis: PLM / PLM-NOB / TEM / TEM-NOB Turnaround Time: 24 hrs 48 hrs 72 hrs Relinquished by: Claudia Morris (Sign) _____ DATE 5/20/19 TIME AM/PM Received by: (print) _____ (Sign) _____ DATE 5/21/19 TIME 6:30 AM/PM Relinquished by: (print) _____ (Sign) _____ DATE 1/19 TIME AM/PM Analyzed by: (print) R. B. (Sign) R. B. (Sign) 5/22/19 TIME AM/PM Relinquished by: (print) _____ (Sign) _____ DATE 1/19 TIME AM/PM Received by: (print) _____ (Sign) _____ DATE 1/19 TIME AM/PM		INSPECTOR: Claudia Morris TELEPHONE NO.: (212) 420-8119 FAX NO.: (212) 420-6092 ADDRESS: JLC Environmental Consultants, Inc. 243 W. 30th St., New York, NY 10001 ===== TASKS COMPLETED: 1. A visual determination of accessible suspect materials and condition. 2. Collect bulk samples of suspect building materials. 3. A physical "Hand Pressure" test for determining friability and condition. 4. Assessment of suspect friable and non-friable materials and locations. 5. Quantify the amount of suspect materials in their respective locations. 6. Submit bulk samples for analysis by PLM and/or TEM Method. 7. Bulk Sample locations and suspect materials were identified on the appropriate building floor plan diagram with the sample number (optional). 8. A Chain of Custody record accompanied the samples to the laboratory.			
FIELD NOTES:									

ASBESTOS FIELD SURVEY DATA SHEET/ CHAIN OF CUSTODY

PAGE _____ OF _____

JLC PROJECT No: 19-5545
CLIENT: Cameron Engineering & Associates, LLP
PROJECT SITE: 250 Main Street, New York, NY 10024
Technician: Claudia Morris

Property Owner: _____
Start Time: _____ **End Time:** _____
Date of Inspection: 5/20/2019

0708184

FUNCTIONAL SPACE		Sample No.			Quantity (LF/SF)	Assessment		Asbestos Content %
Floor	Area Description		ID	Material Description	Color	COND	FRIAB	
1st floor	Sportspark / Skylight by Pool Area	031	L	Muntin Caulk.		90 LF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Westside Equipment sto	032	M	Dry Ceiling		90 SF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Westside Community gr	033	M	Dry Ceiling		250 SF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Eastside Corridor (5)	034	N	Perimeter Caulk		20 LF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Exterior Facade South side	035	N	Perimeter Caulk.		40 LF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Eastside Gymnastic Rm D.	036	O	Rubber Floor Material		400 SF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Eastside Gymnastic Rm D.	037	O	Rubber Floor - Material		400 SF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Westside Gym D.	038	P	Floor - Material		400 SF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
1st floor	Sportspark / Westside Gym.	039	P	Floor - Material		400 SF	1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:
							1, 2, 3, 4, 5, 6, 7 G/MD/P F NF	PLM: TEM:

Physical Condition Assessment		FRIABLE	A- Assumed (Not Sampled)	PLM - POLARIZED LIGHT MICROSCOPY TEM - TRANSMISSION ELECTRON MICROSCOPY		CERTIFICATE NO.: 12-10424	
1 Damaged or Significantly Damaged Friable TSI 2 Damaged Friable Surfacing ACM 3 Significantly Damaged Friable Surfacing ACM 4 Damaged or Significantly Damaged Friable Misc. ACM 5 ACBM with potential for Damage 6 ACBM with potential for Significant Damage 7 Remaining Friable or Suspect ACBM		Yes (Y) No (N)	CHAIN OF CUSTODY Type of Analysis: PLM / PLM-NOB / TEM / TEM-NOB Turnaround Time: 24 hrs 48 hrs 72 hrs Relinquished by: <u>Claudia Morris</u> (Sign) <u>5/20/19</u> AM/PM			INSPECTOR: Claudia Morris TELEPHONE NO.: (212) 420-8119 FAX NO.: (212) 420-6092 ADDRESS: JLC Environmental Consultants, Inc. 243 W. 30th St., New York, NY 10001	
G - Good / MD - Minor Damage P - Poor			Received by: <u>[Signature]</u> (Sign) <u>5/20/19</u> AM/PM			TASKS COMPLETED: 1. A visual determination of accessible suspect materials and condition. 2. Collect bulk samples of suspect building materials. 3. A physical "Hand Pressure" test for determining friability and condition. 4. Assessment of suspect friable and non-friable materials and locations. 5. Quantify the amount of suspect materials in their respective locations. 6. Submit bulk samples for analysis by PLM and/or TEM Method. 7. Bulk Sample locations and suspect materials were identified on the appropriate building floor plan diagram with the sample number (optional). 8. A Chain of Custody record accompanied the samples to the laboratory.	
			Relinquished by: <u>[Signature]</u> (Sign) <u>1 / 19</u> AM/PM				
			Analyzed by: <u>[Signature]</u> (Sign) <u>5-22-19</u> AM/PM				
			Relinquished by: <u>[Signature]</u> (Sign) <u>1 / 19</u> AM/PM				
			Received by: <u>[Signature]</u> (Sign) <u>1 / 19</u> AM/PM				

FIELD NOTES:

APPENDIX B

DRAWINGS WITH SAMPLE LOCATIONS

JLC Environmental Consultants, Inc

Sample Location Diagram

Proj. No. 19-5545.

Development

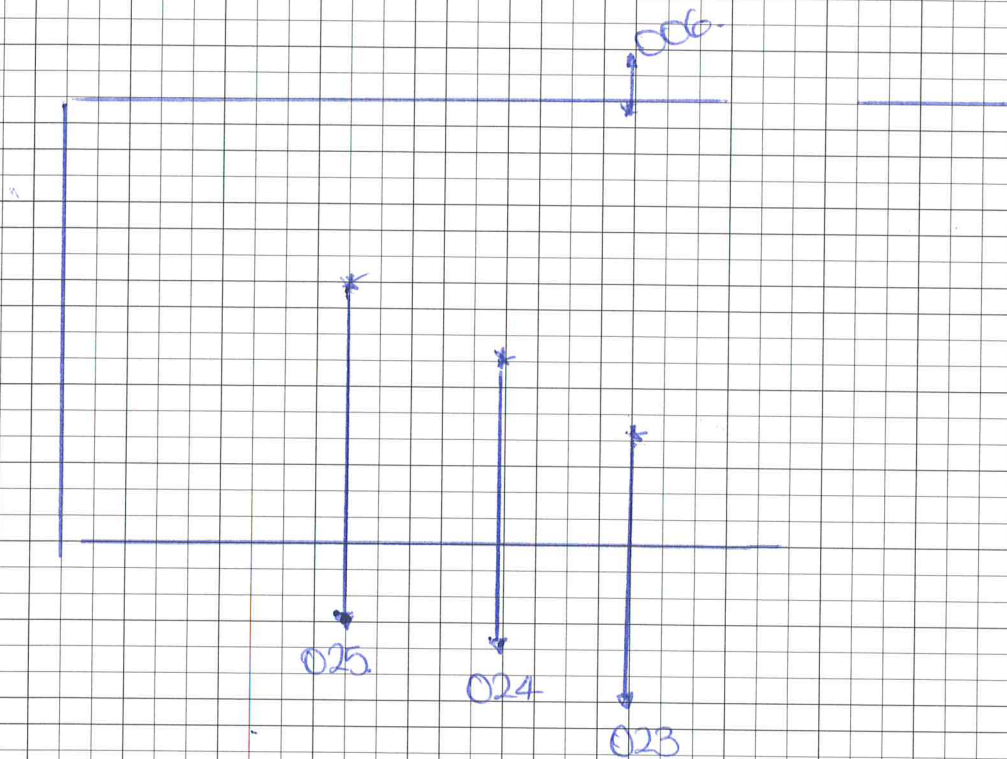
Bldg 250 Main Street.

Add. 2nd floor.

Drawn By Claudia Makers

Date 05/20/19.

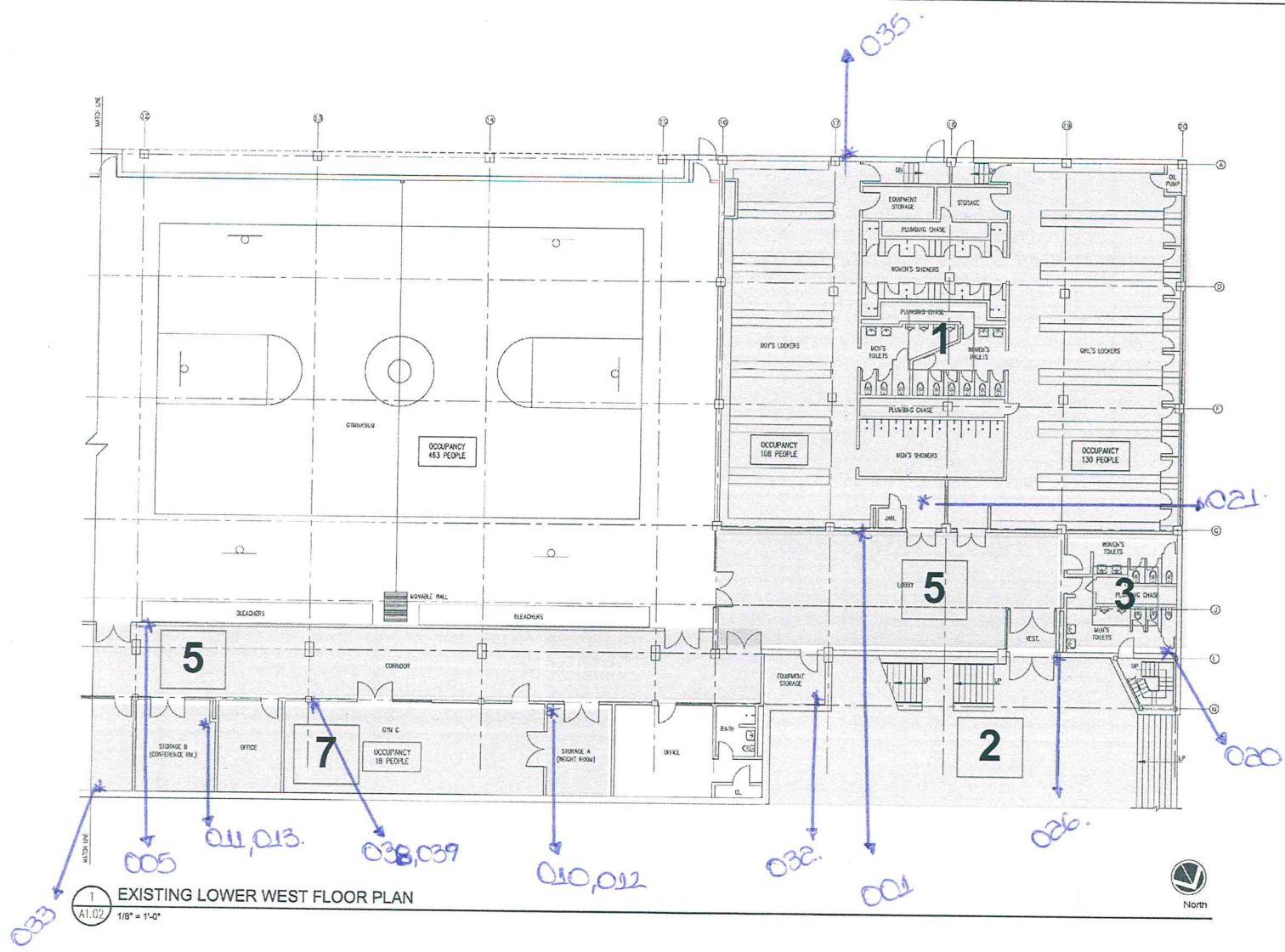
Page of



DRAWING NOT TO SCALE

EXISTING CONDITIONS PLANS
ROOSEVELT ISLAND SPORTS PARK
ROOSEVELT ISLAND, NEW YORK

REVISIONS	DATE	BY	REASON
1	08/17/16	ML	ISSUED TO NOC
Surveyed			
Drawn			
Checked			
Approved			
Scale	AS NOTED		
PROJECT NO.	1031740		
DATE	10/24/2016		
CAD FILE	0210021740		
FILED	Blank		
TITLE	EXISTING LOWER WEST FLOOR PLAN		
Sheet No.	3		7
A1.02			



APPENDIX C

PHOTOS



View of 1st Floor/ Sportspark Lobby Lower West (Brick-Mortar)



View of 1st Floor/ Sportspark External Basketball Court (FloorConcrete)



View of 1st Floor/ Sportspark Manager Office (12x12 Vinyl Floor Tile & Floor Mastic)



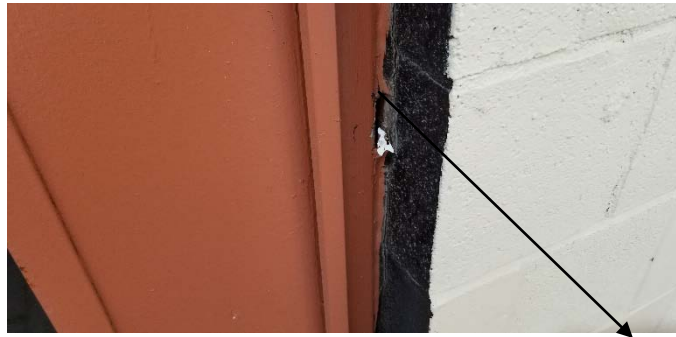
View of 1st Floor/Sportspark Hallway by Steam Equipment (12x12 V.F.T Black/White & Floor Mastic)



View of 1st Floor/ Sportspark West Side Men's Restroom (Floor Grout)



View of 2nd Floor/ Sportspark West Side H7V Room (Elbow Insulation)



View of 1st Floor/ Sportspark West Side Main Entrance (Door Caulk)



View of 1st Floor/ Sportspark Exterior Façade South Side (Window Caulk)



View of 1st Floor/ Sportspark Skylight by Pool Area (Muntin Caulk)



View of 1st Floor/ Sportspark West Side Equipment Storage (Dry Ceiling)



View of 1st Floor/ Sportspark East Side Corridor (5) (Perimeter Caulk)

APPENDIX D

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

JLC Environmental Consultants, Inc.
Suite 701
243 West 30th Street
New York, NY 10001

FILE NUMBER: 99-0238
LICENSE NUMBER: 28617
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 05/30/2018
EXPIRATION DATE: 06/30/2019

Duly Authorized Representative – Jennifer L Carey:

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

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

MS. JENNIFER CAREY
JLC ENVIRONMENTAL CONSULTANTS INC
243 W. 30TH STREET SUITE 701
NEW YORK, NY 10001

NY Lab Id No: 11029

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

Fibers

NIOSH 7400 A RULES



Department
of Health

Serial No.: 59528

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

MS. JENNIFER CAREY
JLC ENVIRONMENTAL CONSULTANTS INC
243 W. 30TH STREET SUITE 701
NEW YORK, NY 10001

NY Lab Id No: 11029

*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)



Department
of Health

Serial No.: 59527

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

MS. YELENA PEYSAKHOVA
ASBESTOS ANALYTICAL LAB
51 GAGE RD.
EAST BRUNSWICK, NJ 08816

NY Lab Id No: 11938

*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
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.: 59911

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

MS. YELENA PEYSAKHOVA
ASBESTOS ANALYTICAL LAB
51 GAGE RD.
EAST BRUNSWICK, NJ 08816

NY Lab Id No: 11938

*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 NIOSH 7402
Fibers	NIOSH 7400 A RULES

Serial No.: 59912

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.

NYC DEP ASBESTOS CONTROL PROGRAM
ASBESTOS CERTIFICATE



MORRIS,
CLAUDIA P
INVESTIGATOR
146289

EXPIRES: 7/6/2019
DOB: 7/6/1979 F 5' 05"

MUST BE CARRIED ON ALL ASBESTOS PROJECTS

NYC DEP ASBESTOS CONTROL PROGRAM

END OF REPORT