METRO ANALYTICAL LABORATORIES
255 West 36th St., Suite #101
New York, NY 10018
p: (212) 695-0165 f: (212) 695-0183

ASBESTOS ANALYSIS of AIR SAMPLE by TRANSMISSION ELECTRON MICROSCOPY

Client: **ALC Environmental**
Address: 158 West 27th Street 8th Floor
New York NY 10001
P: (212) 675-5544 F: (212) 675-4698

Contact: **Pat Mullo**
M: (646) 529-6529
E: Pat.Mullo@alcenvironmental.com

Contract: **5 East Main Street**
Client Job #:
Location: **5 East Main Street**
Boiler Room
Manhattan **NY**
Sampled By: A.A.H.
Sampled Date: 10/20/2026
Turnaround Time: 6 hrs

Metro Lab ID #: **TA26100044**
Sample Received: 10/20/2026
Sample Type: During
TEM Analysis Date: 10/21/2026
Reported By: Cheryl David
Report Date: 10/21/2026

Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Volume (L)	# Grids Read	Grid Opening (mm^2)	Total Area Analyzed (mm^2)	# Non-Asbestos Structures	Asbestos Type(s)	Micrograph #	0.5u - 5 u	>5u	Sensitivity (S/cc)	Asbestos (S/mm^2)	Asbestos (S/cc)
1	01	OWA - SW OF PERSONAL DECON ENT WITHIN 5 FT	1620	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
2	02	OWA - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1620	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
3	03	OWA - WEST OF BOILER ROOM BY MICROTRAP EXHAUST	1620	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
4	04	OWA - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1620	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
5	05	OWA - NORTH OF # 1 ENTRANCE TO BOILER ROOM W/A	1608	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
6	06	OWA - NE OF # 2 ENTRANCE TO BOILER ROOM W/A	1614	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
7	07	OWA - EAST OF WASTE DECON ENT WITHIN 5 FT	1596	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
8	08	OWA - SE OF BOILER ROOM BY CRITICAL	1584	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0042	**<17.54**	**<0.0042**
9	09	OWA - SW OF PERSONAL DECON ENT WITHIN 5 FT	1404	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
10	10	OWA - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1386	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**

Comments

Equipment TEM SCOPE #1 - Hitachi H-600

**Air Sample Analysis by Transmission Electron Microscopy (TEM) adheres to Method EPA CFR Part 763 Final Rule (AHERA). Migrographs available upon request.

Zlatan Dimitrijevic
Laboratory Director

Moe Soliman
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

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ASBESTOS ANALYSIS of AIR SAMPLE by TRANSMISSION ELECTRON MICROSCOPY

Client:	**ALC Environmental**	Contract:	**5 East Main Street**	**Metro Lab ID #:**	**TA26100044**
Address:	158 West 27th Street 8th Floor	Client Job #:			
	New York NY 10001	Location:	**5 East Main Street**		
	P: (212) 675-5544 F: (212) 675-4698		**Boiler Room**	Sample Received:	10/20/2026
			Manhattan NY	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/21/2026
	M: (646) 529-6529	Sampled Date:	10/20/2026	Reported By:	Cheryl David
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	6 hrs	Report Date:	10/21/2026

Summary of Analysis

LAB ID #	Client Sample #	Sample Description	Volume (L)	# Grids Read	Grid Opening (mm^2)	Total Area Analyzed (mm^2)	# Non-Asbestos Structures	Asbestos Type(s)	Micrograph #	0.5u - 5 u	>5u	Sensitivity (S/cc)	Asbestos (S/mm^2)	Asbestos (S/cc)
11	**11**	OWA - WEST OF BOILER ROOM BY MICROTRAP EXHAUST	1368	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
12	**12**	OWA - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1350	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0043	**<15.04**	**<0.0043**
13	**13**	OWA - NORTH OF #1 ENTRANCE TO BOILER ROOM W/A	1332	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0043	**<15.04**	**<0.0043**
14	**14**	OWA - NORTH EAST OF #2 ENTRANCE TO BOILER ROOM W/A	1302	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0044	**<15.04**	**<0.0044**
15	**15**	OWA - EAST OF WASTE DECON ENTRANCE WITHIN 5 FT	1290	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0045	**<15.04**	**<0.0045**
16	**16**	OWA - SE OF BOILER BY CRITICAL	1272	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0043	**<15.04**	**<0.0043**
17	**17**	FB	N/A	N/A	N/A	N/A	N/A	**Not Analyzed**	N/A	N/A	N/A	N/A	**N/A**	**N/A**
18	**18**	FB	N/A	N/A	N/A	N/A	N/A	**Not Analyzed**	N/A	N/A	N/A	N/A	**N/A**	**N/A**
19	**19**	FB	N/A	N/A	N/A	N/A	N/A	**Not Analyzed**	N/A	N/A	N/A	N/A	**N/A**	**N/A**

Comments

Equipment TEM SCOPE #1 - Hitachi H-600

**Air Sample Analysis by Transmission Electron Microscopy (TEM) adheres to Method EPA CFR Part 763 Final Rule (AHERA). Migrographs available upon request.

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Laboratory Director

Moe Soliman
TEM Analyst

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Report Notes

General Notes and Disclaimers

- The samples analyzed in this report were not collected by this laboratory - they were received from the client, or an agent of the client, in good condition, unless otherwise noted.
- All results are calculated based on client-provided samples and / or measurements and fall within the acceptable Quality Control limits, unless otherwise noted.
- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- This report relates only to the samples tested. It may not be used by the client to claim project endorsement by NVLAP, NYS ELAP, or any other government agency.
- All samples will be properly disposed of after 60 days.
- Quality Control data (including 95% confidence limits, laboratory / analysis accuracy and precision) is available upon request.

Notes Regarding Asbestos Testing

- Air Sample Analysis by Phase Contrast Microscopy (PCM) adheres to Method NIOSH-7400. Results < 7 fibers / mm^2 are statistically insignificant.
- Percentages are calculated using the EPA equivalent Stratified Point-Count Method.
- Bulk Sample Analysis by Polarized Light Microscopy (PLM) Friable adheres to EPA/600/M4-082-20 or NYS ELAP 198.1.
- Bulk Sample Analysis by Polarized Light Microscopy (PLM) NOB adheres to NYS ELAP 198.6. This method does not remove vermiculite and may underestimate the level of asbestos present in a sample containing greater than 10% vermiculite.
- All inhomogeneous layers of the bulk samples were analyzed separately.
- Analytical results are sometimes based on the residue percentage(s) provided by the client along with the filters. Trace denotes asbestos detected at < 1%. Smiliarly, samples below quantitation limit (RL) are reported with a less than sign (<).
- Polarized Light Microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.
- Bulk Sample Analysis by Transmission Electron Microscopy (TEM) NOB adheres to NYS ELAP Method 198.4.
- Air Sample Analysis by Transmission Electron Microscopy (TEM) adheres to Method EPA CFR Part 763 Final Rule (AHERA).
- Air Sample Analysis by Transmission Electron Microscopy (TEM) Worksheets are available upon request.

ALC ENVIRONMENTAL
CONSULTING | MANAGEMENT | TRAINING

158 West 27 Street, 8th Floor
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ASBESTOS AIR SAMPLING LOG

☒ TEM
☐ PCM

Turn Around Time
☐ Rush ☐ 8 Hours ☐ 24 Hours
☒ 6 Hours ☐ 12 Hours ☐ 3 Days

SHIFT

Page 1 of 1

DATE 10/20/26

M	T	W	T	F	S	S
X						

PROJECT #: _____ PROJECT SITE: 5 EAST MAIN ST MANHATTAN NY WORK AREA: BOILER ROOM

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 266201C SHAB

ROTOMETER #: ALC 010 CALABRATION DATE: 9.17.26 MANAGER: PAT MULLO

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26100044

FIELD SAMPLE ID NUMBER		DESCRIPTION LOCATION/ACTIVITY	SAMPLIING PERIOD (MILITARY TIME) START	STOP	Sample Time	CALIBRATION FLOW RATE PRE	POST	CAL. FLOW RATE AVERAGE	SAMPLE VOLUME (LITERS)	Fiber count per field	Airborne result F/cc
01	OWA	SW OF PERSONAL DECON ENT WITHIN 5FT	705	1135	270	6	6	6	1620		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	707	1137	27	6	6	6	1620		
03	OWA	WEST OF BOILER RM BY MICROTRAP EXHAUST	709	1139	270	6	6	6	1620		
04	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	711	1141	270	6	6	6	1620		
05	OWA	NORTH OF #1 ENTRANCE TO BOILER RM. W/A	715	1143	268	6	6	6	1608		
06	OWA	NE OF #2 ENTRANCE TO BOILER RM W/A	718	1145	269	6	6	6	1614		
07	OWA	EAST OF WASTE DECON ENT WITH IN 5 FT	721	1147	266	6	6	6	1596		
08	OWA	SE OF BOILER RM BY CRITICAL	725	1149	264	6	6	6	1584		
09	OWA	SW OF PERSONAL DECON ENT WITH IN 5FT	1136	1536	234	6	6	6	1404		
10	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	1138	1529	231	6	6	6	1386		
11	OWA	WEST OF BOILER RM BY MICROTRAP EXHAUST	1140	1528	228	6	6	6	1368		
12	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	1142	1527	225	6	6	6	1350		

SAMPLE TYPE: ☐ BG – Background ☒ D-During ☐ DAF – During as Finals ☐ CLR – Clearance ☐ A – Ambient ☐ FB – Field Blank

RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:
AUDLEY A HINDS		10-20-26		ADELE		10/20/26	4:50P
AUDLEY A HINDS		10-20-26					

Email Results to: bianca.colon@alcenvironmental.com; adriana.tula@alcenvironmental.com; nicholas.outar@alcenvironmental.com; audley.hinds.alc@alcenvironmental.com; pat.mullo@alcenvironmental.com
engel.perez@alcenvironmental.com; nickola.lampley@alcenvironmental.com

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ASBESTOS AIR SAMPLING LOG

☑ TEM
☐ PCM

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☐ Rush ☐ 8 Hours ☐ 24 Hours
☒ 6 Hours ☐ 12 Hours ☐ 3 Days

SHIFT

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M	T	W	T	F	S	S

DATE: 10 / 20 / 26

PROJECT #: _____ PROJECT SITE: 5 EAST MAIN ST MANHATTAN NY WORK AREA: BOILER ROOM

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26.6291C SHAB

ROTOMETER #: ALC 010 CALABRATION DATE: 9-17-26 MANAGER: PAT MULLO

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA2610004 4

FIELD SAMPLE ID NUMBER		DESCRIPTION LOCATION/ACTIVITY	SAMPLIING PERIOD (MILITARY TIME) START	STOP	Sample Time	CALIBRATION FLOW RATE PRE	POST	CAL. FLOW RATE AVERAGE	SAMPLE VOLUME (LITERS)	Fiber count per field	Airborne result F/cc
13	OWA	NORTH OF #1 ENTRANCE TO BOILER RM W/IN	1144	1526	222	6	6	6	1332		
14	OWA	NORTH EAST OF #2 ENTRANCE TO BOILER RM W/IN	1146	1524	217	6	6	6	1302		
15	OWA	EAST OF WASTE DECON ENTRANCE WITHIN 5FT	1148	1523	215	6	6	6	1290		
16	OWA	SE OF BOILER BY CRITICAL	1150	1522	212	6	6	6	1272		
17	FB										
18	FD										
19	FD										

SAMPLE TYPE: ☐ BG – Background ☐ D-During ☐ DAF – During as Finals ☐ CLR – Clearance ☐ A – Ambient ☐ FB – Field Blank

RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:
AUDLEY A HINDS	Audley A Hinds	10-20-26		ADLLE	ALC	10/20/26	4:50P
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:

Email Results to: bianca.colon@alcenvironmental.com; adriana.tula@alcenvironmental.com; nicholas.outar@alcenvironmental.com; audley.hinds.alc@alcenvironmental.com; pat.mullo@alcenvironmental.com engel.perez@alcenvironmental.com; nickola.lampley@alcenvironmental.com