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**	Contract:	**5 East Main Street**	**Metro Lab ID #:**	**TA26100011**
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:	10/06/2026
			Manhattan NY	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/06/2026
	M: (646) 529-6529	Sampled Date:	10/06/2026	Reported By:	Cheryl David
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	6 hrs	Report Date:	10/07/2026

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**	O.W.A. - SW OF P. DECON ENTRANCE WITHIN 5 FT	1572	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**
2	**02**	O.W.A. - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1572	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**
3	**03**	O.W.A. - EAST OF BOILER ROOM BY MICROTRAP EXHAUST	1572	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**
4	**04**	O.W.A. - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1572	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**
5	**05**	O.W.A. - SE OF BOILER ROOM BY CRITICAL	1572	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**
6	**06**	O.W.A. - NE OF BOILER ROOM ENTRANCE	1572	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**
7	**07**	O.W.A. - EAST OF WASTE DECON ENT WITHIN 5 FT	1572	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**
8	**08**	O.W.A. - SW OF P. DECON ENTRANCE WITHIN 5 FT	1404	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
9	**09**	O.W.A. - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1380	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
10	**10**	O.W.A. - EAST OF BOILER ROOM BY MICROTRAP EXHAUST	1362	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0050	**<17.54**	**<0.0050**

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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	New York NY 10001	Location:	**5 East Main Street**		
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Summary of Analysis

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11	**11**	O.W.A. - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1344	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0043	**<15.04**	**<0.0043**
12	**12**	O.W.A. - SE OF BOILER ROOM BY CRITICAL	1320	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0043	**<15.04**	**<0.0043**
13	**13**	O.W.A. - NE OF BOILER ROOM ENTRANCE	1302	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0044	**<15.04**	**<0.0044**
14	**14**	O.W.A. - EAST OF WASTE DECON ENT WITHIN 5 FT	1284	7	0.0095	0.067	0	**None Detected**	N/A	0	0	0.0044	**<15.04**	**<0.0044**
15	**15**	F/B	N/A	N/A	N/A	N/A	N/A	**Not Analyzed**	N/A	N/A	N/A	N/A	**N/A**	**N/A**
16	**16**	F/B	N/A	N/A	N/A	N/A	N/A	**Not Analyzed**	N/A	N/A	N/A	N/A	**N/A**	**N/A**
17	**17**	O/B	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.

Zlatan Dimitrijevic
Laboratory Director

Moe Soliman
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

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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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Phone: (212) 675-5544 FAX (212) 675-4698

ASBESTOS AIR SAMPLING LOG

☑ TEM
☐ PCM

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

SHIFT

M	T	W	T	F	S	S

DATE: 10/06/26

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: 09-17-26 MANAGER: PAT MULCO

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA2610011

FIELD SAMPLE ID NUMBER		DESCRIPTION LOCATION/ACTIVITY	SAMPLING 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 P. DECON ENTRANCE WITH IN 5 FT	0708	1130	262	6	6	6	1572		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	710	1132	262	6	6	6	1572		
03	OWA	EAST OF BOILER RM BY MICROTRAP EXHAUST	712	1134	262	6	6	6	1572		
04	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	714	1136	262	6	6	6	1572		
05	OWA	SE OF BOILER RM BY CRITICAL	716	1138	262	6	6	6	1572		
06	OWA	NE OF BOILER RM ENTRANCE	718	1140	262	6	6	6	1572		
07	OWA	EAST OF WASTE DECON ENT WITH IN 5FT	721	1142	262	6	6	6	1572		
08	OWA	SW OF P-DECON ENT WITHIN 5 FT	1131	1525	234	6	6	6	1404		
09	OWA	NORTH OF BOILER RM MICROTRAP EXHAUST	1133	1523	230	6	6	6	1380		
10	OWA	EAST OF BOILER RM BY MICROTRAP EXHAUST	1135	1522	227	6	6	6	1362		
11	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	1137	1521	224	6	6	6	1344		
12	OWA	SE OF BOILER RM BY CRITICAL	1139	1519	220	6	6	6	1320		

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	10-06-26			MGV	10/6/26	5:57P
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:
AUDLEY A HINDS	Audley A Hinds	10-06-26					

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

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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 ____ of ____

DATE: 10/06/26

M	T	W	T	F	S	S

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6202C SHAB

ROTOMETER #: ALC 010 CALABRATION DATE: 09.17.26 MANAGER: PAT MULLO

LABORATORY USE ONLY
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13	OWM	NE OF BOILER RM ENTRANCE	1141	1518	217	6	6	6	1302		
14	OWM	EAST OF WASTE DECON ENT WITHIN 5FT	1143	1517	214	6	6	6	1284		
15	F/B										
16	F/B										
17	O/B										

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		10.06.26			MLW	10/6/26	5:57P
AUDLEY A HINDS		10.06.26					

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