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 #:**	**TA26100031**
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:	10/14/2026
			Manhattan **NY**	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/15/2026
	M: (646) 529-6529	Sampled Date:	10/14/2026	Reported By:	Cheryl David
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	6 hrs	Amended Date:	10/16/2026

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 ENTRANCE WITHIN 5 FT	1500	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
2	**02**	OWA - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1500	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
3	**03**	OWA - WEST OF BOILER ROOM BY MICROTRAP EXHAUST	1500	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
4	**04**	OWA - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1500	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
5	**05**	OWA - S.E OF BOILER ROOM CRITICAL	1500	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
6	**06**	OWA - NORTH OF BOILER ROOM ENTRANCE TO W/A	1482	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0046**
7	**07**	OWA - EAST OF WASTE DECON ENT. WITHIN 5 FT	1488	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
8	**08**	OWA - SW OF PERSONAL DECON ENTRANCE WITHIN 5 FT	1512	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
9	**09**	OWA - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1488	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
10	**10**	OWA - WEST OF BOILER ROOM BY MICROTRAP EXHAUST	1464	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0046**

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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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: 10/14/2026
Turnaround Time: 6 hrs

Metro Lab ID #: **TA26100031**
Sample Received: 10/14/2026
Sample Type: During
TEM Analysis Date: 10/15/2026
Reported By: Cheryl David
Amended Date: 10/16/2026

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 - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1446	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
12	**12**	OWA - SE OF BOILER ROOM CRITICAL	1428	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
13	**13**	OWA - NORTH OF BOILER ROOM ENTRANCE TO W/A	1416	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
14	**14**	OWA - EAST OF WASTE DECON ENT WITHIN 5 FT	1386	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0049	**<17.54**	**<0.0049**
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 Amended Metro Lab Id #

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

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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: 1

M	T	W	T	F	S	S
		X				

DATE: 10/14/26

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6201C SHAB

ROTOMETER #: ALC 01-0 CALABRATION DATE: 9-17-26 MANAGER: PAT MULLO

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26100031

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	S W OF PERSONAL DECON ENTRANCE WITHIN 5 FT	0705	1115	250	6	6	6	1500		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	0707	1117	250	6	6	6	1500		
03	OWA	WEST OF BOILER Rm BY MICROTRAP EXHALST	0709	1119	250	6	6	6	1500		
04	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	0711	1121	250	6	6	6	1500		
05	OWA	S.E OF BOILER RM. CRITICAL	0713	1123	250	6	6	6	1500		
06	OWA	NORTH OF BOILER RM ENTRANCE TO W/A	0717	1124	247	6	6	6	1482		
07	OWA	EAST OF WASTE DECON ENT WITH IN 5 FT	0718	1126	248	6	6	6	1488		
08	OWA	S.W. OF PERSONAL DECON ENTRANCE WITHIN 5FT	1116	1528	252	6	6	6	1512		
09	OWA	NORTH OF BOILER Rm BY MICROTRAP EXHAUST	1118	1526	248	6	6	6	1488		
10	OWA	WEST OF BOILER RM BY MICROTRAP EXHAUST	1120	1524	244	6	6	6	1464		
11	OWA	SOUTH OF BOILER Rm BY MICROTRAP EXHAUST	1122	1523	241	6	6	6	1446		
12	OWA	S.E OF BOILER RM CRITICAL	1124	1522	238	6	6	6	1428		

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	10-14-26		ABELE	ALC	10/14/26	4:20P
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:
AUDLEY A HINDS	Audley A Hinds	10-14-26					

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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☑ TEM
☐ PCM

ASBESTOS AIR SAMPLING LOG

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

SHIFT

M	T	W	T	F	S	S

DATE: 10/14/26

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 #: TA26100031

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 BOILER RM ENTRANCE TO W/A	1125	1521	236	6	6	6	1416		
14	OWA	EAST OF WASTE DECONENT WITHIN 5FT	1127	1518	231	6	6	6	1386		
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		10.14.26		ADELE	ALC	10/14/26	4.20P
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:
AUDLEY A HINDS		10.14.26					

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