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 Main Street**	**Metro Lab ID #:**	**TA26100041**
Address:	158 West 27th Street 8th Floor	Client Job #:			
	New York NY 10001	Location:	**5 Main Street**		
	P: (212) 675-5544 F: (212) 675-4698		**Boiler Room**	Sample Received:	10/19/2026
			Manhattan NY	Sample Type:	
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/19/2026
	M: (646) 529-6529	Sampled Date:	10/19/2026	Amended By:	Sharye Bethancourt
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	6 hrs	Amended Date:	10/20/2026

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	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
2	02	OWA - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
3	03	OWA - EAST OF BOILER ROOM BY MICROTRAP EXHAUST	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
4	04	OWA - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
5	05	OWA - SE OF BOILER ROOM BY CRITICAL	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
6	06	OWA - NORTH OF BOILER ROOM #1 ENTRANCE TO W/A	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
7	07	OWA - NE OF BOILER ROOM #2 ENTRANCE TO W/A	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
8	08	OWA - EAST OF WASTE DECON ENT. WITHIN 5 FT	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
9	09	OWA - SW OF PERSONAL DECON ENTRANCE WITHIN 5 FT	1528	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0044	**<17.54**	**<0.0044**
10	10	OWA - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1554	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0043	**<17.54**	**<0.0043**

Comments 10/20/2026 - CORRECTED THE ADDRESS.

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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11	**11**	OWA - EAST OF BOILER ROOM BY MICROTRAP EXHAUST	1536	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0044	**<17.54**	**<0.0044**
12	**12**	OWA - SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST	1512	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
13	**13**	OWA - SOUTH EAST OF BOILER ROOM BY CRITICAL	1494	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
14	**14**	OWA - NORTH OF BOILER #1 ENTRANCE TO W/A	1458	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0046**
15	**15**	OWA - NE OF BOILER #2 ENTRANCE TO W/A	1434	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
16	**16**	OWA - EAST OF WASTE DECON ENT WITHIN 5 FT	1404	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
17	**17**	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**
18	**18**	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**
19	**19**	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 10/20/2026 - CORRECTED THE ADDRESS.

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

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New York, NY 10001
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: 10/19/26

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26 6291 CSHAB

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA2610041

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 ENTRANCE WITHIN 5FT	705	1105	240	6	6	6	1440		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	707	1107	240	6	6	6	1440		
03	OWA	EAST OF BOILER RM BY MICROTRAP EXHAUST	709	1109	240	6	6	6	1440		
04	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	712	1112	240	6	6	6	1440		
05	OWA	SE OF BOILER RM BY CRITICAL	714	1114	240	6	6	6	1440		
06	OWA	NORTH OF BOILER RM #1 ENTRANCE TO W/A	718	1118	240	6	6	6	1440		
07	OWA	NE OF BOILER RM #2 ENTRANCE TO W/A	721	1121	240	6	6	6	1440		
08	OWA	EAST OF WASTE DECON ENT WITHIN 5FT	725	1125	240	6	6	6	1440		
09	OWA	SW OF PERSONAL DECON ENTRANCE WITHIN 5FT	1106	1529	263	6	6	6	1578		
10	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	1108	1527	259	6	6	6	1554		
11	OWA	EAST OF BOILER RM BY MICROTRAP EXHAUST	1110	1526	256	6	6	6	1536		
12	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST.	1113	1525	252	6	6	6	1512		

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	10-19-26		Jean G		10/19/26	5028m
AUDLEY A HINDS	Audley A Hinds	10 19 26					

Email Results to: bianca.colon@alcenvironmental.com; juliana.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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~~☐ PEM~~
☐ 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: 10/19/26

PROJECT #: _____ PROJECT SITE: S.EAST main ST. MANHATTAN NY WORK AREA: BOILER RM

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6209IC SHAB

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA2600091

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13	OWA	SOUTH EAST OF BOILER RM BY CRITICAL	1115	1524	249	6	6	6	1494		
14	OWA	NORTH OF BOILER RM # 1 ENTRANCE TO W/A	1119	1522	243	6	6	6	1458		
15	OWA	NE OF BOILER RM #2 · ENTRANCE TO W/A	1122	1521	239	6	6	6	1434		
16	OWA	EAST OF WASTE DECON ENT WITHIN SITE	1126	1520	234	6	6	6	1404		
17	F/B										
18	F/B										
19	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	Audley A Hinds	10-19-26		Sean G	SG	10/19/26	502PM
AUDLEY A HINDS	Audley A Hinds	10-19-26					

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