METRO ANALYTICAL LABORATORIES
255 West 36th St., Suite #101
New York, NY 10018
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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**
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Contract: **5 East Main Street**
Client Job #:
Location: **5 East Main Street**
Boiler Room
Manhattan **NY**
Sampled By: A.H.
Sampled Date: 10/07/2026
Turnaround Time: 6 hrs

Metro Lab ID #: **TA26100014**
Sample Received: 10/07/2026
Sample Type: During
TEM Analysis Date: 10/08/2026
Amended By: Sean Gonzalez Villamar
Amended Date: 10/13/2026

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 - S.W OF P. DECON ENTRANCE WITHIN 5 FT	1494	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0045	<17.54	<0.0045
2	02	OWA - NORTH OF BOILER RM BY MICRO TRAP EXHAUST	1476	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0046	<17.54	<0.0045
3	03	OWA - EAST OF BOILER RM BY MICRO TRAP EXHAUST	1452	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
4	04	OWA - SOUTH OF BOILER RM BY MICRO TRAP EXHAUST	1434	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
5	05	OWA - SE OF BOILER RM CRITICAL	1416	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0048	<17.54	<0.0048
6	06	OWA - NE OF BOILER RM ENTRANCE	1398	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0048	<17.54	<0.0048
7	07	OWA - EAST OF WASTE DECON ENT WITHIN 5 FT	1374	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0049	<17.54	<0.0049
8	08	BLANK	N/A	N/A	N/A	N/A	N/A	Not Analyzed	N/A	N/A	N/A	N/A	N/A	N/A
9	09	BLANK	N/A	N/A	N/A	N/A	N/A	Not Analyzed	N/A	N/A	N/A	N/A	N/A	N/A
10	10	BLANK	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 - Sampled Dated updated as per amended COC.

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

Zlatan Dimitrijevic
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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☑ TEM
☐ PCM

ASBESTOS AIR SAMPLING LOG

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

SHIFT

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M	T	W	T	F	S	S
		2				

DATE: 10/7/26

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26 62 QIC SHAB

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26100014

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 P. DECON ENTRANCE WITHIN 5FT	712	1121	249	6	6	6	1494		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	714	1120	246	6	6	6	1476		
03	OWA	EAST OF BOILER RM BY MICROTRAP EXHAUST	716	1118	242	6	6	6	1452		
04	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	718	1117	239	6	6	6	1434		
05	OWA	SE OF BOILER RM BY CRITICAL	720	1116	236	6	6	6	1416		
06	OWA	NE OF BOILER RM ENTRANCE	722	1115	233	6	6	6	1398		
07	OWA	EAST OF WASTE DECON ENT WITHIN 5FT	725	1114	229	6	6	6	1374		
08											
09											
10											

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 HINDS	[signature]	10-7-26		Sean G	SG	10/7/26	339pm
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:
AUDLEY HINDS	[signature]	10-7-26					

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