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 #:**	**TA26110009**
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:	11/06/2026
			NY	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	11/07/2026
	M: (646) 529-6529	Sampled Date:	11/06/2026	Reported By:	Meredith Gonzalez Villamar
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	24 hrs	Report Date:	11/07/2026

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	OWA - NE OF PERSONAL DECON ENTRANCE WITHIN 5FT	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 RM 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 - WEST OF BOILER RM 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 RM 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 RM BY CRITICAL	1440	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	< 17.54	< 0.0047
6	06	OWA - NW OF #1 ENTRANCE TO BOILER RM W/A	1440	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	< 17.54	< 0.0047
7	07	OWA - EAST OF #2 ENTRANCE TO BOILER RM 2/A	1440	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	< 17.54	< 0.0047
8	08	OWA - NE OF PERSONAL DECON ENTRANCE WITHIN 5FT	1554	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0043	< 17.54	< 0.0043
9	09	OWA - NORTH OF BOILER RM BY MICROTRAP EXHAUST	1536	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0044	< 17.54	< 0.0044
10	10	OWA - WEST OF BOILER RM BY MICROTRAP EXHAUST	1518	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0044	< 17.54	< 0.0044

Comments

Equipment TEM SCOPE #2 - Hitachi H-7000

**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

Atef Guirguis
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**
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
NY

Sampled By: A.A.H.
Sampled Date: 11/06/2026
Turnaround Time: 24 hrs

Metro Lab ID #: **TA26110009**

Sample Received: 11/06/2026
Sample Type: During
TEM Analysis Date: 11/07/2026
Reported By: Meredith Gonzalez Villamar
Report Date: 11/07/2026

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)
11	**11**	OWA - SOUTH OF BOILER RM BY MICROTRAP EXHAUST	1494	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**< 17.54**	**< 0.0045**
12	**12**	OWA - SE OF BOILER RM BY CRITICAL	1476	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**< 17.54**	**< 0.0046**
13	**13**	OWA - NW OF #1 ENTRANCE TO BOILER RM W/A	1458	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**< 17.54**	**< 0.0046**
14	**14**	OWA - EAST OF #2 ENTRANCE TO BOILER RM W/A	1440	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**< 17.54**	**< 0.0047**
15	**15**	FIELD 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**
16	**16**	FIELD 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**
17	**17**	OPEN 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

Equipment TEM SCOPE #2 - Hitachi H-7000

**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

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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
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: 1

M T W T F S S

DATE: 11/6/26

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6290IC S

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA2611 0009

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	NE OF PERSONAL DECON ENTRANCE WITH IN 5FT	710	1110	240	6	6	6	1440		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	712	1112	240	6	6	6	1440		
03	OWA	WEST	714	1114	240	6	6	6	1440		
04	OWA	SOUTH	716	1116	240	6	6	6	1440		
05	OWA	S E OF BOILER RM BY CRITICAL	718	1118	240	6	6	6	1440		
06	OWA	N W OF # 1 ENTRANCE TO BOILER RM	720	1121	240	6	6	6	1440		
07	OWA	EAST OF #2 ENTRANCE TO BOILER RM	722	1123	240	6	6	6	1440		
08	OWA	NE OF PERSONAL DECON ENTRANCE WITH IN 5 FT	1111	1530	259	6	6	6	1554		
09	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	1113	1529	256	6	6	6	1536		
10	OWA	WEST OF	1115	1528	253	6	6	6	1518		
11	OWA	SOUTH OF	1117	1526	249	6	6	6	1494		
12	OWA	SE OF BOILER RM BY CRITICAL	1119	1525	246	6	6	6	1476		

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	11-6-26			MGV	11/06/26	4:00P
AUDLEY A HINDS	Audley A Hinds	11-6-26					

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

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

SHIFT

M	T	W	T	F	S	S

DATE: 11/6/26

PROJECT #: _____ PROJECT SITE: 5 EAST MAIN ST MANHATTAN NY WORK AREA: BOILER RM 1ST FLOOR

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6290 SHAB

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26110009

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
13	OWA	NW OF #1 ENTRANCE TO BOILER RM 1/A	1121	1524	243	6	6	6	1458		
14	OWA	EAST OF #2 ENTRANCE TO BOILER RM 1/A	1123	1523	240	6	6	6	1440		
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	Audley A Hinds	11-6-26			HGV	11/06/26	4:00P
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:
AUDLEY A HINDS	Audley A Hinds	11-6-26					

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