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 #:**	**TA26100047**
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:	10/21/2026
			Manhattan NY	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/22/2026
	M: (646) 529-6529	Sampled Date:	10/21/2026	Reported By:	Marian Zaki
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	6 hrs	Report Date:	10/22/2026

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 ENT WITHIN 5 FT	1440	6	0.0095	0.0057	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	0.0057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
3	03	OWA - EAST OF BOILER RM BY MICROTRAP EXHAUST	1440	6	0.0095	0.0057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
4	04	OWA - WEST OF BOILER RM BY MICROTRAP EXHAUST	1440	6	0.0095	0.0057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
5	05	OWA - S.E OF BOILER RM BY CRITICAL	1440	6	0.0095	0.0057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
6	06	OWA - NORTH OF #1 ENTRANC TO BOILER EM	1440	6	0.0095	0.0057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
7	07	OWA - NE OF #2 ENTRANC TO BOILER EM	1440	6	0.0095	0.0057	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	0.0057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
9	09	OWA - SW OF PERSONAL DECON ENT WITHIN 5 FT	1590	6	0.0095	0.0057	0	None Detected	N/A	0	0	0.0042	<17.54	<0.0042
10	10	OWA - NORTH OF BOILER RM BY MICROTRAP EXHAUST	1572	6	0.0095	0.0057	0	None Detected	N/A	0	0	0.0043	<17.54	<0.0043

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

Zlatan Dimitrijevic
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

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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
Manhattan **NY**

Sampled By: A.A.H.
Sampled Date: 10/21/2026
Turnaround Time: 6 hrs

Metro Lab ID #: **TA26100047**

Sample Received: 10/21/2026
Sample Type: During
TEM Analysis Date: 10/22/2026
Reported By: Marian Zaki
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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 - EAST OF BOILER RM BY MICROTRAP EXHAUST	1548	6	0.0095	0.0057	0	**None Detected**	N/A	0	0	0.0044	**<17.54**	**<0.00044**
12	12	OWA - WEST OF BOILER RM BY MICROTRAP EXHAUST	1530	6	0.0095	0.0057	0	**None Detected**	N/A	0	0	0.0044	**<17.54**	**<0.0044**
13	13	OWA - SE OF BOILER RM BY CRITICAL	1506	6	0.0095	0.0057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
14	14	OWA - NORTH OF #1 ENTRANCE TO BOILER RM	1488	6	0.0095	0.0057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
15	15	OWA - NE OF #2 ENTRANCE TO BOILER RM	1458	6	0.0095	0.0057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0046**
16	16	OWA - EAST OF WASTE DECON ENT WITHIN 5 FT	1440	6	0.0095	0.0057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
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

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

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

M	T	W	T	F	S	S
		X				

DATE: 10/21/26

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

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

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA261000047

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 ENT WITH IN 5FT	0704	1104	240	6	6	6	1440		
02	OWA	NORTH OF BOILER Rm BY MICROTRAP EXHAUST	0706	1106	240	6	6	6	1440		
03	OWA	EAST OF BOILER Rm. BY MICROTRAP EXHAUST	0709	1109	240	6	6	6	1440		
04	OWA	WEST OF BOILER Rm By MICROTRAP EXHAUST	0711	1111	240	6	6	6	1440		
05	OWA	SE of BOILER Rm By CRITICAL	0713	1113	240	6	6	6	1440		
06	OWA	NORTH OF #1 ENTRANCE TO BOILER Rm.	0715	1115	240	6	6	6	1440		
07	OWA	NE OF #2 ENTRANCE TO BOILER Rm	0719	1119	240	6	6	6	1440		
08	OWA	EAST OF WASTE DECON ENT WITHIN 5FT	0721	1121	240	6	6	6	1440		
09	OWA	SW OF PERSONAL DECON ENT WITHIN 5FT	1105	1530	265	6	6	6	1590		
10	OWA	NORTH OF BOILER Rm BY MICROTRAP EXHAUST	1107	1529	262	6	6	6	1572		
11	OWA	EAST OF BOILER Rm By MICROTRAP EXHAUST	1110	1528	258	6	6	6	1548		
12	OWA	WEST OF BOILER Rm By MICROTRAP EXHAUST	1112	1527	255	6	6	6	1530		

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		10.21.26			MLW	10/21/26	7:30P
AUDLEY A HINDS		10-26-26					

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; 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

Page ____ of ____

M	T	W	T	F	S	S

DATE: 10/21/26

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6ZQIC SHAB

ROTOMETER #: ALC 010 CALABRATION DATE: 26.6ZQIC MANAGER: PAT MULLO

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26100047

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	SE OF BOILER RM BY CRITICAL	1114	1525	251	6	6	6	1506		
14	OWA	NORTH OF 2 ENTRANCE TO BOILER RM	1116	1524	248	6	6	6	1488		
15	OWA	NE OF #2 ENTRANCE TO BOILER RM	1120	1523	243	6	6	6	1458		
16	OWA	EAST OF WASTE DECON ENT WITHIN 5FT	1122	1522	240	6	6	6	1440		
17	F/B										
18	F/B										
19	F/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	10.21.26			HGV	10/21/26	7:30
AUDLEY A HINDS	AUDLEY A HINDS	10.21.26					

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