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 #:**	**TA26100034**
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:	10/15/2026
			Manhattan NY	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/16/2026
	M: (646) 529-6529	Sampled Date:	10/15/2026	Reported By:	Nicole Piech
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	6 hrs	Report 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	1440	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0046	<15.04	<0.0046
2	02	OWA - NORTH OF BOILER ROOM 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 ROOM 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 - SOUTH OF BOILER ROOM 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 - SE OF BOILER ROOM 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 BOILER ROOM ENTRANCE TO W/A	1440	6	0.0095	0.0057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
7	07	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
8	08	OWA - SW OF PERSONAL DECON ENTRANCE WITHIN 5 FT	1578	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0043	<17.54	<0.0043
9	09	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
10	10	OWA - EAST OF BOILER ROOM BY MICROTRAP EXHAUST	1542	6	0.0095	0.057	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

Moe Soliman
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

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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	1524	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0044	**<17.54**	**<0.0044**
12	**12**	OWA - SE OF BOILER ROOM BY CRITICAL	1506	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0045	**<17.54**	**<0.0045**
13	**13**	OWA - NORTH OF BOILER ROOM ENTRANCE TO WORK AREA	1482	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0046**
14	**14**	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**
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

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

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 ☐ [illegible]
☒ 6 Hours ☐ [illegible]

Site Address
5 E Main Street, Manhattan NY 10044
Owner
NYC HPD - 100 Gold Street, Manhattan NY 10038
Abatement Contractor
Statewide Demolition
5883 54th Street, Maspeth NY 11378

1 of 2

DATE: 10/15/26

M	T	W	T	F	S	S
			X			

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6281C SHAB

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26100034

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 5FT	0705	1106	240	6	6	6	1440		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	0707	1108	240	6	6	6	1440		
03	OWA	EAST OF BOILER RM BY MICROTRAP EXHAUST	0709	1109	240	6	6	6	1440		
04	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	0711	1111	240	6	6	6	1440		
05	OWA	SE OF BOILER ROOM BY CRITICAL	0713	1113	240	6	6	6	1440		
06	OWA	NORTH OF BOILER ROOM ENTRANCE TO W/A	0716	1116	240	6	6	6	1440		
07	OWA	EAST OF WASTE DECON ENT WITH IN 5FT	0722	1122	240	6	6	6	1440		
08	OWA	S.W. OF PERSONAL DECON ENTRANCE WITHIN 5FT	1107	1530	263	6	6	6	1578		
09	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	1109	1528	259	6	6	6	1554		
10	OWA	EAST OF BOILER RM BY MICROTRAP EXHAUST	1110	1527	257	6	6	6	1542		
11	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	1112	1526	254	6	6	6	1524		
12	OWA	SE OF BOILER ROOM BY CRITICAL	1114	1525	251	6	6	6	1506		

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	[signature]	10.15.26		ADELE	[signature]	10/15/26	5:20P
AUDLEY A HINDS	[signature]	10-15-26					

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: 1

M	T	W	T	F	S	S
			X			

DATE: 10/15/23

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 #: TA261000034

FIELD SAMPLE ID NUMBER		DESCRIPTION LOCATION/ACTIVITY	SAMPLIING PERIOD (MILITARY TIME) START	SAMPLIING PERIOD (MILITARY TIME) STOP	Sample Time	CALIBRATION FLOW RATE PRE	CALIBRATION FLOW RATE POST	CAL. FLOW RATE AVERAGE	SAMPLE VOLUME (LITERS)	Fiber count per field	Airborne result F/cc
13	OWA	NORTH OF BOILER ROOM ENTRANCE TO WORK AREA	1117	1524	247	6	6	6	1482		
14	OWA	EAST OF WASTE DECONENT WITHIN 5 FT	1123	1523	240	6	6	6	1440		
15		F/B									
16		F/B									
17		O/D									

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	10/15/26		PADEE	AL	10/15/26	5:20P
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:

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