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 #:**	**TA26100007**
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:	10/05/2026
			Manhattan NY	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/05/2026
	M: (646) 529-6529	Sampled Date:	10/05/2026	Reported By:	Marian Zaki
	E: Pat.Mullo@alcenvironmental.com	Turnaround Time:	6 hrs	Report Date:	10/06/2026

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	O.W.A. - SW OF PERSONAL DECON ENTRANCE WITHIN 5 FT	1458	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0047**
2	02	O.W.A. - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1452	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
3	03	O.W.A. - WEST OF BOILER ROOM BY MICROTRAP EXHAUST	1446	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
4	04	O.W.A. - 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	O.W.A. - SE OF BOILER RM BY CRITICAL	1446	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
6	06	O.W.A. - NE OF BOILER RM BY ENTRANCE #2	1446	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
7	07	O.W.A. - EAST OF WASTE DECON ENTRANCE WITHIN 5 FT	1446	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**
8	08	O.W.A. - SW OF PERSONAL DECON ENTRANCE WITHIN 5 FT	1471	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0046**
9	09	O.W.A. - NORTH OF BOILER ROOM BY MICROTRAP EXHAUST	1464	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0046	**<17.54**	**<0.0046**
10	10	O.W.A. - WEST OF BOILER ROOM BY MICROTRAP EXHAUST	1452	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0047	**<17.54**	**<0.0047**

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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	P: (212) 675-5544 F: (212) 675-4698		**Boiler Room**	Sample Received:	10/05/2026
			Manhattan **NY**	Sample Type:	During
Contact:	**Pat Mullo**	Sampled By:	A.A.H.	TEM Analysis Date:	10/05/2026
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Summary of Analysis

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11	**11**	O.W.A. - 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**
12	**12**	O.W.A. - SE OF BOILER RM BY CRITICAL	1416	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
13	**13**	O.W.A. - NE OF BOILER RM BY ENTRANCE #2	1398	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0048	**<17.54**	**<0.0048**
14	**14**	O.W.A. - EAST OF WASTE DECON ENT. WITHIN 5 FT	1380	6	0.0095	0.057	0	**None Detected**	N/A	0	0	0.0049	**<17.54**	**<0.0049**
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



Zlatan Dimitrijevic
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

M	T	W	T	F	S	S
1						

DATE: 10/5/26

PROJECT #: _____ PROJECT SITE: 5 EAST. MAIN ST. MANHATTAN. NY 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 PROJECT #: TA2610000 7

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
01	OWA	S.W OF PERSONAL DECON ENTRANCE WITHIN 5FT	712	1115	243	6	6	6	1458		
02	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	714	1116	242	6	6	6	1452		
03	OWA	WEST OF BOILER RM. BY MICROTRAP EXHAUST	716	1117	241	6	6	6	1446		
04	OWA	SOUTH OF BOILER RM. BY MICROTRAP EXHAUST	718	1118	240	6	6	6	1440		
05	OWA	SE OF BOILER RM BY CRITICAL	719	1121	241	6	6	6	1446		
06	OWA	NE OF BOILER RM BY ENTRANCE # 2	722	1123	241	6	6	6	1446		
07	OWA	EAST OF WASTE DECON ENTRANCE WITHIN 5FT	724	1125	241	6	6	6	1446		
08	OWA	S.W OF PERSONAL DECON ENTRANCE WITHIN 5FT	1115	1521	246	6	6	6	1471		
09	OWA	NORTH OF BOILER RM BY MICROTRAP EXHAUST	1116	1520	244	6	6	6	1464		
10	OWA	WEST OF BOILER RM BY MICROTRAP EXHAUST	1117	1519	242	6	6	6	1452		
11	OWA	SOUTH OF BOILER RM BY MICROTRAP EXHAUST	1118	1518	240	6	6	6	1440		
12	OWA	SE OF BOILER RM BY CRITICAL	1121	1517	236	6	6	6	1416		

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		10.5.26		Sean G		10/5/26	4:09 PM
AUDLEY A HINDS		10.5.26					

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

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ASBESTOS AIR SAMPLING LOG

☒ TEM
☐ PCM

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

DATE: 10 5 / 26

SHIFT

M	T	W	T	F	S	S

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

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-62 OIC SHAB

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

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26100007

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	NE OF BOILER RM BY ENTRANCE #2	1123	1516	233	6	6	6	1398		
14	OWA	EAST OF WASTE DECONENT WITHIN 5 FT	1124	1515	231	6	6	6	1386		
15	F/B										
16	F/B										
17	O/B	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	[signature]	10-5 26		Sam G	SG	10/5/26	409 PM
AUDLEY A HINDS	[signature]	10-5-26					

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