

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 #: **806245B0033**
Location: **5 East Main Street**
Perimeter

Sampled By: V.B.
Sampled Date: 07/23/2026
Turnaround Time: 6 hrs

NY

Metro Lab ID #: **TA26070048**

Sample Received: 07/23/2026
Sample Type: Ambient
TEM Analysis Date: 07/23/2026
Reported By: Meredith Gonzalez Villamar
Report Date: 07/23/2026

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 - >5 FT. OF PERSONAL DECON ENTRANCE	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
2	02	OWA - >5 FT. OF WASTE DECON ENTRANCE	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
3	03	OWA - >5 FT. OF NORTH EAST SIDE OF FACILITY	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
4	04	OWA - >5 FT. OF EAST SIDE OF FACILITY	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
5	05	OWA - >5 FT. OF DECON ENTRANCE IN TANK ROOM	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
6	06	OWA - >5 FT. OF SOUTH EAST SIDE OF FACILITY	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
7	07	OWA - >5 FT. OF PERSONAL DECON ENTRANCE	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
8	08	OWA - >5 FT. OF WASTE DECON ENTRANCE	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
9	09	OWA - >5 FT. OF NORTH EAST SIDE OF FACILITY	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
10	10	OWA - >5 FT. OF EAST SIDE OF FACILITY	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 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). Micrographs available upon request.

Zlatan Dimitrijevic
Laboratory Director

Moe Soliman
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

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11	11	OWA - >5 FT. OF DECON ENTRANCE IN TANK ROOM	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
12	12	OWA - >5 FT. OF SOUTH EAST SIDE OF FACILITY	1680	5	0.0097	0.049	0	None Detected	N/A	0	0	0.0047	< 20.62	< 0.0047
13	13	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
14	14	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
15	15	FIELD BLANK OPEN	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). Micrographs available upon request.



Zlatan Dimitrijevic
Laboratory Director



Moe Soliman
TEM Analyst

NYS ELAP ID # 12003

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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 / mm² 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 $< 1\%$. Similarly, 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.

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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

DATE: 07/23/26

SHIFT
1

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M	T	W	T	F	S	S
			☒			

PROJECT #: 8062430033

PROJECT SITE: 5 East Main St.

WORK AREA: Perimeter

TECHNICIAN: Vyacheslav Borovskiy NYS CERT #: 26-6243R-SHAB

ROTOMETER #: ALC-15

CALABRATION DATE: 06.23.25

MANAGER: Hinds

LABORATORY USE ONLY

LABORATORY PROJECT #:

TA26070078

FIELD SAMPLE ID NUMBER	DESCRIPTION LOCATION/ACTIVITY	SAMPLING PERIOD (MILITARY TIME)		Sample Time	CALIBRATION FLOW RATE		CAL. FLOW RATE AVERAGE	SAMPLE VOLUME (LITERS)	Fiber count per field	Airborne result F/cc
		START	STOP		PRE	POST				
OWA 1	5ft of Personal Decon entr.	7:30	12:10	280	6	6	6	1680		
1	5ft of Waste Decon entr.	7:32	12:12	280	6	6	6	1680		
3	5ft of Northeast side of Factory	7:34	12:14	280	6	6	6	1680		
4	5ft of east side of Factory	7:36	12:16	280	6	6	6	1680		
5	5ft of Decon entrance, in Tank room	7:38	12:18	280	6	6	6	1680		
6	5ft of southeast side of Factory	7:40	12:20	280	6	6	6	1680		
OWA 7	5ft of Personal Decon entrance	12:30	17:10	280	6	6	6	1680		
8	5ft of Waste Decon entrance	12:32	17:12	280	6	6	6	1680		
9	5ft of Northeast side of Factory	12:34	17:14	280	6	6	6	1680		
10	5ft of east side of Factory	12:36	17:16	280	6	6	6	1680		
11	5ft of Decon entrance, in Tank room	12:38	17:18	280	6	6	6	1680		
12	5ft of Southeast side of Factory	12:40	17:20	280	6	6	6	1680		

SAMPLE TYPE: ☐ BG - Background ☐ D - During ☐ DAF - During as Finals ☐ CLR - Clearance ☒ A - Ambient ☐ FB - Field Blank

RELINQUISHED BY: <u>Vyacheslav Borovskiy</u>	SIGNATURE: <u>[Signature]</u>	DATE:	TIME:	RECEIVED BY:	SIGNATURE: <u>MGW</u>	DATE: <u>7/23/26</u>	TIME: <u>6:10P</u>
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:

Turn Around Time

☒ Rush ☐ 8 Hours ☐ 24 Hours

☐ 6 Hours ☐ 12 Hours ☐ 3 Days

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M	T	W	T	F	S	S
			✓			

DATE: 01 / 23 / 26.

WORK AREA: Perimeter

ROTOMETER #: ALC-15 CALABRATION DATE: 06-23-26 MANAGER: Hinds

LABORATORY PROJECT #: TA26070048

SAMPLE TYPE: ☐ BG – Background ☐ D-During ☐ DAF – During as Finals ☐ CLR – Clearance ☒ A – Ambient ☐ FB – Field Blank

RELINQUISHED BY: <i>Vyacheslav Borovskiy</i>	SIGNATURE: <i>Borovskiy</i>	DATE:	TIME:	RECEIVED BY:	SIGNATURE: <i>MCW</i>	DATE: <i>7/23/26</i>	TIME: <i>6:10P</i>
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME: