

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 #: **80624B0033**
Location: **5 East Main Street**
Perimeter

Sampled By: V.B.
Sampled Date: 08/04/2026
Turnaround Time: 6 hrs

NY

Metro Lab ID #: **TA26080009**

Sample Received: 08/04/2026
Sample Type: Ambient
TEM Analysis Date: 08/04/2026
Reported By: Sharye Bethancourt
Report Date: 08/04/2026

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	1	OWA - >5FT OF PERSONAL DECON ENTRANCE	1260	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0046	<15.04	<0.0046
2	2	OWA - NORTH SECTION OF FACTORY	1260	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0046	<15.04	<0.0046
3	3	OWA - NORTH EAST SECTION OF FACTORY	1260	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0046	<15.04	<0.0046
4	4	OWA - >5FT OF WASTE DECON ENTRANCE	1260	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0046	<15.04	<0.0046
5	5	OWA - SOUTH EAST SECTION OF FACTORY	1260	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0046	<15.04	<0.0046
6	6	OWA - >5FT OF PERSONAL DECON ENTRANCE	1440	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
7	7	OWA - NORTH SECTION OF FACTORY	1440	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
8	8	OWA - NORTH EAST SECTION OF FACTORY	1440	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
9	9	OWA - >5FT OF WASTE DECON ENTRANCE	1440	6	0.0095	0.057	0	None Detected	N/A	0	0	0.0047	<17.54	<0.0047
10	10	OWA - SOUTH EAST SECTION OF FACTORY	1440	6	0.0095	0.057		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). Micrographs available upon request.

Zlatan Dimitrijevic
Laboratory Director

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TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

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11	11	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
12	12	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
13	13	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				

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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

TA26080009

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

SHIFT
1

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M	T	W	T	F	S	S

DATE: 08/04/26

PROJECT #: 80624B0033

PROJECT SITE: 5 East Main St.

WORK AREA: Perimeter

TECHNICIAN: Vyacheslav Borovhiy NYS CERT #: 26-62K5R-SHAB

ROTOMETER #: ALC-15

CALABRATION DATE: 06-23-26

MANAGER: Hinds.

LABORATORY USE ONLY

LABORATORY PROJECT #:

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 Decan entr.	7:30	11:00	260	6	6	6	1260		
	2	North section of Factory	7:32	11:02	260	6	6	6	1260		
	3	Northeast section of Factory	7:34	11:04	260	6	6	6	1260		
	4	>5ft of Waste Decan entrance.	7:36	11:06	260	6	6	6	1260		
	5	Southeast section of Factory	7:38	11:08	260	6	6	6	1260		
OWA	6	>5ft of Personal Decan entr.	11:20	15:20	240	6	6	6	1440		
	7	North section of Factory	11:22	15:22	240	6	6	6	1440		
	8	Northeast section of Factory	11:24	15:24	240	6	6	6	1440		
	9	>5ft of Waste Decan entrance.	11:26	15:26	240	6	6	6	1440		
	10	Southeast section of Factory	11:28	15:28	240	6	6	6	1440		
FB	11										
FB02	12/13										

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

RELINQUISHED BY: <u>Vyacheslav Borovhiy</u>	SIGNATURE: <u>[Signature]</u>	DATE:	TIME:	RECEIVED BY: <u>YS</u>	SIGNATURE: <u>[Signature]</u>	DATE: <u>8/4/26</u>	TIME: <u>4:00P</u>
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME: