

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: **Matthew P. Carreiro**
M: (347) 558-2059
E: matthew.carreiro@alcenvironemntal.com

Contract: **5 East main Street**
Client Job #: **80624B0033**
Location: **5 East main Street**
Perimeter

NY

Sampled By: V.B.
Sampled Date: 07/08/2026
Turnaround Time: 12 hrs

Metro Lab ID #: **TA26070016**

Sample Received: 07/08/2026
Sample Type: Ambient
TEM Analysis Date: 07/09/2026
Reported By: Cheryl David
Report Date: 07/09/2026

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	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
2	2	OWA - >5FT OF WASTE DECON ENTRANCE	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
3	3	OWA - >5FT OF AIRLOCK ENTRANCE	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
4	4	OWA - NORTH SIDE OF STEAM PLANT	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
5	5	OWA - NORTH EAST SIDE OF STEAM PLANT	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
6	6	OWA - EAST SIDE OF STEAM PLANT	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
7	7	OWA - SOUTH EAST SIDE OF STEAM PLANT	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
8	8	OWA - >5FT OF PERSONAL DECON ENTRANCE	1320	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0044	<15.04	<0.0044
9	9	OWA - >5FT OF WASTE DECON ENTRANCE	1320	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0044	<15.04	<0.0044
10	10	OWA - >5FT OF AIRLOCK ENTRANCE	1320	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0044	<15.04	<0.0044
Comments									Equipment	TEM SCOPE #2 - Hitachi H-7000				

**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

Antonio Cruz
TEM Analyst

NYS ELAP ID # 12003

NVLAP Lab Code 500081-0

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11	11	OWA - NORTH SIDE OF STEAM PLANT	1320	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0044	<15.04	<0.0044
12	12	OWA - NORTH EAST SIDE OF STEAM PLANT	1320	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0044	<15.04	<0.0044
13	13	OWA - EAST SIDE OF STEAM PLANT	1320	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0044	<15.04	<0.0044
14	14	OWA - SOUTH EAST SIDE OF STEAM PLANT	1320	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0044	<15.04	<0.0044
15	15	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
16	16	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
17	17	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 #2 - Hitachi H-7000				

**Air Sample Analysis by Transmission Electron Microscopy (TEM) adheres to Method EPA CFR Part 763 Final Rule (AHERA). Micrographs available upon request.

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Laboratory Director

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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: 07/08/26

SHIFT
1

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M	T	W	T	F	S	S
			✓			

PROJECT #: 806240033 PROJECT SITE: 5 East Main St WORK AREA: Perimeter

TECHNICIAN: Vyacheslav Doravkiy NYS CERT #: 26-62K3R-SHAB

ROTOMETER #: ALC-14 CALABRATION DATE: 06-23-26 MANAGER: Hinds

LABORATORY USE ONLY

LABORATORY PROJECT #: TA26070016

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 entrance.	7:30	10:56	200	6	6	6	1200		
2	>5ft of Waste Decon entrance.	7:32	10:52	200	6	6	6	1200		
3	>5ft of Airlock entrance.	7:34	10:54	200	6	6	6	1200		
4	North side of Steam Plant	7:36	10:56	200	6	6	6	1200		
5	Northeast side of Steam Plant	7:38	10:58	200	6	6	6	1200		
6	east side of Steam Plant	7:40	11:00	200	6	6	6	1200		
✓ 7	southeast side of Steam Plant	7:42	11:02	200	6	6	6	1200		
OWA 8	>5ft of Personal Decon entrance.	11:10	14:56	220	6	6	6	1320		
9	>5ft of Waste Decon entrance.	11:12	14:52	220	6	6	6	1320		
10	>5ft of Airlock entrance.	11:14	14:54	220	6	6	6	1320		
11	North side of Steam Plant	11:16	14:56	220	6	6	6	1320		
12	Northeast side of Steam Plant	11:18	14:58	220	6	6	6	1320		

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

RELINQUISHED BY: <u>Vyacheslav Doravkiy</u>	SIGNATURE: <u>[Signature]</u>	DATE: <u>07-08-26</u>	TIME:	RECEIVED BY: <u>ADLE</u>	SIGNATURE: <u>ALC</u>	DATE: <u>7/8/26</u>	TIME: <u>4:10P</u>
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:

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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: 07/08/26

SHIFT

7

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M	T	W	T	F	S	S
		☒				

PROJECT #: 80624B0033 PROJECT SITE: 5 East Main St. WORK AREA: Perimeter

TECHNICIAN: Vyacheslav Borovshiy NYS CERT #: 26-62432R-SHAB

ROTOMETER #: ALC-14 CALABRATION DATE: 06.23.26 MANAGER: Wind's

LABORATORY USE ONLY

LABORATORY PROJECT #: T220070016

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				
13	east side of steam plant	11:20	15:00	220	6	6	6	1320		
14	southeast side of steam plant	11:22	15:02	220	6	6	6	1320		
FB 15										
FB 16										
FB 17										

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

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