

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**

NY NY
Sampled By: V.B.
Sampled Date: 06/22/2026
Turnaround Time: 12 hrs

Metro Lab ID #: **TA26060067**

Sample Received: 06/22/2026
Sample Type: Ambient
TEM Analysis Date: 06/23/2026
Amended By: Nicole Piech
Amended Date: 06/26/2026

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 E-GRESS 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 PERSONAL DECON ENT.	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
3	3	OWA - >5FT OF WASTE DECON ENT.	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
4	4	OWA - >5FT SOUTH SIDE ENTRANCE	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
5	5	OWA - >5FT NORTH SIDE ENTRANCE	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
6	6	OWA - >5FT OF AIRLOCK ENTRANCE	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
7	7	OWA - >5FT OF SOUTH SECTION BASEMENT ENT.	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
8	8	OWA - >5FT SOUTH WEST SECTION, BASEMENT ENT	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
9	9	OWA - >5FT NORTH WEST SECTION, ENT	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
10	10	OWA - >5FT NORTH SECTION, ENT	1200	7	0.0095	0.067	0	None Detected	N/A	0	0	0.0048	<15.04	<0.0048
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	FB	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	FB	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	FBO	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

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: 06/22/26

PROJECT #: 8062460033 PROJECT SITE: 5 East Main St. WORK AREA: Perimeter

TECHNICIAN: Vyacheslav Borovskiy NYS CERT #: 26-6243R-SHA13

ROTOMETER #: ALC-16 CALABRATION DATE: 04.09.26 MANAGER: Hind's

LABORATORY USE ONLY

LABORATORY PROJECT #: T26060067

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				
SWA 1	>5ft off E-gress entrance	7:30	10:50	200	6	6	6	1200		
2	>5ft off Personal Deron ent.	7:32	10:52	200	6	6	6	1200		
3	>5ft off Waste Deron entr.	7:34	10:54	200	6	6	6	1200		
4	>5ft off South side entrance	7:36	10:56	200	6	6	6	1200		
5	>5ft off North side entrance	7:38	10:58	200	6	6	6	1200		
SWA 6	>5ft off Airlock entrance.	11:30	14:50	200	6	6	6	1200		
7	>5ft, south section Basement entr.	11:32	14:52	200	6	6	6	1200		
8	>5ft, southwest section, Basement entr.	11:34	14:54	200	6	6	6	1200		
9	>5ft Northwest section, ent.	11:36	14:56	200	6	6	6	1200		
10	>5ft North section, entr.	11:38	14:58	200	6	6	6	1200		
FB 11	—	—	—	—	—	—	—	—		
FB/FB 12/13	—	—	—	—	—	—	—	—		

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: <u>HADELL</u>	SIGNATURE: <u>ALC</u>	DATE: <u>6/22/26</u>	TIME: <u>4:20P</u>
RELINQUISHED BY:	SIGNATURE:	DATE:	TIME:	RECEIVED BY:	SIGNATURE:	DATE:	TIME:

Email Results to: bianca.colon@alcenvironmental.com; adriana.tula@alcenvironmental.com; nicholas.ouatar@alcenvironmental.com; audley.hinds.alc@alcenvironmental.com; pat.mullo@alcenvironmental.com
engel.perez@alcenvironmental.com