

# 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](mailto:Pat.Mullo@alcenvironmental.com)

Contract: **5 East Main Street**  
Client Job #: **80624B0033**  
Location: **5 East Main Street**  
**Perimeter**  
  
Sampled By: V.B.  
Sampled Date: 08/24/2026  
Turnaround Time: 6 hrs  
  
NY

Metro Lab ID #: **TA26080075**  
  
Sample Received: 08/24/2026  
Sample Type: During  
TEM Analysis Date: 08/25/2026  
Reported By: Sean Gonzalez Villamar  
Report Date: 08/25/2026

## Summary of Analysis

| LAB ID # | Client Sample # | Sample Description                      | Volume (L) | # Grids Read | Grid Opening (mm <sup>2</sup> ) | Total Area Analyzed (mm <sup>2</sup> ) | # Non-Asbestos Structures | Asbestos Type(s) | Micrograph # | 0.5u - 5 u                   | >5u | Sensitivity (S/cc) | Asbestos (S/mm <sup>2</sup> ) | Asbestos (S/cc) |
|----------|-----------------|-----------------------------------------|------------|--------------|---------------------------------|----------------------------------------|---------------------------|------------------|--------------|------------------------------|-----|--------------------|-------------------------------|-----------------|
| 1        | 01              | OWA - >5FT OF PERSONAL DECON ENTRANCE   | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 2        | 02              | OWA - NORTH SECTION OF STEAM PLANT      | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 3        | 03              | OWA - NORTH EAST SECTION OF STEAM PLANT | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 4        | 04              | OWA - >5FT OF WASTE DECON ENTRANCE      | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 5        | 05              | OWA - SOUTH EAST SECTION OF STEAM PLANT | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 6        | 06              | OWA - >5FT OF PERSONAL DECON ENTRANCE   | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 7        | 07              | OWA - NORTH SECTION OF STEAM PLANT      | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 8        | 08              | OWA - NORTH EAST SECTION OF STEAM PLANT | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 9        | 09              | OWA - >5FT OF WASTE DECON ENTRANCE      | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 10       | 10              | OWA - SOUTH EAST SECTION OF STEAM PLANT | 1620       | 6            | 0.0095                          | 0.057                                  | 0                         | None Detected    | N/A          | 0                            | 0   | 0.0042             | < 17.54                       | < 0.0042        |
| 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

Michael Issa  
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        | 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        | 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

Michael Issa  
TEM Analyst

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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 / mm<sup>2</sup> 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.

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  
1 Page 1 of 1

|                                     |   |   |   |   |   |   |
|-------------------------------------|---|---|---|---|---|---|
| M                                   | T | W | T | F | S | S |
| <input checked="" type="checkbox"/> |   |   |   |   |   |   |

DATE: 08/24/26

PROJECT #: 80624B0033 PROJECT SITE: 5 East Main St. WORK AREA: Perimeter.  
TECHNICIAN: Vyacheslav Boraskiy NYS CERT #: 26-62K3R  
ROTOMETER #: ALC-15 CALABRATION DATE: 06-23-26 MANAGER: Hind's

LABORATORY USE ONLY

LABORATORY PROJECT #: TA26080075

| 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  | 8:00                            | 12:30 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 2                      | North section of Steam Plant     | 8:02                            | 12:32 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 3                      | Northeast section of Steam Plant | 8:04                            | 12:34 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 4                      | >5ft of Waste Decon entrance     | 8:06                            | 12:36 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 5                      | Southeast section of Steam Plant | 8:08                            | 12:38 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| OWA 6                  | >5ft of Personal Decon entrance  | 12:50                           | 17:20 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 7                      | North section of Steam Plant     | 12:52                           | 17:22 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 8                      | Northeast section of Steam Plant | 12:54                           | 17:24 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 9                      | >5ft of Waste Decon entrance     | 12:56                           | 17:26 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| 10                     | Southeast section of Steam Plant | 12:58                           | 17:28 | 270         | 6                     | 6    | 6                     | 1620                   |                       |                      |
| FB 11                  |                                  |                                 |       |             |                       |      |                       |                        |                       |                      |
| FB02 12/13             |                                  |                                 |       |             |                       |      |                       |                        |                       |                      |

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

|                                                |                                  |                          |       |              |                          |                          |                       |
|------------------------------------------------|----------------------------------|--------------------------|-------|--------------|--------------------------|--------------------------|-----------------------|
| RELINQUISHED BY:<br><u>Vyacheslav Boraskiy</u> | SIGNATURE:<br><u>[Signature]</u> | DATE:<br><u>08/24/26</u> | TIME: | RECEIVED BY: | SIGNATURE:<br><u>MLV</u> | DATE:<br><u>08/24/26</u> | TIME:<br><u>6:33P</u> |
| RELINQUISHED BY:                               | SIGNATURE:                       | DATE:                    | TIME: | RECEIVED BY: | SIGNATURE:               | DATE:                    | TIME:                 |