METRO ANALYTICAL LABORATORIES
255 West 36th St., Suite #101
New York, NY 10018
p: (212) 695-0165 f: (212) 695-0183

# 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 #:
Location: **5 East Main Street**
**Boiler Room**
**Manhattan** **NY**

Sampled By: A.A.H.
Sampled Date: 10/13/2026
Turnaround Time: 6 hrs

**Metro Lab ID #:** **TA26100028**

Sample Received: 10/13/2026
Sample Type: During
TEM Analysis Date: 10/14/2026
Reported By: Marian Zaki
Report Date: 10/14/2026

## 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 | S.W. OF PERSONAL DECON ENTRANCE WITHIN 5 FEET | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <17.54 | <0.0047 |
| 2 | 02-OWA | NORTH OF BOILER ROOM BY MICROTRAP EXHAUST | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <17.54 | <0.0047 |
| 3 | 03-OWA | WEST OF BOILER ROOM BY MICROTRAP EXHAUST | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <17.54 | <0.0047 |
| 4 | 04-OWA | SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <17.54 | <0.0047 |
| 5 | 05-OWA | S.E. OF BOILER ROOM BY CRITICAL | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <17.54 | <0.0047 |
| 6 | 06-OWA | NORTH EAST OF BOILER ROOM ENTRANCE | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <17.54 | <0.0047 |
| 7 | 07-OWA | EAST OF WASTE DECON ENTRANCE WITHIN 5 FEET | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <17.54 | <0.0047 |
| 8 | 08-OWA | S.W. OF PERSONAL DECON ENTRANCE WITHIN 5 FEET | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0043 | <17.54 | <0.0043 |
| 9 | 09-OWA | NORTH OF BOILER ROOM BY MICROTRAP EXHAUST | 1440 | 6 | 0.0095 | 0.057 | 0 | None Detected | N/A | 0 | 0 | 0.0043 | <17.54 | <0.0043 |
| 10 | 10-OWA | WEST OF BOILER ROOM BY MICROTRAP EXHAUST | 1236 | 7 | 0.0095 | 0.067 | 0 | None Detected | N/A | 0 | 0 | 0.0047 | <15.04 | <0.0047 |

Comments

Equipment PCM SCOPE #1 - Olympus CHS No. 6J0145

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

Zlatan Dimitrijevic
Laboratory Director

Zlatan Dimitrijevic
TEM Analyst

**NYS ELAP ID # 12003**

**NVLAP Lab Code 500081-0**

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# ASBESTOS ANALYSIS of AIR SAMPLE by TRANSMISSION ELECTRON MICROSCOPY

| | | | | | |
|---|---|---|---|---|---|
| Client: | **ALC Environmental** | Contract: | **5 East Main Street** | **Metro Lab ID #:** | **TA26100028** |
| Address: | 158 West 27th Street 8th Floor | Client Job #: | | | |
| | New York NY 10001 | Location: | **5 East Main Street** | | |
| | P: (212) 675-5544 F: (212) 675-4698 | | **Boiler Room** | Sample Received: | 10/13/2026 |
| | | | **Manhattan** **NY** | Sample Type: | During |
| Contact: | **Pat Mullo** | Sampled By: | A.A.H. | TEM Analysis Date: | 10/14/2026 |
| | M: (646) 529-6529 | Sampled Date: | 10/13/2026 | Reported By: | Marian Zaki |
| | E: Pat.Mullo@alcenvironmental.com | Turnaround Time: | 6 hrs | Report Date: | 10/14/2026 |

## 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **11** | **11-OWA** | SOUTH OF BOILER ROOM BY MICROTRAP EXHAUST | 1518 | 6 | 0.0095 | 0.067 | 0 | **None Detected** | N/A | 0 | 0 | 0.0044 | **<17.54** | **<0.0044** |
| **12** | **12-OWA** | S.E. OF BOILER ROOM BY CRITICAL | 1500 | 6 | 0.0095 | 0.057 | 0 | **None Detected** | N/A | 0 | 0 | 0.0045 | **<17.54** | **0.0045** |
| **13** | **13-OWA** | NORTH EAST OF BOILER ROOM ENTRANCE | 1464 | 6 | 0.0095 | 0.057 | 0 | **None Detected** | N/A | 0 | 0 | 0.0046 | **<17.54** | **<0.0046** |
| **14** | **14-OWA** | EAST OF WASTE DECON ENTRANCE WITHIN 5 FEET | 1440 | 6 | 0.0095 | 0.057 | 0 | **None Detected** | N/A | 0 | 0 | 0.0047 | **<17.54** | **<0.0047** |
| **15** | **15** | F/B | 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** | F/B | 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** | S/B | N/A | N/A | N/A | N/A | N/A | **Not Analyzed** | N/A | N/A | N/A | N/A | **N/A** | **N/A** |
| | | | | | | | | | | | | | | |
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Comments

Equipment PCM SCOPE #1 - Olympus CHS No. 6J0145

**Air Sample Analysis by Transmission Electron Microscopy (TEM) adheres to Method EPA CFR Part 763 Final Rule (AHERA). Migrographs 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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# Report Notes

## 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 / $mm^2$ 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%. Smiliarly, 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.

ALC ENVIRONMENTAL
CONSULTING | MANAGEMENT | TRAINING

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 2

M ~~T~~ W T F S S

DATE: 10/13/26

PROJECT #: _____ PROJECT SITE: 5 EAST MAIN ST. MANHATTAN NY WORK AREA: BOILER ROOM

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-62 QIC SHAB

ROTOMETER #: ALC 010 CALABRATION DATE: 9-17-26 MANAGER: PAT MULLO

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA26100028

| FIELD SAMPLE ID NUMBER | | DESCRIPTION LOCATION/ACTIVITY | SAMPLIING PERIOD (MILITARY TIME) START | STOP | Sample Time | CALIBRATION FLOW RATE PRE | POST | CAL. FLOW RATE AVERAGE | SAMPLE VOLUME (LITERS) | Fiber count per field | Airborne result F/cc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | OWA | SW OF PERSONAL DECON ENTRANCE WITHIN SFT | 0705 | 1105 | 240 | 6 | 6 | 6 | 1440 | | |
| 02 | OWA | NORTH OF BOILER RM BY MICROTRAP EXHAUST | 0707 | 1107 | 240 | 6 | 6 | 6 | 1440 | | |
| 03 | OWA | WEST OF BOILER RM BY MICROTRAP EXHAUST | 0709 | 1109 | 240 | 6 | 6 | 6 | 1440 | | |
| 04 | OWA | SOUTH OF BOILER RM BY MICROTRAP EXHAUST | 0711 | 1111 | 240 | 6 | 6 | 6 | 1440 | | |
| 05 | OWA | SE OF BOILER RM BY CRITICAL | 0713 | 1113 | 240 | 6 | 6 | 6 | 1440 | | |
| 06 | OWA | NORTH EAST OF BOILER RM ENTRANCE | 0717 | 1117 | 240 | 6 | 6 | 6 | 1440 | | |
| 07 | OWA | EAST OF WASTE DECON ENT WITHIN SFT | 0720 | 1120 | 240 | 6 | 6 | 6 | 1440 | | |
| 08 | OWA | S.W OF PERSONAL DECON ENTRANCE WITHIN SFT | 1106 | 1529 | 263 | 6 | 6 | 6 | 1578 | | |
| 09 | OWA | NORTH OF BOILER RM BY MICROTRAP EXHAUST | 1108 | 1527 | 259 | 6 | 6 | 6 | 1554 | | |
| 20 | OWA | WEST OF BOILER RM BY MICROTRAP EXHAUST | 1110 | 1526 | 256 | 6 | 6 | 6 | 1536 | | |
| 11 | OWA | SOUTH OF BOILER RM BY MICROTRAP EXHAUST | 1112 | 1525 | 253 | 6 | 6 | 6 | 1518 | | |
| 12 | OWA | SE OF BOILER RM BY CRITICAL | 1114 | 1524 | 250 | 6 | 6 | 6 | 1500 | | |

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

| RELINQUISHED BY: | SIGNATURE: | DATE: | TIME: | RECEIVED BY: | SIGNATURE: | DATE: | TIME: |
|---|---|---|---|---|---|---|---|
| AUDLEY A HINDS | Audley A Hinds | 10-13-26 | | ADLE | ALC | 10/13/26 | 5:45P |
| AUDLEY A HINDS | Audley A Hinds | 10-13-26 | | | | | |

Email Results to: bianca.colon@alcenvironmental.com; adriana.tula@alcenvironmental.com; nicholas.outar@alcenvironmental.com; audley.hinds.alc@alcenvironmental.com; pat.mullo@alcenvironmental.com
[illegible]@alcenvironmental.com

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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



| M | T | W | T | F | S | S |
|---|---|---|---|---|---|---|
| 8 | | | | | | |

DATE: 10/13/25

PROJECT #: _____ PROJECT SITE: _____ WORK AREA: BOILER ROOM

TECHNICIAN: AUDLEY A HINDS NYS CERT #: 26-6290IC SHAB

ROTOMETER #: ALC 010 CALABRATION DATE: 9-17-26 MANAGER: PAT MULLO

LABORATORY USE ONLY
LABORATORY PROCJECT #: TA2610000 28

| FIELD SAMPLE ID NUMBER | | DESCRIPTION LOCATION/ACTIVITY | SAMPLIING PERIOD (MILITARY TIME) START | STOP | Sample Time | CALIBRATION FLOW RATE PRE | POST | CAL. FLOW RATE AVERAGE | SAMPLE VOLUME (LITERS) | Fiber count per field | Airborne result F/cc |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | OUT | NORTH EAST OF BOILER RM ENTRANCE | 1118 | 1522 | 244 | 6 | 6 | 6 | 1464 | | |
| 14 | OUT | EAST OF WAST DECON ENTRANCE WITHIN 5FT | 1121 | 1521 | 240 | 6 | 6 | 6 | 1440 | | |
| 15 | | F/B | | | | | | | | | |
| 16 | | F/B | | | | | | | | | |
| 17 | | O/B | | | | | | | | | |
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SAMPLE TYPE: ☐ BG – Background ☑ D-During ☐ DAF – During as Finals ☐ CLR – Clearance ☐ A – Ambient ☐ FB – Field Blank

| RELINQUISHED BY: | SIGNATURE: | DATE: | TIME: | RECEIVED BY: | SIGNATURE: | DATE: | TIME: |
|---|---|---|---|---|---|---|---|
| AUDLEY A HINDS | Audley A Hinds | 10.13.26 | | [illegible] | [illegible] | 10/13/26 | 5:45P |
| RELINQUISHED BY: | SIGNATURE: | DATE: | TIME: | RECEIVED BY: | SIGNATURE: | DATE: | TIME: |
| AUDLEY A HINDS | Audley A Hinds | 10.13.26 | | | | | |

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