NYC 9/11 Public Portal Document

# TEM Asbestos (air) Count Sheet

| | | | |
|---|---|---|---|
| **Client Name:** | NYC BOE | **Volume (liters):** | 1920 |
| **Lab Group #:** | 7824 | **Filter Type / Filter Area:** | MCE 385 mm² |
| **Lab Sample #:** | 21 | **Grid Opening Size:** | 0.01124 |
| **Client Sample #:** | 21 | **Area Examined:** | 0.04496 mm² |
| **GRID BOX:** | 1158 | **Magnification:** | 20,000 |
| **GRID ID:** | 9MC | **Accelerating Voltage:** | 100 KeV |
| **# Grid Openings:** | 4 | **Analysis Date:** | 5/21/02 |

**Analysis Performed By:** MARK PEYSAKHOV

| GO. | | Structure No | Structure Type | | | | Length | | ID of Structure N or √ | | | | EDS (Nonadb Elements) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No | Coord | | F | B | C | M | >=05 µ <5µ | >=5µ | Chrys | Amphibole | Nonasb | Ambig/ND | |
| 1 | H1 | NSO | | | | | | | | | | | |
| 2 | N1 | — | | | | | | | | | | | |
| 3 | O1 | — | | | | | | | | | | | |
| 4 | C1 | — | | | | | | | | | | | |

Struct = > 0.5µ > 5:1 Aspect Ratio

√= Positive diffraction pattern properties conforming to laboratory identification criteria observed

√= EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber

B = Bundle (<3 fibers <1 fiber diameter apart

C = Cluster (>3 Intersections)

M = Matrix

NSD = No Structures Detected

Grid acceptance:

<50% undissolved filter, overlapped or folded <10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES

Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

**Totals**

| | F | B | C | M | >5µ |
|---|---|---|---|---|---|
| Chrysotile | | | | | |
| Amphibole | | | | | |
| Ambiguous | | | | | |
| Non-Asbestos | | | | | |
| Non-Identified | | | | | |



NYC-WTC_000207081