NYC 9/11 Public Portal Document

# TEM Asbestos (air) Count Sheet

| | | | |
|---|---|---|---|
| Client Name: | NYC BOE | Volume (liters): | 1960 |
| Lab Group #: | 7185 | Filter Type / Filter Area: | MCE 385 mm² |
| Lab Sample #: | 12 | Grid Opening Size: | 0.01124 |
| Client Sample #: | 12 | Area Examined: | 0.04496 mm² |
| GRID BOX: | 965 | Magnification: | 20,000 |
| GRID ID: | 9PR | Accelerating Voltage: | 100 KeV |
| # Grid Openings: | 4 | Analysis Date: | 3/23/02 |

**Analysis Performed By:** RP

ROMAN PEYSAKHOV

| GO. No | GO. Coord | Structure No | Structure Type F | B | C | M | Length >=05 µ <5µ | >=5µ | ID of Structure N or √ Chrys | Amphibole | Nonasb | Ambig/ND | EDS (Nonadb Elements) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9P 1 | J2 | NSD | | | | | | | | | | | |
| 2 | Q2 | 4 | | | | | | | | | | | |
| 3 | P6 | 4 | | | | | | | | | | | |
| 4 | I6 | 4 | | | | | | | | | | | |
| 9R | | | | | | | | | | | | | |

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 | | | | | |



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