NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1944
Lab Group:	5970	Filter Type / Filter Area:	MCE 385 mm²
Lab Sample #:	4	Grid Opening Size:	0.01124
Client Sample #:	4	Area Examined:	0.04496 mm²
GRID BOX:	574	Magnification:	20,000
GRID ID:	1AB	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	11/25/01

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 V Chrys	Amphibole	Nonasb	Ambig/ND	EDS (Nonadb Elements)
1A	1 P2	NSD											
	2 F2	4											
1	3 D2	4											
	4 E2	11											
1B													

Struct = ≥ 0.5 µ 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 fibers, sections)

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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