NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	**Volume (liters):**	1808
Lab Group #:	6843	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	6	**Grid Opening Size:**	0.01124
Client Sample #:	09	**Area Examined:**	0.04496 mm²
GRID BOX:	B56	**Magnification:**	20,000
GRID ID:	F05-O	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	2/27/02

Analysis Performed By: MARK PEYSAKHOV

GO. No Coord	Structure Nc	Structure Type F	B	C	M	Length >=05 µ <5µ	>=5µ	ID of Structure N or √ Chrys	Amphibole	Nonasb	Ambig/ND	EDS (Nonadb Elements)
1 09	1	✓				✓		✓				
40	2	✓				✓		✓				
	3	✓				✓		✓				
	4	✓				✓		✓				
	5-8	✓			✓	5		✓				
2 HG	10-20	✓			✓	8	3	✓				
3 KH	21-28	✓			✓	5	3	✓				
50 4 KF	29-FF	✓	✓		✓	11	5	✓				

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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