NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

sample area analyzed 

Client Name	GCI Environmental Advisory, Inc.		
Job #:	201092023	Volume (liters):	1 482.0
Lab Sample #:	12	Filter Type / Filter Area:	MCE 385 mm2
Client Sample #:	140-916- 12	Grid Opening Size	0.01000
Received:	09/17/2001 02:10:00	Area Examined	0.06000 mm2
Date Analyzed:	09/17/2001	Magnification	20,000
Scope #:		Accelerating Voltage	100 KeV

Analysis Performed by: Aleksandr Barengolts

Location	Grid Opening	Fiber .	Length µM	Width µM	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
C1-4/6C	1	NSD								
C1-4/6E	2	NSD								
C1-4/6F	3	NSD								
C1-4/6G	4	NSD								
C2-4/4C	5	NSD								
C2-4/4E	6	NSD								

NSD: No Asbestos Structures Detected

Comments

		Structure Density (str/mm2)	Concentration (str/cc air)
Total Grid Openings:	6		
Chrysotile Asbestos Structures:	0	<16.7	<0.0043
Amphibole Asbestos Structures	0	<16.7	<0.0043
Asbestos Structures >=5 microns	0	<16.7	<0.0043
Total Non-Asbestos Structures:			
Total Asbestos Structures:	0	<16.7	<0.0043
Analytical Sensitivity:		16.7	

Grid Evaluation

- ☒ Grid Openings Covered > 50%
- ☒ Intact Grid Opening > 50%
- ☒ Undissolved Filter < 10%
- ☒ Folded Replica < 50%
- ☒ Filter Loading < 10
- ☒ Particulate Even