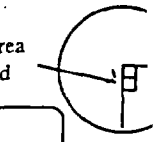
NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

sample area analyzed



Client Name: HP ENVIRONMENTAL, INC.
Job #: 101101001
Lab Sample #: 05
Client Sample #: ET-TRL-0929-P2
Received: 10/01/2001 02:00:17
Date Analyzed: 10/01/2001
Scope #: 4

Volume (liters): 374.0
Filter Type / Filter Area: MCE 385 mm2
Grid Opening Size: 0.01003
Area Examined: 0.10030 mm2
Magnification: 20,000
Accelerating Voltage: 100 KeV

Analysis Performed by: W. H.
Whitney Hill

Location	Grid Opening	Fiber	Length µM	Width µM	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
B10-C4/1	1	NSD							☐	
B10-E4/1	2	1	1.1	.06	Chrysotile	Fiber	Mg, Si, Fe	\	☒	
B10-F4/1	3	NSD							☐	
B10-G4/1	4	NSD							☐	
B10-H4/1	5	1	3.0	.06	Chrysotile	Fiber	Mg, Si, Fe	\	☒	
C6-C4/4	6	NSD							☐	
C6-E4/4	7	NSD							☐	
C6-F4/4	8	NSD							☐	
C6-G4/4	9	NSD							☐	
C6-H4/4	10	NSD							☐	

NSD: No Asbestos Structures Detected

Comments

		Structure Density (str/mm2)	Concentration (str/cc air)
Total Grid Openings:	10		
Chrysotile Asbestos Structures:	2	19.9	0.0205
Amphibole Asbestos Structures:	0	<10	<0.0103
Asbestos Structures >=5 microns:	0	<10	<0.0103
Total Non-Asbestos Structures:			
Total Asbestos Structures:	2	19.9	0.0205
Analytical Sensitivity:		10	0.0103

Grid Evaluation

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

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