

TEM Asbestos (air) Count Sheetsample area
analyzed

Client Name: HP ENVIRONMENTAL, INC.		Volume (liters): 570.0	
Job #: 101101001		Filter Type / Filter Area: MCE 385 mm2	
Lab Sample #: 04		Grid Opening Size: 0.01003	
Client Sample #: ET-TRL-0929-A3		Area Examined: 0.10030 mm2	
Received: 10/01/2001 02:00:17		Magnification: 20,000	
Date Analyzed: 10/01/2001		Accelerating Voltage: 100 KeV	
Scope #: 4			

Analysis Performed by:

Whitney Hill

Location	Grid Opening	Fiber	Length μ M	Width μ M	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
B8-C3/3	1	NSD							☐	
B8-E3/3	2	NSD							☐	
B8-F3/3	3	1	2.5	.06	Chrysotile	Matrix	Mg, Si, Fe	/	☒ 40056	40056
B8-G3/3	4	1	1.0	.06	Chrysotile	Matrix	Mg, Si, Fe	/	☒	
B8-G3/3	4	2	1.30	.06	Chrysotile	Fiber	Mg, Si, Fe		☒	
B8-H3/3	5	NSD							☐	
B9-C3/3	6	NSD							☐	
B9-E3/3	7	1	4.6	.06	Chrysotile	Cluster	Mg, Si, Fe	*	☒	
B9-E3/3	7	2	1.75	.06	Chrysotile	Fiber	Mg, Si, Fe	\	☒	
B9-E3/3	7	3	1.0	.06	Chrysotile	Fiber	Mg, Si, Fe	/	☒	
B9-E3/3	7	4	12.75	.06	Chrysotile	Matrix	Mg, Si, Fe	/	☒	
B9-E3/3	7	5	1.5	.06	Chrysotile	Fiber	Mg, Si, Fe	/	☒	
B9-F3/3	8	1	1.25	.06	Chrysotile	Matrix	Mg, Si, Fe		☒	
B9-G3/3	9	1	2.25	.06	Chrysotile	Matrix	Mg, Si, Fe		☒	
B9-H3/3	10	1	2.30	.06	Chrysotile	Matrix	Mg, Si, Fe	\	☒	

NSD: No Asbestos Structures Detected

Comments

	Structure Density (str/mm2)	Concentration (str/cc air)	Grid Evaluation
Total Grid Openings: 10			☒ Grid Openings Covered > 50%
Chrysotile Asbestos Structures: 11	109.7	0.0741	☒ Intact Grid Opening > 50%
Amphibole Asbestos Structures: 0	<10	<0.0067	☒ Undissolved Filter < 10%
Asbestos Structures >=5 microns: 1	10.0	0.0067	☒ Folded Replica < 50%
Total Non-Asbestos Structures:			☒ Filter Loading < 10%
Total Asbestos Structures: 11	109.7	0.0741	☒ Particulate Even
Analytical Sensitivity:	10	0.0067	

06.002248

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SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008