NYC 9/11 Public Portal Document

SciLab Job #: **202012746**

Client Name: TRC Environmental Corporation

Table I

Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (ASTM 5755 Dust)

35052-0000-00002; New York City Law Department; 100 Church Street

SciLab Sample #	Client Sample #	Surface Area Sampled (sq. cm)	Dilution Factor	Asbestos Structures Detected	* Analytical Sensitivity on Grid (Str / sq mm)	Structure Density on Grid (Str / sq mm)	* Analytical Sensitivity on Surface (Str / sq. cm)	Structure Density on Surface (Str/ sq. cm)	Type of Asbestos
01	JD012102MV21SAH15	100.0	0.020	1	10	10.0	1,070	1,070	chrysotile
	21st Floor; Supply Air Handler #15-Mixing Chamber Base of Cooling Coils								
02	JD012102MV21SAH11	100.0	0.005	11	10	110.0	4,280	47,080	chrysotile
	21st Floor; Supply Air Handler #11-Mixing Chamber Base of Cooling Coils								
03	JD012102MV21RAHF12	100.0	0.100	143	33.3	4,766.7	713	102,006	chrysotile
	21st Floor; Return Air Handler-Fan #12 Floor of Air Duct								
04	JD012102MV21SAH10	100.0	0.020	0	10	<10	1,070	<1,070	NSD
	21st Floor; Supply Air Handler #10-Mixing Chamber-Base of Cooling Coils								
05	JD012102MV21SAH08	100.0	0.020	3	10	30.0	1,070	3,210	chrysotile
	21st Floor; Supply Air Handler #08-Mixing Chamber-Base of Cooling Coils								
06	JD012102MV21SAH07	100.0	0.020	1	10	10.0	1,070	1,070	chrysotile
	21st Floor; Supply Air Handler #07-Mixing Chamber-Base of Cooling Coils								
07	JD012102MV21SAH14	100.0	0.100	0	25	<25	535	<535	NSD
	21st Floor; Supply Air Handler #14-Mixing Chamber-Base of Cooling Coils								
08	JD012102MV21RAHF09	100.0	0.100	0	25	<25	535	<535	NSD
	Return Air handler-Fan #09								
09	JD012102MV21SAH01	100.0	0.002	6	10	60.0	8,560	51,360	chrysotile
	7th Floor; Supply Air Handler #01-Mixing Chamber-Base of Cooling Coils								
10	JD012102MV07RAH20	100.0	0.100	13	25	325.0	535	6,955	chrysotile
	7th Floor; Return Air Handler-Fan #20-Base of Duct								
11	JD012102MV07SAH02	100.0	0.010	17	10	170.0	2,140	36,380	chrysotile
	7th Floor; Supply Handler#02; Mixing Chamber-Base of Cooling Coils								
12	JD012102MV07SAH03	100.0	0.020	34	10	340.0	1,070	36,380	chrysotile
	7th Floor; Supply Handler#03-Mixing Chamber-Base of Cooling Coils								
13	JD012102MV07SAH04	100.0	0.005	9	10	90.0	4,280	38,520	chrysotile
	7th Floor; Supply Handler#04-Mixing Chamber-Base of Cooling Coils								
14	JD012102MV07RAHF21	100.0	0.100	1	25	25.0	535	535	chrysotile
	7th Floor; Return Air Handler-Fan #21-Base of Duct								

* structure density represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By: _____; Analyzed By: _____ Date: 1/23/02

Aleksandr Barengolts

JAN-24-2002 11:30 SCIENTIFIC LABS 212 679 9392 P.02/06

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15	JD012102MV0604 6th Floor; Supplemental Supply Air Handler	100.0	0.100	3	25	75.0	535	1,605	chrysotile
16	JD012102MVJD012102MV504 5th Floor; Supplemental Supply Air Handler-Cafeteria Outside of A/C Room <Note: Dust is Insul.>	100.0	0.100	0	25	<25	535	<535	NSD
17	JD012102MV0404 4th Floor; Supplemental Supply Air Handler-Duct in Word Processing Area	100.0	0.100	1	25	25.0	535	535	chrysotile
18	JD012102MV0304 3rd Floor; Supplemental Supply Air Handler-Duct in Conference Room by Lobby Area	100.0	0.100	0	25	<25	535	<535	NSD
19	JD012102MV2003 20th Floor; Supplemental Supply Air Unit-In Law Room	100.0	0.040	123	25	3,075.0	1,337	164,512	chrysotile
20	JD012102MV0405 4th Floor; Microvac Sample-Ceiling Tile-SW Side of Floor	100.0	0.100	1	25	25.0	535	535	chrysotile
21	JD012102MV0406 4th Floor; Microvac Sample-Induction Unit-SW Corner Office	100.0	0.100	2	25	50.0	535	1,070	chrysotile
22	JD012102MV0505 5th Floor; Microvac Sample-Ceiling Tile; SW Area of Floor	100.0	0.040	0	16.7	<16.7	891	<891	NSD
23	JD012102MV0506 5th Floor; Microvac Sample-Induction Unit	100.0	0.100	0	25	<25	535	<535	NSD
24	JD012102MV0605 6th Floor; Microvac Sample-Ceiling Tile	100.0	0.100	0	25	<25	535	<535	NSD
25	JD012102MV0606 6th Floor; Microvac Sample-Induction Unit	100.0	0.100	5	25	125.0	535	2,675	chrysotile
26**	JD012102MVBLANK03 Blank Sample #03				I				
27**	JD012102MVBLANK04 Blank Sample #04				I				

* structure density represented by the detection of 1 structure
** not analyzed
NSD: No Asbestos Structures Detected

Reviewed By: _____; Analyzed By: Aleksandr Barengolts Date: 1/23/02

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