

SciLab Job #: 203034111

Client Name: JLC Environmental Consultants

Table I

Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)

03-2744; NYCDEP; 114 Liberty St.; NY, NY/POST-ABATE

SciLab Sample #	Client Sample #	Dilution Factor	Air Filtered (liters)	Area Analyzed (sq. mm.)	* Analytical Sensitivity (struc/cc air)	Asbestos Structures Detected (Microns)			Structure Density (struc/sq. mm.)		Structure Concentration (struc/cc air)		Type of Asbestos
						0.5-5.0	>5.0	Total	>5.0	Total	>5.0	Total	
01	009448		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: Room I (Kitchen) Adj. to Microtrap Inside W/Area 12th Floor												
02	009449		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: At the Center of the Restroom Inside the W/Area 12th Floor												
03	009450		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: At the Northern Side of Room II (Sitting Room) Inside the W/Area 12th Floor												
04	009451		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: At the Southern Side of Room II (Sitting Room) Inside W/Area 12th Floor												
05	009452		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: At the Center of the Closet Adj. to Room II Inside the W/Area 12th Floor												
06	009453		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: Room I Entrance Opposite the Elevator Inside the W/Area of 11th Floor												
07	009454		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: Room II Adj. to the Staircase inside W/Area of 11th Floor												
08	009455		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: Room III Entrance Opposite to the Staircase Inside W/Area of 11th Floor												
09	009456		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: Room IV Entrance Adj. to the Hallway Inside W/Area of 11th Floor												
10	009457		3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
	FINAL: Room V Southern End of the Hallway Inside the W/Area of 11th Floor.												
11**	009458		3600										
	FINAL: 10th Floor, Living Room, Center of Room "Sample Overloaded w/Particulate-Unable To Analyze"												
12**	009459		3600										
	FINAL: 10th Floor, NW Bedroom "Sample Overloaded w/Particulate-Unable To Analyze"												
13**	009560		3600										
	FINAL: 10th Floor, NE Side of Dining Room "Sample Overloaded w/Particulate-Unable To Analyze"												
14**	009461		3600										
	FINAL: 10th Floor, Center of Kitchen "Sample Overloaded w/Particulate-Unable To Analyze"												

* concentration represented by the detection of 1 structure
 ** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By:

Analyzed By:

Date: 3/31/03

Paul J. Mucha

NVLAP#: 200546-0

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						0.5-5.0	5.0	Total	>5.0	Total	
15**	009462		3600								
	FINAL: 10th Floor, Center SW Bedroom "Sample Overloaded w/Particulate-Unable To Analyze"										
16	009463		3600	.24	0.0004	13.0	4.0	17.0	16.7	70.8	chrysotile
	FINAL: 9th Floor, Center of Living Room										
17	009464		3600	.24	0.0004	34.0	4.0	38.0	16.7	158.3	chrysotile
	FINAL: 9th Floor, South of Dining Room										
18	009465		3600	.24	0.0004	28.0	3.0	31.0	12.5	129.2	chrysotile
	FINAL: 9th Floor, West End of Kitchen										
19	009466		3600	.24	0.0004	15.0	3.0	18.0	12.5	75.0	chrysotile
	FINAL: 9th Floor, SE Bedroom, Center of Room										
20	009467		3600	.24	0.0004	15.0	1.0	16.0	4.2	66.7	chrysotile
	FINAL: 9th Floor, SW Bedroom, Center of Room										
21	009468		3600	.13	0.0008	47.0	3.0	50.0	23.1	384.6	chrysotile amphibole
	FINAL: 8th Floor IWA by Living Room North Side										
22	009469		3600	.24	0.0004	37.0	4.0	41.0	16.7	170.8	chrysotile amphibole
	FINAL: 8th Floor IWA by Dining Room, East Side										
23**	009470		3600								
	FINAL: 8th Floor IWA by Kitchen, West Side "Sample Overloaded w/Particulate-Unable To Analyze"										
24	009471		3600	.24	0.0004	32.0	2.0	34.0	8.3	141.7	chrysotile
	FINAL: 8th Floor IWA by SE Bedroom, Southeast										
25	009472		3600	.24	0.0004	23.0	3.0	26.0	12.5	108.3	chrysotile amphibole
	FINAL: 8th Floor IWA Bedroom, Southwest										
26	009473		3600	.24	0.0004	33.0	6.0	39.0	25.0	162.5	chrysotile amphibole
	FINAL: 7th Floor IWA by Living Room, North Side										
27	009474		3600	.24	0.0004	11.0	2.0	13.0	8.3	54.2	chrysotile
	FINAL: 7th Floor IW by Dining Room, East Side										
28**	009475		3600								
	FINAL: 7th Floor IWA by Kitchen, West Side "Sample Overloaded w/Particulate-Unable To Analyze"										

* concentration represented by the detection of 1 structure

** not analyzed

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Analyzed By:

Date: 3/31/03

Paul J. Misha

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						0.5-5.0	>5.0	>5.0	Total	>5.0	Total	
29	009476	3600	3600	24	0.0004	20.0	3.0	23.0	12.5	95.8	0.0102	chrysotile amphibole
FINAL: 7th Floor IWA by Bedroom, Southeast												
30**	009477	3600	3600	24	0.0004	5.0	2.0	7.0	8.3	29.2	0.0031	chrysotile
FINAL: 7th Floor IWA By Bedroom, Southwest "Sample Overloaded w/Particulate-Unable To Analyze"												
31	009478	3600	3600	24	0.0004	3.0	1.0	4.0	4.2	16.7	0.0018	chrysotile
FINAL: 6th Floor, South Side of Living Room												
32	009479	3600	3600	24	0.0004	3.0	1.0	4.0	4.2	16.7	0.0018	chrysotile
FINAL: 6th Floor, North Side of Dining Room												
33	009480	3600	3600	24	0.0004	3.0	1.0	4.0	4.2	16.7	0.0018	chrysotile amphibole
FINAL: 6th Floor, Center of Kitchen												
34	009481	3600	3600	24	0.0004	3.0	1.0	4.0	4.2	16.7	0.0018	chrysotile
FINAL: 6th Floor, East Bedroom Just South of Kitchen												
35	009482	3600	3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	NSD
FINAL: 6th Floor, SW Bedroom												
36**	009483	3600	3600	24	0.0004	3.0	1.0	4.0	4.2	16.7	0.0018	chrysotile
FINAL: 5th Floor, Center of Living Room												
37**	009484	3600	3600	24	0.0004	3.0	1.0	4.0	4.2	16.7	0.0018	chrysotile
FINAL: 5th Floor, East Side of Dining Room												
38**	009485	3600	3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	NSD
FINAL: 5th Floor, Center of Kitchen												
39**	009486	3600	3600	24	0.0004	3.0	1.0	4.0	4.2	16.7	0.0018	chrysotile
FINAL: 5th Floor, SE Bedroom												
40**	009487	3600	3600	24	0.0004	4.0	0.0	4.0	<4.2	16.7	0.0018	chrysotile
FINAL: 5th Floor, SW Bedroom												
41	009488	3600	3600	24	0.0004	3.0	0.0	3.0	<4.2	12.5	0.0013	chrysotile
FINAL: 4th Floor, Center of Living Room												
42	009489	3600	3600	24	0.0004	4.0	0.0	4.0	<4.2	16.7	0.0018	chrysotile
FINAL: 4th Floor, Center of Dining Room												

still need to finish

Paul J. Mucha

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						0.5-5.0	>5.0	Total	>5.0	Total	>5.0	Total	
43	009490	FINAL: 4th Floor, Center of Kitchen	3600	24	0.0004	1.0	2.0	3.0	8.3	12.5	0.0009	0.0013	chrysotile
44	009491	FINAL: 4th Floor, SE Bedroom	3600	24	0.0004	5.0	1.0	6.0	4.2	25.0	0.0004	0.0027	chrysotile
45	009492	FINAL: 4th Floor, SW Bedroom	3600	24	0.0004	3.0	2.0	5.0	8.3	20.8	0.0009	0.0022	chrysotile
46	009493	FINAL: 3rd Floor IWA Bedroom #1, North Side	3600	24	0.0004	5.0	0.0	5.0	<4.2	20.8	<0.0004	0.0022	chrysotile
47	009494	FINAL: 3rd Floor IWA Bedroom #2, East Side	3600	24	0.0004	4.0	0.0	4.0	<4.2	16.7	<0.0004	0.0018	chrysotile amphibole
48	009495	FINAL: 3rd Floor IWA by Living Room, East Side	3600	24	0.0004	2.0	0.0	2.0	<4.2	8.3	<0.0004	0.0009	chrysotile
49	009496	FINAL: 3rd Floor IWA by Living Room, Southeast	3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
50	009497	FINAL: 3rd Floor IWA Bedroom #3, Southwest	3600	24	0.0004	4.0	0.0	4.0	<4.2	16.7	<0.0004	0.0018	chrysotile
51	009498	FINAL: 3rd Floor IWA Reception Office, East Side	3600	24	0.0004	1.0	0.0	1.0	<4.2	4.2	<0.0004	0.0004	chrysotile
52	009499	FINAL: 3rd Floor IWA North Side Office by Liberty Street	3600	24	0.0004	1.0	0.0	1.0	<4.2	4.2	<0.0004	0.0004	chrysotile
53	009500	FINAL: 3rd Floor IWA Examination Room, South Side	3600	24	0.0004	2.0	0.0	2.0	<4.2	8.3	<0.0004	0.0009	chrysotile
54	009501	FINAL: 3rd Floor IWA Mini Office Adj. to Bathroom, North Side	3600	24	0.0004	2.0	0.0	2.0	<4.2	8.3	<0.0004	0.0009	chrysotile
55	009502	FINAL: 3rd Floor IWA Administration Office, West Side	3600	24	0.0004	0.0	0.0	0.0	<4.2	<4.2	<0.0004	<0.0004	NSD
56	009503	FINAL: 2nd Floor IWA by Restaurant, North Side	3600	24	0.0004	2.0	0.0	2.0	<4.2	8.3	<0.0004	0.0009	chrysotile

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NYLAB#: 200546-0

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						0.5-5.0	>5.0		>5.0	Total	
57	009504	FINAL: 2nd Floor IWA by Restaurant, West Side	3600	24	0.0004	3.0	0.0	3.0	<4.2	12.5	chrysotile
58**	009505	FINAL: 2nd Floor IWA by Restaurant, East Side	3600						<0.0004	0.0013	
59**	009506	FINAL: 2nd Floor IWA by Restaurant, South Side	3600								
60**	009507	FINAL: 2nd Floor IWA by Restaurant by Cashier's Desk	3600								
61**	009508	FINAL: 2nd Floor IWA Weight Watchers Office Opposite Elevator, East Side	3600								
62**	009509	FINAL: 2nd Floor IWA Weight Watchers Office by Liberty Street, North Side	3600								
63**	009510	FINAL: 2nd Floor IWA Weight Watchers Rear End Office, North Side	3600								
64**	009511	FINAL: 2nd Floor IWA Weight Watchers Rear End Office, South Side	3600								
65**	009512	FINAL: 2nd Floor IWA Weight Watchers Rear End Office, West Side	3600								

still need to finish

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Paul J. Mucha

NVLAP#: 200546-0


SCILAB

Please Reply To:

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Andrew **FACSIMILE TELECOPY TRANSMISSION**

To: Mary Kate Kiokeary / *Kenney*
JLC Environmental Consultants
 Fax #: (212) 420-6092 / *(718) 595-3744*

Date: Tuesday, April 01, 2003Time: 13:17:41

Comments:

From: Paul J. Mucha
 SCILAB Job#: 203034111
 Subject: AHERA Protocol 24 hour Results
 Client Project: 03-2744; NYCDEP: 114 Liberty
St., NY, NY/POST-ABATE

Number of Pages: 6

(including cover sheet)

*partial results**still have #s 009482 → 009487*
*and**#s 009505 → 009512**to finish in this set*
*of 65 samples**Paul*

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