



The New York Law School 57 Worth Street, New York, New York 10013-2960

Office of Maintenance and Operations 212.431.2820 Fax: 212. 274.9211

Tuesday May 21, 2002

R. Radhakrishnan, P.E.
Director
NYC DEP Asbestos Control Program
59-17 Junction Boulevard
Corona, NY 11368-5107

**RE: New York Law School
Environmental Hazard Assessment post 9/11**

Dear Mr. Radhakrishnan,

Attached, please find copies of ambient air sampling performed after September 11, 2001.

Should you have any further inquiries please speak directly with me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal line extending to the right.

Don Blanchard
Director of Maintenance & Operations
New York Law School

enclosures: 11



Warren & Panzer Engineers, P.C.
228 East 45th Street
New York, New York 10017
Tel. (212) 922-0077
Fax (212) 922-0630

Thursday, October 18, 2001

Mr. Don Blanchard
New York Law School
57 Worth Street
New York, NY 10013

Re: **TEM Ambient Air Sampling**
47 Worth Street, 53 Worth Street, 57 Worth Street & 240 Church Street

W&P File #: 299.07.01

Dear Mr. Blanchard:

Ambient air sampling was performed on the floors of the buildings located 47 Worth Street, 53 Worth Street, 57 Worth Street & 240 Church Street. Transmission Electron Microscopy (TEM) samples were collected and analyzed from all locations, one sample per floor. Samples were sent to Scientific Laboratories in Manhattan and all samples except sample # 30 from 57 Worth Street, were found to contain no structures (NSD). The only identified sample was found to contain one (1) structure which is below the United States Environmental Protection (US EPA) permissible level of seventy (70) structures. Attached tables list the laboratory results.

Along with this correspondence, I have enclosed a copy of the final air sampling chain of custody, which show the results. If you have any questions or should you need additional information, please contact me at (212) 922-0077.

Sincerely,

WARREN & PANZER ENGINEERS, P.C.

Michael R. Nolan
Senior Project Manager

Attachment(s)

A Member of
The Warren & Panzer Group



CLIENT: New York Law School

LOCATIONS: 47 Worth Street, 53 Worth Street
57 Worth Street, 240 Church Street
New York, NY

Warren & Panzer Engineers, P.C.
228 East 45th Street
New York, New York 10017
Tel. (212) 922-0077
Fax (212) 922-0630

Ambient Air Sampling Results

SAMPLE IDENTIFICATION NUMBER	BUILDING ADDRESS	LOCATION	LABORATORY ANALYSIS RESULTS
			Transmission Electron Microscopy (TEM)
01	47 Worth Street	5 th Floor	No Structure Detected
02	47 Worth Street	4 th Floor	No Structure Detected
03	47 Worth Street	3 rd Floor	No Structure Detected
04	47 Worth Street	2 nd Floor	No Structure Detected
05	47 Worth Street	1 st Floor	No Structure Detected
06	47 Worth Street	Basement	No Structure Detected
07	-	Field Blank	Not Analyzed
08	-	Field Blank	Not Analyzed
09	53 Worth Street	5 th Floor	No Structure Detected
10	53 Worth Street	4 th Floor	No Structure Detected
11	53 Worth Street	3 rd Floor	No Structure Detected
12	53 Worth Street	2 nd Floor	No Structure Detected
13	53 Worth Street	1 st Floor	No Structure Detected
14	53 Worth Street	Basement	No Structure Detected
15	53 Worth Street	Sub-Basement	No Structure Detected
16	-	Field Blank	Not Analyzed
17	-	Field Blank	Not Analyzed
18	57 Worth Street	10 th Floor	No Structure Detected
19	57 Worth Street	8 th Floor	No Structure Detected
20	57 Worth Street	7 th Floor	No Structure Detected

EPA permissible Level is 70 Structures/mm²



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 Tel. (212) 922-0077
 Fax (212) 922-0630

CLIENT: New York Law School

LOCATIONS: 47 Worth Street, 53 Worth Street
 57 Worth Street, 240 Church Street
 New York, NY

Ambient Air Sampling Results

SAMPLE IDENTIFICATION NUMBER	BUILDING ADDRESS	LOCATION	LABORATORY ANALYSIS RESULTS
			Transmission Electron Microscopy (TEM)
21	57 Worth Street	6 th Floor	No Structure Detected
22	57 Worth Street	5 th Floor	No Structure Detected
23	57 Worth Street	4 th Floor	No Structure Detected
24	57 Worth Street	3 rd Floor	No Structure Detected
25	57 Worth Street	Basement	No Structure Detected
26	57 Worth Street	Sub-Basement	No Structure Detected
27	57 Worth Street	9 th Floor	No Structure Detected
28	57 Worth Street	2 nd Floor	No Structure Detected
29	57 Worth Street	Mezzanine	No Structure Detected
30	57 Worth Street	1 st Floor	1.0 Structure/mm ²
31	240 Church Street	4 th Floor	No Structure Detected
32	240 Church Street	3 rd Floor	No Structure Detected
33	240 Church Street	2 nd Floor	No Structure Detected
34	240 Church Street	1 st Floor	No Structure Detected
35	240 Church Street	Basement	No Structure Detected
36	-	Field Blank	Not Analyzed
37	-	Field Blank	Not Analyzed

EPA permissible Level is 70 Structures/mm²

228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

CLIENT: New York Law School
PROJECT: 47 WORTH STREET
LOCATION: BASEMENT - 5TH FLOOR

W&P FILE #: 299.07.130
TURN AROUND: 24 HRS.
TECHNICIAN: BOBBI GUNN

Analysis Method: PCM - 7400
(circle one)
TEM - AHER
TEM - EPA L

P.O.

TOTAL P.03

SCIENTIFIC LABS

OCT-12-2001 10:37

[illegible]

01102031

SAMPLED BY:	<i>Boswell</i>	DATE:	<i>10/10/01</i>
SIGNATURE:	<i>[Signature]</i>		
RELEASED BY:	<i>Boswell</i>	DATE:	<i>10/11/01</i>
SIGNATURE:	<i>[Signature]</i>		
RECEIVED BY:	<i>[Signature]</i>	DATE:	<i>10/11</i>
SIGNATURE:	<i>[Signature]</i>		<i>1530</i>

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

OCT-15-2001 01:11

SCIENTIFIC LABS

212 679 9392 P.03/03

228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0630

P.O.

WARREN & PANZER ENGINEERS, P.C.

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

2201102185

CLIENT: New York Law School
PROJECT: 53 North Street
LOCATION: Sub-Basement - 5th Floor

W&P FILE #: 29907.130

TURN AROUND: 48 HOURS

TECHNICIAN: B. O'GUINATEE

Analysis Method: PCM - 7400

TEM - AHERA

TEM - EPA LEVEL II

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE		TIME		TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
				START	STOP	ON	OFF			
09	5th Floor	5		10:00	10:00	14:18	16:45	155	1530	
10	4th Floor	5		10:00	10:00	14:13	16:47	154	1540	
11	3rd Floor	5		10:00	10:00	14:18	16:50	152	1520	
12	2nd Floor	5		10:00	10:00	14:23	16:55	152	1520	
13	1st Floor	5		10:00	10:00	14:26	17:00	154	1540	
14	Basement	5		10:00	10:00	14:38	17:10	152	1520	
15	Sub-Basement	5		10:00	10:00	14:45	17:20	155	1550	
16	Blank	Blank		—	—	—	—	—	—	
17	Blank	Blank		—	—	—	—	—	—	

SAMPLED BY:	DATE: 10/11/01
SIGNATURE:	
RELEASED BY:	DATE: 10/12/01
SIGNATURE:	
RECEIVED BY:	DATE: 10/12/01
SIGNATURE:	

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION

TOTAL P.03

NYC-WTC 000102896

SciLab Job #: 201102031

Client Name: Warren & Panzer Engineering, P.C.

Table I.

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

299.07.130; New York Law School; 47 Worth Street, Basement - 5th Floor / FINAL CLEARANCE

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	01		1600	.1	0.0024	0.0	0.0	0.0	<10	<10	<0.0024	<0.0024	NSD
	5th Floor												
02	02		1530	.1	0.0025	0.0	0.0	0.0	<10	<10	<0.0025	<0.0025	NSD
	4th Floor												
03	03		1530	.1	0.0025	0.0	0.0	0.0	<10	<10	<0.0025	<0.0025	NSD
	3rd Floor												
04	04		1550	.1	0.0025	0.0	0.0	0.0	<10	<10	<0.0025	<0.0025	NSD
	2nd Floor												
05	05		1550	.1	0.0025	0.0	0.0	0.0	<10	<10	<0.0025	<0.0025	NSD
	1st Floor												
06	06		1600	.1	0.0024	0.0	0.0	0.0	<10	<10	<0.0024	<0.0024	NSD
	Basement												
07**	07												
	Blank												
08**	08												
	Blank												

* concentration represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By:

Analyzed By:

Date: 10/12/01

Paul Mucha
Paul Mucha

NVLAP#: 200546-0

SciLab Job #: 201102185

Client Name: Warren & Panzer Engineering, P.C.

Table I

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

299.07.130; New York Law School; 53rd Worth Street / Sub-Basement 5th Floor / Finals Clearance

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	
01	09		1550	.06	0.0041	0.0	0.0	<16.7	<16.7	<0.0041	<0.0041	NSD
	5th Floor											
02	10		1540	.06	0.0042	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	4th Floor											
03	11		1520	.06	0.0042	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	3rd Floor											
04	12		1520	.06	0.0042	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	2nd Floor											
05	13		1540	.06	0.0042	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	1st Floor											
06	14		1520	.06	0.0042	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	Basement											
07	15		1550	.06	0.0041	0.0	0.0	<16.7	<16.7	<0.0041	<0.0041	NSD
	Sub-Basement											
08**	16											
	Blank											
09**	17											
	Blank											

* concentration represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By:

Analyzed By:

Date: 10/15/01

Glenn Massey

NVLAP#: 200546-0

SciLab Job #: 201102187

Client Name: Warren & Panzer Engineering, P.C.

Table I

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

299.07.130; New York Law School ; 57 Worth Street & 240 Church Street Entire Buildings (Final Clearance)

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	18		1540	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - 10th Floor												
02	19		1510	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - 8th Floor												
03	20		1520	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - 7th Floor												
04	21		1500	.06	0.0043	0.0	0.0	0.0	<16.7	<16.7	<0.0043	<0.0043	NSD
	57th Worth Street - 6th Floor												
05	22		1510	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - 5th Floor												
06	23		1520	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - 4th Floor												
07	24		1540	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - 3rd Floor												
08	25		1520	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - Basement												
09	26		1510	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - Sub-Basement												
10	27		1510	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	57th Worth Street - 9th Floor												
11	28		1550	.06	0.0041	0.0	0.0	0.0	<16.7	<16.7	<0.0041	<0.0041	NSD
	57th Worth Street - 2nd Floor												
12	29		1550	.06	0.0041	0.0	0.0	0.0	<16.7	<16.7	<0.0041	<0.0041	NSD
	57th Worth Street - Mezzanine												
13	30		1520	.06	0.0042	0.0	1.0	1.0	16.7	16.7	0.0042	0.0042	chrysotile
	57th Worth Street - 1st Floor												
14	31		1530	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	<0.0042	NSD
	240 Church Street - 4th Floor												

* concentration represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By:

Analyzed By:

Date: 10/14/01

Glenn Massey

NVLAP#: 200546-0

OCT-15-2001 00:22

SCIENTIFIC LABS

212 679 9392 P.03/05

SciLab Job #: 201102187

Client Name: Warren & Panzer Engineering, P.C.

Table I

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

299.07.130; New York Law School ; 57 Worth Street & 240 Church Street Entire Buildings (Final Clearance)

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.)		Concentration (struc/cc air)		Type of Asbestos
						0.5-5.0	>5.0	Total	>5.0	Total	>5.0	
15	32		1540	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	NSD
	240 Church Street - 3rd Floor											
16	33		1550	.06	0.0041	0.0	0.0	0.0	<16.7	<16.7	<0.0041	NSD
	240 Church Street - 2nd Floor											
17	34		1520	.06	0.0042	0.0	0.0	0.0	<16.7	<16.7	<0.0042	NSD
	240 Church Street - 1st Floor											
18	35		1500	.06	0.0043	0.0	0.0	0.0	<16.7	<16.7	<0.0043	NSD
	240 Church Street - Basement											
19**	36											
	Blank											
20**	37											
	Blank											

* concentration represented by the detection of 1 structure

** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By: _____

Analyzed By: _____

Date: 10/14/01

Glenn Massey

NVLAP#: 200546-0