

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Data Validation Date: 02/17/02

Sampling Date and Time:

2/13/2002 1200 to 2359

Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	PCM by NIOSH 7400		TEM (AHERA)			
					f/mm ²	f/cc	Structures (#)		S/mm ²	S~f/cc**
							0.5µ - 5µ	5µ		
02/13/02	TTW-00491	L	1096.2	Air	<7.0	<0.002	0	0	<13.33	<0.0047
02/13/02	TTW-00492	M1	1034.25	Air	<7.0	<0.003	0	0	<11.43	<0.0043
02/13/02	TTW-00493	N	1114.2	Air	<7.0	<0.002	0	0	<13.33	<0.0046
02/13/02	TTW-00494	J	1092.6	Air	<7.0	<0.002	0	0	<13.33	<0.0047
02/13/02	TTW-00495	J-Dup	1135.9	Air	<7.0	<0.002	0	0	<13.33	<0.0045
02/13/02	TTW-00496	Q	1254.6	Air	<7.0	<0.002	0	0	<16.00	<0.0049
02/13/02	TTW-00497	F	1188	Air	<7.0	<0.002	0	0	<13.33	<0.0043
02/13/02	TTW-00498	A-Dup	1115.55	Air	<7.0	<0.002	0	0	<13.33	<0.0046
02/13/02	TTW-00499	B	1177.75	Air	<7.0	<0.002	0	0	<13.33	<0.0044
02/13/02	TTW-00500	C	1017	Air	<7.0	<0.003	***1	***1	22.86	0.0087
02/13/02	TTW-00501	D	1121.4	Air	<7.0	<0.002	0	0	<13.33	<0.0046
02/13/02	TTW-00502	K	387	Air	<7.0	<0.007	0	0	<8.00	<0.0080
02/13/02	TTW-00503	U	1260	Air	<7.0	<0.002	0	0	<16.00	<0.0049
02/13/02	TTW-00504	V	1254.75	Air	<7.0	<0.002	0	0	<16.00	<0.0049
02/13/02	TTW-00505	S	1099	Air	<7.0	<0.002	0	0	<13.33	<0.0047
02/13/02	TTW-00506	E	1105.2	Air	<7.0	<0.002	0	0	<13.33	<0.0046
02/13/02	TTW-00507	W	1080	Air	12.74	0.005	***1	***1	26.67	0.0095

No sample for location A due to pump fault

Sampling Locations:

A: NE corner of West Broadway & Barclay

B: SE corner of Church & Dey St.

C: Trinity (a.k.a. Church) & Liberty

C1: SW corner of Broadway & Liberty St.

D: East end of Albany St. at Greenwich St.

E: Western end of Liberty St. at South End Ave

F: Northern median strip of Vesey & West St

G: Church and Duane St.

H: South side of Chase Manhattan Plaza at Pine St.

I: SE corner of Wall St. & Broadway

J: NE corner of Warren & West St.

K: West St. & Albany in median strip

L: On walkway toward North Park rec area (north side of Suyvesant High), access to TAGA bus area

M: Western end of Harrison St. at West St.
(on tree next to bulkhead)

M1 : West St. - 50 yards south of Harrison St. at bulkhead

N: South side of Pier 25 (next to volleyball ct)

P: NE corner of South End Ave. & Albany

Q: Barclay & West St. (center island) in
proximity to USCG command post

R: TAGA Bus Location

S: Rector & South End

T: Pier 6 Heliport

U: Pier 6 Exit 2

V: Pier 6 Bus Sign

W: Wash Tent Common Area

Key:

* Some sample volume (liters) is below recommended
limit for the TEM method; volume is based on
pump reading

** Structure (S) is roughly equivalent to fiber (f)

*** Chrysotile

**** Extremely low sample volume collected

***** Actinolite

NA⁽¹⁾ - Not analyzed due to overloading of
particulatesNA⁽²⁾ - Not analyzed for TEM

n/a - Not applicable

NR - Not requested

NS - Sample not submitted

NIOSH 7400: Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA)

Standard criteria: EPA 40CFR Part 763 (AHERA): 0.01 fiber/cc (PCM), 70 S/mm², volume 1200 L, for 25 mm filter (TEM)

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