

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Data Validation Date: 02/13/02

Sampling Date and Time:

2/10/2002 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		
02/10/02	TTW-00391	L	1058.75	Air	<7.0	<0.003	0	0	<13.33	<0.0048
02/10/02	TTW-00392	M1	502.25	Air	<7.0	<0.005	0	0	<8.00	<0.0061
02/10/02	TTW-00393	N	1055.25	Air	<7.0	<0.003	0	0	<13.33	<0.0049
02/10/02	TTW-00394	J	1018.5	Air	<7.0	<0.003	0	0	<11.43	<0.0043
02/10/02	TTW-00395	Q	1098	Air	8.92	0.003	0	0	<13.33	<0.0047
02/10/02	TTW-00396	Q-Dup	1110	Air	<7.0	<0.002	0	0	<13.33	<0.0046
02/10/02	TTW-00397	F	1058.75	Air	<7.0	<0.003	0	0	<13.33	<0.0048
02/10/02	TTW-00398	A	488.25	Air	<7.0	<0.006	0	0	<8.00	<0.0063
02/10/02	TTW-00399	B	1200.5	Air	<7.0	<0.002	0	0	<13.33	<0.0043
02/10/02	TTW-00400	C	1020	Air	<7.0	<0.003	0	0	<11.43	<0.0043
02/10/02	TTW-00401	D	1102.5	Air	<7.0	<0.002	0	0	<13.33	<0.0047
02/10/02	TTW-00402	K	1053.5	Air	7.64	0.003	0	0	<13.33	<0.0049
02/10/02	TTW-00403	U	1260	Air	<7.0	<0.002	0	0	<16.00	<0.0049
02/10/02	TTW-00404	S	519.75	Air	<7.0	<0.005	0	0	<8.00	<0.0059
02/10/02	TTW-00405	E	1090.8	Air	<7.0	<0.002	0	0	<13.33	<0.0047

No samples were taken for Locations M1-dup, V and W due to pump falt.

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 particulates

NA⁽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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