

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time:

5/16/2002 0001 to 1200

Data Validation Date: 05/20/2002

PCM fibers

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		
05/16/02	FB051602	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
05/16/02	TB051602	Trip Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
05/16/02	TTW-03646	W	1548	Air	<7.0	<0.002	0	0	<16.00	<0.0040
05/16/02	TTW-03647	Q	1404	Air	<7.0	<0.002	0	0	<16.00	<0.0044
05/16/02	TTW-03648	F	1440	Air	7.64	0.002	0	0	<16.00	<0.0043
05/16/02	TTW-03649	E	1512	Air	<7.0	<0.002	0	0	<16.00	<0.0041
05/16/02	TTW-03650	S	1512	Air	<7.0	<0.002	0	0	<16.00	<0.0041
05/16/02	TTW-03651	K	1512	Air	<7.0	<0.002	0	0	<16.00	<0.0041
05/16/02	TTW-03652	D	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
05/16/02	TTW-03653	C	1440	Air	8.28	0.002	0	0	<16.00	<0.0043
05/16/02	TTW-03654	C-Dup	1440	Air	8.92	0.002	0	0	<16.00	<0.0043
05/16/02	TTW-03656	B-Dup	1002.75	Air	10.19	0.004	0	***1	11.43	0.0044
05/16/02	TTW-03657	A	1440	Air	12.74	0.003	0	0	<16.00	<0.0043
05/16/02	TTW-03658	J	1512	Air	<7.0	<0.002	0	0	<16.00	<0.0041
05/16/02	TTW-03660	M1	1404	Air	<7.0	<0.002	0	0	<16.00	<0.0044
05/16/02	TTW-03661	L	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043

No Sample submitted for location B and N 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

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

Key:

* Some sample volumes (liters) are 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

***** Amosite

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

n/a - Not applicable

NR - Not requested

LQ

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

W: Wash Tent Common Area

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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