

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 01/07/02 1200 to 2359

Data Validation Date: 01/11/2002

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		
01/07/02	RST-02937	L	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	-	M1	NS	Air	NS	NS	NS	NS	NS	NS
01/07/02	RST-02938	N	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02939	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02940	Q	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02941	F	661	Air	<7.0	<0.004	0	0	<8.00	<0.0047
01/07/02	RST-02942	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02943	C	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02944	B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02945	H	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02946	I	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02947	D	267	Air	<7.0	<0.010	0	0	<8.00	<0.0115
01/07/02	RST-02948	K	387	Air	8.92	0.009	0	0	<8.00	<0.0080
01/07/02	RST-02949	T	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02950	T-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02951	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02952	U-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02953	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02954	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02955	P	712	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02956	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/07/02	RST-02957	W	720	Air	8.28	0.004	3***	3***	53.33	0.0285
01/08/02	FB010802	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
01/08/02	TB010802	Trip Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾

PCM fibers

7

6.5

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:

* 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

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)

L□

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