

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 01/11/02 0001 to 1200

Data Validation Date: 01/13/02

					PCM by NIOSH 7400		TEM (AHERA)				PCM fibers PCM # fields	
Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	f/mm²	f/cc	Structures (#)		S/mm²	S-f/cc**		
							0.5µ - 5µ	5µ				
01/11/02	RST-03086	L	702	Air	<7.0	<0.004	0	0	<8.89	<0.0049		100
01/11/02	RST-03087	M1	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03088	N	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03089	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03090	Q	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03091	F	651	Air	<7.0	<0.004	NA ⁽¹⁾	NA ⁽¹⁾	NA ⁽¹⁾	NA ⁽¹⁾		100
01/11/02	RST-03092	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03093	C	720	Air	7.64	0.004	0	0	<8.89	<0.0048	6	100
01/11/02	RST-03094	B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03095	B-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03096	H	719	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03097	I	720	Air	7.64	0.004	0	0	<8.89	<0.0048	6	100
01/11/02	RST-03098	D	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03099	D-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03100	K	720	Air	<7.0	<0.004	2***	0	17.78	0.0095		100
01/11/02	RST-03101	T	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03102	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03103	V	675	Air	<7.0	<0.004	0	0	<8.00	<0.0046		100
01/11/02	RST-03104	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03105	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03106	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	RST-03107	W	720	Air	10.19	0.005	0	0	<8.89	<0.0048	8	100
01/11/02	RST-03108	A-Duplicate	713	Air	<7.0	<0.004	0	0	<8.89	<0.0048		100
01/11/02	FB011102	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾		100
01/11/02	TB011102	Trip Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾		100

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

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□

L

S/mm ²	S~f/cc**		AREA	Sample No.
8.89	0.0049	1	0.1125	RST-03086
8.89	0.0048	1	0.1125	RST-03087
8.89	0.0048	1	0.1125	RST-03088
8.89	0.0048	1	0.1125	RST-03089
8.89	0.0048	1	0.1125	RST-03090
8.89	0.0053	1	0.1125	RST-03091
8.89	0.0048	1	0.1125	RST-03092
8.89	0.0048	1	0.1125	RST-03093
8.89	0.0048	1	0.1125	RST-03094
8.89	0.0048	1	0.1125	RST-03095
8.89	0.0048	1	0.1125	RST-03096
8.89	0.0048	1	0.1125	RST-03097
8.89	0.0048	1	0.1125	RST-03098
8.89	0.0048	1	0.1125	RST-03099
17.78	0.0095	2	0.1125	RST-03100
8.89	0.0048	1	0.1125	RST-03101
8.89	0.0048	1	0.1125	RST-03102
8.00	0.0046	1	0.125	RST-03103
8.89	0.0048	1	0.1125	RST-03104
8.89	0.0048	1	0.1125	RST-03105
8.89	0.0048	1	0.1125	RST-03106
8.89	0.0048	1	0.1125	RST-03107
8.89	0.0048	1	0.1125	RST-03108