

NYC Response
Asbestos Air Sampling Results at Fixed Locations
Sampling Date and Time: 2/28/2002 0001 to 1151

Data Validation Date: 03/01/2002

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		
02/28/02	FB022802	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
02/28/02	TB022802	Trip Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
02/28/02	TTW-00983	L	1093.75	Air	<7.0	<0.002	0	0	<13.33	<0.0047
02/28/02	TTW-00984	M1	1023.75	Air	<7.0	<0.003	0	0	<13.33	<0.0050
02/28/02	TTW-00985	N	919.7	Air	<7.0	<0.003	0	0	<11.43	<0.0048
02/28/02	TTW-00986	N-Dup	1127.1	Air	<7.0	<0.002	0	0	<13.33	<0.0046
02/28/02	TTW-00987	J	1176	Air	<7.0	<0.002	0	0	<13.33	<0.0044
02/28/02	TTW-00988	Q	1082.25	Air	<7.0	<0.002	0	0	<13.33	<0.0047
02/28/02	TTW-00989	F	1139.25	Air	7.64	0.003	0	0	<13.33	<0.0045
02/28/02	TTW-00990	F-Dup	1011.5	Air	<7.0	<0.003	0	0	<13.33	<0.0051
02/28/02	TTW-00991	B	1173.15	Air	7.01	0.002	0	0	<13.33	<0.0044
02/28/02	TTW-00992	C	1155.6	Air	7.64	0.003	0	0	<13.33	<0.0044
02/28/02	TTW-00993	D	914.6	Air	10.19	0.004	0	0	<11.43	<0.0048
02/28/02	TTW-00994	K	1046.1	Air	<7.0	<0.003	0	0	<13.33	<0.0049
02/28/02	TTW-00995	U	656.7	Air	<7.0	<0.004	0	0	<8.00	<0.0047
02/28/02	TTW-00996	V	1079.5	Air	<7.0	<0.003	0	0	<13.33	<0.0048
02/28/02	TTW-00997	S	1077.25	Air	<7.0	<0.002	0	0	<13.33	<0.0048
02/28/02	TTW-00998	E	1027.25	Air	11.46	0.004	0	0	<11.43	<0.0043
02/28/02	TTW-00999	W	1141	Air	11.46	0.004	0	0	<13.33	<0.0045
02/28/02				Air	30.57		0	0	<11.25	<0.0043
02/28/02				Air	<7.0	<0.002	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
02/28/02				Air	<7.0	<0.002	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾

PCM fibers

6

5.5

6

8

9

9

24

No sample was taken 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:

* 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 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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