

NYC Response

Asbestos Air Sampling Results at Fixed Locations
Sampling Date and Time: 01/16/02 1200 to 2359

Data Validation Date: 01/18/02

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**
01/16/02	RST-03320	L	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03321	N	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03322	M1	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03323	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03324	Q	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03325	F	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03326	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03327	C	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03328	B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03329	H	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03330	I	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03331	D	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03332	K	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03333	T	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03334	T-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03335	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03336	U-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03337	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03338	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03339	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03340	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/16/02	RST-03341	W	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/17/02	FB011702	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
01/17/02	TB011702	Trip Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾

Sampling Locations:

A: NE corner of West Broadway & Barclay
B: SE corner of Church & Day 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 Helipoint
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 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)

FL-01-16-02-pm

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