

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Data Validation Date: 01/22/02

Sampling Date and Time: 01/19/02 1200 to 2359

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		
01/19/02	RST-03449	L	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03450	M1	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03451	N	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03452	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03453	Q	464	Air	<7.0	<0.006	1***	0	8.00	0.0066
01/19/02	RST-03454	F	720	Air	7.64	0.004	0	0	<8.89	<0.0048
01/19/02	RST-03455	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03456	C	702	Air	<7.0	<0.004	0	0	<8.89	<0.0049
01/19/02	RST-03457	C-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03458	B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03459	H	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03460	I	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03461	D	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03462	K	720	Air	10.19	0.005	0	0	<8.89	<0.0048
01/19/02	RST-03463	S	720	Air	7.64	0.004	0	0	<8.89	<0.0048
01/19/02	RST-03464	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03465	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03466	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03467	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03468	V-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/19/02	RST-03469	W	720	Air	12.10	0.006	0	0	<8.89	<0.0048
01/20/02	FB012002	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
01/20/02	TB012002	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 & 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 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-01-19-02-pm