

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 01/18/02 1200 to 2359

Data Validation Date: 01/21/2002

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		
01/18/02	RST-03407	L	2****	Air	<7.0	<1.349	0	0	<8.00	<1.5400
01/18/02	RST-03408	M-1	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03409	N	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03410	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03411	Q	498	Air	<7.0	<0.005	0	0	<8.00	<0.0062
01/18/02	RST-03412	F	691	Air	<7.0	<0.004	0	0	<8.00	<0.0045
01/18/02	RST-03413	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03414	C	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03415	B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03416	I	639	Air	<7.0	<0.004	0	0	<8.00	<0.0048
01/18/02	RST-03417	H	596	Air	<7.0	<0.005	0	0	<8.00	<0.0052
01/18/02	RST-03418	D	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03419	D-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03420	K	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03421	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03422	S	679	Air	<7.0	<0.004	0	0	<8.00	<0.0045
01/18/02	RST-03423	S-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03424	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03425	U	719	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	-	T	NS	Air	NS	NS	NS	NS	NS	NS
01/18/02	RST-03426	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/18/02	RST-03427	W	720	Air	7.64	0.004	0	0	<8.89	<0.0048
01/19/02	FB011902	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
01/19/02	TB011902	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 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
 **** Extremely low sample volume collected
 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 due to no access to station location

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-01-18-02-pm

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