

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 01/24/02 0001 to 1200

Data Validation Date: 01/25/2002

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		
01/24/02	RST-03635	L	675	Air	<7.0	<0.004	0	0	<8.00	<0.0046
01/24/02	RST-03636	M-1	689	Air	<7.0	<0.004	0	0	<8.00	<0.0045
01/24/02	RST-03637	N	660	Air	<7.0	<0.004	0	0	<8.00	<0.0047
01/24/02	RST-03638	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03639	Q	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03640	F	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03641	A	656	Air	12.74	0.007	0	0	<8.00	<0.0047
01/24/02	RST-03642	C	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03643	B	720	Air	7.64	0.004	0	0	<8.89	<0.0048
01/24/02	RST-03644	B-Duplicate	720	Air	<7.0	<0.004	1***	0	8.89	0.0048
01/24/02	RST-03645	H	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	-	I	NS	Air	NS	NS	NS	NS	NS	NS
01/24/02	RST-03646	D	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03647	D-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03648	K	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03649	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03650	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03651	E	690	Air	<7.0	<0.004	0	0	<8.00	<0.0045
01/24/02	RST-03652	T	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03653	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03654	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	RST-03655	W	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
01/24/02	FB012402	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
01/24/02	TB012402	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
 **** 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

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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