

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 12/01/01 1200 to 2359

Data Validation Date: 12/04/01

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**
12/01/01	RST-01362	L	720	Air	<7.0	<0.004	0.5μ - 5μ	5μ	<8.89	<0.0048
12/01/01	RST-01363	M1	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01364	M1-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01365	N	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01366	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01367	Q	720	Air	7.64	0.004	0	0	<8.89	<0.0048
12/01/01	RST-01368	F	720	Air	8.92	0.005	0	0	<8.89	<0.0048
12/01/01	RST-01369	A	720	Air	21.66	0.012	0	0	<8.89	<0.0048
12/01/01	RST-01370	B	720	Air	82.80	0.044	0	0	<8.89	<0.0048
12/01/01	RST-01371	C	628	Air	8.92	0.005	0	0	<8.00	<0.0049
12/01/01	RST-01372	H	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01373	I	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	-	D	NS	NS	NS	NS	NS	NS	NS	NS
12/01/01	RST-01374	K	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01375	T	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01376	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01377	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01378	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01379	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01380	P-Duplicate	640	Air	<7.0	<0.004	0	0	<8.00	<0.0048
12/01/01	RST-01381	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/01/01	RST-01382	W	720	Air	7.01	0.004	0	0	<8.89	<0.0048
12/02/01	FB120201	Field Blank	0	Air	<7.0	n/a	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾	NA ⁽²⁾
12/02/01	TB120201	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-12-01-01-pm