

NYC Response

Asbestos Air Sampling Results for WTC Extended Network

Sampling Date and Time: 01/18/02 1200 to 2400

Data Validation Date: 01/21/2002

Sampling Date	Sample No.	Sampling Location	Sample Volume (L)**	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	7093-18-0113	Park Row	1184***	Air	<7.0	<0.002	0	0	<13.33	<0.0043
01/18/02	7093-19-0113	Chambers Street	1276	Air	<7.0	<0.002	0	0	<16.00	<0.0048
01/18/02	7093-15-0111	Manhattan IS #143	1336	Air	<7.0	<0.002	0	0	<16.00	<0.0046
01/18/02	7094-09-0101	Bronx PS #154	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/18/02	7096-12-0107	Queens PS #199	1148***	Air	<7.0	<0.002	0	0	<13.33	<0.0045
01/18/02	7095-98-0107	Brooklyn PS #274	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/18/02	7097-18-0104	Staten Island PS #44	1324	Air	<7.0	<0.002	0	0	<16.00	<0.0047

Key:

*Structure (S) roughly equivalent to fiber (f)

** Sample volume is based on pump reading

*** Sample volume is below recommended limit for TEM analysis

**** Chrysotile

NR - analysis not requested

NS - Sample not submitted for analysis

n/a - Not applicable

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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