

NYC Response

Asbestos Air Sampling Results for WTC Extended Network

Sampling Date and Time: 01/10/02 1200 to 2400

Data Validation Date: 01/13/2002

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		
01/10/02	7093-18-0105	Park Row	1426	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/10/02	7093-19-0105	ambers Stre	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/10/02	7093-15-0103	hattan PS #	1128***	Air	<7.0	<0.002	0	0	<13.33	<0.0046
01/10/02	7094-09-0093	ronx PS #15	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/10/02	7096-12-0099	ueens PS #19	1420	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/10/02	7095-98-0099	ooklyn PS #2	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/10/02	7097-18-0096	en Island PS	NS	Air	NS	NS	NS	NS	NS	NS

Key:

NS: Not sampled

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

** Sample volume is based on pump reading

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

NA⁽¹⁾: not analyzed due to overloading of particulatesNA⁽¹⁾: not analyzed for TEM

**** Chrysotile

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

**** Chrysotile

NR - analysis not requested

NS - Sample not submitted

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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