

NYC Response

Asbestos Air Sampling Results for WTC Extended Network

Sampling Date and Time: 12/06/01 1200 to 2400

Data Validation Date: 12/12/2001

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		
12/06/01	7093-18-0070	Park Row	1292	Air	<7.0	<0.002	0	0	<16.00	<0.0048
12/06/01	7093-19-0070	BMCC	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
12/06/01	7093-20-0070	Coast Guard	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
12/06/01	NS	Manhattan PS # 143	NS	Air	NS	NS	NS	NS	NS	NS
12/06/01	7094-09-0060	Bronx PS #154	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
12/06/01	7096-12-0064	Queens PS #199	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
12/06/01	7095-98-0066	Brooklyn PS #274	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
12/06/01	7097-18-0063	Staten Island PS #44	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043

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)