NYC-WTC_000187470

NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for WTC Extended Network
Sampling Date and Time: 01/13/02 1200 to 2400

Data Validation Date: 01/17/2002

					PCM by NIOSH 7400		TEM (AHERA)			
							Structures (#)			
Sampling Date	Sample No.	Sampling Location	Sample Volume (L)**	Matrix	f/mm^2	f/cc	0.5µ - 5µ	5µ	S/mm^2	S~f/cc*
01/13/02	7093-18-0108	Park Row	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/13/02	7093-19-0108	Chambers Street	1344	Air	<7.0	<0.002	0	0	<16.00	<0.0046
01/13/02	7093-15-0106	Manhattan IS #143	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/13/02	7094-09-0096	Bronx PS #154	1398	Air	<7.0	<0.002	0	0	<16.00	<0.0044
01/13/02	7096-12-0102	Queens PS #199	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/13/02	7095-98-0102	Brooklyn PS #274	1090***	Air	<7.0	<0.002	0	0	<13.33	<0.0047
01/13/02	7097-18-0099	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/mm^2, volume 1200 L, for 25 mm filter (TEM)

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