NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for WTC Extended Network
Sampling Date and Time: 01/23/02 1200 to 2400

Data Validation Date: 01/27/2002

					PCM by NIOSH 7400		TEM (AHERA)			
							Structures (#)			
Sampling Date	Sample No.	Sampling Location	Sample Volume (L)**	Matrix	f/mm²	f/cc	0.5µ - 5µ	5µ	S/mm²	S-f/cc*
01/23/02	7093-18-0118	Park Row	1180***	Air	<7.0	<0.002	0	0	<13.33	<0.0044
01/23/02	7093-19-0118	Chambers Street	1210	Air	<7.0	<0.002	0	0	<13.33	<0.0042
01/23/02	7093-15-0116	Manhattan IS #143	1390	Air	<7.0	<0.002	0	0	<16.00	<0.0044
01/23/02	7094-09-0106	Bronx PS #154	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/23/02	7096-12-0112	Queens PS #199	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
01/23/02	7095-98-0112	Brooklyn PS #274	1190***	Air	<7.0	<0.002	0	0	<13.33	<0.0043
01/23/02	7097-18-0109	Staten Island PS #44	1440	Air	<7.0	<0.002	1****	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)

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