NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for WTC Extended Network
Sampling Date and Time: 4/12/2002 1200 to 2400

Data Validation Date: 4/18/02

					PCM by NIOSH 7400		TEM (AHERA)			
							Structures (#)			
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm^2	f/cc	0.5µ - 5µ	5µ	S/mm^2	S~f/cc**
04/12/02	7093-18-0197	Park Row	402	Air	<7.0	<0.007	0	0	<8.00	<0.0077
04/12/02	7093-19-0197	Chambers Street	1132	Air	<7.0	<0.002	***1	0	13.33	0.0045
04/12/02	7093-15-0195	I.S. 143 Manhattan	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
04/12/02	7094-09-0183	P.S. 154 (Bronx)	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
04/12/02	7096-12-0191	P.S. 199 (Queens)	1254	Air	<7.0	<0.002	0	0	<16.00	<0.0049
04/12/02	7095-98-0191	P.S. 274 (Brooklyn)	1406	Air	<7.0	<0.002	0	0	<16.00	<0.0044
04/12/02	7097-18-0188	P.S. 44 (S I)	1166	Air	<7.0	<0.002	0	0	<13.33	<0.0044

Key:
*Structure (S) roughly equivalent to fiber (f)
** Sample volume is based on pump reading
*** Some 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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