NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results for WTC Extended Network
Sampling Date and Time 2/23/2002 1200 to 2400

Data Validation Date: 02/27/02

					PCM by NIOSH 7400		TEM (AHERA)			
							Structures (#)			
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm²	f/cc	0.5µ - 5µ	5µ	S/mm²	S-f/cc**
02/23/02	093-18-0149	Park Row	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/23/02	093-19-0149	ambers Stre	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/23/02	093-15-0147	143 Manhat	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/23/02	094-09-0137	S. 154 (Bron	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/23/02	096-12-0143	S. 199 (Queer	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/23/02	095-98-0143	. 274 (Brookl	1254	Air	<7.0	<0.002	0	0	<13.33	<0.0041
02/23/02	097-18-0140	P.S. 44 (S I)	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
				Air	<7.0	<0.004	0	0	8.89	0.0048
				Air	<7.0	<0.004	0	0	<8.00	<0.0053
				Air	<7.0	<0.004	0	0	<8.89	<0.0048
				Air	<7.0	<0.004	0	0	<8.89	<0.0048
				Air	<7.0	<0.004	0	0	<8.89	<0.0048
				Air	<7.0	<0.004	0	0	8.89	0.0048
				Air	<7.0	<0.004	0	0	<8.89	<0.0048
				Air	<7.0	<0.004	0	0	<8.89	<0.0048
				Air	<7.0	<0.004	0	0	<8.89	<0.0048
				Air	<7.0	<0.004	0	0	<8.89	<0.0048
				Air	<7.0	<0.004	0	0	<8.00	<0.0055
				Air	<7.0	<0.004	0	0	<8.00	<0.0054
				Air	<7.0	<0.004	0	0	<8.00	<0.0046
				Air	<7.0	<0.004	0	0	<8.00	<0.0054
				Air	<7.0	<0.004	0	0	8.89	0.0048
				Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
				Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)

PCM fibers

0

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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