

NYC Response

Asbestos Air Sampling Results for WTC Extended Network

Sampling Date and Time 2/7/2002 1200 to 2400

Data Validation Date: 02/11/02

PCM fibers

Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	PCM by NIOSH 7400		TEM (AHERA)			
					f/mm ²	f/cc	Structures (#)		S/mm ²	S-f/cc**
							0.5µ - 5µ	5µ		
02/07/02	093-18-0133	Park Row	1246	Air	<7.0	<0.002	0	0	<13.33	<0.0041
02/07/02	093-19-0133	Chambers Stre	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/07/02	093-15-0131	I.S. 143	1366	Air	<7.0	<0.002	0	0	<16.00	<0.0045
02/07/02	094-09-0121	S. 154 (Bron	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/07/02	096-12-0122	E. 199 (Quee	1430	Air	<7.0	<0.002	0	0	<16.00	<0.0043
02/07/02	095-98-0122	E. 274 (Brookl	1356	Air	<7.0	<0.002	0	0	<16.00	<0.0045
02/07/02	097-18-0124	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⁾

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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