

NYC Response
Asbestos Air Sampling Results for WTC Extended Network
Sampling Date and Time: 11/08/2001 1200 to 2400

Sampling Date
11/08/01
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Key:

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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Sample No.	Sampling Location	Sample Volume (L)**	Matrix	f by NIOSH		0.5µ - 5µ
				f/mm ²	f/cc	
7093-18-0042	Pace U.	1440	Air	NR	NR	0
7093-20-0042	Coast Guard	1440	Air	NR	NR	0
7093-19-0042	BMCC	1440	Air	NR	NR	0
7097-18-0036	Staten Island PS #44	1392	Air	NR	NR	0
7095-98-0039	Brooklyn PS #274	1344	Air	NR	NR	0
7096-12-0038	Queens PS #199	1320	Air	NR	NR	0
7094-09-0036	Bronx PS #143	1260	Air	NR	NR	0
7093-15-0041	Manhattan PS #143	1440	Air	NR	NR	0

NS: Not sampled

*Structure (S) roughly equivalent to fiber (f)

** Sample volume is based on pump reading

*** Sample volume is below recommended limit for TEM analysis

NA⁽¹⁾: not analyzed due to overloading of particulates

NA⁽¹⁾: not analyzed for TEM

**** Chrysotile

NR - Analysis not requested

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Data Validation Date: 11/12/01

TEM (AHERA)		
Structures (#)	S/mm ²	S~f/cc*
5μ		
0	<15.87	<0.0042
0	<15.87	<0.0042
0	<15.87	<0.0042
0	<15.87	<0.0044
0	<15.87	<0.0045
0	<15.87	<0.0046
0	<15.87	<0.0049
0	<15.87	<0.0042

		TEM	
		# structure	area analyzed
Fibers	No. of Fields		
	100		
	100		
	100		
	100		

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