

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 04.00 to 16.00 (09/22/01)

Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400		TEM by NIOSH 7402		TEM (AHERA)			
					f/mm ²	f/cc	AF/NAF	Adjusted TEM f/cc	Structures (#)		S/mm ²	S-f/cc
									<5µ	>5µ		
9/22/01	17431	A	720	Air	<7.0	<0.004	0/6	<0.004	NA	NA	NA	NA
9/22/01	17432	B	720	Air	<7.0	<0.004	1/2	<0.004	0	0	<8.89	<0.0048
9/22/01	17433	C	720	Air	<7.0	<0.004	1/1	<0.004	0	0	<8.89	<0.0048
9/22/01	17436	D	720	Air	7.64	0.004	0/0	0.004	5	1	53.33	0.0285
9/22/01	17439	E	720	Air	<7.0	<0.004	0/0	<0.004	1	0	8.89	0.0048
9/22/01	17440	E DUP	720	Air	14.01	0.007	0/0	<0.004	5	0	44.44	0.0238
9/22/01	17441	F	720	Air	8.82	0.005	0/2	<0.004	1	0	8.89	0.0048
9/22/01	NS	F DUP										
9/22/01	NS	G										
9/22/01	17434	H	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/22/01	17435	I	828	Air	<7.0	<0.003	0/0	<0.004	0	1	8.89	0.0041
9/22/01	17430	J	430	Air	<7.0	<0.006	0/1	<0.006	0	0	<5.33	<0.0048
9/22/01	17437	K	720	Air	8.82	0.005	0/1	<0.004	7	2	80	0.0428
9/22/01	17444	L	792	Air	<7.0	<0.003	0/0	<0.003	0	0	<10	<0.0049
9/22/01	17442	N	720	Air	<7.0	<0.004	0/1	<0.004	0	0	<8.89	<0.0048
9/22/01	17443	M	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/22/01	NS	O										
9/22/01	17438	P	720	Air	<7.0	<0.004	0/0	<0.004	1	1	17.78	0.0085

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Sampling Locations:

A: Intersection of Barclay+West Broadway
 B: Intersection of Church+Dey St.
 C: Intersection of Liberty+Broadway
 D: Intersection of Greenwich+Albany
 E: Intersection of Liberty+South End Ave
 F: Intersection of Vesey+West St.
 G: Intersection of Church and Duane
 H: One Chase Plaza
 I: Wall Street+Broadway
 J: Corner of West and Warren
 K: Corner of Albany and West
 L: Stupe High North
 N: Pier 25
 M: Intersection of Harrison + West
 P: Intersection of Albany and South end

NS: Not sampled

AF/ANF: Asbestos fibers/Non asbestos fibers

Sample volume is below recommended limit of the method:

*Structure (S) Roughly equivalent to Fiber (F)

NA: not analyzed due to overloading of particulates

NR: Analysis not requested

ERT: 09/24/01 9:50 AM

NIOSH 7400: Fiber Analysis of Air samples Via NIOSH 7400, Revision 3, Issue 2, 8/15/94

NIOSH 7402: Asbestos Analysis of air samples by Transmission Electron Microscopy

Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) EPA 40CFR Part 763 (AHERA)

Standard criteria: EPA 40CFR Part 763 (AHERA): 0.01fiber/cc (PCM), 70S/mm², volume 1200L, for 25MM filter (TEM)

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