

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 16.00 (9/22/01) to 04.00 (09/23/01)

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 - 9/23	00626	A	720	Air	29.3	0.016	0/4	<0.004	NA			
9/22 - 9/23	00623	B	720	Air	20.38	0.011	1/2	<0.004	1	0	8.89	0.0048
9/22 - 9/23	00627	C	720	Air	21.02	0.011	0/1	<0.004	0	1	8.89	0.0048
9/22 - 9/23	00629	D	720	Air	NA	NA	NA	NA	NA			
9/22 - 9/23	01462	E	720	Air	<7.0	<0.004	0/0	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	01461	F	720	Air	15.29	0.008	0/1	<0.004	2	0	17.78	0.0095
9/22 - 9/23	01465	F DUP	720	Air	20.38	0.011	0/1	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	NS	G										
9/22 - 9/23	00630	H	720	Air	8.92	0.005	0/2	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	00628	I	720	Air	8.92	0.005	0/2	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	01466	J	720	Air	12.1	0.006	0/0	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	00625	K	720	Air	28.03	0.015	0/0	<0.004	1	1	17.78	0.0095
9/22 - 9/23	00622	L	720	Air	9.55	0.005	0/0	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	01464	N	720	Air	<7.0	<0.004	0/1	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	01463	M	720	Air	10.19	0.005	0/0	<0.004	0	0	<8.89	<0.0048
9/22 - 9/23	NS	O										
9/22 - 9/23	00624	P	720	Air	<7.0	<0.004	0/0	<0.004	1	0	8.89	0.0048

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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): 0.01 fiber/cc (PCM), 70S/mm², volume 1200L, for 25MM filter (TEM)

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