

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 10.00 (9/19/01) to 18.00.00 (9/19/01)

7.01

PCM equivalent fibers > .45 length & only asbestos

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
9/19/2001	01582	A	480	Air	39.49	0.032	6/15	0.015	2	1	18.46	0.0148
9/19/2001	01583	B	480	Air	39.49	0.032	3/15	<0.006	4	1	30.71	0.0247
9/19/2001	NS	C										
9/19/2001	01584	C1	480	Air	20.38	0.006	3/10	<0.006	2	0	12.31	0.0099
9/19/2001	01587	D	480	Air	33.12	0.027	1/4	<0.006	1	0	6.15	0.0049
9/19/2001	01589	E	480	Air	39.49	0.032	3/84	<0.006	2	3	30.77	0.0247
9/19/2001	01590	E DUP	480	Air	45.86	0.037	2/32	<0.006			<6.15	<0.0049
9/19/2001	01591	F	480	Air	16.56	0.013	1/139	<0.006			<6.15	<0.0049
9/19/2001	NS	F DUP										
9/19/2001	NS	G										
9/19/2001	01585	H	480	Air	<7.0	<0.006	0/12	<0.006				
9/19/2001	01586	I	480	Air	17.20	0.014		<0.006			<6.15	<0.0049
9/19/2001	01592	J	480	Air	12.10	0.01		<0.006			<6.15	<0.0049
9/19/2001	01588	K	480	Air	25.11	0.021	1/10	<0.006	1	1	12.31	0.0099
9/19/2001	NS	L										
9/19/2001	01594	N	480	Air	<7.0	<0.006			Waiting for Results			
9/19/2001	01593	M	480	Air	<7.0	<0.006			Waiting for Results			
9/22/2001	NS	P										

cc:R03995

Sampling Locations:

- A: Intersection of Barclay+West Broadway
 B: Intersection of Church+Dey St.
 C: Intersection of Liberty+Trinity
 C1: Intersection of Liberty+ Broadway
 D: Intersection of Greenwich+Albany
 E: Intersection of Liberty+South End Ave
 F: Intersection of Vesey+West St. F DUP
 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
 N: West Side Highway/ near community college
 M: Intersection of Liberty + Broad
 O: Pier 25
 P: Intersection of Harrison + West

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: 09/23/01 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)

NYC Response
Asbestos Bulk Sample Analysis Results

Date Sampled	Sample No.	Sampling Location	Matrix	PLM Results % Asbestos	Comments
9/21/2001	01736	I-beam Tower 2	Dust	ND	
PLM Polarized Light Microscope by Method NY State ELAP 198.1					
ND: Not Detected					

COC 04045

ERT 9:50 AM 9/23/01