NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results at Fixed Locations
Sampling Date and Time: 12/16/01 0001 to 1200

Data Validation Date: 12/18/01

					PCM by NIOSH 7400		TEM (AHERA)				
							Structures (#)				
Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	f/mm²	f/cc	0.5µ - 5µ	5µ	S/mm²	S~f/cc**	PCM fibers
12/16/01	RST-01992	L	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-01993	M-1	707	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-01994	N	853.4	Air	<7.0	<0.003	0	0	<8.89	<0.0040	
12/16/01	RST-01995	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-01996	Q	974.1	Air	<7.0	<0.003	0	0	<11.43	<0.0045	
12/16/01	RST-01997	F	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-01998	A	718	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-01999	B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02000	C	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02001	H	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02002	I	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02003	D	716	Air	7.01	0.004	0	0	<8.89	<0.0048	5.5
12/16/01	RST-02004	K	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02005	T	633	Air	<7.0	<0.004	0	0	<8.00	<0.0049	
12/16/01	RST-02006	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02007	U-Dup	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02008	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02009	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02010	S-Dup	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02011	P	666	Air	<7.0	<0.004	0	0	<8.89	<0.0051	
12/16/01	RST-02012	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	RST-02013	W	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048	
12/16/01	FB121601	Field Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)	
12/16/01	TB121601	Trip Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)	

Sampling Locations:

A: NE corner of West Broadway & Barclay
B: SE corner of Church & Dey St.
C: Trinity (a.k.a. Church) & Liberty
C1: SW corner of Broadway & Liberty St.
D: East end of Albany St. at Greenwich St.
E: Western end of Liberty St. at South End Ave
F: Northern median strip of Vesey & West St
G: Church and Duane St.
H: South side of Chase Manhattan Plaza at Pine St.
I: SE corner of Wall St. & Broadway
J: NE corner of Warren & West St.
K: West St. & Albany in median strip
L: On walkway toward North Park rec area (north side of Suyvesant High), access to TAGA bus area
M: Western end of Harrison St. at West St. (on tree next to bulkhead)
M1 : West St. - 50 yards south of Harrison St. at bulkhead
N: South side of Pier 25 (next to volleyball ct)
P: NE corner of South End Ave. & Albany
Q: Barclay & West St. (center island) in proximity to USCG command post
R: TAGA Bus Location
S: Rector & South End
T: Pier 6 Heliport
U: Pier 6 Exit 2
V: Pier 6 Bus Sign
W: Wash Tent Common Area

Key:

* Sample volume (liters) is below recommended limit for the TEM method; volume is based on pump reading
** Structure (S) is roughly equivalent to fiber (f)
*** Chrysotile
**** Extremely low sample volume collected

NA(1) - Not analyzed due to overloading of particulates
NA(2) - Not analyzed for TEM
n/a - Not applicable
NR - Not requested
NS - Sample not submitted

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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