NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results at Fixed Locations **Data Validation Date: 12/21/01**
Sampling Date and Time: 12/18/01 1200 to 2359

					PCM by NIOSH 7400		TEM (AHERA)			
							Structures (#)			
Sampling Date	Sample No.	Sampling Location	Sample Volume*	Matrix	f/mm^2	f/cc	0.5µ - 5µ	5µ	S/mm^2	S~f/cc**
12/18/01	RST-02102	L	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02103	N	1193.4	Air	<7.0	<0.002	0	0	<13.33	<0.0043
12/18/01	RST-02104	M-1	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02105	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02106	Q	1224*	Air	<7.0	<0.002	0	0	<13.33	<0.0042
12/18/01	RST-02107	F	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02108	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02109	B	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02110	C	720	Air	7.64	0.004	0	0	<8.89	<0.0048
12/18/01	RST-02111	H	720	Air	<7.0	<0.004	1***	0	8.89	0.0048
12/18/01	RST-02112	H-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02113	I	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02114	I-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02115	D	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02116	K	720	Air	<7.0	<0.004	1***	0	8.89	0.0048
12/18/01	RST-02117	T	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02118	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02119	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02120	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02121	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02122	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/18/01	RST-02123	W	386	Air	7.64	0.008	3***	1***	32	0.0319
12/19/01	FB121901	Field Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
12/19/01	TB121901	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, except for sample RST-02106; volume is based on pump reading

** Structure (S) is roughly equivalent to fiber (f)
*** Chrysotile
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/mm^2, volume 1200 L, for 25 mm filter (TEM)

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