NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results at Fixed Locations **Data Validation Date: 12/26/01**
Sampling Date and Time: 12/21/01 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**
12/21/01	RST-02230	L	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02231	M1	720	Air	8.92	0.005	0	0	<8.89	<0.0048
12/21/01	RST-02232	N	720	Air	8.28	0.004	0	0	<8.89	<0.0048
12/21/01	RST-02233	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02234	Q	720	Air	7.64	0.004	0	0	<8.89	<0.0048
12/21/01	RST-02235	F	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02236	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02237	B	720	Air	10.19	0.005	0	0	<8.89	<0.0048
12/21/01	RST-02238	C	720	Air	8.92	0.005	0	0	<8.89	<0.0048
12/21/01	RST-02239	H	720	Air	7.01	0.004	0	0	<8.89	<0.0048
12/21/01	RST-02240	H-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02241	I	700	Air	<7.0	<0.004	0	0	<8.89	<0.0049
12/21/01	RST-02242	D	720	Air	7.64	0.004	0	0	<8.89	<0.0048
12/21/01	RST-02243	K	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	-	T	NS	Air	NS	NS	NS	NS	NS	NS
12/21/01	RST-02244	U	695	Air	<7.0	<0.004	0	0	<8.89	<0.0049
12/21/01	RST-02245	V	700	Air	<7.0	<0.004	0	0	<8.89	<0.0049
12/21/01	RST-02246	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02247	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02248	P-Duplicate	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02249	E	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/21/01	RST-02250	W	720	Air	17.83	0.0095	0	0	<8.89	<0.0048
12/22/01	FB122201	Field Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
12/22/01	TB122201	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
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 at this time

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)

FL-12-21-01-pm

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008 CONFIDENTIAL,
CITY_21MC100_0034469 37

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