NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results at Fixed Locations
Sampling Date and Time: 12/11/01 0001 to 1200

Data Validation Date: 12/13/01

					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**
12/11/01	RST-01773	L	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01774	M1	546	Air	<7.0	<0.005	0	0	<8.00	<0.0056
12/11/01	RST-01775	N	996.2	Air	<7.0	<0.003	0	0	<11.43	<0.0044
12/11/01	RST-01776	J	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01777	Q	1224*	Air	<7.0	<0.002	0	0	<13.33	<0.0042
12/11/01	RST-01778	F	708	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01779	A	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01780	B	720	Air	7.64	0.004	0	0	<8.89	<0.0048
12/11/01	RST-01781	C	720	Air	7.01	0.004	0	0	<8.89	<0.0048
12/11/01	RST-01782	C-Dup	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01783	H	720	Air	<7.0	<0.004	7***	0	62.22	0.0333
12/11/01	RST-01784	I	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01785	D	720	Air	11.46	0.006	5***	1***	53.33	0.0285
12/11/01	RST-01786	D-Dup	720	Air	8.92	0.005	0	0	<8.89	<0.0048
12/11/01	RST-01787	K	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01788	T	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01789	U	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01790	V	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01791	S	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01792	P	720	Air	<7.0	<0.004	0	0	<8.89	<0.0048
12/11/01	RST-01793	E	445	Air	<7.0	<0.006	0	0	<8.00	<0.0069
12/11/01	RST-01794	W	720	Air	7.64	0.004	1***	0	8.89	0.0048
12/11/01	FB121101	Field Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
12/11/01	TB121101	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-01777; 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
NA(3) - Not analyzed due to wet filter
n/a - Not applicable
NR - Not requested
NS - Sample not submitted due to no sample volume

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)

DEP00021798.XLS

CITY_21MC100_002647865

NYC-WTC_000419418

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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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NYC-WTC_000419419