NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results at Fixed Locations **Data Validation Date: 02/24/2002**
Sampling Date and Time: 2/22/20010001 to 1200

					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**
02/22/01	FB022202	Field Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
02/22/01	TB022202	Trip Blank	0	Air	<7.0	n/a	NA(2)	NA(2)	NA(2)	NA(2)
02/22/01	TTW-00782	L	876.6	Air	<7.0	<0.003	0	0	<10.00	<0.0044
02/22/01	TTW-00783	M1	1296	Air	<7.0	<0.002	0	0	<16.00	<0.0048
02/22/01	TTW-00784	N	963	Air	<7.0	<0.003	0	0	<11.43	<0.0046
02/22/01	TTW-00785	J	1022	Air	<7.0	<0.003	0	0	<11.43	<0.0043
02/22/01	TTW-00786	Q	1139.4	Air	<7.0	<0.002	0	0	<13.33	<0.0045
02/22/01	TTW-00787	F-Dup	889.2	Air	<7.0	<0.003	0	0	<10.00	<0.0043
02/22/01	TTW-00788	A	956.45	Air	7.64	0.003	0	0	<11.43	<0.0046
02/22/01	TTW-00789	A-Dup	969.4	Air	<7.0	<0.003	0	0	<11.43	<0.0045
02/22/01	TTW-00790	B	957.6	Air	<7.0	<0.003	0	0	<11.43	<0.0046
02/22/01	TTW-00791	C	1049.4	Air	<7.0	<0.003	0	0	<11.43	<0.0042
02/22/01	TTW-00792	D	1078.2	Air	<7.0	<0.002	0	0	<13.33	<0.0048
02/22/01	TTW-00793	K	1047.6	Air	<7.0	<0.003	0	0	<11.43	<0.0042
02/22/01	TTW-00794	U	1074.6	Air	<7.0	<0.003	0	0	<13.33	<0.0048
02/22/01	TTW-00795	V	995.4	Air	<7.0	<0.003	0	0	<11.43	<0.0044
02/22/01	TTW-00796	S	923.4	Air	<7.0	<0.003	0	0	<11.43	<0.0048
02/22/01	TTW-00797	E	973.8	Air	<7.0	<0.003	0	0	<11.43	<0.0045
02/22/01	TTW-00798	W	1074.6	Air	16.56	0.006	0	0	<13.33	<0.0048

No sample for Location F due to Battery Failure

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:
* Some sample volumes (liters) are 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
***** Amosite
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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