NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results at Fixed Locations
Sampling Date and Time: 10/12/01 (00:01) to 10/12/01 (12:00)

					PCM by NIOSH 7400		TEM (AHERA)			
Sampling		Sampling	Sample		f/mm^2	f/cc	Structures (#)*		S/mm^2	S~f/cc*
Date	Sample No.	Location	Volume	Matrix			0.5µ-5µ	>5µ		
10/12/2001	05404	A	1440	Air	20.38	0.005	0	0	<15.50	<0.0041
10/12/2001	05405	B	1440	Air	39.49	0.011	0	0	<15.50	<0.0041
10/12/2001	05406	C 1	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/12/2001	05409	D	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/12/2001	05412	E	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/12/2001	05413	F	1440	Air	11.46	0.003	0	0	<15.50	<0.0041
10/12/2001	05407	H	1440	Air	10.19	0.003	0	0	<15.50	<0.0041
10/12/2001	05408	I	1440	Air	<7.0	<0.002	No Data	No Data	No Data	No Data
10/12/2001	05416	J	1440	Air	12.74	0.003	0	0	<15.50	<0.0041
10/12/2001	05415	J Dup	1440	Air	10.19	0.003	0	0	<15.50	<0.0041
10/12/2001	05410	K	1440	Air	8.92	0.002	0	0	<15.50	<0.0041
10/12/2001	05419	L	1440	Air	10.19	0.003	0	0	<15.50	<0.0041
10/12/2001	05418	M	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/12/2001	05417	N	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/12/2001	05414	Q	1440	Air	14.01	0.004	No Data	No Data	No Data	No Data
10/12/2001	05411	S	1440	Air	11.46	0.003	0	0	<15.50	<0.0041
10/12/2001	05402	T	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/12/2001	05401	U	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/12/2001	05403	V	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041

10/11/1911

Sampling Locations:
A: NE corner of West Broadway & Barday
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 Stuyvesant 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 court)
P: NE corner of South End Ave. & Albany
Q: Barday & 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

NS: Not sampled
*Structure (S) roughly equivalent to fiber (f)
NR: Not requested
NA: not analyzed due to overloading of particulates

ERT: 10/14/01 09:50 AM

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-10-12-01

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