NYC 9/11 Public Portal Document

NYC Response
Asbestos Air Sampling Results at Fixed Locations
Sampling Date and Time: 09/26/01 1200 to 0000

					PCM by NIOSH 7400		TEM by NIOSH 7402		TEM (AHERA)			
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm²	f/cc	AF/NAF	Adjusted TEM f/cc	Structures (#) <5µ	Structures (#) >5µ	S/mm²	S~f/cc*
9/26/2001	2533	A	720	Air	31.85	0.017	0/26	<0.004	0	0	<8.89	<0.0048
9/26/2001	2534	B	720	Air	48.41	0.026	1/13	<0.004	1	0	8.89	0.0048
9/26/2001	2535	C 1	720	Air	17.83	0.009	0/2	<0.004	1	0	8.89	0.0048
9/26/2001	2538	D	720	Air	33.12	0.018	0/9	<0.004	10	1	97.78	0.0523
9/26/2001	1512	E	720	Air	20.38	0.011	1/15	<0.004	2	0	17.78	0.0095
9/26/2001	1513	F	720	Air	33.12	0.018	2/10	<0.004	7	1	71.11	0.0380
9/26/2001	2536	H	720	Air	29.3	0.016	0/4	<0.004	2	0	17.78	0.0095
9/26/2001	2537	I	720	Air	26.75	0.014	0/4	<0.004	1	0	8.89	0.0048
9/26/2001	2531	J	720	Air	24.2	0.013	0/7	<0.004	0	0	<8.89	<0.0048
9/26/2001	2532	J Dup	720	Air	22.29	0.012	0/6	<0.004	1	0	8.89	0.0048
9/26/2001	2539	K	720	Air	28.66	0.015	2/11	<0.004	19	1	177.78	0.0951
9/26/2001	NS	L		Air								
9/26/2001	1515	N	720	Air	<7.0	<0.004	0/4	<0.004	0	0	<8.89	<0.0048
9/26/2001	1516	M	720	Air	<7.0	<0.004	0/4	<0.004	0	0	<8.89	<0.0048
9/26/2001	2540	P	720	Air	24.2	0.013	0/3	<0.004	0	0	<8.89	<0.0048
9/26/2001	1514	Q	720	Air	29.3	0.016	1/13	<0.004	4	1	44.44	0.0238
9/26/2001	1511	S	720	Air	8.92	0.005	0/1	<0.004	0	0	<8.89	<0.0048

coc# 04065

Sampling Locations:
A: NE corner of West Broadway & Barclay Street
B: SE corner of Church & Dey St.
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
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)
N: South side of Pier 25 (next to volleyball court)
P: NE corner of South End Ave. & Albany
Q: Barclay & West St. (center island) in proximity to USCG command post
S: Rector & South End

NS: Not sampled
AF/ANF: Asbestos fibers/Non asbestos fibers
Sample volume is below recommended limit of the method:
*Structure (S) Roughly equivalent to Fiber (F)
NA: not analyzed due to overloading of particulates

ERT: 9/29/01 09:50am

NIOSH 7400: Fiber Analysis of Air Samples via NIOSH 7400, Revision 3, Issue 2, 8/15/94
NIOSH 7402: Asbestos Analysis of Air Samples by Transmission Electron Microscopy
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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