NYC Response
Asbestos Air Sampling Results at Fixed Locations
Data Validation Date: 02/14/02
Sampling Date and Time: 2/11/2000 1200 to 2359

					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**
02/11/00	TTW-00422	L	1149.5	Air	<7.0	<0.002	0	0	<13.33	<0.0045
12/31/99	TTW-00423	L-Dup	1132	Air	9.55	0.003	0	0	<13.33	<0.0045
02/11/00	TTW-00424	M1	1002.7	Air	7.01	0.003	0	0	<11.43	<0.0044
02/11/00	TTW-00425	N	582.75	Air	7.64	0.005	0	0	<11.43	<0.0076
02/11/00	TTW-00426	J	1095.2	Air	8.92	0.003	***3	0	24	0.0084
02/11/00	TTW-00427	F	1058.75	Air	<7.0	<0.003	0	0	<13.33	<0.0048
02/11/00	TTW-00428	A	1095.2	Air	8.28	0.003	0	0	<13.33	<0.0047
02/11/00	TTW-00429	B	1095.2	Air	<7.0	<0.002	***13	***3	213.33	0.0750
02/11/00	TTW-00430	B-Dup	1065.6	Air	10.83	0.004	0	0	<13.33	<0.0048
02/11/00	TTW-00431	C	989.75	Air	14.01	0.005	***1	***1	22.86	0.0089
02/11/00	TTW-00432	D	1332	Air	<7.0	<0.002	0	0	<16.00	<0.0046
02/11/00	TTW-00433	K	1017.9	Air	8.28	0.003	0	0	<11.43	<0.0043
02/11/00	TTW-00434	U	1068.38	Air	<7.0	<0.003	0	0	<13.33	<0.0048
02/11/00	TTW-00435	V	876.9	Air	<7.0	<0.003	***1	0	10	0.0044
02/11/00	TTW-00436	S	1098	Air	<7.0	<0.002	0	0	<13.33	<0.0047
02/11/00	TTW-00437	E	1047.6	Air	<7.0	<0.003	***1	0	13.33	0.0049
02/11/00	TTW-00438	W	1080	Air	15.92	0.006	***4	0	53.33	0.0190

No sample taken for Location Q due to pump fault

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 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
**** Extremely low sample volume collected
***** Actinolite
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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