

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time:

6/14/2002 1200 to 2400

Data Validation Date: 06/17/02

					PCM by NIOSH 7400		TEM (AHERA)				PCM fibers		PCM # fields
Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	f/mm²	f/cc	Structures (#)		S/mm²	S-f/cc**			
							0.5µ - 5µ	5µ					
06/14/02	TTW-04538	W	1404	Air	<7.0	<0.002	0	0	<16.00	<0.0044			100
06/14/02	TTW-04539	Q	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			100
06/14/02	TTW-04540	Q-Dup	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			100
06/14/02	TTW-04541	F	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			100
06/14/02	TTW-04542	F-Dup	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			100
06/14/02	TTW-04543	E	1380.60	Air	<7.0	<0.002	0	0	<16.00	<0.0045			100
06/14/02	TTW-04544	S	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			100
06/14/02	TTW-04545	K	1404	Air	<7.0	<0.002	0	0	<16.00	<0.0044			100
06/14/02	TTW-04546	D	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			100
06/14/02	TTW-04547	C	1368	Air	<7.0	<0.002	0	0	<16.00	<0.0045			100
06/14/02	TTW-04548	B	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			100
06/14/02	TTW-04549	A	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			
06/14/02	TTW-04551	M1	1440	Air	<7.0	<0.002	0	0	<16.00	<0.0043			
06/14/02	TTW-04552	L	1204	Air	<7.0	<0.002	0	0	<13.33	<0.0043			

No Sample submitted for Location J 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:

*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 particulatesNA⁽²⁾ - Not analyzed for TEM

n/a - Not applicable

NR - Not requested

NS - Sample not submitted

L□

CITY_21MC100_002648314

S/mm2	S l/cc
13.330	i3655306267806
	0
	0
	0
22.860	
	0
	0
213.330	i84986111111111
22.860	0.006111875
16.000	i4502923976608
10.000	i26736111111111

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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CITY_21MC100_002648316

