

NYC Response

Asbestos Air Sampling Results at Fixed Locations

Sampling Date and Time: 10/09/01 (1200 to 2400)

Sampling Date	Sample No.	Sampling Location	Sample Volume	Matrix	PCM by NIOSH 7400		TEM (AHERA)			
					f/mm ²	f/cc	Structures (#)*		S/mm ²	S-f/cc*
							0.5µ - 5µ	5µ		
10/9/01	05365	A	1440	Air	NA	NA	0	0	<15.50	<0.0041
10/9/01	05366	B	1440	Air	58.6	0.016	0	0	<15.50	<0.0041
10/9/01	05367	C 1	1440	Air	8.92	0.002	0	0	<15.50	<0.0041
10/9/01	05370	D	1440	Air	30.57	0.008	3**	1	62.02	0.0166
10/9/01	05375	E	1440	Air	22.93	0.006	0	0	<15.50	<0.0041
10/9/01	05376	F	1440	Air	73.89	0.02	0	0	<15.50	<0.0041
10/9/01	05368	H	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/9/01	05369	I	1440	Air	28.03	0.007	0	0	<15.50	<0.0041
10/9/01	05364	J	1440	Air	21.66	0.006	0	0	<15.50	<0.0041
10/9/01	05371	K	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/9/01	05361	L	1440	Air	35.67	0.009	0	0	<15.50	<0.0041
10/9/01	05362	M	1440	Air	20.38	0.005	0	0	<15.50	<0.0041
10/9/01	05363	N	1440	Air	<7.0	<0.002	0	0	<15.50	<0.0041
10/9/01	05373	P	1440	Air	81.53	0.022	0	0	<15.50	<0.0041
10/9/01	05374	P DUP	1440	Air	54.78	0.015	0	0	<15.50	<0.0041
10/9/01	05377	Q	1440	Air	40.76	0.011	0	0	<15.50	<0.0041
10/9/01	05372	S	1440	Air	14.01	0.004	0	0	<15.50	<0.0041

OCC# 04097

** Chrysotile: no other asbestos fibers found

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 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

R: TAGA Bus Location

S: Rector & South End

NS: Not sampled

Sample volume is below recommended limit of the method:

*Structure (S) roughly equivalent to fiber (f)

NR: Not requested

NA: not analyzed due to overloading of particulates

ERT: 10/12/01 9:50 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/mm², volume 1200 L, for 25 mm filter (TEM)

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