NYC 9/11 Public Portal Document

718 732 452 6464 P.05/25

**NYC Response**
**Asbestos Air Sampling Results at Fixed Locations**
**Sampling Date and Time: 10/10/01 (1200 to 2400)**

| | | | | | PCM by NIOSH 7400 | | TEM ( AHERA) | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | Sample No. | Sampling Location | Sample Volume | Matrix | f/mm² | f/cc | Structures (#)* 0.5µ - 5µ | Structures (#)* 5µ | S/mm² | S-f/cc* |
| 10/10/01 | 17460 | A | 1440 | Air | 39.49 | 0.011 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17461 | B | 1440 | Air | 44.59 | 0.012 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17462 | C 1 | 1440 | Air | 7.64 | 0.002 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17464 | D | 1440 | Air | 12.74 | 0.003 | 1** | 0 | 15.5 | 0.0041 |
| 10/10/01 | 17469 | E | 1440 | Air | 26.75 | 0.007 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17532 | E DUP | 1420 | Air | 40.76 | 0.011 | 0 | 0 | <15.5 | <0.0042 |
| 10/10/01 | 17530 | F | 1440 | Air | 30.12 | 0.009 | 1** | 0 | 15.5 | 0.0041 |
| 10/10/01 | 17465 | H | 1440 | Air | 15.29 | 0.004 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17463 | I | 1440 | Air | 10.19 | 0.003 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17533 | J | 1440 | Air | 24.2 | 0.006 | 0 | 1** | 15.5 | 0.0041 |
| 10/10/01 | 17466 | K | 1440 | Air | 16.56 | 0.004 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17536 | L | 1440 | Air | 7.64 | 0.002 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17535 | M 1 | 1440 | Air | <7.0 | <0.002 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17534 | N | 1440 | Air | <7.0 | <0.002 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17468 | P | 1440 | Air | 42.04 | 0.011 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17531 | Q | 1440 | Air | 22.93 | 0.006 | 0 | 0 | <15.50 | <0.0041 |
| 10/10/01 | 17467 | S | 1440 | Air | <7.0 | <0.002 | 0 | 0 | <15.50 | <0.0041 |

oac# 04099

** Chrysotile: no other asbestos fibers foun

**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)
M 1: 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: 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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NYC 9/11 Public Portal Document

OCT-12-2001 16:04 718 732 452 6464 P.04/25

**NYC Response**
**Asbestos Air Sampling Results at Fixed Locations**
**Sampling Date and Time: 10/09/01 (1200 to 2400)**

| | | | | | PCM by NIOSH 7400 | | TEM ( AHERA) | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | Sample No. | Sampling Location | Sample Volume | Matrix | f/mm² | f/cc | Structures (#)* 0.5µ - 5µ | Structures (#)* 5µ | S/mm² | S-f/cc* |
| 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 | 26.03 | 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 |

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** Chrysotile: no other asbestos fibers found

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**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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