

## NYC Response

## Asbestos Air Sampling Results for WTC Extended Network

Sampling Date and Time: 01/21/02 1200 to 2400 and 01/20/02 1200 to 2130 <sup>(a)</sup>

Data Validation Date: 01/25/2002

| Sampling Date | Sample No.   | Sampling Location | Sample Volume (L)** | Matrix | PCM by NIOSH 7400 |        | TEM ( AHERA)   |    |                   |         |
|---------------|--------------|-------------------|---------------------|--------|-------------------|--------|----------------|----|-------------------|---------|
|               |              |                   |                     |        | f/mm <sup>2</sup> | f/cc   | Structures (#) |    | S/mm <sup>2</sup> | S-f/cc* |
|               |              |                   |                     |        |                   |        | 0.5µ - 5µ      | 5µ |                   |         |
| 01/21/02      | 7093-18-0116 | Park Row          | 1296                | Air    | 8.92              | 0.003  | 0              | 0  | <16.00            | <0.0048 |
| 01/21/02      | 7093-19-0116 | Chambers Stre     | 1270                | Air    | <7.0              | <0.002 | 0              | 0  | <16.00            | <0.0049 |
| 01/20/02      | 7093-15-0113 | Manhattan IS #    | 1140***             | Air    | <7.0              | <0.002 | 0              | 0  | <13.33            | <0.0045 |
| 01/21/02      | 7094-09-0104 | Bronx PS #15      | 1440                | Air    | <7.0              | <0.002 | 0              | 0  | <16.00            | <0.0043 |
| 01/21/02      | 7096-12-0110 | Queens PS #15     | 1440                | Air    | <7.0              | <0.002 | 0              | 0  | <16.00            | <0.0043 |
| 01/21/02      | 7095-98-0110 | Brooklyn PS #2    | 1090***             | Air    | <7.0              | <0.002 | 0              | 0  | <13.33            | <0.0047 |
| 01/21/02      | 7097-18-0107 | Pen Island PS     | 1440                | Air    | <7.0              | <0.002 | 0              | 0  | <16.00            | <0.0043 |

## Key:

NS: Not sampled

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

\*\* Sample volume is based on pump reading

\*\*\* Sample volume is below recommended limit for TEM analysis

NA<sup>(1)</sup>: not analyzed due to overloading of particulatesNA<sup>(1)</sup>: not analyzed for TEM

\*\*\*\* Chrysotile

\*\*\* Sample volume is below recommended limit for TEM analysis

\*\*\*\* Chrysotile

<sup>(a)</sup> The sampling date is 1/20/02 for sample 7093-15-0113 due to previous lack of access

NR - analysis not requested

NS - Sample not submitted for analysis

n/a - Not applicable

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/mm<sup>2</sup>, volume 1200 L, for 25 mm filter (TEM)

L\_