NYC 9/11 Public Portal Document

U.S. Environmental Protection Agency
Sampling Situation Report
Saturday, September 29, 2001 (11:30 AM)

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Sept.26, 12:00 noon to 12:00 midnight)
  - All 16 samples (including 1 duplicate) were below the OSHA PCM standard and were also below the NYC reentry standard. However confirmatory TEM analysis showed that 4 of these 16 samples were above the AHERA standard (70S/mm^2). (Note: Sample volumes collected were lower than the recommended volumes but were adjusted to determine if they exceeded established standards.)
  - The four samples exceeding the AHERA standard had results of 163 s/mm2, 118 s/mm2, 296 s/mm2, and 74 s/mm2 and corresponded to locations D (East End of Albany Street at Greenwich Street), F (Northern media strip of Vesey and West Street), K (West Street and Albany Street in median strip) and Q (Barclay and West Street (center island), respectively. All these samples are within the immediately impacted area.

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Sept.28, 12:00 midnight - 12:00 noon)
  - All 17 samples (including 1 duplicate) were below the OSHA PCM standard and were also below the NYC reentry standard. No samples exceeded the AHERA standard of 70S/mm^2.
- New Jersey
  - Sept 26 - all 4 samples were below the established standards.

NYC Bulk/Dust Samples (Landfill)

- Eight samples taken on Sept. 28 at the landfill were non-detect for asbestos.

Landfill Air Sampling locations (Asbestos)

- 11 air samples taken on Sept. 26 (8:00 AM - 6:00 PM) were below the established standards for all the methods analyzed.
- 11 air samples taken on Sept. 27 (7:30 AM - 6:30 PM) were below the established standards for all the methods analyzed.
- 11 air samples taken on Sept. 26-27 (6:30 PM on Sept .26 - 7:30 AM on Sept .27) were below the established standards for all the methods analyzed.

Direct Reading Instruments

- Nothing of significance identified.

NYC Ambient Water Sampling

- The seven water samples taken on Sept.25 showed no levels above the established Drinking Water MCL for asbestos of 7 MFL (million of fibers per liter).

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- NYC / ER (Sept 26)
  - Benzene exceeded OSHA TWA PEL (0.5 ppm) at one location in the plume at ground level (command center). All other results below occupational standards.

NYC Ambient Water Sampling Locations

- NYC / ER (Sept 25)
  - PCBs and PAHs reported as not detected. Metal concentrations below levels of concern.