NYC 9/11 Public Portal Document

U.S. Environmental Protection Agency
Sampling Situation Report
Sunday, September 23, 2001 (2:00 pm)

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Sept.19, 10 AM - 8PM)
  - 13 samples (including 1 duplicate) analyzed by PCM showed that 10 of these 13 samples were at or above the OSHA standard (0.01 f/cc) for PCM. Upon confirmatory TEM analysis 2 samples out of 10 were greater than the AHERA standard (70S/mm^2). (Note: Sample volumes collected were lower than the recommended volumes. When normalized to 1200 liter volume, 2 samples exceeded the AHERA standard of 70S/mm^2.)
  - These two samples results were 76.78 and 76.93 s/mm2 and were at locations B (Intersection of Church and Dey) and E (Intersection of Liberty and South End Avenue). Both these samples are within the immediately impacted area.

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Sept.21-22, 4PM - 4AM)
  - 13 samples (including 1 duplicate) analyzed by PCM showed only 1 of these samples marginally exceeding the OSHA standard (0.01 f/cc) for PCM. Upon confirmatory TEM analysis no exceedance of the AHERA standard (70S/mm^2) was noted. (Note: Sample volumes collected were lower than the recommended volumes. When normalized to 1200 liter volume, no samples exceeded the AHERA standard of 70S/mm^2.)

- New Jersey
  - Sept 20 - all 4 samples showed less than detectable levels

NYC Bulk/Dust Samples

- One sample taken from the Tower 2 Beam on Sept. 21 had non-detectable levels of asbestos

Landfill Air Sampling locations (Asbestos and PM)

- 10 air samples taken on Sept. 22 had no detectable levels of asbestos
- Dust continues to be monitored at the site for dust suppression measures through the use of personal monitors

Direct Reading Instruments

- Nothing of significance identified.

Ambient Sampling & Rector Street Runoff Resampling

- Results from metals, PAHs and TSS analysis showed no exceedances of levels of concern

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