NYC 9/11 Public Portal Document

DEC

**U.S. Environmental Protection Agency**
**Air / Bulk / Wipe Sampling Situation Report**
**Saturday, September 22, 2001 ( 3:00 pm)**

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Sept 21, 10 AM - 3PM)
  - All samples below the OSHA standard (0.1 f/cc) for PCM.
  - 10 of 13 samples are above the NYC standard for reentry (0.01 f/cc). The highest PCM hit was 0.05 f/cc.
  - Sample volumes collected were low (i.e., 240 liters). When normalized to 1200 liter volume, 5 of 10 exceed the AHERA standard (70S/mm$^2$).
- New Jersey
  - Sept 18 through Sept 20 (sampling dates reconfigured) - all less than detectable levels as cited previously.

NYC Bulk/Dust Samples

- Asbestos (Sept 21) - all samples ND or less than 1 %.
- Semivolatile organics (Sept 16) - PAH concentrations were only compounds with elevated results. Individual compounds were all below EPA removal action guidance. Using TEFs for the individual PAHs (normalized to BaP) the levels appear to approximate the EPA removal action guidance (10 ppm). This concentration is below levels of concern.
- PCB/Pesticide (Sept 16) - Pesticides detected well below levels of concern. PCBs are below EPA removal action guidance levels and below levels of concern.

Landfill Air Sampling locations (Asbestos)

- Sept 20 (7AM - 4:30PM) - All samples below AHERA standards.

NYC - Hudson River

- Asbestos (Sept 20) - none detected.

NYC - Air (TAGA)

- Volatile organics (Sept. 21) - Contamination present in background sample. Results lower than previously reported.

Direct Reading Instruments

- Nothing of significance identified.

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