NYC 9/11 Public Portal Document

U.S. Environmental Protection Agency
Air / Bulk / Wipe/ Water Sampling Situation Report
Tuesday, September 25, 2001 (12:00 pm)

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Sept 22, 4PM - Sept 23, 4AM)
  - All samples below the OSHA PCM standard.
  - 5 samples (all perimeter samples) were above the NYC reentry standard for PCM. It should be noted that no samples exceeded the TEM (AHERA) standard.

- NYC / ER (Sept 23, 4AM - Sept 23, 4PM)
  - All samples below the OSHA standard and NYC reentry standard for PCM.
  - When normalized to 1200 cc volume, 1 sample above the TEM (AHERA) standard (Location K - corner of Albany and West). Majority of fibers were less than 5 microns.

- NYC / ER (Sept 23, 2PM - Sept 24, 2AM)
  - All samples below the OSHA standard and NYC reentry standard for PCM.
  - When normalized to 1200 cc volume, 1 sample above the TEM (AHERA) standard (Location P - Albany and South End). Majority of fibers were less than 5 microns.

Fixed Ambient Air Sampling Locations (Dioxin)

- NYC / ER (Sept 16)
  - No occupational standards available
  - Levels do not pose a short-term health concern. However, elevated sufficiently to be of concern for long-term (chronic exposures).
  - **ACTION ITEM**: Additional monitoring needed for dioxin beyond the debris pile perimeter.

Ambient Air Sampling Locations (Metals)

- NYC / ER (Sept 23)
  - Ten samples collected within vicinity of ER operations.
  - Exceeds the National Ambient Air Quality Standard (1.5 ug/m^3 based on a 24 hour, 3 month period) for lead at 3 locations (Barclay/West Broadway, Church/Dey, SW corner WTC), however does not exceed the NIOSH standard.
  - Chromium levels were identified at 3 locations (Liberty/Broadway, Greenwich/Albany, Albany/South End) above the EPA Removal Action guidance levels. Does not exceed the most conservative NIOSH standard (1 ug/m^3).

NYC Bulk/Dust Samples

- Asbestos (Sept 23) - all samples (11) collected had no detectable levels of asbestos. Samples were collected around ground zero area at the entry/exit portals for newly deposited material tracked by personnel and/or vehicles.

Landfill Air Sampling locations (Asbestos)

- Sept 23 (6:30AM - 6:30AM)
  - All samples below OSHA and NYC reentry standards for PCM and TEM (AHERA standards).

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