NYC 9/11 Public Portal Document



**U.S. Environmental Protection Agency (*www.epa.gov*)**
**Air / Bulk / Wipe/ Water Sampling Situation Report**
**Monday, October 15, 2001 (12 noon)**

Landfill Ambient Air Sampling Locations

- Fresh Kills (Oct 12) - Particulate Monitoring (Dataram)
  - Nothing of significance to report based on daily average concentration.
- Fresh Kills (Oct 13) - Particulate Monitoring (Dataram)
  - Nothing of significance to report based on daily average concentration.

Ambient Air Sampling Locations

- NYC / ER (Oct 12) - Particulate Monitoring ($PM_{2.5}$)
  - Pace University (Site 1) - 24-hr average concentration for this period was 18.08 ug/m$^3$.
  - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was 19.06 ug/m$^3$.
  - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was 16.65 ug/m$^3$.
  - All readings below the National Ambient Air Quality Standard for $PM_{2.5}$ (65 ug/m$^3$).
- NYC / ER (Oct 13) - Particulate Monitoring ($PM_{2.5}$)
  - Pace University (Site 1) - 24-hr average concentration for this period was 23.28 ug/m$^3$.
  - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was 21.57 ug/m$^3$.
  - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was 20.45 ug/m$^3$.
  - All readings below the National Ambient Air Quality Standard for $PM_{2.5}$ (65 ug/m$^3$).
- NYC / ER (Oct 13) - Volatile organics (TAGA)
  - Benzene exceeded OSHA TWA PEL at two locations on the debris pile in the plume at ground level.
  - Benzene was not detected at three locations (Pier 25, Spruce/Park Row, and Murray/W. Broadway) away from the WTC area in the breathing zone.
  - Benzene was not detected at Austin Tobin Plaza in the breathing zone.
- NYC / ER (Oct 14) - Volatile organics (TAGA)
  - Benzene exceeded OSHA TWA PEL at two locations on the debris pile in the plume at ground level.
  - Benzene was not detected at three locations (Pier 25, Spruce/Park Row, and Murray/W. Broadway) away from the WTC area in the breathing zone.
  - Benzene was not detected at Austin Tobin Plaza in the breathing zone.



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