

U.S. Environmental Protection Agency (www.epa.gov)
Sampling Situation Report
Tuesday, January 22, 2002

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Jan 16, 1200 - 2359 hrs)
 - Results pending.
- NYC / ER (Jan 17, 0001 - 1200 hrs)
 - Results pending.
- NYC / ER (Jan 17, 1200 - 2359 hrs)
 - All 22 samples analyzed were below the TEM AHERA standard.
- NYC / ER (Jan 18, 0001 - 1200 hrs)
 - All 22 samples analyzed were below the TEM AHERA standard.

Landfill Ambient Air Sampling Locations

- Fresh Kills (Jan 19, 0743 - 2200)
 - All 14 samples analyzed were below the TEM AHERA standard.
 - 4 samples (Locations W-11, W-12A, W-12B, and T-16) were not analyzed due to overloading of particulates.
 - 1 sample (Location O-17) was not collected due to an equipment malfunction.

Ambient Air Sampling Locations

- NYC / ER (Jan 17) - Asbestos Monitoring (Particulate Monitoring Stations)
 - Monitoring sites include:
 - Park Row (Site 1)
 - Chambers St./West St. (Site 2)
 - Public School 154: 333 East 135th St, Bronx (Site 5)
 - Intermediate School 143: 511 West 182nd St., Manhattan (Site 6)
 - Public School 274: 800 Bushwick Ave., Brooklyn (Site 7)
 - Public School 44: 80 Maple Parkway, Staten Island (Site 8)
 - Public School 199: 3290 - 48th Ave., Queens (Site 9)
 - During this period a total of 7 samples were collected from these monitoring sites.

- All of the samples were below the TEM AHERA standard.
- NYC / ER (Jan 19) - Particulate Monitoring (TEOM PM_{2.5})
 - Park Row (Site 1) - 24-hr average concentration for this period was **10.26 ug/m³**.
 - Chambers St./West St. (Site 2) - 24-hour average concentration for this period was **12.86 ug/m³**.
 - Wall Street - 24-hour average concentrations for this period was **10.33 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM_{2.5} (65 ug/m³).
- NYC / ER (Jan 19) - Particulate Monitoring (TEOM PM₁₀)
 - Wall Street - 24-hour average concentrations for this period was **18.89 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM₁₀ (150 ug/m³).
- NYC / ER (Jan 20) - Particulate Monitoring (TEOM PM_{2.5})
 - Park Row (Site 1) - 24-hr average concentration for this period was **14.07 ug/m³**.
 - Chambers St./West St. (Site 2) - 24-hour average concentration for this period was **14.27 ug/m³**.
 - Wall Street - 24-hour average concentrations for this period was **13.42 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM_{2.5} (65 ug/m³).
- NYC / ER (Jan 20) - Particulate Monitoring (TEOM PM₁₀)
 - Wall Street - 24-hour average concentrations for this period was **19.54 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM₁₀ (150 ug/m³).
- NYC / ER (Jan 21) - Particulate Monitoring (Dataram)
 - Particulate levels noted at two locations (Stations L and N) were below the OSHA TWA.
 - Instruments operated just under 2 hours due to the weather conditions.
 - Measurements were not conducted at Station R.
 - Station L values ranged from 19.9 to 86.1 ug/m³ with an average of 51.7 ug/m³.
 - Station N values ranged from 26.8 to 180.9 ug/m³ with an average of 53.6 ug/m³.
- NYC / ER (Jan 21) - Volatile Organics (Mobile Laboratory)
 - Benzene was not detected above the detection limit (20 ppbv) in any of the four samples collected (Washing Tent, Austin Tobin Plaza, North Tower, and South Tower), including in the debris area at ground level.