

U.S. Environmental Protection Agency (www.epa.gov)
Sampling Situation Report
Friday, January 4, 2002

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Dec 26, 1200 - 2359 hrs)
 - All 22 samples analyzed were below the TEM AHERA standard.
 - Location P was not sampled.
- NYC / ER (Dec 27, 0001 - 1200 hrs)
 - 1 of 21 samples analyzed was above the TEM AHERA standard.
 - Exceedance of TEM AHERA standard occurred at Location D (204.44 S/mm²).
 - 22 of the 23 structures identified in this sample were less than 5 microns in length.
 - Note: A field duplicate (co-located) sample for Location D did not detect any structures (< 8.89 S/mm²).
 - Location P was not sampled.
- NYC / ER (Dec 27, 1200 - 2359 hrs)
 - All 22 samples analyzed were below the TEM AHERA standard.
- NYC / ER (Dec 28, 0001 - 1200 hrs)
 - All 22 samples analyzed were below the TEM AHERA standard.
- NYC / ER (Dec 28, 1200 - 2359 hrs)
 - All 20 samples analyzed were below the TEM AHERA standard.
 - 2 locations (Locations T and T-duplicate) were not sampled since access to those locations was not available.
- NYC / ER (Dec 29, 0001 - 1200 hrs)
 - All 20 samples analyzed were below the TEM AHERA standard.
 - 1 sample (Location T) was not submitted at this time since access to that location was not available.
 - 1 sample (Location V) was not collected due to equipment malfunction.

Landfill Ambient Air Sampling Locations

- Fresh Kills (Dec 29, 0815 - 2136 hrs)
 - All 18 samples analyzed were below the TEM AHERA standard.
 - 1 location (Location O-18) was not sampled since access to that location was not available.

- Fresh Kills (Dec 30, 0746 - 2132 hrs)
 - All 15 samples analyzed were below the TEM AHERA standard.
 - 4 samples (Locations P-1, W-12A, W-12B, and B-14) were not analyzed due to overloading of particulates.
 - Note: Low sample volume recorded.

- Fresh Kills (Jan 2) - Particulate Monitoring (Dataram)
 - Nothing of significance reported at three stations (P-3, P-6, and P-8) based on daily average concentrations.

Ambient Air Sampling Locations

- NYC / ER (January 3) - Particulate Monitoring (Dataram)
 - Particulate levels noted at three locations (Stations L, N, R) were below the OSHA TWA.
 - Instruments operated approximately 6 to 7 hours.
 - Station L values ranged from 0.0 to 172.5 ug/m³ with an average of 19.5 ug/m³.
 - Station N values ranged from 7.8 to 100.0 ug/m³ with an average of 15.6 ug/m³.
 - Station R values ranged from 7.6 to 132.5 ug/m³ with an average of 18.4 ug/m³.

- NYC / ER (Jan 3) - Volatile Organics (Mobile Laboratory)
 - Benzene did not exceed OSHA TWA PEL (1 ppm) at any of the four locations monitored, including in the debris area at ground level.
 - Benzene was not detected above the detection limit (20 ppbv) in 2 of the 4 locations monitored (Washing Tent, Austin Tobin Plaza), including in the debris area at ground level.

Direct Reading Instruments

- NYC / ER (Jan 3)