

File: WTC Sampling
Results (8,001)

U.S. Environmental Protection Agency (www.epa.gov)
Sampling Situation Report
Tuesday, January 8, 2002

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Jan 1, 1200 - 2359 hrs)
 - Results pending.
- NYC / ER (Jan 2, 0001 - 1200 hrs)
 - Results pending.
- NYC / ER (Jan 2, 1200 - 2359 hrs)
 - Results pending.
- NYC / ER (Jan 3, 0001 - 1200 hrs)
 - Result spending.
- NYC / ER (Jan 3, 1200 - 2359 hrs)
 - All 20 samples analyzed were below the TEM AHERA standard.
 - 2 samples (Locations J and K-duplicate) were not collected due to equipment malfunctions.
- NYC / ER (Jan 4, 0001 - 1200 hrs)
 - All 21 samples analyzed were below the TEM AHERA standard.
 - 1 sample (Location W) was not collected due to an equipment malfunction.
 - Note: Low sample volume recorded.

Landfill Ambient Air Sampling Locations

- Fresh Kills (Jan 3, 0755 - 2230 hrs)
 - All 19 samples analyzed were below the TEM AHERA standard.
- Fresh Kills (Jan 4, 0745 - 2157 hrs)
 - All 19 samples analyzed were below the TEM AHERA standard.

- Note: The results for Location W-11 indicate a total of 4 structures. There were 2 structures identified for each size classification. One of the structures was chrysotile, the other was amosite.
- Fresh Kills (Jan 6) - Particulate Monitoring (Dataram)
 - Nothing of significance reported at three stations (P-2, P-6, and P-8) based on daily average concentrations.

Ambient Air Sampling Locations

- NYC / ER (Jan 7) - Particulate Monitoring (Dataram)
 - Particulate monitoring at three locations (Stations L, N, R) was not conducted due to weather conditions.
- NYC / ER (Jan 7) - Volatile Organics (Mobile Laboratory)
 - Benzene exceeded OSHA TWA PEL (1 ppm) at one location (North Tower) in the debris area at ground level.
 - All 3 of the other samples (Washing Tent, Austin Tobin Plaza, and South Tower) did not note any benzene above the detection limit (20 ppbv).
 - 1,3-Butadiene exceeded OSHA PEL (1 ppm) at one location (North Tower) on the debris pile in the plume at ground level.
 - All 3 of the other samples did not note any 1,3-Butadiene above the detection limit (20 ppbv).

Direct Reading Instruments

- NYC / ER (Jan 7)
 - Nothing of significance reported in the limited monitoring conducted.
 - Monitoring impacted by weather conditions.