

File: WTC Sampling Results
(EPA)

U.S. Environmental Protection Agency (www.epa.gov)
Sampling Situation Report
Monday, November 19, 2001

Fixed Ambient Air Sampling Locations (Asbestos)

- NYC / ER (Nov 14, 1200 - 2359 hrs)
 - All 20 samples analyzed were below the TEM AHER A standard.
- NYC / ER (Nov 15, 0001 - 1200 hrs)
 - All 19 samples analyzed were below the TEM AHER A standard.
 - 1 sample (Location S) was not submitted for analysis.

Landfill Ambient Air Sampling Locations

- Fresh Kills (Nov 14, 0651 - 1932) - Asbestos
 - All 18 samples analyzed were below the TEM AHER A standard.
 - 1 sample ("Wash" Location #11) was not analyzed due to overloading of particulates.
- Fresh Kills (Nov 15, 0648 - 1935) - Asbestos
 - All 19 samples analyzed were below the TEM AHER A standard.
- Fresh Kills (Nov 15, 1907 - Nov 16, 0800) - Asbestos
 - All 19 samples analyzed were below the TEM AHER A standard.
- Fresh Kills (Nov 15) - Particulate Monitoring (Dataram)
 - Increased daily average readings as compared to previous day.
- Fresh Kills (Nov 16) - Particulate Monitoring (Dataram)
 - Increased daily average readings as compared to previous day at Perimeter Location #8.
- Fresh Kills (Nov 17) - Particulate Monitoring (Dataram)
 - Significantly reduced daily average readings as compared to previous day.
- Fresh Kills (Nov 18) - Particulate Monitoring (Dataram)
 - Nothing of significance reported based on daily average concentrations.

Ambient Air Sampling Locations

- NYC / ER (Nov 14) - Particulate Monitoring (PM_{2.5})
 - Pace University (Site 1) - 24-hr average concentration for this period was **24.85 ug/m³**.
 - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was **19.58 ug/m³**.
 - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was **17.01 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM_{2.5} (65 ug/m³).
- NYC / ER (Nov 15) - Particulate Monitoring (PM_{2.5})
 - Pace University (Site 1) - 24-hr average concentration for this period was **35.00 ug/m³**.
 - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was **29.00 ug/m³**.
 - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was **31.67 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM_{2.5} (65 ug/m³).
- NYC / ER (Nov 16) - Particulate Monitoring (PM_{2.5})
 - Pace University (Site 1) - 24-hr average concentration for this period was **30.13 ug/m³**.
 - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was **20.50 ug/m³**.
 - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was **27.86 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM_{2.5} (65 ug/m³).
 - Note: Readings for Site 2 only covered the period after 1:00 PM.
- NYC / ER (Nov 17) - Particulate Monitoring (PM_{2.5})
 - Pace University (Site 1) - 24-hr average concentration for this period was **6.38 ug/m³**.
 - Manhattan Boro Community College (Site 2) - 24-hour average concentration for this period was **8.66 ug/m³**.
 - Coast Guard Building - Battery Park (Site 3) - 24-hour average concentrations for this period was **7.58 ug/m³**.
 - All readings below the National Ambient Air Quality Standard for PM_{2.5} (65 ug/m³).