

USEPA Air Analytical Results of Sampling Events from Fixed Stations on 9/14-15/01

Lower Manhattan Fixed ambient air sampling stations were established at seven locations in the vicinity of Ground Zero. Samples were collected for the presence of asbestos over two consecutive 12 hour periods. Asbestos was detected above background level (70 structures/square meter) at the corner of Barclay and West Broadway for both rounds of sampling.

Methodology Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) EPA 40 CFR Part 763 (AHERA).

Precautions EPA continues to advise personal protective equipment for the emergency response and cleanup workers, decontamination of workers, dust suppression, and tarping over removal debris while in transport.

Site Name	Site Long Name	Date	Hour	Avg
709598	PS 274	15-Sep-01	0	14.20439
709598	PS 274	15-Sep-01	1	1.005529
709598	PS 274	15-Sep-01	2	4.854845
709598	PS 274	15-Sep-01	3	3.766446
709598	PS 274	15-Sep-01	4	-0.3830649
709598	PS 274	15-Sep-01	5	1.855917
709598	PS 274	15-Sep-01	6	5.222005
709598	PS 274	15-Sep-01	7	9.079858
709598	PS 274	15-Sep-01	8	9.78376
709598	PS 274	15-Sep-01	9	5.642543
709598	PS 274	15-Sep-01	10	6.663809
709598	PS 274	15-Sep-01	11	4.883889
709598	PS 274	15-Sep-01	12	5.483614
709598	PS 274	15-Sep-01	13	5.333563
709598	PS 274	15-Sep-01	14	5.897543
709598	PS 274	15-Sep-01	15	5.653218
709598	PS 274	15-Sep-01	16	6.058627
709598	PS 274	15-Sep-01	17	5.393157
709598	PS 274	15-Sep-01	18	7.321135
709598	PS 274	15-Sep-01	19	17.57284
709598	PS 274	15-Sep-01	20	13.44265
709598	PS 274	15-Sep-01	21	12.65877
709598	PS 274	15-Sep-01	22	23.51226
709598	PS 274	15-Sep-01	23	20.13624
709316	PS 64	15-Sep-01	0	2.219028
709316	PS 64	15-Sep-01	1	0.01679338
709316	PS 64	15-Sep-01	2	2.075238
709316	PS 64	15-Sep-01	3	7.517838
709316	PS 64	15-Sep-01	4	3.743477
709316	PS 64	15-Sep-01	5	2.785805
709316	PS 64	15-Sep-01	6	4.423169
709316	PS 64	15-Sep-01	7	6.747418
709316	PS 64	15-Sep-01	8	5.029596
709316	PS 64	15-Sep-01	9	4.204823
709316	PS 64	15-Sep-01	10	1.914412
709316	PS 64	15-Sep-01	11	2.30504
709316	PS 64	15-Sep-01	12	4.01582
709316	PS 64	15-Sep-01	13	3.003426
709316	PS 64	15-Sep-01	14	3.937475
709316	PS 64	15-Sep-01	15	5.255006
709316	PS 64	15-Sep-01	16	4.479313
709316	PS 64	15-Sep-01	17	7.149811
709316	PS 64	15-Sep-01	18	7.38151
709316	PS 64	15-Sep-01	19	5.579246
709316	PS 64	15-Sep-01	20	15.62731
709316	PS 64	15-Sep-01	21	18.06877
709316	PS 64	15-Sep-01	22	13.34123
709316	PS 64	15-Sep-01	23	16.47961

709717	Fresh Kills Met	15-Sep-01	6	5.43002
709717	Fresh Kills Met	15-Sep-01	7	9.616549
709717	Fresh Kills Met	15-Sep-01	8	6.722105
709717	Fresh Kills Met	15-Sep-01	0	8.639205
709717	Fresh Kills Met	15-Sep-01	1	8.009777
709717	Fresh Kills Met	15-Sep-01	2	6.68238
709717	Fresh Kills Met	15-Sep-01	3	5.913106
709717	Fresh Kills Met	15-Sep-01	4	3.858359
709717	Fresh Kills Met	15-Sep-01	5	4.335135
709717	Fresh Kills Met	15-Sep-01	9	6.915555
709717	Fresh Kills Met	15-Sep-01	10	5.140447
709717	Fresh Kills Met	15-Sep-01	11	4.434803
709717	Fresh Kills Met	15-Sep-01	12	3.548118
709717	Fresh Kills Met	15-Sep-01	13	4.398536
709717	Fresh Kills Met	15-Sep-01	14	5.622372
709717	Fresh Kills Met	15-Sep-01	15	6.126173
709717	Fresh Kills Met	15-Sep-01	16	5.702411
709717	Fresh Kills Met	15-Sep-01	17	6.995672
709717	Fresh Kills Met	15-Sep-01	18	8.010886
709717	Fresh Kills Met	15-Sep-01	19	8.490225
709717	Fresh Kills Met	15-Sep-01	20	13.76862
709717	Fresh Kills Met	15-Sep-01	21	13.99769
709717	Fresh Kills Met	15-Sep-01	22	8.816527
709717	Fresh Kills Met	15-Sep-01	23	9.152862
709718	PS 44	15-Sep-01	0	9.981074
709718	PS 44	15-Sep-01	1	11.58755
709718	PS 44	15-Sep-01	2	8.275452
709718	PS 44	15-Sep-01	3	6.60477
709718	PS 44	15-Sep-01	4	5.955873
709718	PS 44	15-Sep-01	5	6.582837
709718	PS 44	15-Sep-01	6	6.240983
709718	PS 44	15-Sep-01	7	8.359873
709718	PS 44	15-Sep-01	8	28.97383
709718	PS 44	15-Sep-01	9	6.463985
709718	PS 44	15-Sep-01	10	3.884741
709718	PS 44	15-Sep-01	11	2.662492
709718	PS 44	15-Sep-01	12	2.09035
709718	PS 44	15-Sep-01	13	3.813362
709718	PS 44	15-Sep-01	14	4.525282
709718	PS 44	15-Sep-01	15	4.25114
709718	PS 44	15-Sep-01	16	5.820577
709718	PS 44	15-Sep-01	17	5.630169
709718	PS 44	15-Sep-01	18	9.286725
709718	PS 44	15-Sep-01	19	10.36884
709718	PS 44	15-Sep-01	20	11.60523
709718	PS 44	15-Sep-01	21	13.301
709718	PS 44	15-Sep-01	22	12.22927
709718	PS 44	15-Sep-01	23	12.51488
709408	PS 74	15-Sep-01	0	3.55443

709408	PS 74	15-Sep-01	1	2.536498
709408	PS 74	15-Sep-01	2	2.67587
709408	PS 74	15-Sep-01	3	4.579414
709408	PS 74	15-Sep-01	4	2.497996
709408	PS 74	15-Sep-01	5	2.687033
709408	PS 74	15-Sep-01	6	3.991098
709408	PS 74	15-Sep-01	7	7.101723
709408	PS 74	15-Sep-01	8	7.375541
709408	PS 74	15-Sep-01	9	3.924678
709408	PS 74	15-Sep-01	10	4.071541
709408	PS 74	15-Sep-01	11	3.709325
709408	PS 74	15-Sep-01	12	2.372038
709408	PS 74	15-Sep-01	13	2.675817
709408	PS 74	15-Sep-01	14	5.054553
709408	PS 74	15-Sep-01	15	3.835403
709408	PS 74	15-Sep-01	16	3.888938
709408	PS 74	15-Sep-01	17	5.201408
709408	PS 74	15-Sep-01	18	4.858797
709408	PS 74	15-Sep-01	19	5.808105
709408	PS 74	15-Sep-01	20	8.896721
709408	PS 74	15-Sep-01	21	10.03921
709408	PS 74	15-Sep-01	22	10.31141
709408	PS 74	15-Sep-01	23	14.10065
709409	PS 154	15-Sep-01	0	2.426641
709409	PS 154	15-Sep-01	1	3.143589
709409	PS 154	15-Sep-01	2	3.638281
709409	PS 154	15-Sep-01	3	5.804196
709409	PS 154	15-Sep-01	4	4.020364
709409	PS 154	15-Sep-01	5	3.425165
709409	PS 154	15-Sep-01	6	4.701595
709409	PS 154	15-Sep-01	7	6.008681
709409	PS 154	15-Sep-01	8	5.24474
709409	PS 154	15-Sep-01	9	4.459158
709409	PS 154	15-Sep-01	10	4.949048
709409	PS 154	15-Sep-01	11	3.962438
709409	PS 154	15-Sep-01	12	2.895664
709409	PS 154	15-Sep-01	13	3.59286
709409	PS 154	15-Sep-01	14	4.944904
709409	PS 154	15-Sep-01	15	4.293845
709409	PS 154	15-Sep-01	16	4.718029
709409	PS 154	15-Sep-01	17	6.441664
709409	PS 154	15-Sep-01	18	7.267807
709409	PS 154	15-Sep-01	19	7.854507
709409	PS 154	15-Sep-01	20	9.700236
709409	PS 154	15-Sep-01	21	13.06739
709409	PS 154	15-Sep-01	22	12.76015
709409	PS 154	15-Sep-01	23	13.95594
709613	Maspeth Library	15-Sep-01	0	7.645736
709613	Maspeth Library	15-Sep-01	1	2.561684

709613	Maspeth Library	15-Sep-01	2	3.549039
709613	Maspeth Library	15-Sep-01	3	4.827281
709613	Maspeth Library	15-Sep-01	4	3.508567
709613	Maspeth Library	15-Sep-01	5	3.893299
709613	Maspeth Library	15-Sep-01	6	5.064611
709613	Maspeth Library	15-Sep-01	7	6.519428
709613	Maspeth Library	15-Sep-01	8	5.984178
709613	Maspeth Library	15-Sep-01	9	5.804327
709613	Maspeth Library	15-Sep-01	10	5.25033
709613	Maspeth Library	15-Sep-01	11	5.267018
709613	Maspeth Library	15-Sep-01	12	4.367049
709613	Maspeth Library	15-Sep-01	13	4.367275
709613	Maspeth Library	15-Sep-01	14	7.004076
709613	Maspeth Library	15-Sep-01	15	6.789925
709613	Maspeth Library	15-Sep-01	16	7.384763
709613	Maspeth Library	15-Sep-01	17	10.82186
709613	Maspeth Library	15-Sep-01	18	8.166954
709613	Maspeth Library	15-Sep-01	19	8.330332
709613	Maspeth Library	15-Sep-01	20	11.33111
709613	Maspeth Library	15-Sep-01	21	9.923398
709613	Maspeth Library	15-Sep-01	22	11.66973
709613	Maspeth Library	15-Sep-01	23	15.2774
709317	Manhattenville P.O.	15-Sep-01	0	2.62227
709317	Manhattenville P.O.	15-Sep-01	1	2.799713
709317	Manhattenville P.O.	15-Sep-01	2	5.341617
709317	Manhattenville P.O.	15-Sep-01	3	4.635379
709317	Manhattenville P.O.	15-Sep-01	4	4.244363
709317	Manhattenville P.O.	15-Sep-01	5	4.662336
709317	Manhattenville P.O.	15-Sep-01	6	4.986439
709317	Manhattenville P.O.	15-Sep-01	7	4.662145
709317	Manhattenville P.O.	15-Sep-01	8	9.46277
709317	Manhattenville P.O.	15-Sep-01	9	4.614192
709317	Manhattenville P.O.	15-Sep-01	10	4.494306
709317	Manhattenville P.O.	15-Sep-01	11	5.058069
709317	Manhattenville P.O.	15-Sep-01	12	5.352486
709317	Manhattenville P.O.	15-Sep-01	13	9.244457
709317	Manhattenville P.O.	15-Sep-01	14	4.771111
709317	Manhattenville P.O.	15-Sep-01	15	4.829814
709317	Manhattenville P.O.	15-Sep-01	16	5.721291
709317	Manhattenville P.O.	15-Sep-01	17	7.123884
709317	Manhattenville P.O.	15-Sep-01	18	7.715736
709317	Manhattenville P.O.	15-Sep-01	19	7.264259
709317	Manhattenville P.O.	15-Sep-01	20	10.10432
709317	Manhattenville P.O.	15-Sep-01	21	11.20862
709317	Manhattenville P.O.	15-Sep-01	22	26.8483
709317	Manhattenville P.O.	15-Sep-01	23	19.51267
709612	PS 199	15-Sep-01	0	2.771643
709612	PS 199	15-Sep-01	1	1.173368
709612	PS 199	15-Sep-01	2	2.727115

709612	PS 199	15-Sep-01	3	6.835886
709612	PS 199	15-Sep-01	4	3.735417
709612	PS 199	15-Sep-01	5	3.415379
709612	PS 199	15-Sep-01	6	5.629056
709612	PS 199	15-Sep-01	7	6.466559
709612	PS 199	15-Sep-01	8	7.198297
709612	PS 199	15-Sep-01	9	5.23538
709612	PS 199	15-Sep-01	10	5.668658
709612	PS 199	15-Sep-01	11	5.421955
709612	PS 199	15-Sep-01	12	7.475024
709612	PS 199	15-Sep-01	13	5.065738
709612	PS 199	15-Sep-01	14	5.410542
709612	PS 199	15-Sep-01	15	5.564331
709612	PS 199	15-Sep-01	16	4.359974
709612	PS 199	15-Sep-01	17	6.019225
709612	PS 199	15-Sep-01	18	5.911394
709612	PS 199	15-Sep-01	19	8.042092
709612	PS 199	15-Sep-01	20	14.61488
709612	PS 199	15-Sep-01	21	11.91326
709612	PS 199	15-Sep-01	22	11.61442
709612	PS 199	15-Sep-01	23	12.44352
709315	IS 143	15-Sep-01	0	3.663113
709315	IS 143	15-Sep-01	1	4.025459
709315	IS 143	15-Sep-01	2	5.253968
709315	IS 143	15-Sep-01	3	4.748064
709315	IS 143	15-Sep-01	4	4.40796
709315	IS 143	15-Sep-01	5	4.981302
709315	IS 143	15-Sep-01	6	5.706395
709315	IS 143	15-Sep-01	7	7.217541
709315	IS 143	15-Sep-01	8	7.280591
709315	IS 143	15-Sep-01	9	5.94701
709315	IS 143	15-Sep-01	10	6.568521
709315	IS 143	15-Sep-01	11	6.522627
709315	IS 143	15-Sep-01	12	4.966063
709315	IS 143	15-Sep-01	13	5.700741
709315	IS 143	15-Sep-01	14	6.432021
709315	IS 143	15-Sep-01	15	6.559371
709315	IS 143	15-Sep-01	16	6.562441
709315	IS 143	15-Sep-01	17	6.510408
709315	IS 143	15-Sep-01	18	8.157204
709315	IS 143	15-Sep-01	19	6.359434
709315	IS 143	15-Sep-01	20	9.442236
709315	IS 143	15-Sep-01	21	10.74423
709315	IS 143	15-Sep-01	22	14.19991
709315	IS 143	15-Sep-01	23	9.782153
709614	Kew Gardens	15-Sep-01	0	7.750161
709614	Kew Gardens	15-Sep-01	1	4.864688
709614	Kew Gardens	15-Sep-01	2	3.077059
709614	Kew Gardens	15-Sep-01	3	3.976835

709614	Kew Gardens	15-Sep-01	4	3.630128
709614	Kew Gardens	15-Sep-01	5	4.016317
709614	Kew Gardens	15-Sep-01	6	4.279634
709614	Kew Gardens	15-Sep-01	7	5.667937
709614	Kew Gardens	15-Sep-01	8	5.238874
709614	Kew Gardens	15-Sep-01	9	4.599716
709614	Kew Gardens	15-Sep-01	10	4.298326
709614	Kew Gardens	15-Sep-01	11	3.540015
709614	Kew Gardens	15-Sep-01	12	3.152458
709614	Kew Gardens	15-Sep-01	13	3.739601
709614	Kew Gardens	15-Sep-01	14	4.139703
709614	Kew Gardens	15-Sep-01	15	4.355114
709614	Kew Gardens	15-Sep-01	16	4.816277
709614	Kew Gardens	15-Sep-01	17	5.533804
709614	Kew Gardens	15-Sep-01	18	5.583607
709614	Kew Gardens	15-Sep-01	19	6.420044
709614	Kew Gardens	15-Sep-01	20	8.909049
709614	Kew Gardens	15-Sep-01	21	10.01426
709614	Kew Gardens	15-Sep-01	22	10.2343
709614	Kew Gardens	15-Sep-01	23	10.56088