



# MOBILE MONITORING REPORT

Date: 8/20/2007

Location: 130 Liberty Deconstruction  
Perimeter  
0800

## Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) mobile monitoring was conducted at the Lower Manhattan construction site listed in the tables below.

Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP monitoring history for every significant construction site in Lower Manhattan.

**Table 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	WTC Gate #7 (Liberty & Washington)	0.022	20-Aug-07	10:31
2	10ft East of Gate 7 (S side of Liberty)	0.016	20-Aug-07	10:34
3	20ft East of Gate 7 (S side of Liberty)	0.036	20-Aug-07	10:34
4	30ft East of Gate 7 (S side of Liberty)	0.051	20-Aug-07	10:35
5	40ft East of Gate 7 (S side of Liberty)	0.031	20-Aug-07	10:35
6	50ft East of Gate 7 (S side of Liberty)	0.032	20-Aug-07	10:35
7	60ft East of Gate 7 (S side of Liberty)	0.043	20-Aug-07	10:36
8	70ft East of Gate 7 (S side of Liberty)	0.024	20-Aug-07	10:36
9	80ft East of Gate 7 (S side of Liberty)	0.029	20-Aug-07	10:37
10	90ft East of Gate 7 (S side of Liberty)	0.037	20-Aug-07	10:37
11	100ft East of Gate 7 (S side of Liberty)	0.031	20-Aug-07	10:38
12	Liberty & Greenwich (SW Corner)	0.077	20-Aug-07	10:39
13	10ft South of Liberty & Greenwich (W side of Greenwich)	0.083	20-Aug-07	10:45
14	20ft South of Liberty & Greenwich (W side of Greenwich)	0.030	20-Aug-07	10:45
15	30ft South of Liberty & Greenwich (W side of Greenwich)	0.036	20-Aug-07	10:46
16	40ft South of Liberty & Greenwich (W side of Greenwich)	0.032	20-Aug-07	10:47
17	50ft South of Liberty & Greenwich (W side of Greenwich)	0.051	20-Aug-07	10:48
18	60ft South of Liberty & Greenwich (W side of Greenwich)	0.066	20-Aug-07	10:49
19	70ft South of Liberty & Greenwich (W side of Greenwich)	0.012	20-Aug-07	10:50
20	80ft South of Liberty & Greenwich (W side of Greenwich)	0.024	20-Aug-07	10:51
21	90ft South of Liberty & Greenwich (W side of Greenwich)	0.026	20-Aug-07	10:51

22	100ft South of Liberty & Greenwich (W side of Greenwich)	0.016	20-Aug-07	10:52
23	110ft South of Liberty & Greenwich (W side of Greenwich)	0.020	20-Aug-07	10:52
24	120ft South of Liberty & Greenwich (W side of Greenwich)	0.023	20-Aug-07	10:53
25	130ft South of Liberty & Greenwich (W side of Greenwich)	0.025	20-Aug-07	10:54
26	140ft South of Liberty & Greenwich (W side of Greenwich)	0.030	20-Aug-07	10:55
27	150ft South of Liberty & Greenwich (W side of Greenwich)	0.021	20-Aug-07	10:55
28	160ft South of Liberty & Greenwich (W side of Greenwich)	0.021	20-Aug-07	10:56
29	Albany & Greenwich (NW Corner)	0.030	20-Aug-07	10:57
30	10ft West of Greenwich (North side of Albany)	0.084	20-Aug-07	10:58
31	20ft West of Greenwich (North side of Albany)	0.104	20-Aug-07	11:00
32	30ft West of Greenwich (North side of Albany)	0.054	20-Aug-07	11:01
33	40ft West of Greenwich (North side of Albany)	0.031	20-Aug-07	11:01
34	50ft West of Greenwich (North side of Albany)	0.029	20-Aug-07	11:02
35	60ft West of Greenwich (North side of Albany)	0.025	20-Aug-07	11:02
36	70ft West of Greenwich (North side of Albany)	0.049	20-Aug-07	11:03
37	80ft West of Greenwich (North side of Albany)	0.029	20-Aug-07	11:04
38	90ft West of Greenwich (North side of Albany)	0.037	20-Aug-07	11:05
39	100ft West of Greenwich (North side of Albany)	0.024	20-Aug-07	11:05
40	110ft West of Greenwich (North side of Albany)	0.036	20-Aug-07	11:06
41	120ft West of Greenwich (North side of Albany)	0.048	20-Aug-07	11:07
42	Albany & Washington (NE Corner)	0.034	20-Aug-07	11:07
43	Albany & Washington (NW Corner)	0.030	20-Aug-07	11:08
44	10ft West of Albany & Washington (N side of Albany)	0.036	20-Aug-07	11:08
45	20ft West of Albany & Washington (N side of Albany)	0.019	20-Aug-07	11:10
46	30ft West of Albany & Washington (N side of Albany)	0.018	20-Aug-07	11:10
47	40ft West of Albany & Washington (N side of Albany)	0.015	20-Aug-07	11:11
48	50ft West of Albany & Washington (N side of Albany)	0.015	20-Aug-07	11:12
49	60ft West of Albany & Washington (N side of Albany)	0.014	20-Aug-07	11:12
50	70ft West of Albany & Washington (N side of Albany)	0.019	20-Aug-07	11:13
51	80ft West of Albany & Washington (N side of Albany)	0.014	20-Aug-07	11:13
52	Albany & West St. (NE corner)	0.021	20-Aug-07	11:14

53	Albany & West St. (SE corner)	0.028	20-Aug-07	11:15
54	10ft East of Albany & West Street (S side of Albany)	0.023	20-Aug-07	11:16
55	20ft East of Albany & West Street (S side of Albany)	0.034	20-Aug-07	11:16
56	30ft East of Albany & West Street (S side of Albany)	0.027	20-Aug-07	11:17
57	40ft East of Albany & West Street (S side of Albany)	0.047	20-Aug-07	11:17
58	50ft East of Albany & West Street (S side of Albany)	0.079	20-Aug-07	11:18
59	60ft East of Albany & West Street (S side of Albany)	0.026	20-Aug-07	11:19
60	70ft East of Albany & West Street (S side of Albany)	0.025	20-Aug-07	11:19
61	80ft East of Albany & West Street (S side of Albany)	0.023	20-Aug-07	11:19
62	Albany & Washington (SW Corner)	0.049	20-Aug-07	11:20
63	Albany & Washington (SE Corner)	0.041	20-Aug-07	11:20
64	10ft East of Albany & Washington (S side of Albany)	0.035	20-Aug-07	11:20
65	20ft East of Albany & Washington (S side of Albany)	0.041	20-Aug-07	11:21
66	30ft East of Albany & Washington (S side of Albany)	0.037	20-Aug-07	11:21
67	40ft East of Albany & Washington (S side of Albany)	0.025	20-Aug-07	11:21
68	50ft East of Albany & Washington (S side of Albany)	0.023	20-Aug-07	11:22
69	60ft East of Albany & Washington (S side of Albany)	0.021	20-Aug-07	11:22
70	70ft East of Albany & Washington (S side of Albany)	0.025	20-Aug-07	11:22
71	80ft East of Albany & Washington (S side of Albany)	0.036	20-Aug-07	11:23
72	90ft East of Albany & Washington (S side of Albany)	0.034	20-Aug-07	11:23
73	100ft East of Albany & Washington (S side of Albany)	0.035	20-Aug-07	11:23
74	110ft East of Albany & Washington (S side of Albany)	0.032	20-Aug-07	11:24
75	120ft East of Albany & Washington (S side of Albany)	0.048	20-Aug-07	11:24
76	Greenwich & Albany (NE Corner)	0.046	20-Aug-07	11:25
77	10ft North of Greenwich & Albany (E side of Greenwich)	0.032	20-Aug-07	11:25
78	20ft North of Greenwich & Albany (E side of Greenwich)	0.028	20-Aug-07	11:25
79	30ft North of Greenwich & Albany (E side of Greenwich)	0.026	20-Aug-07	11:26
80	40ft North of Greenwich & Albany (E side of Greenwich)	0.024	20-Aug-07	11:26
81	50ft North of Greenwich & Albany (E side of Greenwich)	0.022	20-Aug-07	11:26
82	60ft North of Greenwich & Albany (E side of Greenwich)	0.025	20-Aug-07	11:27

83	70ft North of Greenwich & Albany (E side of Greenwich)	0.062	20-Aug-07	11:27
84	80ft North of Greenwich & Albany (E side of Greenwich)	0.040	20-Aug-07	11:27
85	90ft North of Greenwich & Albany (E side of Greenwich)	0.033	20-Aug-07	11:28
86	100ft North of Greenwich & Albany (E side of Greenwich)	0.048	20-Aug-07	11:28
87	110ft North of Greenwich & Albany (E side of Greenwich)	0.046	20-Aug-07	11:28
88	120ft North of Greenwich & Albany (E side of Greenwich)	0.053	20-Aug-07	11:29
89	130ft North of Greenwich & Albany (E side of Greenwich)	0.063	20-Aug-07	11:29
90	140ft North of Greenwich & Albany (E side of Greenwich)	0.048	20-Aug-07	11:29
91	150ft North of Greenwich & Albany (E side of Greenwich)	0.060	20-Aug-07	11:35
92	160ft North of Greenwich & Albany (E side of Greenwich)	0.070	20-Aug-07	11:35
93	Liberty & Greenwich (SE Corner)	0.075	20-Aug-07	11:36
94	10ft West of Liberty & Greenwich (North side of Liberty)	0.103	20-Aug-07	11:36
95	20ft West of Liberty & Greenwich (North side of Liberty)	0.079	20-Aug-07	11:37
96	30ft West of Liberty & Greenwich (North side of Liberty)	0.046	20-Aug-07	11:37
97	40ft West of Liberty & Greenwich (North side of Liberty)	0.045	20-Aug-07	11:37
98	50ft West of Liberty & Greenwich (North side of Liberty)	0.036	20-Aug-07	11:37
99	60ft West of Liberty & Greenwich (North side of Liberty)	0.033	20-Aug-07	11:38
100	70ft West of Liberty & Greenwich (North side of Liberty)	0.026	20-Aug-07	11:38
101	80ft West of Liberty & Greenwich (North side of Liberty)	0.021	20-Aug-07	11:38
102	90ft West of Liberty & Greenwich (North side of Liberty)	0.029	20-Aug-07	11:39
103	100ft West of Liberty & Greenwich (North side of Liberty)	0.031	20-Aug-07	11:40
104	WTC Gate #7 (Liberty & Washington)	0.036	20-Aug-07	11:40

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne

### Weather

Temperatures were in the high 60s°F and cloudy.

### Discussion

No anomalous TSP readings were recorded at this site.



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