



# 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)	0.052	20-Aug-07	14:50
2	10ft East of Gate 7 (S side of Liberty)	0.017	20-Aug-07	14:51
3	20ft East of Gate 7 (S side of Liberty)	0.019	20-Aug-07	14:51
4	30ft East of Gate 7 (S side of Liberty)	0.015	20-Aug-07	14:52
5	40ft East of Gate 7 (S side of Liberty)	0.041	20-Aug-07	14:52
6	50ft East of Gate 7 (S side of Liberty)	0.021	20-Aug-07	14:52
7	60ft East of Gate 7 (S side of Liberty)	0.027	20-Aug-07	14:52
8	70ft East of Gate 7 (S side of Liberty)	0.016	20-Aug-07	14:53
9	80ft East of Gate 7 (S side of Liberty)	0.021	20-Aug-07	14:53
10	90ft East of Gate 7 (S side of Liberty)	0.030	20-Aug-07	14:54
11	100ft East of Gate 7 (S side of Liberty)	0.070	20-Aug-07	14:54
12	Liberty & Greenwich (SW Corner)	0.075	20-Aug-07	14:55
13	10ft South of Liberty & Greenwich (W side of Greenwich)	0.022	20-Aug-07	14:55
14	20ft South of Liberty & Greenwich (W side of Greenwich)	0.014	20-Aug-07	14:56
15	30ft South of Liberty & Greenwich (W side of Greenwich)	0.015	20-Aug-07	14:56
16	40ft South of Liberty & Greenwich (W side of Greenwich)	0.013	20-Aug-07	14:57
17	50ft South of Liberty & Greenwich (W side of Greenwich)	0.014	20-Aug-07	14:57
18	60ft South of Liberty & Greenwich (W side of Greenwich)	0.036	20-Aug-07	14:57
19	70ft South of Liberty & Greenwich (W side of Greenwich)	0.019	20-Aug-07	14:58
20	80ft South of Liberty & Greenwich (W side of Greenwich)	0.010	20-Aug-07	14:58
21	90ft South of Liberty & Greenwich (W side of Greenwich)	0.006	20-Aug-07	14:58

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
22	100ft South of Liberty & Greenwich (W side of Greenwich)	0.024	20-Aug-07	14:59
23	110ft South of Liberty & Greenwich (W side of Greenwich)	0.028	20-Aug-07	14:59
24	120ft South of Liberty & Greenwich (W side of Greenwich)	0.009	20-Aug-07	15:00
25	130ft South of Liberty & Greenwich (W side of Greenwich)	0.022	20-Aug-07	15:00
26	140ft South of Liberty & Greenwich (W side of Greenwich)	0.067	20-Aug-07	15:01
27	150ft South of Liberty & Greenwich (W side of Greenwich)	0.110	20-Aug-07	15:02
28	160ft South of Liberty & Greenwich (W side of Greenwich)	0.056	20-Aug-07	15:02
29	Albany & Greenwich (NW Corner)	0.024	20-Aug-07	15:02
30	10ft West of Greenwich (North side of Albany)	0.044	20-Aug-07	15:03
31	20ft West of Greenwich (North side of Albany)	0.063	20-Aug-07	15:03
32	30ft West of Greenwich (North side of Albany)	0.016	20-Aug-07	15:03
33	40ft West of Greenwich (North side of Albany)	0.043	20-Aug-07	15:04
34	50ft West of Greenwich (North side of Albany)	0.051	20-Aug-07	15:04
35	60ft West of Greenwich (North side of Albany)	0.023	20-Aug-07	15:05
36	70ft West of Greenwich (North side of Albany)	0.029	20-Aug-07	15:05
37	80ft West of Greenwich (North side of Albany)	0.019	20-Aug-07	15:05
38	90ft West of Greenwich (North side of Albany)	0.013	20-Aug-07	15:06
39	100ft West of Greenwich (North side of Albany)	0.017	20-Aug-07	15:06
40	110ft West of Greenwich (North side of Albany)	0.015	20-Aug-07	15:06
41	120ft West of Greenwich (North side of Albany)	0.021	20-Aug-07	15:07
42	Albany & Washington (NE Corner)	0.025	20-Aug-07	15:07
43	Albany & Washington (NW Corner)	0.010	20-Aug-07	15:07
44	10ft West of Albany & Washington (N side of Albany)	0.016	20-Aug-07	15:08
45	20ft West of Albany & Washington (N side of Albany)	0.012	20-Aug-07	15:08
46	30ft West of Albany & Washington (N side of Albany)	0.012	20-Aug-07	15:08
47	40ft West of Albany & Washington (N side of Albany)	0.010	20-Aug-07	15:09
48	50ft West of Albany & Washington (N side of Albany)	0.008	20-Aug-07	15:09
49	60ft West of Albany & Washington (N side of Albany)	0.007	20-Aug-07	15:10
50	70ft West of Albany & Washington (N side of Albany)	0.008	20-Aug-07	15:10
51	80ft West of Albany & Washington (N side of Albany)	0.010	20-Aug-07	15:11
52	Albany & West St. (NE corner)	0.011	20-Aug-07	15:11

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
53	Albany & West St. (SE corner)	0.020	20-Aug-07	15:12
54	10ft East of Albany & West Street (S side of Albany)	0.022	20-Aug-07	15:13
55	20ft East of Albany & West Street (S side of Albany)	0.010	20-Aug-07	15:13
56	30ft East of Albany & West Street (S side of Albany)	0.009	20-Aug-07	15:14
57	40ft East of Albany & West Street (S side of Albany)	0.028	20-Aug-07	15:14
58	50ft East of Albany & West Street (S side of Albany)	0.029	20-Aug-07	15:15
59	60ft East of Albany & West Street (S side of Albany)	0.044	20-Aug-07	15:15
60	70ft East of Albany & West Street (S side of Albany)	0.021	20-Aug-07	15:15
61	80ft East of Albany & West Street (S side of Albany)	0.012	20-Aug-07	15:16
62	Albany & Washington (SW Corner)	0.018	20-Aug-07	15:16
63	Albany & Washington (SE Corner)	0.016	20-Aug-07	15:16
64	10ft East of Albany & Washington (S side of Albany)	0.023	20-Aug-07	15:17
65	20ft East of Albany & Washington (S side of Albany)	0.010	20-Aug-07	15:17
66	30ft East of Albany & Washington (S side of Albany)	0.021	20-Aug-07	15:17
67	40ft East of Albany & Washington (S side of Albany)	0.014	20-Aug-07	15:18
68	50ft East of Albany & Washington (S side of Albany)	0.030	20-Aug-07	15:18
69	60ft East of Albany & Washington (S side of Albany)	0.032	20-Aug-07	15:19
70	70ft East of Albany & Washington (S side of Albany)	0.027	20-Aug-07	15:19
71	80ft East of Albany & Washington (S side of Albany)	0.032	20-Aug-07	15:19
72	90ft East of Albany & Washington (S side of Albany)	0.025	20-Aug-07	15:20
73	100ft East of Albany & Washington (S side of Albany)	0.021	20-Aug-07	15:20
74	110ft East of Albany & Washington (S side of Albany)	0.024	20-Aug-07	15:20
75	120ft East of Albany & Washington (S side of Albany)	0.023	20-Aug-07	15:21
76	Greenwich & Albany (NE Corner)	0.024	20-Aug-07	15:22
77	10ft North of Greenwich & Albany (E side of Greenwich)	0.023	20-Aug-07	15:23
78	20ft North of Greenwich & Albany (E side of Greenwich)	0.026	20-Aug-07	15:24
79	30ft North of Greenwich & Albany (E side of Greenwich)	0.022	20-Aug-07	15:24
80	40ft North of Greenwich & Albany (E side of Greenwich)	0.027	20-Aug-07	15:24
81	50ft North of Greenwich & Albany (E side of Greenwich)	0.038	20-Aug-07	15:24
82	60ft North of Greenwich & Albany (E side of Greenwich)	0.027	20-Aug-07	15:25

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
83	70ft North of Greenwich & Albany (E side of Greenwich)	0.052	20-Aug-07	15:26
84	80ft North of Greenwich & Albany (E side of Greenwich)	0.025	20-Aug-07	15:26
85	90ft North of Greenwich & Albany (E side of Greenwich)	0.073	20-Aug-07	15:26
86	100ft North of Greenwich & Albany (E side of Greenwich)	0.044	20-Aug-07	15:27
87	110ft North of Greenwich & Albany (E side of Greenwich)	0.016	20-Aug-07	15:27
88	120ft North of Greenwich & Albany (E side of Greenwich)	0.013	20-Aug-07	15:28
89	130ft North of Greenwich & Albany (E side of Greenwich)	0.020	20-Aug-07	15:28
90	140ft North of Greenwich & Albany (E side of Greenwich)	0.024	20-Aug-07	15:28
91	150ft North of Greenwich & Albany (E side of Greenwich)	0.008	20-Aug-07	15:28
92	160ft North of Greenwich & Albany (E side of Greenwich)	0.030	20-Aug-07	15:29
93	Liberty & Greenwich (SE Corner)	0.014	20-Aug-07	15:29
94	10ft West of Liberty & Greenwich (North side of Liberty)	0.043	20-Aug-07	15:31
95	20ft West of Liberty & Greenwich (North side of Liberty)	0.019	20-Aug-07	15:32
96	30ft West of Liberty & Greenwich (North side of Liberty)	0.038	20-Aug-07	15:32
97	40ft West of Liberty & Greenwich (North side of Liberty)	0.026	20-Aug-07	15:32
98	50ft West of Liberty & Greenwich (North side of Liberty)	0.018	20-Aug-07	15:33
99	60ft West of Liberty & Greenwich (North side of Liberty)	0.013	20-Aug-07	15:33
100	70ft West of Liberty & Greenwich (North side of Liberty)	0.010	20-Aug-07	15:33
101	80ft West of Liberty & Greenwich (North side of Liberty)	0.018	20-Aug-07	15:33
102	90ft West of Liberty & Greenwich (North side of Liberty)	0.014	20-Aug-07	15:34
103	100ft West of Liberty & Greenwich (North side of Liberty)	0.009	20-Aug-07	15:34
104	WTC Gate #7 (Liberty & Washington)	0.015	20-Aug-07	15:35

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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