



MOBILE MONITORING REPORT

Date: 8/22/2007

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 as detailed in the table 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 ³)	Date	Time
1	WTC Gate #7 (Liberty & Washington)	0.030	22-Aug-07	3:05
2	10ft East of Gate 7 (S side of Liberty)	0.067	22-Aug-07	3:06
3	20ft East of Gate 7 (S side of Liberty)	0.056	22-Aug-07	3:07
4	30ft East of Gate 7 (S side of Liberty)	0.041	22-Aug-07	3:08
5	40ft East of Gate 7 (S side of Liberty)	0.045	22-Aug-07	3:09
6	50ft East of Gate 7 (S side of Liberty)	0.030	22-Aug-07	3:09
7	60ft East of Gate 7 (S side of Liberty)	0.073	22-Aug-07	3:10
8	70ft East of Gate 7 (S side of Liberty)	0.034	22-Aug-07	3:10
9	80ft East of Gate 7 (S side of Liberty)	0.038	22-Aug-07	3:11
10	90ft East of Gate 7 (S side of Liberty)	0.032	22-Aug-07	3:11
11	100ft East of Gate 7 (S side of Liberty)	0.036	22-Aug-07	3:11
12	Liberty & Greenwich (SW Corner)	0.031	22-Aug-07	3:12
13	10ft South of Liberty & Greenwich (W side of Greenwich)	0.073	22-Aug-07	3:13
14	20ft South of Liberty & Greenwich (W side of Greenwich)	0.039	22-Aug-07	3:13
15	30ft South of Liberty & Greenwich (W side of Greenwich)	0.041	22-Aug-07	3:13
16	40ft South of Liberty & Greenwich (W side of Greenwich)	0.036	22-Aug-07	3:14
17	50ft South of Liberty & Greenwich (W side of Greenwich)	0.037	22-Aug-07	3:14
18	60ft South of Liberty & Greenwich (W side of Greenwich)	0.024	22-Aug-07	3:14
19	70ft South of Liberty & Greenwich (W side of Greenwich)	0.028	22-Aug-07	3:14
20	80ft South of Liberty & Greenwich (W side of Greenwich)	0.025	22-Aug-07	3:15
21	90ft South of Liberty & Greenwich (W side of Greenwich)	0.024	22-Aug-07	3:15

Monitoring ID Number	Locations	TSP (mg/m ³)	Date	Time
22	100ft South of Liberty & Greenwich (W side of Greenwich)	0.027	22-Aug-07	3:16
23	110ft South of Liberty & Greenwich (W side of Greenwich)	0.029	22-Aug-07	3:16
24	120ft South of Liberty & Greenwich (W side of Greenwich)	0.046	22-Aug-07	3:17
25	130ft South of Liberty & Greenwich (W side of Greenwich)	0.031	22-Aug-07	3:18
26	140ft South of Liberty & Greenwich (W side of Greenwich)	0.024	22-Aug-07	3:18
27	150ft South of Liberty & Greenwich (W side of Greenwich)	0.025	22-Aug-07	3:19
28	160ft South of Liberty & Greenwich (W side of Greenwich)	0.050	22-Aug-07	3:19
29	Albany & Greenwich (NW Corner)	0.034	22-Aug-07	3:19
30	10ft West of Greenwich (North side of Albany)	0.051	22-Aug-07	3:19
31	20ft West of Greenwich (North side of Albany)	0.046	22-Aug-07	3:20
32	30ft West of Greenwich (North side of Albany)	0.044	22-Aug-07	3:20
33	40ft West of Greenwich (North side of Albany)	0.055	22-Aug-07	3:20
34	50ft West of Greenwich (North side of Albany)	0.044	22-Aug-07	3:21
35	60ft West of Greenwich (North side of Albany)	0.056	22-Aug-07	3:21
36	70ft West of Greenwich (North side of Albany)	0.031	22-Aug-07	3:22
37	80ft West of Greenwich (North side of Albany)	0.043	22-Aug-07	3:22
38	90ft West of Greenwich (North side of Albany)	0.040	22-Aug-07	3:22
39	100ft West of Greenwich (North side of Albany)	0.059	22-Aug-07	3:23
40	110ft West of Greenwich (North side of Albany)	0.043	22-Aug-07	3:23
41	120ft West of Greenwich (North side of Albany)	0.055	22-Aug-07	3:23
42	Albany & Washington (NE Corner)	0.046	22-Aug-07	3:23
43	Albany & Washington (NW Corner)	0.038	22-Aug-07	3:24
44	10ft West of Albany & Washington (N side of Albany)	0.033	22-Aug-07	3:24
45	20ft West of Albany & Washington (N side of Albany)	0.037	22-Aug-07	3:24
46	30ft West of Albany & Washington (N side of Albany)	0.044	22-Aug-07	3:25
47	40ft West of Albany & Washington (N side of Albany)	0.039	22-Aug-07	3:25
48	50ft West of Albany & Washington (N side of Albany)	0.033	22-Aug-07	3:25
49	60ft West of Albany & Washington (N side of Albany)	0.034	22-Aug-07	3:25
50	70ft West of Albany & Washington (N side of Albany)	0.025	22-Aug-07	3:26
51	80ft West of Albany & Washington (N side of Albany)	0.030	22-Aug-07	3:26
52	Albany & West St. (NE corner)	0.021	22-Aug-07	3:26

Monitoring ID Number	Locations	TSP (mg/m ³)	Date	Time
53	Albany & West St. (SE corner)	0.020	22-Aug-07	3:27
54	10ft East of Albany & West Street (S side of Albany)	0.019	22-Aug-07	3:27
55	20ft East of Albany & West Street (S side of Albany)	0.022	22-Aug-07	3:28
56	30ft East of Albany & West Street (S side of Albany)	0.038	22-Aug-07	3:28
57	40ft East of Albany & West Street (S side of Albany)	0.027	22-Aug-07	3:28
58	50ft East of Albany & West Street (S side of Albany)	0.026	22-Aug-07	3:29
59	60ft East of Albany & West Street (S side of Albany)	0.026	22-Aug-07	3:29
60	70ft East of Albany & West Street (S side of Albany)	0.028	22-Aug-07	3:30
61	80ft East of Albany & West Street (S side of Albany)	0.044	22-Aug-07	3:30
62	Albany & Washington (SW Corner)	0.039	22-Aug-07	3:30
63	Albany & Washington (SE Corner)	0.031	22-Aug-07	3:31
64	10ft East of Albany & Washington (S side of Albany)	0.050	22-Aug-07	3:32
65	20ft East of Albany & Washington (S side of Albany)	0.061	22-Aug-07	3:33
66	30ft East of Albany & Washington (S side of Albany)	0.054	22-Aug-07	3:33
67	40ft East of Albany & Washington (S side of Albany)	0.052	22-Aug-07	3:34
68	50ft East of Albany & Washington (S side of Albany)	0.056	22-Aug-07	3:34
69	60ft East of Albany & Washington (S side of Albany)	0.043	22-Aug-07	3:34
70	70ft East of Albany & Washington (S side of Albany)	0.042	22-Aug-07	3:35
71	80ft East of Albany & Washington (S side of Albany)	0.035	22-Aug-07	3:35
72	90ft East of Albany & Washington (S side of Albany)	0.037	22-Aug-07	3:35
73	100ft East of Albany & Washington (S side of Albany)	0.062	22-Aug-07	3:36
74	110ft East of Albany & Washington (S side of Albany)	0.049	22-Aug-07	3:36
75	120ft East of Albany & Washington (S side of Albany)	0.066	22-Aug-07	3:36
76	Greenwich & Albany (NE Corner)	0.019	22-Aug-07	3:36
77	10ft North of Greenwich & Albany (E side of Greenwich)	0.020	22-Aug-07	3:37
78	20ft North of Greenwich & Albany (E side of Greenwich)	0.029	22-Aug-07	3:37
79	30ft North of Greenwich & Albany (E side of Greenwich)	0.042	22-Aug-07	3:37
80	40ft North of Greenwich & Albany (E side of Greenwich)	0.023	22-Aug-07	3:37
81	50ft North of Greenwich & Albany (E side of Greenwich)	0.014	22-Aug-07	3:38
82	60ft North of Greenwich & Albany (E side of Greenwich)	0.024	22-Aug-07	3:38

Monitoring ID Number	Locations	TSP (mg/m ³)	Date	Time
83	70ft North of Greenwich & Albany (E side of Greenwich)	0.056	22-Aug-07	3:39
84	80ft North of Greenwich & Albany (E side of Greenwich)	0.028	22-Aug-07	3:39
85	90ft North of Greenwich & Albany (E side of Greenwich)	0.022	22-Aug-07	3:40
86	100ft North of Greenwich & Albany (E side of Greenwich)	0.023	22-Aug-07	3:40
87	110ft North of Greenwich & Albany (E side of Greenwich)	0.031	22-Aug-07	3:41
88	120ft North of Greenwich & Albany (E side of Greenwich)	0.044	22-Aug-07	3:41
89	130ft North of Greenwich & Albany (E side of Greenwich)	0.017	22-Aug-07	3:41
90	140ft North of Greenwich & Albany (E side of Greenwich)	0.021	22-Aug-07	3:42
91	150ft North of Greenwich & Albany (E side of Greenwich)	0.019	22-Aug-07	3:42
92	160ft North of Greenwich & Albany (E side of Greenwich)	0.017	22-Aug-07	3:43
93	Liberty & Greenwich (SE Corner)	0.040	22-Aug-07	3:44
94	10ft West of Liberty & Greenwich (North side of Liberty)	0.011	22-Aug-07	3:45
95	20ft West of Liberty & Greenwich (North side of Liberty)	0.033	22-Aug-07	3:45
96	30ft West of Liberty & Greenwich (North side of Liberty)	0.031	22-Aug-07	3:45
97	40ft West of Liberty & Greenwich (North side of Liberty)	0.039	22-Aug-07	3:46
98	50ft West of Liberty & Greenwich (North side of Liberty)	0.027	22-Aug-07	3:46
99	60ft West of Liberty & Greenwich (North side of Liberty)	0.016	22-Aug-07	3:47
100	70ft West of Liberty & Greenwich (North side of Liberty)	0.020	22-Aug-07	3:47
101	80ft West of Liberty & Greenwich (North side of Liberty)	0.018	22-Aug-07	3:47
102	90ft West of Liberty & Greenwich (North side of Liberty)	0.017	22-Aug-07	3:48
103	100ft West of Liberty & Greenwich (North side of Liberty)	0.012	22-Aug-07	3:48
104	WTC Gate #7 (Liberty & Washington)	0.014	22-Aug-07	3:49

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

Weather

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

Discussion

No anomalous TSP readings were recorded at this site.



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