



MOBILE MONITORING REPORT

Date: 1/16/2009

Location: 123 Washington St.
(1120)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
Site Visit 1 (9:35AM to 10:20AM)				
1	NE Corner of Site	0.033	69.7	09:35 - 09:45
2	Washington & Albany	0.030	74.1	09:46 - 09:56
3	Washington b/t Albany & Carlisle	0.080	76.6	09:56 - 10:06
4	Carlisle b/w Washington and Greenwich	0.068	71.9	10:10 - 10:20
Site Visit 2 (11:17AM to 11:58AM)				
1	NE Corner of Site	0.037	75.5	11:17 - 11:27
2	Washington & Albany	0.038	75.4	11:28 - 11:38
3	Washington b/t Albany & Carlisle	0.039	72.9	11:38 - 11:48
4	Carlisle b/w Washington and Greenwich	0.040	74.2	11:48 - 11:58
Site Visit 3 (1:40PM to 2:23PM)				
1	NE Corner of Site	0.036	70.1	13:40 - 13:50
2	Washington & Albany	0.028	72.8	13:51 - 14:01
3	Washington b/t Albany & Carlisle	0.038	70.0	14:02 - 14:12
4	Carlisle b/w Washington and Greenwich	0.033	71.7	14:13 - 14:23
Site Visit 4 (3:05PM to 3:47PM)				
1	NE Corner of Site	0.024	69.7	15:05 - 15:15
2	Washington & Albany	0.037	69.6	15:15 - 15:25
3	Washington b/t Albany & Carlisle	0.044	71.3	15:26 - 15:36
4	Carlisle b/w Washington and Greenwich	0.041	67.9	15:37 - 15:47
Site Visit 5 (4:05PM to 4:50PM)				
1	NE Corner of Site	0.039	68.7	16:05 - 16:15
2	Washington & Albany	0.021	67.8	16:18 - 16:28
3	Washington b/t Albany & Carlisle	0.020	65.2	16:29 - 16:39
4	Carlisle b/w Washington and Greenwich	0.025	62.8	16:40 - 16:50

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Quest Q-300 Noise Dosimeter designed to measure sound level

Weather

Temperature 10 - 20°F, sunny, mild winds.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site.

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 1/20/2009

Location: Fulton St. Transit Center
(0620)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	Fulton b/t Nassau & Broadway (East end of site)	0.055	75.5	0939-0949
2	Broadway b/t Fulton & John (Site Entrance)	0.081	72.9	0950-1000
3	Broadway 2/3 to John (South end of site)	0.073	65.7	1001-1012
Site Visit 2				
1	Fulton b/t Nassau & Broadway (East end of site)	0.059	69.5	1055-1105
2	Broadway b/t Fulton & John (Site Entrance)	0.085	72.2	1106-1116
3	Broadway 2/3 to John (South end of site)	0.076	69.8	1116-1126
Site Visit 3				
1	Fulton b/t Nassau & Broadway (East end of site)	0.037	69.3	1204-1214
2	Broadway b/t Fulton & John (Site Entrance)	0.059	69.1	1215-1225
3	Broadway 2/3 to John (South end of site)	0.044	74.5	1226-1236
Site Visit 4				
1	Fulton b/t Nassau & Broadway (East end of site)	0.040	72.6	1347-1348
2	Broadway b/t Fulton & John (Site Entrance)	0.046	74.4	1358-1408
3	Broadway 2/3 to John (South end of site)	0.045	70.7	1409-1419
Site Visit 5				
1	Fulton b/t Nassau & Broadway (East end of site)	0.031	69.2	1551-1601
2	Broadway b/t Fulton & John (Site Entrance)	0.043	71.9	1602-1612
3	Broadway 2/3 to John (South end of site)	0.039	66.7	1612-1622

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Quest Q-300 Noise Dosimeter designed to measure sound level

Weather

RH-19.5-21% Wind 2-5mph 26-30 degrees with clear skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. At 9:47AM a truck backing up resulted in elevated noise levels (91db's) and a greater Lavg at ID# 1. At 12:29PM an police car drove by with sirens on causing elevated noise levels (87.5db's) resulting in a greater Lavg at ID#3.

David Frucher
Lower Manhattan Construction Command Center

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 1/21/2009

Location: Fiterman Hall
(0930)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	West Broadway & Park Place	0.025	67.6	10:20 - 10:31
2	Park Place & Greenwich	0.030	63.3	10:32 - 10:42
3	Barclay & Greenwich	0.029	70.1	10:43 - 10:53
4	Barclay & West Broadway	0.030	70.3	10:54 - 11:04
Site Visit 2				
1	West Broadway & Park Place	0.025	67.9	12:48 - 12:58
2	Park Place & Greenwich	0.025	68.8	12:59 - 13:09
3	Barclay & Greenwich	0.021	68.7	13:10 - 13:20
4	Barclay & West Broadway	0.032	68.7	13:21 - 13:31
Site Visit 3				
1	West Broadway & Park Place	0.038	72.9	14:15 - 14:25
2	Park Place & Greenwich	0.031	69.2	14:26 - 14:36
3	Barclay & Greenwich	0.030	67.7	14:37 - 14:48
4	Barclay & West Broadway	0.035	64.9	14:49 - 14:59
Site Visit 4				
1	West Broadway & Park Place	0.037	67.1	15:10 - 15:20
2	Park Place & Greenwich	0.034	66.1	15:21 - 15:31
3	Barclay & Greenwich	0.032	69.3	15:32 - 15:42
4	Barclay & West Broadway	0.034	69.7	15:43 - 15:53
Site Visit 5				
1	West Broadway & Park Place	0.028	64.6	16:05 - 16:15
2	Park Place & Greenwich	0.037	66.5	16:16 - 16:26
3	Barclay & Greenwich	0.028	69.0	16:27 - 16:37
4	Barclay & West Broadway	0.038	66.7	16:38 - 16:48

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Quest Q-300 Noise Dosimeter designed to measure sound level

Weather

Temperature 20°F - 25°F, mild winds, partially cloudy.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site.

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.

