



MOBILE MONITORING REPORT

Date: 8/1/2008

Location: 130 Liberty Deconstruction
Inside
(0800)

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
1	Cedar & West	0.040	70.4	13:54
2	Cedar (10ft from West)	0.044	71.3	13:53
3	Cedar (20ft from West)	0.054	71.7	13:52
4	Cedar (Middle of Trailers)	0.039	75.2	13:51
5	Cedar (20ft from Washington)	0.027	77.0	13:50
6	Cedar (10ft from Washington)	0.036	76.4	13:49
7	Cedar & Washington	0.038	75.1	13:48
8	Washington (10ft from Cedar)	0.026	74.7	13:47
9	Washington (20ft from Cedar)	0.034	72.7	13:46
10	Bottom of North trailer's stairs	0.028	74.0	13:45
11	Top of North trailer's Stairs	0.037	75.4	13:44
12	Along trailers (10ft from stairs)	0.035	73.4	13:43
13	Along trailers (20ft from stairs)	0.038	72.1	13:42
14	Next to air monitors	0.032	73.7	13:41
15	10ft from air monitors	0.030	71.8	13:40
16	20ft from air monitors	0.042	74.2	13:39
17	End of Scaffolding	0.028	75.1	13:38
18	Cedar 10ft East of stairs (on ground)	0.043	74.7	13:37
19	20ft East of stairs	0.031	75.9	13:36
20	30ft East of stairs	0.029	71.8	13:35
21	40ft East of stairs (next to constuction debris)	0.050	74.3	13:34
22	Next to crane	0.056	71.3	13:33
23	Washington (10ft South of Cedar)	0.041	79.0	13:32
24	Washington (20ft South of Cedar)	0.038	81.9	13:31
25	Washington (30ft South of Cedar)	0.045	81.6	13:30
26	Next to Gate	0.076	83.6	13:29
27	10ft East of Gate (under scaffolding)	0.057	81.7	13:28
28	20ft East of Gate (under scaffolding)	0.050	78.5	13:27
29	30ft East of stairs (hoist entrance)	0.046	78.7	13:26
30	40ft East of stairs (next to hoist)	0.044	77.9	13:25

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

Weather


Temperatures were in the low 80s°F and partially cloudy skies.

Discussion

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



Mark Spaeth
Lower Manhattan Construction Command Center



Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/1/2008

Location: 130 Liberty Deconstruction
Perimeter
(0800)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise 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 and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	WTC Gate #7 (Liberty & Washington)	0.058	73.6	14:13
2	10ft East of Gate 7 (S side of Liberty)	0.055	73.5	14:12
3	20ft East of Gate 7 (S side of Liberty)	0.039	75.9	14:11
4	30ft East of Gate 7 (S side of Liberty)	0.041	82.9	14:10
5	40ft East of Gate 7 (S side of Liberty)	0.096	78.0	14:09
6	50ft East of Gate 7 (S side of Liberty)	0.043	78.0	14:08
7	60ft East of Gate 7 (S side of Liberty)	0.129	76.0	14:07
8	70ft East of Gate 7 (S side of Liberty)	0.075	75.6	14:06
9	80ft East of Gate 7 (S side of Liberty)	0.097	79.3	14:05
10	90ft East of Gate 7 (S side of Liberty)	0.106	80.3	14:04
11	100ft East of Gate 7 (S side of Liberty)	0.098	79.3	14:03
12	Liberty & Greenwich	0.074	80.8	14:02
13	Greenwich & Cedar	0.078	73.4	14:01
14	Greenwich & Albany	0.042	72.7	14:00
15	Albany b/t Washington and Greenwich	0.085	82.1	13:59
16	Albany and Washington	0.092	81.4	13:58
17	Albany b/t Washington and West	0.045	78.9	13:57
18	West St. & Albany	0.024	76.9	13:56
19	Gate 2(WTC)	0.029	75.0	13:55

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

Weather

Temperatures were in the low 80s°F and partially cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/5/2008

Location: 90 West Street

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
1	90 West Street	0.027	67.0	11:58
2	Gate 2 of WTC	0.028	67.9	11:59

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

Temperatures were in the lower 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/5/2008

Location: Marriot Financial
Center Hotel

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise 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 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
1	Albany & Washington	0.027	71.6	12:04
2	Albany & West	0.025	67.5	12:01
3	Carlisle & West	0.026	76.8	12:02
4	Carlisle & Washington	0.042	72.5	12:03

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

Temperatures were in the lower 80s°F with cloudy skies.

Discussion

No anomalous or out-of-compliance TSP readings. No noise readings were taken due to weather conditions.

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/5/2008

Location: BPC Site 23 (0490)

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
1	North End b/w Murray & Warren	0.031	82.0	13:55
2	Warren and North End Ave.	0.017	72.8	13:54
3	Warren b/t North End and West St.	0.072	67.2	13:53

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

Temperatures were in the lower 80s°F with cloudy skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. The elevated noise reading was caused by pile driving.

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/5/2008

Location: BPC Site 26
Goldman Sachs (0530)

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
1	West & Vesey	0.032	79.0	14:39
2	Vesey, midway b/t gates	0.027	75.7	14:47
3	Wvesey, SW corner of site	0.015	73.7	14:46
4	Midway on Westside of site b/t Murray & Vesey	0.061	67.9	14:45
5	Murray, NW corner of site	0.030	72.0	14:44
6	Murray at gate mid-way	0.050	73.5	14:41
7	West & Murray	0.043	74.9	14:43
8	Barclay & West	0.055	75.0	14:42

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

Temperatures were in the lower 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/6/2008

Location: 1 York (1660)

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
1	York & St. Johns	0.042	68.8	14:00
2	York & 6th Ave.	0.043	76.6	14:01
3	6th Ave. b/t York & Laight	0.047	71.6	14:02
4	6th Ave & Laight	0.045	75.5	14:03
5	Laight & St. Johns	0.039	71.7	14:04

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

Temperatures were in the upper 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/6/2008

Location: 475 Greenwich (1750)

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
1	Watts b/t Greenwich & Canal	0.030	75.4	14:16
2	Watts & Canal	0.036	71.6	14:17
3	Canal b/t Watts & Greenwich	0.033	75.8	14:18
4	Canal & Greenwich	0.031	74.5	14:19
5	Greenwich & Watts	0.032	66.8	14:20

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

Temperatures were in the upper 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/6/2008

Location: 370 Canal (3870)

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
1	Canal (site entrance)	0.037	70.7	14:03
2	Lispenard (site entrance)	0.036	68.6	14:00

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

Temperatures were in the upper 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/7/2008

Location: NYU Law School
Library (1730)

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
1	W. Broadway b/t Worth & Leonard	0.025	71.3	15:10
2	W. Broadway & Leonard	0.039	75.0	15:11
3	Leonard (midway along site)	0.021	80.9	15:12
4	Leonard mid b/t W. Broadway & Church	0.022	72.9	15:13
5	Worth (site entrance)	0.046	74.9	15:14

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

Temperatures were in the mid 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/7/2008

Location: 34 Leonard St (2970)

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
1	W. Broadway b/w Leonard & Worth	0.026	73.0	15:06
2	W. Broadway and Leonard (SW Corner)	0.036	80.5	15:07
3	Leonard b/w W. Broadway & Hudson)	0.016	73.1	15:08

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

Temperatures were in the mid 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/7/2008

Location: 50 Franklin St (3170)

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
1	Franklin St (western edge of site)	0.037	71.3	15:21
2	Franklin St (eastern edge of site)	0.033	73.7	15:22

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

Temperatures were in the mid 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/7/2008

Location: 56 Leonard St (5230)

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
1	Leonard mid b/t W. Broadway & Church	0.02	71.2	15:30
2	Leonard & Church	0.029	70.3	15:31
3	Church b/t Leonard & Worth	0.031	73.1	15:32

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

Temperatures were in the mid 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/7/2008

Location: 371 Broadway (5470)

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
1	South Edge of Site	0.018	75.0	15:24
2	North Edge of Site	0.025	77.5	15:25

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

Temperatures were in the mid 80s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/8/2008

Location: BPC Site 16/17 (0520)

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
1	North End Ave. b/t Murray & Vesey	0.016	69.5	15:13
2	North End & Murray	0.020	75.3	15:14
3	Murray b/t North End & river Terrace	0.018	67.6	15:15
4	Murray & River Terrace	0.024	76.2	15:16
5	River Terrace b/t Murray & Vesey	0.045	76.8	15:17
6	River Terrace & Vesey	0.024	65.1	15:18
7	Midway along Irish Hunger Memorial	0.019	72.1	15:19
8	North End & Vesey	0.017	71.5	15:20

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/8/2008

Location: 270 Greenwich (0960)

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
1	Murray & West	0.024	76.5	14:54
2	SJU NE Corner adjacent to site	0.030	70.8	14:55
3	Murray, mid along site entrances	0.032	76.7	14:56
4	Greenwich & Murray	0.053	77.4	14:57
5	Greenwich b/t Murray & Warren	0.024	71.2	14:58
6	Greenwich & Warren	0.021	71.6	14:59
7	Warren b/t Greenwich & West	0.022	69.2	15:00
8	Warren & West	0.017	73.7	15:01

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/8/2008

Location: Parker Development
(1670)

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
1	Washington b/t Watts & Debrosses	0.021	75.1	14:13
2	Washington & Watts	0.022	63.9	14:14
3	Watts b/t Washington & West Side	0.015	74.9	14:15
4	Watts & West Side	0.016	78.8	14:16
5	West Side b/t Watts & Debrosses	0.015	75.9	14:17
6	West side & Debrosses	0.021	67.9	14:18
7	Debrosses b/t West Side & Washington	0.016	69.2	14:19
8	Debrosses & Washington	0.017	64.8	14:20

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Sarah Miller
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/8/2008

Location: BPC Site 24 (2990)

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
1	Murray b/t North End Ave. & split	0.027	72.5	15:08
2	Murray and North End Ave.	0.010	70.1	15:09
3	North End b/w Murray & Warren	0.018	76.5	15:10

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/8/2008

Location: 31 Vestry Street
(5520)

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
1	West End of Site	0.015	72.7	14:09
2	East End of Site	0.029	73.6	14:08

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

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

Mark Spaeth
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/14/2008

Location: 9A - Phase 2 (0020)

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
1	Albany & West (NW corner)	0.056	74.6	13:39
2	Mid West b/t Albany & Liberty	0.054	70.1	13:40
3	West & Liberty (SW Corner)	0.061	75.8	13:41
4	1/3 West b/t Liberty & Vesey	0.044	73.5	13:42
5	Mid West b/t Liberty & Vesey	0.081	69.3	13:43
6	2/3 West b/t Liberty & Vesey	0.061	72.3	13:44
7	West & Vesey (SW corner)	0.057	74.6	13:45
8	West & Vesey (NW Corner)	0.102	71.7	13:46
9	West b/t Vesey & Murray	0.069	69.7	13:47
10	West & Murray (SW corner)	0.058	77.8	13:48
11	West & Murray (NW corner)	0.067	70.7	13:49
12	Mid. West b/t Murray & Warren	0.048	64.4	13:50
13	West & Warren (SW corner)	0.055	68.8	13:51
14	West & Chambers	0.050	73.8	13:52

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

Temperatures were in the high 70s°F with cloudy skies.

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: 8/14/2008

Location: Fulton Street Transit Center (0590, 0610)

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
6	Midpoint on Fulton b/t Church & Broadway	0.069	76.5	10:30
7	Midpoint on Fulton b/t Nassau & Broadway	0.053	81.1	10:28
8	SE Corner of Fulton & Broadway	0.085	78.8	10:28
9	Broadway b/t Fulton and John (¼ to Fulton)	0.210	81.5	10:26
10	Midpoint Broadway b/t Fulton and John	0.048	80.0	10:34
11	Broadway b/t Fulton & John (¼ to John)	0.049	76.7	10:35
12	Broadway & John	0.047	75.3	10:36
13	Mid Broadway b/w Cortlandt & Dey (Demo)	0.086	75.2	10:14
14	Southwest corner of Broadway & Dey	0.056	75.7	10:38
15	Dey, ¼ to Broadway	0.169	80.0	10:45
16	Dey, ½ to Church	0.125	80.7	11:45
17	Dey, ¼ to Church	0.095	81.8	10:46

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

Elevated TSP levels corresponded with observations of visible emissions and corrective measures. Please see the Dust Control Emission Report for details.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/14/2008

Location: Transit Center (Fulton)
(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. 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
1	Fulton b/t Nassau & Broadway (East end of site)	0.078	74.0	11:09
2	Mid site on Fulton	0.076	69.8	11:12
3	Broadway & Fulton	0.085	77.8	11:15
4	Broadway b/t Fulton & John (Site Entrance)	0.068	71.3	11:25
5	Broadway 2/3 to John (South end of site)	0.063	73.6	11:27
6	Broadway & John	0.076	70.8	11:24
7	John outside Fulton St Subway Station Exit	0.071	69.8	11:22

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. Readings seen here were lower than readings in this area documented on sheet 0590, 0610 at similar locations earlier this morning.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/14/2008

Location: 130 Liberty Street
Deconstruction
(0800)

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
1	Liberty & Washington (outside gate)	0.118	67.5	14:13
2	Liberty b/t Greenwich & Washington	0.109	73.5	14:14
3	Greenwich & Liberty	0.095	81.3	14:15
4	Greenwich & Cedar	0.121	70.3	14:16
5	Greenwich & Albany	0.094	71.5	14:17
6	Albany b/t Washington & Greenwich	0.081	73.6	14:18
7	Albany & Washington	0.068	74.5	14:19

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

Temperatures were in the high 70s°F with cloudy skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/14/2008

Location: 130 Cedar (0880)

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
1	Northeast corner of 130 Cedar	0.066	72.5	14:10
2	Midpoint on West side sidewalk (Washington)	0.070	73.3	14:11
3	Albany & Washington	0.068	73.0	14:12

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

Temperatures were in the high 70s°F with cloudy skies.

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: 8/14/2008

Location: 201 Pearl Street (1810)

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
1	Maiden b/t Gold & Pearl	0.081	76.4	14:42
2	Maiden & Pearl	0.064	73.9	14:43
3	Pearl & Fletcher	0.057	70.9	14:44

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

Temperatures were in the high 70s°F with cloudy skies.

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: 8/14/2008

Location: 20 Maiden Lane (3880)

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
1	Liberty Place b/t Liberty & Maiden	0.128	73.8	14:31
2	Liberty Place & Maiden	0.063	70.7	14:32
3	Maiden b/t Liberty Place & Nassau	0.061	69.3	14:33
4	Nassau, mid by site entrance	0.109	71.6	14:34

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

Temperatures were in the high 70s°F with cloudy skies.

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: 8/15/2008

Location: Fulton Street Transit
Center (0590, 0610)

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
1	Midpoint on Fulton b/t Church & Broadway	0.118	73.8	14:55
2	Midpoint on Fulton b/t Nassau & Broadway	0.112	75.0	14:56
3	SE Corner of Fulton & Broadway	0.125	75.0	14:57
4	Broadway b/t Fulton and John (¼ to Fulton)	0.130	73.5	14:58
5	Midpoint Broadway b/t Fulton and John	0.121	77.0	14:59
6	Broadway b/t Fulton & John (¼ to John)	0.134	74.5	15:00
7	Broadway & John	0.137	73.3	15:01
8	Mid Broadway b/w Cortlandt & Dey (Demo)	0.134	74.8	15:02
9	Southwest corner of Broadway & Dey	0.148	75.1	15:03
10	Dey, ¼ to Broadway	0.144	73.3	15:04
11	Dey, ½ to Church	0.113	81.5	15:05
12	Dey, ¼ to Church	0.098	72.8	15:06

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

Temperatures were in the high 70s°F with partly cloudy skies.

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: 8/15/2008

Location: 130 Liberty Street
Deconstruction
(0800)

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
1	Liberty & Washington (outside gate)	0.098	74.2	14:40
2	Liberty b/t Greenwich & Washington	0.145	77.4	14:41
3	Greenwich & Liberty	0.104	82.8	14:42
4	Greenwich & Cedar	0.131	71.4	14:43
5	Greenwich & Albany	0.128	75.0	14:44
6	Albany b/t Washington & Greenwich	0.113	73.2	14:45
7	Albany & Washington	0.101	77.2	14:46

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

Temperatures were in the high 70s°F with partly cloudy skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/15/2008

Location: 130 Cedar (0880)

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
1	Northwest corner of 130 Cedar	0.097	76.2	14:47
2	Mid Albany (Mid-site)	0.090	75.8	14:48
3	Albany & Washington (NW)	0.092	76.8	14:49

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

Temperatures were in the high 70s°F with partly cloudy skies.

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: 8/15/2008

Location: 20 Maiden Lane (3880)

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
1	Liberty Place b/t Liberty & Maiden	0.128	77.8	15:08
2	Liberty Place & Maiden	0.146	73.9	15:09
3	Maiden b/t Liberty Place & Nassau	0.104	70.8	15:10
4	Nassau, mid by site entrance	0.121	71.1	15:11

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

Temperatures were in the high 70s°F with partly cloudy skies.

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.

