



MOBILE MONITORING REPORT

Date: 9/8/2009
 Location: 130 Liberty Street
Deconstruction
(0800)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	Liberty & Washington (outside gate)	0.092	72.3	09:21-09:31
2	Greenwich b/w Liberty and Cedar	0.077	70.7	09:33-09:43
3	Albany & Greenwich	0.058	69.2	09:45-09:55
7	Albany & Washington	0.118	74.2	09:57-10:07
Site Visit 2				
1	Liberty & Washington (outside gate)	0.077	74.3	10:48-10:58
2	Greenwich b/w Liberty and Cedar	0.060	71.0	11:00-11:10
3	Albany & Greenwich	0.075	70.5	11:12-11:22
7	Albany & Washington	0.124	76.1	11:24-11:34
Site Visit 3				
1	Liberty & Washington (outside gate)	0.091	72.6	12:47-12:57
2	Greenwich b/w Liberty and Cedar	0.086	72.2	12:59-13:09
3	Albany & Greenwich	0.062	70.7	13:11-13:21
7	Albany & Washington	0.066	75.7	13:23-13:33
Site Visit 4				
1	Liberty & Washington (outside gate)	0.061	69.4	14:26-14:36
2	Greenwich b/w Liberty and Cedar	0.077	71.5	14:38-14:48
3	Albany & Greenwich	0.057	69.3	14:49-14:59
7	Albany & Washington	0.071	74.5	15:01-15:11
Site Visit 5				
1	Liberty & Washington (outside gate)	0.056	69.7	16:02-16:12
2	Greenwich b/w Liberty and Cedar	0.050	69.2	16:14-16:24
3	Albany & Greenwich	0.053	67.3	16:26-16:36
7	Albany & Washington	0.051	72.2	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

RH: 55-65%; Wind: NE 3-5mph; 75 degrees; cloudy

Discussion

No anomalous or out-of-compliance dust or noise readings were detected at this site. Noise levels recorded at ID #1&2 were slightly elevated due to construction activity taking place at WTC.

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/9/2009

Location: Fiterman Hall (0930)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	West Broadway & Park Place	0.031	73.5	10:08
2	Park Place & Greenwich	0.028	76.1	9:55
3	Barclay & Greenwich	0.034	91.4	10:32
4	Barclay & West Broadway	0.068	78.6	10:20

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

69 degrees, 70% humidity, Partly Cloudy, Winds ENE at 13 mph

Discussion

Monitoring was performed for 10 minutes and results reported represent the Time Weighted Average (TWA) for Respirable Dust and Noise. The exceedance at Barclay and Greenwich was due to unrelated street maintenance activities.

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/9/2009

Location: BPC Site 23 (0490)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	North End b/w Murray & Warren	0.037	73.9	11:59
2	Warren and North End Ave.	0.033	67.4	11:57
3	Warren b/t North End and West St.	0.033	73.8	12:05

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

72 degrees, 64% humidity, Mostly Cloudy, Winds NE at 10 mph

Discussion

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

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/9/2009

Location: BPC Site 24 (2990)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Murray b/t North End Ave. & split	0.029	75.9	12:03
2	Murray and North End Ave.	0.080	70.1	12:07
3	North End b/w Murray & Warren	0.037	73.9	11:57

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

72 degrees, 64% humidity, Mostly Cloudy, Winds NE at 10 mph

Discussion

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

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/9/2009

Location: Washington Market
Park (1960)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	SE corner of site	0.024	68.1	14:38
2	SW corner of Site	0.055	65.7	14:40
3	NE corner of site	0.028	70.8	14:42
4	NW corner of site	0.029	65.0	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

74 degrees, 62% humidity, Parly Cloudy, Winds Variable at 5 mph

Discussion

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

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/9/2009

Location: BPC Site 26
Goldman Sachs (0530)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	West & Vesey	0.040	78.4	14:19
2	Vesey, midway b/t gates	0.091	74.5	14:22
3	Vesey, SW corner of site	0.049	78.2	15:08
4	Midway on Westside of site b/t Murray & Vesey	0.050	76.1	15:02
5	Murray, NW corner of site	0.059	71.6	15:06
6	Murray at gate mid-way	0.027	69.1	15:00
7	West & Murray	0.031	68.8	14:57
8	Barclay & West	0.086	73.3	15:03

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

74 degrees, 62% humidity, Partly Cloudy, Winds Variable at 5 mph

Discussion

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

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 8/9/2009

Location: 9A - Phase 2 (0020)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the table below.

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the table below.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	West b/w Albany & Carlisle	0.130	70.7	15:32
2	Albany & West (NW corner)	0.057	76.3	15:20
3	Mid West b/t Albany & Liberty	0.062	72.2	15:23
4	West & Liberty (SW Corner)	0.053	71.9	15:30
5	1/3 West b/t Liberty & Vesey	0.044	70.2	15:15
6	Mid West b/t Liberty & Vesey	0.025	66.2	15:13
7	2/3 West b/t Liberty & Vesey	0.034	77.0	15:11
8	West & Vesey (SW corner)	0.037	78.2	15:07
9	West & Vesey (NE Corner)	0.031	75.1	15:09
10	West b/t Vesey & Murray	0.081	72.9	15:03
11	West & Murray (SE corner)	0.031	68.8	14:59
12	West & Murray (NE corner)	0.029	69.9	14:57
13	Mid. West b/t Murray & Warren	0.053	74.9	14:54
14	West & Warren (SE corner)	0.030	78.9	14:52
15	West & Chambers	0.030	96.1	14:50

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

74 degrees, 62% humidity, Partly Cloudy, Winds Variable at 5 mph

Discussion

Elevated noise was observed at West & Chambers, and was attributed to concrete street cutting activities on the construction site.

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/10/2009

Location: Fiterman Hall
(0930)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 μ m) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	West Broadway & Park Place	0.019	68.5	09:24-09:34
2	Greenwich & Park Place	0.015	69.7	09:35-09:45
3	Greenwich & Barclay	0.074	73.0	09:46-09:56
4	West Broadway & Barclay	0.020	72.6	09:57-10:07
Site Visit 2				
1	West Broadway & Park Place	0.026	78.1	10:57-11:07
2	Greenwich & Park Place	0.017	73.7	11:08-11:18
3	Greenwich & Barclay	0.031	73.9	11:19-11:29
4	West Broadway & Barclay	0.052	75.0	11:30-11:40
Site Visit 3				
1	West Broadway & Park Place	0.023	73.2	12:59-13:09
2	Greenwich & Park Place	0.029	77.0	13:10-13:20
3	Greenwich & Barclay	0.114	74.5	13:21-13:31
4	West Broadway & Barclay	0.108	75.2	13:32-13:42
Site Visit 4				
1	West Broadway & Park Place	0.028	73.1	14:12-14:22
2	Greenwich & Park Place	0.023	72.0	14:23-14:33
3	Greenwich & Barclay	0.056	74.9	14:34-14:44
4	West Broadway & Barclay	0.042	70.8	14:45-14:55
Site Visit 5				
1	West Broadway & Park Place	0.033	71.0	16:06-16:16
2	Greenwich & Park Place	0.025	73.8	16:17-16:27
3	Greenwich & Barclay	0.042	71.8	16:28-16:38
4	West Broadway & Barclay	0.038	73.7	16:39-16:49

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

RH: 60-70%; Wind: NE 5-14 mph; 65-68 degrees; cloudy

Discussion

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

Tim Burns

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/14/2009

Location: Beekman Tower (0840)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
2	Beekman, b/t Nassau & William	0.041	65.6	0955 - 1005
3	Beekman & William	0.026	65.9	1005 - 1015
5	Spruce & William	0.043	72.0	1015 - 1025
6	Spruce b/t William & Nassau	0.037	64.2	1025 - 1035
Site Visit 2				
2	Beekman, b/t Nassau & William	0.032	67.5	1040 - 1050
3	Beekman & William	0.029	66.7	1050 - 1100
5	Spruce & William	0.037	65.3	1100 - 1110
6	Spruce b/t William & Nassau	0.033	77.8	1110 - 1120
Site Visit 3				
2	Beekman, b/t Nassau & William	0.048	76.7	1345 - 1355
3	Beekman & William	0.059	65.9	1355 - 1406
5	Spruce & William	0.089	70.1	1407 - 1417
6	Spruce b/t William & Nassau	0.109	80.3	1418 - 1428
Site Visit 4				
2	Beekman, b/t Nassau & William	0.037	66.6	1430 - 1440
3	Beekman & William	0.084	72.3	1441 - 1451
5	Spruce & William	0.036	63.5	1453 - 1503
6	Spruce b/t William & Nassau	0.045	68.2	1505 - 1515
Site Visit 5				
2	Beekman, b/t Nassau & William	0.046	61.6	1605 - 1615
3	Beekman & William	0.026	59.9	1615 - 1625
5	Spruce & William	0.031	60.4	1625 - 1635
6	Spruce b/t William & Nassau	0.033	70.5	1635 - 1645

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

Weather

RH: 48 - 90%; Wind: variable, 5-12 mph; Temp: 65-76 F; Sunny

Discussion

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

V. Balasubramanian

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/15/2009

Location: 123 Washington St.
(1120)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 μ m) 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: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1 (9:40AM to 10:25AM)				
1	Greenwich & Albany	0.077	79.7	10:15-10:25
2	Washington & Albany	0.062	74.6	10:03-10:13
3	Washington b/t Albany & Carlisle	0.042	68.5	9:52-10:02
4	Carlisle b/w Washington and Greenwich	0.044	76.6	9:40-9:50
Site Visit 2 (11:25AM to 12:09PM)				
1	Greenwich & Albany	0.046	65.6	11:25-11:35
2	Washington & Albany	0.042	70.9	11:59-12:09
3	Washington b/t Albany & Carlisle	0.034	75.3	11:48-11:58
4	Carlisle b/w Washington and Greenwich	0.050	69.4	11:37-11:47
Site Visit 3 (1:02PM to 1:47PM)				
1	Greenwich & Albany	0.041	70.5	13:37-13:47
2	Washington & Albany	0.038	70.6	13:25-13:35
3	Washington b/t Albany & Carlisle	0.043	66.6	13:13-13:23
4	Carlisle b/w Washington and Greenwich	0.032	60.3	13:02-13:12
Site Visit 4 (2:40PM to 3:25PM)				
1	Greenwich & Albany	0.048	73.9	14:40-14:50
2	Washington & Albany	0.053	86.2	14:52-15:02
3	Washington b/t Albany & Carlisle	0.037	74.5	15:03-15:13
4	Carlisle b/w Washington and Greenwich	0.027	67.6	15:15-15:25
Site Visit 5 (4:00PM to 4:42PM)				
1	Greenwich & Albany	0.04	66.9	16:32-16:42
2	Washington & Albany	0.041	73.4	16:22-16:32
3	Washington b/t Albany & Carlisle	0.029	74.9	16:00-16:10
4	Carlisle b/w Washington and Greenwich	0.025	68.1	16:11-16:21

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


Weather

Temperature 68-77°F, Sunny, Calm Winds.

Discussion

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

Lower Manhattan Construction Command Center


Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2009

Location: Fulton St. Transit Center
(0610, 0620)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 μ m) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	Fulton b/t Nassau & Broadway (East end of site)	0.050	75.5	10:17-10:27
2	Broadway b/t Fulton & John (Site Entrance)	0.046	79.1	10:06-10:16
3	Broadway 2/3 to John (South end of site)	0.039	76.7	9:55-10:05
Site Visit 2				
1	Fulton b/t Nassau & Broadway (East end of site)	0.030	74.9	11:42-11:52
2	Broadway b/t Fulton & John (Site Entrance)	0.029	79.7	11:53-12:03
3	Broadway 2/3 to John (South end of site)	0.020	72.6	12:04-12:14
Site Visit 3				
1	Fulton b/t Nassau & Broadway (East end of site)	0.041	75.8	13:27-13:37
2	Broadway b/t Fulton & John (Site Entrance)	0.029	78.8	13:38-13:48
3	Broadway 2/3 to John (South end of site)	0.034	74.7	13:49-13:59
Site Visit 4				
1	Fulton b/t Nassau & Broadway (East end of site)	0.033	84.8	14:46-14:56
2	Broadway b/t Fulton & John (Site Entrance)	0.028	79.9	14:57-15:07
3	Broadway 2/3 to John (South end of site)	0.039	74.6	15:08-15:18
Site Visit 5				
1	Fulton b/t Nassau & Broadway (East end of site)	0.019	67.0	16:00-16:10
2	Broadway b/t Fulton & John (Site Entrance)	0.020	72.6	16:11-16:21
3	Broadway 2/3 to John (South end of site)	0.027	73.7	16:22-16:32

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

Weather

64° F, Cloudy, Variable winds to 14 mph

Discussion

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

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2009

Location: Dey Street Fitout

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	Broadway b/w Cortlandt and Dey	0.024	74.9	10:40-10:50
3	Dey b/w Broadway and Church	0.028	74.7	10:29-10:39
Site Visit 2				
1	Broadway b/w Cortlandt and Dey	0.024	77.0	12:15-12:25
3	Dey b/w Broadway and Church	0.025	79.2	12:26-12:36
Site Visit 3				
1	Broadway b/w Cortlandt and Dey	0.020	76.4	14:00-14:10
3	Dey b/w Broadway and Church	0.020	73.7	14:11-14:21
Site Visit 4				
1	Broadway b/w Cortlandt and Dey	0.021	74.9	15:19-15:29
3	Dey b/w Broadway and Church	0.019	74.8	15:30-15:40
Site Visit 5				
1	Broadway b/w Cortlandt and Dey	0.010	74.2	16:33-16:43
3	Dey b/w Broadway and Church	0.007	70.6	16:44-16:54

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

Weather

64° F, Cloudy, Variable winds to 14 mph

Discussion

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

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/17/2009

Location: WTC Projects (North)

(0700, 0730, 0740, 0750, 0760,
0780, 1280, 1320, 1330)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	West & Vesey	0.044	76.7	09:46-09:56
3	West & Washington	0.049	76.3	09:57-10:57
5	PATH Entrance	0.017	71.2	10:08-10:18
7	Church & Vesey	0.112	76.0	10:19-10:29
Site Visit 2				
1	West & Vesey	0.033	77.2	10:32-10:42
3	West & Washington	0.027	76.7	10:43-10:53
5	PATH Entrance	N/A	N/A	N/A
7	Church & Vesey	N/A	N/A	N/A
Site Visit 3				
1	West & Vesey	0.041	75.2	12:50-13:00
3	West & Washington	0.021	75.7	13:01-13:11
5	PATH Entrance	0.022	71.3	13:12-13:22
7	Church & Vesey	0.038	74.9	13:23-13:33
Site Visit 4				
1	West & Vesey	0.042	75.5	14:01-14:11
3	West & Washington	0.039	74.6	14:12-14:22
5	PATH Entrance	0.026	73.5	14:23-14:33
7	Church & Vesey	0.101	73.2	14:34-14:44
Site Visit 5				
1	West & Vesey	0.028	75.2	15:49-15:59
3	West & Washington	0.022	74.2	16:00-16:10
5	PATH Entrance	0.025	72.5	16:11-16:21
7	Church & Vesey	0.042	72.9	16:22-16:32

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

Weather

RH: 50-60%; Wind: NE 8-15 mph; 60-65 degrees; overcast

Discussion

No anomalous or out-of-compliance dust or noise readings were detected at this site. No mobile monitoring was carried out at ID #5 & 7 during site visit #2 due to inclement weather.

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2009

Location: WTC Projects (South)

(0700, 0730, 0740, 0750, 0760,
0780, 1280, 1320, 1330)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
9	Trinity & Liberty	0.082	78.6	09:31-09:41
10	Liberty & Greenwich	0.091	72.9	09:42-09:52
11	Liberty b/w Washington & Greenwich	0.104	71.0	09:53-10:03
12	Liberty & Washington	0.103	72.1	10:04-10:14
Site Visit 2				
9	Trinity & Liberty	0.053	76.9	10:48-10:58
10	Liberty & Greenwich	0.070	73.0	10:59-11:09
11	Liberty b/w Washington & Greenwich	0.082	74.2	11:10-11:20
12	Liberty & Washington	0.088	71.3	11:21-11:31
Site Visit 3				
9	Trinity & Liberty	0.047	78.3	12:58-13:08
10	Liberty & Greenwich	0.056	76.5	13:09-13:19
11	Liberty b/w Washington & Greenwich	0.095	72.5	13:20-13:30
12	Liberty & Washington	0.099	77.3	13:31-13:41
Site Visit 4				
9	Trinity & Liberty	0.053	77.3	14:03-14:13
10	Liberty & Greenwich	0.065	74.1	14:14-14:24
11	Liberty b/w Washington & Greenwich	0.128	71.5	14:25-14:35
12	Liberty & Washington	0.088	70.3	14:36-14:46
Site Visit 5				
9	Trinity & Liberty	0.043	77.2	15:38-15:48
10	Liberty & Greenwich	0.062	71.5	15:49-15:59
11	Liberty b/w Washington & Greenwich	0.101	71.0	16:00-16:10
12	Liberty & Washington	0.071	71.9	16:11-16:21

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

Weather

RH: 40-50%; Wind: SW 4-8mph; 70-75 degrees; mostly sunny

Discussion

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

Tim Burns

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/21/2009

Location: 9A - Phase 2 (0020)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
3	West & Liberty (NE Corner)	0.040	72.1	09:24-09:34
7	West & Vesey (SW corner)	0.074	76.6	09:39-09:49
11	West & Murray (NE corner)	0.064	71.3	09:53-10:03
14	West & Warren	0.044	70.3	10:05-10:15
Site Visit 2				
3	West & Liberty (NE Corner)	0.039	71.5	10:48-10:58
7	West & Vesey (SW corner)	0.027	74.6	11:02-11:12
11	West & Murray (NE corner)	0.037	72.2	11:16-11:26
14	West & Warren	0.041	71.3	11:28-11:38
Site Visit 3				
3	West & Liberty (NE Corner)	0.017	71.1	12:58-13:08
7	West & Vesey (SW corner)	0.030	79.2	13:13-13:23
11	West & Murray (NE corner)	0.028	71.5	13:27-13:37
14	West & Warren	0.016	75.8	13:39-13:49
Site Visit 4				
3	West & Liberty (NE Corner)	0.025	70.6	14:12-14:22
7	West & Vesey (SW corner)	0.033	79.1	14:27-14:37
11	West & Murray (NE corner)	0.020	71.8	14:40-14:50
14	West & Warren	0.028	71.3	14:52-15:02
Site Visit 5				
3	West & Liberty (NE Corner)	0.023	72.5	15:56-16:06
7	West & Vesey (SW corner)	0.013	70.7	16:11-16:21
11	West & Murray (NE corner)	0.009	69.4	16:25-16:35
14	West & Warren	0.008	70.1	16:37-16:47

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

Weather

RH: 50-55%; Wind: SE, 5-7 mph; 70-75 degrees; sunny

Discussion

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

Tim Burns

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/22/2009

Location: BPC Site 23 & 24
(0490, 2990)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 μ m) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	Murray & North End	0.028	76.1	09:39-09:49
2	North End b/w Murray & Warren	0.032	77.4	09:50-10:00
3	Warren and North End Ave.	0.044	81.3	10:01-10:11
4	Warren b/w North End and West St.	0.007	73.4	10:12-10:22
Site Visit 2				
1	Murray & North End	0.002	77.3	10:45-10:55
2	North End b/w Murray & Warren	0.016	77.6	10:56-11:06
3	Warren and North End Ave.	0.015	79.6	11:07-11:17
4	Warren b/w North End and West St.	0.010	75.2	11:18-11:28
Site Visit 3				
1	Murray & North End	0.009	79.3	13:03-13:13
2	North End b/w Murray & Warren	0.010	83.1	13:14-13:24
3	Warren and North End Ave.	0.008	80.5	13:25-13:35
4	Warren b/w North End and West St.	0.042	79.1	13:36-13:46
Site Visit 4				
1	Murray & North End	0.003	74.3	14:10-14:20
2	North End b/w Murray & Warren	0.007	76.7	14:21-14:31
3	Warren and North End Ave.	0.011	75.9	14:32-14:42
4	Warren b/w North End and West St.	0.019	71.5	14:43-14:53
Site Visit 5				
1	Murray & North End	0.017	69.8	16:03-16:13
2	North End b/w Murray & Warren	0.034	74.1	16:14-16:24
3	Warren and North End Ave.	0.042	70.2	16:25-16:35
4	Warren b/w North End and West St.	0.011	69.2	16:36-16:46

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

Weather

RH: 55-60%; Wind: SE, 4-6mph; 71-74 degrees; cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2009

Location: 123 Washington St.
(1120)

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1 (9:45AM to 10:29AM)				
1	Greenwich & Albany	0.036	78.4	0946-0956
2	Washington & Albany	0.025	73.7	1019-1029
3	Washington b/t Albany & Carlisle	0.028	71.4	1008-1018
4	Carlisle b/w Washington and Greenwich	0.008	72.4	0957-1007
Site Visit 2 (11:33AM to 12:16PM)				
1	Greenwich & Albany	0.044	70.3	1155-1205
2	Washington & Albany	0.035	71.2	1144-1154
3	Washington b/t Albany & Carlisle	0.036	70.7	1133-1143
4	Carlisle b/w Washington and Greenwich	0.013	72.7	1206-1216
Site Visit 3 (12:39PM to 1:22PM)				
1	Greenwich & Albany	0.052	80.4	1312-1322
2	Washington & Albany	0.034	76.1	1301-1311
3	Washington b/t Albany & Carlisle	0.030	72.9	1250-1300
4	Carlisle b/w Washington and Greenwich	0.029	73.0	1239-1249
Site Visit 4 (2:32PM to 3:15PM)				
1	Greenwich & Albany	0.028	70.1	1454-1504
2	Washington & Albany	0.012	73.4	1443-1453
3	Washington b/t Albany & Carlisle	0.014	71.3	1432-1442
4	Carlisle b/w Washington and Greenwich	0.002	69.4	1505-1515
Site Visit 5 (4:00PM to 4:43PM)				
1	Greenwich & Albany	0.019	84.1	1633-1643
2	Washington & Albany	0.023	77.4	1622-1632
3	Washington b/t Albany & Carlisle	0.01	73.5	1611-1621
4	Carlisle b/w Washington and Greenwich	0.074	73.5	1600-1610

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 67-79°F, Sunny with cloudy periods and light winds.

Discussion

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

Evan Brown
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/24/2009

Location: 6020
Fulton Street

Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
Site Visit 1				
1	Fulton b/w Dutch and William Street	0.044	78.0	10:05 - 10:15
2	Fulton b/w William and Gold Street	0.064	72.8	10:15 - 10:25
3	Fulton b/w Gold and Ryders Alley	0.057	73.4	10:25 - 10:35
Site Visit 2				
1	Fulton b/w Dutch and William Street	0.045	77.7	10:37 - 10:47
2	Fulton b/w William and Gold Street	0.048	78.4	10:47 - 10:57
3	Fulton b/w Gold and Ryders Alley	0.054	78.1	10:57 - 11:07
Site Visit 3				
1	Fulton b/w Dutch and William Street	0.052	75.6	13:45 - 13:55
2	Fulton b/w William and Gold Street	0.074	77.1	13:55 - 14:05
3	Fulton b/w Gold and Ryders Alley	0.061	78.2	14:05 - 14:15
Site Visit 4				
1	Fulton b/w Dutch and William Street	0.052	78.6	14:25 - 14:35
2	Fulton b/w William and Gold Street	0.051	78.4	14:35 - 14:45
3	Fulton b/w Gold and Ryders Alley	0.066	80.3	14:45 - 14:55
Site Visit 5 (After Work Hours)				
1	Fulton b/w Dutch and William Street	0.039	73.6	16:25 - 16:35
2	Fulton b/w William and Gold Street	0.046	79.4	16:35 - 16:45
3	Fulton b/w Gold and Ryders Alley	0.040	73.5	16:45 - 16:55

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

Temp: High 70's°F, Windy, Partly cloudy

Discussion

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

Venkat Balasubramanian
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: NYCDOT/DDC Street Projects
Beekman > William
(0320)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Beekman & Gold	0.048	67.6	09:56
2	Beekman b/t William & Gold	0.039	66.9	09:57
3	Beekman & Nassau	0.045	66.8	09:58
4	Beekman b/w Nassau and Park Row	0.057	70.4	10:00

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: NYCDOT/DDC
Liberty Street
Reconstruction (0370)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Liberty & William	0.052	70.2	09:29
2	Liberty b/w William & Gold	0.057	69.8	09:31
3	Liberty & Gold	0.093	69.4	09:33
4	Maiden b/w Gold & Pearl	0.090	71.3	09:35
5	Maiden & Pearl	0.096	75.6	09:37
6	Maiden b/w Pearl & Water	0.064	87.6	09:39

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

An elevated noise reading was recorded at ID # 6. The elevated noise level was attributed to the operation of a pneumatic hammer in close proximity to the pedestrian walkway.

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: 189 Broadway - CATEX
(0610)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Dey b/w Broadway & Church	0.038	73.1	10:56
2	Broadway & Dey	0.043	73.6	10:57
3	Broadway b/w Dey & Cortlandt	0.045	70.9	10:58

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: Fulton St. Transit Center
(0620)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Fulton b/w Broadway Nassau(Edge of Site)	0.044	72.0	10:43
2	Fulton b/w Broadway Nassau	0.035	72.3	10:45
3	Broadway & Fulton	0.047	74.0	10:47
4	Broadway b/t Fulton & John (Site Entrance)	0.064	75.2	10:49
5	Broadway 2/3 to John (South end of site)	0.067	72.8	10:51
6	Broadway & John	0.051	71.3	10:53
7	John outside Fulton St Subway Station Exit	0.033	77.3	10:55

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: Beekman Tower (0840)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Beekman & Nassau (10 yards in)	0.059	70.1	10:02
2	Beekman b/t William & Nassau	0.062	70.3	10:04
3	Beekman & William	0.073	69.3	10:06
4	Walkway b/w Spruce & Beekman	0.075	69.8	10:08
5	Spruce & William	0.081	70.1	10:10
6	Spruce b/w William & Nassau	0.080	73.4	10:12
7	Spruce & Nassau (10 yards in)	0.077	74.6	10:14

Data acquired using a personal DataRAM model pDR-1000AN designed to measure airborne particulate matter and using the Quest Noisepro Dosimeter designed to measure sound level

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: Delury Square (1930)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Fulton & Cliff Street	0.058	70.1	10:31
2	Fulton & Ryders Alley	0.064	64.7	10:33
3	Fulton & Gold	0.041	64.6	10:35
4	Gold & Anne	0.039	70.2	10:37
5	In front of Burger King	0.044	69.3	10:39

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: Burling Slip Park (1960)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	John & Front Streets	0.055	70.4	n/a
2	John b/w Front & South Streets	0.060	69.7	n/a
3	John & South Streets	0.061	71.7	n/a
3	Liberty & Gold	0.064	70.1	n/a
4	Maiden b/w Gold & Pearl	0.070	70.1	n/a
6	John & Front Streets	0.073	70.3	n/a

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: 67 Liberty St
(5460)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Liberty(West end of site)	0.052	68.3	09:24
2	Liberty(East end of Site)	0.050	68.7	09:26

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: 40 Gold Street
(5480)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	40 Gold Street	0.065	71.9	10:27
2	Back of 40 Gold Street	0.070	72.3	10:29

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: Fulton St Recons. Proj.
(6020)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Fulton b/w Church and Broadway	0.072	74.7	10:18
2	Fulton b/w Broadway Nassau	0.056	69.3	10:19
3	Fulton and Dutch St	0.047	70.5	10:20
4	Fulton & William	0.055	72.6	10:21
5	Fulton b/w William and Gold St	0.061	70.4	10:22
6	Fulton and Gold	0.081	69.8	10:23
7	John Delury Sr. Plaza	0.066	71.0	10:24
8	Fulton b/w Ryders Alley and Cliff St	0.054	71.3	10:25

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/28/2009

Location: 155 Water Street
(6170)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Fletcher b/w Water & Front	0.061	71.4	09:45
2	Fletcher & Water	0.070	71.1	09:46
3	Water b/w Fletcher & Maiden	0.102	71.3	09:47
4	Water & Maiden	0.079	68.8	09:48
5	Maiden b/w Water & Front	0.066	69.5	09:49

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

Weather

RH: 53%; Wind: S, 7 mph; 70 degrees; sunny

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: NYCDOT/DDC Street Projects
Park Pl-Church>Broadway
(0320)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Park & Broadway	0.021	67.4	15:21
2	Park b/w Broadway & Church	0.035	67.1	15:23
3	Park & Church	0.057	69.1	15:25

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: 130 Cedar (0880)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	N/A	N/A	N/A
2	Northeast corner of 130 Cedar	N/A	N/A	N/A
3	Midpoint on West side sidewalk (Washington)	N/A	N/A	N/A
4	Albany & Washington	0.037	73.6	13:24
5	Albany in front of 130 Cedar	0.050	71.9	13:26

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: 40 Broad Street (1620)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	New St (S. edge of site)	0.055	70.3	14:38
2	New St (middle of site)	0.051	71.0	14:39
3	New St (N. edge of site)	0.052	70.2	14:40
4	Broad St (N. edge of site)	0.034	69.0	14:42
5	Broad St (middle of site)	0.039	68.5	14:44
6	Broad St (S. edge of site)	0.038	69.2	14:46

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: 50 West St. (3260)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Washington (NE corner of site)	0.034	68.8	13:42
2	Washington & J.P. Ward	0.033	69.0	13:44
3	J.P. Ward b/w Washington & West	0.039	67.9	13:46
4	J.P. Ward & West	0.030	67.8	13:48
5	West (NW corner of site)	0.048	68.8	13:50

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: 8 Stone St. (5140)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Stone St. (eastern end of site)	0.024	69.6	14:27
2	Stone St. (western end of site)	0.021	69.1	14:29
3	Bridge St. (western end of site)	0.039	67.5	14:31
4	Bridge St. (eastern end of site)	0.040	69.3	14:33

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: 126 Water Street (5190)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Water St. (S. edge of site)	0.055	72.3	14:55
2	Water St. (N. edge of site)	0.05	72.6	14:57

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: 99 Washington Street
(5260)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 μ m) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Rector b/t Greenwich & Washington	0.042	70.1	13:36
2	Rector & Washington	0.046	69.4	13:38
3	Washington b/t Rector & Carlisle	0.045	69.7	13:40

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: NYSE Security Project
(5510)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	Broad(NorthWest end of site)	0.029	68.4	14:46
2	Broad(NorthEast end of site)	0.030	69.5	14:47
3	Broad(SouthEast end of site)	0.040	70.2	14:48
4	Broad(SouthWest end of site)	0.036	69.8	14:49

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009
 Location: BPCA Site 2B
55 Battery Pl.
(5530)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	2 nd Pl. b/w Promenade & Battery Pl.	0.030	71.9	13:50
2	2 nd Pl. (Middle of site)	0.037	72.4	13:52
3	2 nd Pl. & Battery Pl.	0.028	74.7	13:54
4	Battery Pl. b/w 2 nd Pl. & 1 st Pl.	0.023	74.9	13:56
5	1 st Pl. & Battery Pl.	0.028	72.1	13:58
6	1 st Pl. (Middle of site).	0.025	71.9	14:00
7	1 st Pl. b/w Promenade & Battery Pl.	0.044	71.8	14:02

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: BPCA Site 2B
Peter Minuet Plaza
(6050)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	George Dewey & South Street	0.027	65.6	14:09
2	George Dewey b/w State & South	0.019	65.9	14:11
3	State & Peter Minuet Plaza	0.025	69.4	14:13
4	State b/w Peter Minuet & Whitehall	0.023	67.6	14:15
5	State & Whitehall	0.030	68.4	14:17
6	Midpoint on Ferry entrance walkway	0.034	68.0	14:19
7	Ferry entrance	0.041	68.2	14:21

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/29/2009

Location: Park Projects (6080)

Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10µm) and noise mobile monitoring was conducted at the above 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 dust and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: Dust and Noise Monitoring Results

Monitoring ID Number	Locations	Respirable Dust (mg/m ³)	Noise (dB)	Time
1	North edge of Site	0.064	74.9	15:02
2	Middle of Site	0.059	75.5	15:04
3	South edge of site	0.081	77.3	15:06

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

Weather

RH: 48%; Wind: SW, 6-10 mph; 65 degrees; mostly cloudy

Discussion

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

Tim Burns
BEM Systems, Inc.

