



# MOBILE MONITORING REPORT

Date: 12/1/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Broadway Nassau(Edge of Site)	0.054	79.3	10:04
2	Fulton b/w Broadway Nassau	0.031	82.7	10:06
3	Broadway & Fulton	0.020	73.4	10:08
4	Broadway b/t Fulton & John (Site Entrance)	0.044	74.7	10:10
5	Broadway 2/3 to John (South end of site)	0.028	74.3	10:12
6	Broadway & John	0.039	72.1	10:14
7	John outside Fulton St Subway Station Exit	0.029	69.8	10:16

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 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: 12/1/2009

Location: 130 Liberty Street  
Deconstruction  
(0800)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Liberty & Washington (outside gate)	0.039	72.1	09:42
2	Liberty b/t Greenwich & Washington	0.058	71.5	09:44
3	Greenwich & Liberty	0.047	71.0	09:46
4	Greenwich & Cedar	0.019	67.7	09:48
5	Greenwich & Albany	0.016	70.6	09:50
6	Albany b/t Washington & Greenwich	0.017	71.3	09:52
7	Albany & Washington	0.015	70.8	09:54

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/1/2009

Location: Liberty Street Bridge  
(0810)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.053	74.8	13:17
2	Top of Staircase	0.047	76.3	13:20
3	Middle of Walkway	0.050	79.1	13:23

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/1/2009

Location: Liberty Street Bridge  
(0810)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.024	75.4	09:33
2	Top of Staircase	0.022	76.3	09:36
3	Middle of Walkway	0.015	78.1	09:39

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/1/2009

Location: Liberty Street Bridge  
(0810)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.025	73.7	15:59
2	Top of Staircase	0.021	75.8	16:02
3	Middle of Walkway	0.015	74.1	16:04

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/1/2009

Location: 130 Cedar (0880)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	0.044	72.3	13:30
2	Northeast corner of 130 Cedar	0.041	74.8	13:32
3	Midpoint on West side sidewalk (Washington)	0.032	71.5	13:34
4	Albany & Washington	0.019	70.3	13:36
5	Albany in front of 130 Cedar	0.037	70.7	13:38

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 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: 12/1/2009

Location: 123 Washington St.  
(1120)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	NE Corner of Site	0.051	73.1	13:42
2	Middle of Site along Albany	0.037	74.3	13:44
3	Washington & Albany	0.041	72.1	13:46
4	Washington b/t Albany & Carlisle	0.021	70.1	13:48
5	Carlisle & Washington	0.025	69.7	13:50

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 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: 12/1/2009

Location: 50 West St. (3260)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Washington (NE corner of site)	0.021	69.1	14:04
2	Washington & J.P. Ward	0.027	69.5	14:06
3	J.P. Ward b/w Washington & West	0.019	69.4	14:08
4	J.P. Ward & West	0.018	70.3	14:10
5	West (NW corner of site)	0.030	71.1	14:12

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 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: 12/1/2009

Location: 99 Washington Street  
(5260)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Rector b/t Greenwich & Washington	0.022	68.3	13:56
2	Rector & Washington	0.017	67.3	13:58
3	Washington b/t Rector & Carlisle	0.180	67.1	14:00

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 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: 12/1/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	2 <sup>nd</sup> Pl. b/w Promenade & Battery Pl.	0.029	71.9	14:16
2	2 <sup>nd</sup> Pl. (Middle of site)	0.024	73.6	14:18
3	2 <sup>nd</sup> Pl. & Battery Pl.	0.019	74.5	14:20
4	Battery Pl. b/w 2 <sup>nd</sup> Pl. & 1 <sup>st</sup> Pl.	0.021	72.7	14:22
5	1 <sup>st</sup> Pl. & Battery Pl.	0.042	70.9	14:24
6	1 <sup>st</sup> Pl. (Middle of site).	0.033	71.4	14:26
7	1 <sup>st</sup> Pl. b/w Promenade & Battery Pl.	0.026	69.8	14:28

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

## Weather

RH: 47%; Wind: W 10 mph; 45-47 degrees; sunny

## Discussion

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

*Jim Burns*

BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/7/2009

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.

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 <sup>3</sup> )	Noise (dB)	Time
1	9A(East) & JP Ward	0.039	74.1	09:46
2	9A(East) b/t JP Ward and Rector	0.046	73.6	09:48
3	9A(East) & Rector	0.038	73.0	09:50
4	9A(East) & Carlisle	0.035	72.9	09:52
5	9A & Albany(NE Corner)	0.058	76.7	09:54
6	9A b/t Albany and Liberty	0.063	78.3	09:56
7	9A(West) & Albany	0.050	71.5	10:00
8	9A(West) b/t Carlisle and Rector	0.057	73.5	10:02
9	9A(West) & Rector	0.071	74.2	10:04
10	9A(West) & JP Ward	0.066	76.1	10:06
11	West & Vesey (NE Corner)	0.039	74.9	10:14
12	West b/t Vesey & Murray	0.044	71.3	10:16
13	West & Murray (SE corner)	0.047	70.0	10:18
14	West & Murray (NE corner)	0.038	69.2	10:20
15	Mid. West b/t Murray & Warren	0.032	69.5	10:22
16	West & Warren (SE corner)	0.029	68.7	10:24
17	West & Chambers	0.034	68.3	10:26

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

## Weather

RH: 52%; Wind: SW 5-6mph; 39 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: 12/7/2009

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	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Beekman & Gold	0.073	68.9	14:30
2	Beekman b/t William & Gold	0.070	67.3	14:32
3	Beekman & Nassau	0.105	75.3	14:34
4	Beekman b/w Nassau and Park Row	0.091	74.2	14:36

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/7/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	North End b/w Murray & Warren	0.081	74.4	10:48
2	Warren and North End Ave.	0.066	68.7	10:50
3	Warren b/t North End and West St.	0.073	71.9	10:52

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

## Weather

RH: 52%; Wind: SW 5-6mph; 39 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: 12/7/2009

Location: 189 Broadway - CATEX  
(0590)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Dey b/w Broadway & Church	0.085	71.1	15:10
2	Broadway & Dey	0.073	71.8	15:12
3	Broadway b/w Dey & Cortlandt	0.070	69.4	15:14

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/7/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Broadway Nassau(Edge of Site)	0.077	70.2	14:56
2	Fulton b/w Broadway Nassau	0.080	69.0	14:58
3	Broadway & Fulton	0.082	71.5	15:00
4	Broadway b/t Fulton & John (Site Entrance)	0.110	76.4	15:02
5	Broadway 2/3 to John (South end of site)	0.129	72.9	15:04
6	Broadway & John	0.107	72.4	15:06
7	John outside Fulton St Subway Station Exit	0.081	71.6	15:08

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/7/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Beekman & Nassau (10 yards in)	0.076	69.8	14:38
2	Beekman b/t William & Nassau	0.063	66.9	14:40
3	Beekman & William	0.084	68.3	14:42
4	Walkway b/w Spruce & Beekman	0.071	70.5	14:44
5	Spruce & William	0.081	73.1	14:46
6	Spruce b/w William & Nassau	0.075	72.6	14:48
7	Spruce & Nassau (10 yards in)	0.089	70.9	14:50

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/7/2009

Location: Delury Square (1930)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton & Cliff Street	0.069	70.3	13:50
2	Fulton & Ryders Alley	0.085	71.5	13:52
3	Fulton & Gold	0.081	69.8	13:54
4	Gold & Anne	0.077	69.5	13:56
5	In front of Burger King	0.071	70.1	13:58

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/7/2009

Location: Washington Market  
Park (2000)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	SE corner of site	0.043	69.5	10:55
2	SW corner of Site	0.047	70.1	10:56
3	NE corner of site	0.041	69.2	10:57
4	NW corner of site	0.039	69.3	10:58

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

## Weather

RH: 52%; Wind: SW 5-6mph; 39 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: 12/7/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Murray b/t North End Ave. & split	0.068	72.3	10:42
2	Murray and North End Ave.	0.066	74.3	10:44
3	North End b/w Murray & Warren	0.075	75.4	10:46

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

## Weather

RH: 52%; Wind: SW 5-6mph; 39 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: 12/7/2009

Location: 40 Gold Street  
(5480)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	40 Gold Street	0.059	73.9	14:00
2	Behind 40 Gold Street	0.055	74.8	14:02

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/7/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Church and Broadway	0.059	73.1	13:45

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/7/2009

Location: BPCA Vesey Street  
Restoration (6220)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Vesey and 9A	0.069	74.3	10:32
2	Vesey between 9A and middle of site	0.086	73.0	10:34
3	Vesey between 9A and North End	0.055	72.7	10:36
4	Vesey between North End and middle of site	0.049	71.9	10:38
5	Vesey and North End	0.062	73.2	10:40

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

## Weather

RH: 52%; Wind: SW 5-6mph; 39 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: 12/7/2009

Location: 276 Water Street  
(6230)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Frankfort b/w Water and Dover	0.048	68.2	14:10
2	Frankfort and Water	0.055	67.9	14:12
3	Water b/w Frankfort and Peck Slip	0.054	67.8	14:14

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

## Weather

RH: 55%; Wind: SW 5-6mph; 38 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: 12/11/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-Church>Broadway  
(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 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 <sup>3</sup> )	Noise (dB)	Time
1	Park & Broadway	0.031	73.1	11:06
2	Park b/w Broadway & Church	0.074	74.5	11:08
3	Park & Church	0.018	70.2	11:10

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 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: 12/11/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Maiden b/w Gold & William	0.051	68.3	13:15
2	Maiden & William	0.047	68.6	13:17
3	Liberty & William	0.053	68.0	13:19
4	Liberty b/w William & Gold	0.037	68.1	13:21
5	Liberty & Gold	0.048	67.7	13:23
6	Maiden b/w Gold & Pearl	0.027	67.1	13:25
7	Maiden & Pearl	0.036	67.3	13:27
8	Maiden b/w Pearl & Water	0.019	67.0	13:29

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 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: 12/11/2009

Location: 130 Liberty Street  
Deconstruction  
(0800)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Liberty & Washington (outside gate)	0.066	73.1	14:36
2	Liberty b/t Greenwich & Washington	0.073	72.5	14:38
3	Greenwich & Liberty	0.049	72.0	14:40
4	Greenwich & Cedar	0.042	70.5	14:42
5	Greenwich & Albany	0.045	73.2	14:44
6	Albany b/t Washington & Greenwich	0.037	72.9	14:46
7	Albany & Washington	0.031	75.9	14:48

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/11/2009

Location: Liberty Street Bridge  
(0810)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.058	76.3	10:30
2	Top of Staircase	0.089	78.3	10:33
3	Middle of Walkway	0.078	78.9	10:36

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/11/2009

Location: Liberty Street Bridge  
(0810)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.047	74.2	14:30
2	Top of Staircase	0.041	75.1	14:32
3	Middle of Walkway	0.066	74.8	14:34

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/11/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	West Broadway & Park Place	0.014	69.3	10:46
2	Park Place b/t West Broadway & Greenwich	0.023	68.6	10:48
3	Park Place & Greenwich	0.016	66.8	10:50
4	Greenwich b/t Barclay & Park Place	0.014	67.3	10:52
5	Barclay & Greenwich	0.012	67.9	10:54
6	Barclay b/w Greenwich & West Broadway	0.019	68.1	10:56
7	Barclay & West Broadway	0.022	69.3	10:58
8	West Broadway b/t Barclay & Park Place	0.020	69.9	11:00

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 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: 12/11/2009

Location: 40 Broad Street (1620)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	New St (S. edge of site)	0.029	69.3	13:37
2	New St (middle of site)	0.017	68.9	13:39
3	New St (N. edge of site)	0.025	69.0	13:41
4	Broad St (N. edge of site)	0.036	72.3	13:43
5	Broad St (middle of site)	0.041	72.9	13:45
6	Broad St (S. edge of site)	0.044	73.5	13:47

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 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: 12/11/2009

Location: 8 Stone St. (5140)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Stone St. (eastern end of site)	0.029	71.3	13:53
2	Stone St. (western end of site)	0.025	70.5	13:55
3	Bridge St. (western end of site)	0.041	68.3	13:57
4	Bridge St. (eastern end of site)	0.036	68.1	13:59

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 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: 12/11/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Liberty(West end of site)	0.027	68.3	13:06
2	Liberty(East end of Site)	0.019	68.0	13:08

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

## Weather

RH: 25%; Wind: W 12-16 mph; 27 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: 12/21/2009

Location: NYCDOT/DDC  
Liberty Street  
Reconstruction(0370)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Maiden b/w Gold & William	0.025	65.9	09:50
2	Maiden & William	0.021	66.5	09:52
3	Liberty & William	0.016	70.1	09:54
4	Liberty b/w William & Gold	0.020	69.1	09:56
5	Liberty & Gold	0.019	68.4	09:58
6	Maiden & Gold	0.014	66.0	10:00
7	Maiden & Pearl	0.015	67.9	10:02
8	Maiden b/w Pearl & Water	0.018	68.1	10:04

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

## Weather

RH: 51%; Wind: NW 6-9 mph; 36 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: 12/21/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	John & Front Streets	0.020	68.3	10:34
2	John b/w Front & South Streets	0.032	69.1	10:36
3	John & South Streets	0.028	67.4	10:38
3	Liberty & Gold	0.016	69.7	10:34
4	Maiden b/w Gold & Pearl	0.017	66.5	10:38
6	John & Front Streets	0.018	66.1	10:40

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

## Weather

RH: 51%; Wind: NW 6-9 mph; 36 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: 12/21/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Water St. (S. edge of site)	0.031	68.4	10:10
2	Water St. (N. edge of site)	0.026	68.8	10:12

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

## Weather

RH: 51%; Wind: NW 6-9 mph; 36 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: 12/21/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Liberty(West end of site)	0.027	71.8	09:45
2	Liberty(East end of Site)	0.021	72.6	09:47

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

## Weather

RH: 51%: Wind: NW 6-9 mph; 36 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: 12/21/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	North edge of Site	0.033	67.2	10:20
2	Middle of Site	0.020	68.0	10:24
3	South edge of site	0.024	67.5	10:28

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

## Weather

RH: 51%; Wind: NW 6-9 mph; 36 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: 12/21/2009  
 Location: WTC Projects  
 (0700, 0730, 0740, 0750,  
 0760, 0780, 1280, 1320,  
 1330)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	West & Vesey	0.006	75.5	13:58
2	Vesey & Washington	0.009	73.6	14:00
3	PATH Entrance	0.016	70.2	14:02
4	Vesey b/w W. Broadway and Church	0.026	70.7	14:04
5	Church & Vesey	0.022	69.1	14:06
6	Church & Fulton	0.023	69.6	14:08
7	Church & Dey	0.011	71.4	14:10
8	Church & Cortlandt	0.008	70.2	14:12
9	Trinity & Liberty	0.005	70.4	14:14
10	Liberty & greenwich	0.019	73.5	14:16
11	Liberty b/w Washington & Greenwich	0.014	70.7	14:18
12	Liberty & washington	0.015	71.1	14:20
13	Liberty b/w West & Washington	0.016	71.6	14:22

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

## Weather

RH: 48%; Wind: NW 9-11 mph; 38 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: 12/21/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-Church>Broadway  
(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 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 <sup>3</sup> )	Noise (dB)	Time
1	Park & Broadway	0.010	70.3	13:28
2	Park b/w Broadway & Church	0.017	71.9	13:30
3	Park & Church	0.015	68.8	13:32

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

## Weather

RH: 48%; Wind: NW 9-11 mph; 38 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: 12/21/2009

Location: Liberty Street Bridge  
(0810)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.011	74.9	14:24
2	Top of Staircase	0.036	80.2	14:26
3	Middle of Walkway	0.027	78.6	14:28

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

## Weather

RH: 48%; Wind: NW 9-11 mph; 38 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/21/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	West Broadway & Park Place	0.020	69.1	13:38
2	Park Place b/t West Broadway & Greenwich	0.012	69.8	13:40
3	Park Place & Greenwich	0.016	76.2	13:42
4	Greenwich b/t Barclay & Park Place	0.022	75.1	13:44
5	Barclay & Greenwich	0.011	73.2	13:46
6	Barclay b/w Greenwich & West Broadway	0.019	69.5	13:48
7	Barclay & West Broadway	0.016	68.7	13:50
8	West Broadway b/t Barclay & Park Place	0.021	70.3	13:52

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

## Weather

RH: 48%; Wind: NW 9-11 mph; 38 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: 12/22/2009

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	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Beekman & Gold	0.022	67.3	14:04
2	Beekman b/t William & Gold	0.019	67.9	14:06
3	Beekman & Nassau	0.031	72.3	14:08
4	Beekman b/w Nassau and Park Row	0.034	70.1	14:10

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

## Weather

RH: 45%; Wind: NW 8-12 mph; 37 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: 12/22/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-Church>Broadway  
(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 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 <sup>3</sup> )	Noise (dB)	Time
1	Park & Broadway	0.033	67.5	14:12
2	Park b/w Broadway & Church	0.039	65.8	14:14
3	Park & Church	0.024	66.1	14:18

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

## Weather

RH: 45%; Wind: NW 8-12 mph; 37 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: 12/22/2009

Location: Fulton St. Transit  
Center (0620)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Broadway Nassau(Edge of Site)	0.040	73.9	13:46
2	Fulton b/w Broadway Nassau	0.027	72.2	13:48
3	Broadway & Fulton	0.022	71.0	13:50
4	Broadway b/t Fulton & John (Site Entrance)	0.045	76.3	13:52
5	Broadway 2/3 to John (South end of site)	0.041	71.6	13:54
6	Broadway & John	0.024	72.7	13:56
7	John outside Fulton St Subway Station Exit	0.081	71.9	13:58

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

## Weather

RH: 45%; Wind: NW 8-12 mph; 37 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: 12/22/2009

Location: 40 Broad Street (1620)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	New St (S. edge of site)	0.014	68.1	10:40
2	New St (middle of site)	0.017	67.6	10:42
3	New St (N. edge of site)	0.010	67.9	10:46
4	Broad St (N. edge of site)	0.021	70.7	10:48
5	Broad St (middle of site)	0.046	76.1	10:50
6	Broad St (S. edge of site)	0.021	71.0	10:52

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

## Weather

RH: 45%; Wind: NW 4-8 mph; 38 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: 12/22/2009

Location: 75 Wall Street  
(3240)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Pearl b/w William & Wall	0.023	69.3	11:00
2	Middle of site	0.035	72.1	11:03
3	Wall & Pearl	0.019	68.7	11:06

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

## Weather

RH: 45%; Wind: NW 4-8 mph; 38 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: 12/22/2009

Location: 8 Stone St. (5140)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Stone St. (eastern end of site)	0.016	66.8	10:32
2	Stone St. (western end of site)	0.019	67.3	10:34
3	Bridge St. (western end of site)	0.024	67.9	10:26
4	Bridge St. (eastern end of site)	0.030	68.5	10:28

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

## Weather

RH: 45%; Wind: NW 4-8 mph; 38 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: 12/22/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	George Dewey & South Street	0.011	63.4	10:04
2	George Dewey b/w State & South	0.016	66.3	10:06
3	State & Peter Minuet Plaza	0.020	68.7	10:08
4	State b/w Peter Minuet & Whitehall	0.024	67.3	10:10
5	State & Whitehall	0.014	65.7	10:12
6	Midpoint on Ferry entrance walkway	0.022	67.8	10:14
7	Ferry entrance	0.029	69.3	10:16
8	Whitehall & State	0.015	66.3	10:18
9	Whitehall b/w South & State	0.017	65.1	10:20

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

## Weather

RH: 45%; Wind: NW 4-8 mph; 38 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: 12/22/2009

Location: 4/5 Station Rehab  
Dey St Headhouse(6100)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Dey b/w Broadway & Church	0.022	71.2	13:38
2	Broadway & Dey	0.038	72.5	13:40
3	Broadway b/w Dey & Cortlandt	0.019	69.1	13:42

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

## Weather

RH: 45%; Wind: NW 8-12 mph; 37 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: 12/22/2009

Location: 77 Reade Street  
(6250)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Reade (Site Entrance)	0.071	79.6	14:23
2	Chambers (Back of Site)	0.056	77.4	14:28

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

## Weather

RH: 45%; Wind: NW 8-12 mph; 37 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: 12/17/2009  
 Location: WTC Projects  
 (0700, 0730, 0740, 0750,  
 0760, 0780, 1280, 1320,  
 1330)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	West & Vesey	0.038	79.2	14:40
2	Vesey & Washington	0.057	76.7	14:42
3	PATH Entrance	0.016	68.0	14:44
4	Vesey b/w W. Broadway and Church	0.023	71.9	14:46
5	Church & Vesey	0.025	77.7	14:48
6	Church & Fulton	0.014	73.5	14:50
7	Church & Dey	0.023	74.2	14:52
8	Church & Cortladt	0.011	72.6	14:54
9	Trinity & Liberty	0.013	72.0	14:56
10	Liberty & greenwich	0.015	73.4	14:58
11	Liberty b/w Washington & Greenwich	0.037	72.1	15:00
12	Liberty & washington	0.032	75.2	15:02
13	Liberty b/w West & Washington	0.091	76.4	15:04

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 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: 12/17/2009

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.

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 <sup>3</sup> )	Noise (dB)	Time
1	9A(East) & JP Ward	0.059	71.3	10:09
2	9A(East) b/t JP Ward and Rector	0.030	69.5	10:11
3	9A(East) & Rector	0.052	70.5	10:13
4	9A(East) & Carlisle	0.045	68.7	10:15
5	9A & Albany(NE Corner)	0.031	68.5	10:17
6	9A b/t Albany and Liberty	0.027	70.1	10:19
7	9A(West) & Albany	0.019	67.4	10:21
8	9A(West) b/t Carlisle and Rector	0.033	69.0	10:23
9	9A(West) & Rector	0.015	66.8	10:25
10	9A(West) & JP Ward	0.061	70.3	10:27
11	West & Vesey (NE Corner)	0.035	74.5	10:29
12	West & Warren (NW Corner)	0.031	70.1	10:31
13	West & Chambers (NW Corner)	0.027	68.3	10:33

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 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: 12/17/2009

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.

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 <sup>3</sup> )	Noise (dB)	Time
1	9A(East) & JP Ward	0.006	71.3	14:08
2	9A(East) b/t JP Ward and Rector	0.010	69.5	14:10
3	9A(East) & Rector	0.015	70.5	14:12
4	9A(East) & Carlisle	0.012	68.7	14:14
5	9A & Albany(NE Corner)	0.010	68.5	14:16
6	9A b/t Albany and Liberty	0.023	70.1	14:18
7	9A(West) & Albany	0.019	67.4	14:20
8	9A(West) b/t Carlisle and Rector	0.022	69.0	14:22
9	9A(West) & Rector	0.015	66.8	14:24
10	9A(West) & JP Ward	0.026	70.3	14:26
11	West & Vesey (NE Corner)	0.031	74.5	14:28
16	West & Warren (NW Corner)	N/A	N/A	N/A
17	West & Chambers (NW Corner)	N/A	N/A	N/A

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 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: 12/17/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	North End b/w Murray & Warren	0.009	74.2	10:37
2	Warren and North End Ave.	0.015	67.1	10:39
3	Warren b/t North End and West St.	0.019	67.8	10:41

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 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: 12/17/2009

Location: Liberty Street Bridge  
(0810)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.031	73.4	10:01
2	Top of Staircase	0.037	74.9	10:03
3	Middle of Walkway	0.046	74.1	10:05

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/17/2009

Location: Liberty Street Bridge  
(0810)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.051	79.8	15:06
2	Top of Staircase	0.034	80.9	15:08
3	Middle of Walkway	0.039	78.3	15:10

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/17/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Murray b/t North End Ave. & split	0.010	72.8	10:45
2	Murray and North End Ave.	0.013	72.4	10:47
3	North End b/w Murray & Warren	0.008	71.8	10:49

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 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: 12/17/2009

Location: BPCA Vesey Street  
Restoration (6220)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Vesey and 9A	0.021	68.1	10:53
2	Vesey between 9A and middle of site	0.026	68.9	10:55
3	Vesey between 9A and North End	0.041	86.1	10:57
4	Vesey between North End and middle of site	0.021	73.2	11:00
5	Vesey and North End	0.019	67.6	11:02

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 degrees; sunny

## Discussion

An elevated noise level was recorded at ID#3. The elevated noise level was caused by pavement cutting activities on the site. LMCCC inspectors will continue to inspect this location to ensure that noise levels do not remain elevated.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/17/2009

Location: BPCA Vesey Street  
Restoration (6220)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Vesey and 9A	0.016	68.9	14:34
2	Vesey between 9A and middle of site	0.013	67.3	14:35
3	Vesey between 9A and North End	0.020	67.9	14:36
4	Vesey between North End and middle of site	0.017	68.2	14:37
5	Vesey and North End	0.009	67.0	14:38

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

## Weather

RH: 30-35%; Wind: NW 6-12 mph; 28 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: 12/18/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-Church>Broadway  
(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 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 <sup>3</sup> )	Noise (dB)	Time
1	Park & Broadway	0.063	66.3	14:12
2	Park b/w Broadway & Church	0.479	70.7	14:14
3	Park & Church	0.042	70.1	14:20

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

## Weather

RH: 25-30%; Wind: N 7 mph; 30 degrees; sunny

## Discussion

An elevated dust level was recorded at ID#2. The dust emissions were attributed to the removal of dirt and debris from the construction site. LMCCC inspectors spoke with construction personnel to ensure that dust control methods were being used.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/18/2009

Location: NYCDOT/DDC  
(0430)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Leonard & West Broadway	0.081	83.2	10:14
2	Hudson & Harrison	0.016	71.4	10:18
3	Harrison b/w Greenwich & Hudson	0.019	68.9	10:20
4	Greenwich & Harrison	0.011	68.1	10:22

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

## Weather

RH: 30-38%; Wind: N 7 mph; 24 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: 12/18/2009

Location: NYCDOT/DDC  
(0430)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Greenwich & Watts	0.011	67.9	10:26
2	Greenwich & Desbrosses	0.009	67.3	10:28
3	Greenwich & Vestry	0.008	66.1	10:30
4	Greenwich & Laight	0.013	68.5	10:32
5	Greenwich & Hubert	0.020	73.0	10:34

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

## Weather

RH: 30-38%; Wind: N 7 mph; 24 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: 12/18/2009

Location: 189 Broadway - CATEX  
(0590)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Dey b/w Broadway & Church	0.034	70.2	13:48
2	Broadway & Dey	0.030	71.8	13:50
3	Broadway b/w Dey & Cortlandt	0.038	69.3	13:52

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

## Weather

RH: 25-30%; Wind: N 7 mph; 30 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: 12/18/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Broadway Nassau(Edge of Site)	0.091	83.8	13:56
2	Fulton b/w Broadway Nassau	0.012	72.5	13:58
3	Broadway & Fulton	0.032	74.4	14:00
4	Broadway b/t Fulton & John (Site Entrance)	0.055	75.3	14:02
5	Broadway 2/3 to John (South end of site)	0.032	76.5	14:04
6	Broadway & John	0.020	74.1	14:06
7	John outside Fulton St Subway Station Exit	0.042	70.9	14:08

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

## Weather

RH: 25-30%; Wind: N 7 mph; 30 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: 12/18/2009

Location: 130 Liberty Street  
Deconstruction  
(0800)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Liberty & Washington (outside gate)	0.094	75.4	13:28
2	Liberty b/t Greenwich & Washington	0.055	72.1	13:30
3	Greenwich & Liberty	0.051	70.3	13:32
4	Greenwich & Cedar	0.024	67.5	13:34
5	Greenwich & Albany	0.030	66.7	13:36
6	Albany b/t Washington & Greenwich	0.029	67.0	13:38
7	Albany & Washington	0.024	68.1	13:40

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

## Weather

RH: 25-30%; Wind: N 7 mph; 30 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/18/2009

Location: Liberty Street Bridge  
(0810)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.041	76.1	13:22
2	Top of Staircase	0.055	75.2	13:24
3	Middle of Walkway	0.064	78.8	13:26

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

## Weather

RH: 25-30%; Wind: N 7 mph; 30 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/18/2009

Location: 370 Canal (3870)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Canal (site entrance)	0.036	69.8	10:56
2	Lispenard (site entrance)	0.022	73.8	11:00

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

## Weather

RH: 30-38%; Wind: N 7 mph; 24 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: 12/18/2009

Location: 31 Vestry Street  
(5520)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	West End of Site	0.018	72.0	10:44
2	East end of site	0.015	71.8	10:46

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

## Weather

RH: 30-38%; Wind: N 7 mph; 24 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: 12/18/2009

Location: 52 Laight Street  
(6240)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	West end of site	0.021	68.3	10:38
2	East end of site	0.025	68.0	10:40

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

## Weather

RH: 30-38%; Wind: N 7 mph; 24 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: 12/23/2009

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.

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 <sup>3</sup> )	Noise (dB)	Time
1	9A(East) & JP Ward	0.015	75.1	13:20
2	9A(East) b/t JP Ward and Rector	0.013	71.6	13:22
3	9A(East) & Rector	0.023	69.3	13:24
4	9A(East) & Carlisle	0.021	69.9	13:26
5	9A & Albany(NE Corner)	0.015	70.6	13:28
6	9A b/t Albany and Liberty	N/A	N/A	N/A
7	9A(West) & Albany	0.025	69.8	13:34
8	9A(West) b/t Carlisle and Rector	0.014	66.5	13:36
9	9A(West) & Rector	0.012	69.7	13:38
10	9A(West) & JP Ward	0.015	69.4	13:40
11	West & Vesey (NE Corner)	N/A	N/A	N/A
12	West & Warren (NW Corner)	N/A	N/A	N/A
13	West & Chambers (NW Corner)	N/A	N/A	N/A

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

## Weather

RH: 40%; Wind: NW 12-14mph; 29 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: 12/23/2009

Location: Liberty Street Bridge  
(0810)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	Middle of Staircase	0.035	78.2	13:48
2	Top of Staircase	0.052	84.1	13:50
3	Middle of Walkway	0.043	83.0	13:52

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

## Weather

RH: 40%; Wind: NW 12-14mph; 29 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 12/24/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Broadway Nassau(Edge of Site)	0.014	69.3	11:02
2	Fulton b/w Broadway Nassau	0.012	72.0	11:04
3	Broadway & Fulton	0.016	72.9	11:06
4	Broadway b/t Fulton & John (Site Entrance)	0.025	74.9	11:08
5	Broadway 2/3 to John (South end of site)	0.019	74.4	11:10
6	Broadway & John	0.002	75.2	11:12
7	John outside Fulton St Subway Station Exit	0.016	71.3	11:14

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

## Weather

RH: 62%; Wind: NE 5mph; 30 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: 12/24/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	John & Front Streets	0.024	68.3	11:38
2	John b/w Front & South Streets	0.017	69.0	11:39
3	John & South Streets	0.031	70.2	11:40
3	Liberty & Gold	0.025	69.8	11:41
4	Maiden b/w Gold & Pearl	0.033	69.1	11:42
6	John & Front Streets	0.028	67.9	11:43

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

## Weather

RH: 62%; Wind: NE 5mph; 30 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: 12/24/2009

Location: 40 Gold Street  
(5480)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	40 Gold Street	0.022	72.1	11:34
2	Behind 40 Gold Street	0.036	70.9	11:36

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

## Weather

RH: 62%; Wind: NE 5mph; 30 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: 12/24/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Church and Broadway	0.015	69.2	11:22
2	Fulton b/w Nassau and Dutch	0.018	69.7	11:24
3	Fulton and Dutch St	0.017	68.2	11:26
4	Fulton & William	0.020	67.5	11:28
5	Fulton b/w William and Gold St	0.012	67.0	11:30
6	Fulton and Gold	0.010	67.9	11:32

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

## Weather

RH: 62%; Wind: NE 5mph; 30 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: 12/24/2009

Location: 4/5 Station Rehab  
Dey St Headhouse (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 <sup>3</sup> )	Noise (dB)	Time
1	Dey b/w Broadway & Church	0.016	70.1	11:14
2	Broadway & Dey	0.015	70.6	11:16
3	Broadway b/w Dey & Cortlandt	0.019	71.1	11:18

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

## Weather

RH: 62%; Wind: NE 5mph; 30 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: 12/29/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	North End b/w Murray & Warren	0.029	71.1	10:33
2	Warren and North End Ave.	0.034	68.5	10:34
3	Warren b/t North End and West St.	0.022	67.8	10:35

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

## Weather

RH: 30-35%; Wind: NW 15-23 mph; 23 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: 12/29/2009

Location: BPC Site 16/17 (0520)

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ 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 <sup>3</sup> )	Noise (dB)	Time
1	North End & Murray	0.016	75.3	10:40
2	Murray b/t North End & river Terrace	0.022	74.7	10:41
3	Murray & River Terrace	0.021	75.9	10:42

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

## Weather

RH: 30-35%; Wind: NW 25 mph; 23 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: 12/29/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	West & Vesey	0.035	71.5	10:22
2	Vesey, midway b/t gates	0.026	70.9	10:23
3	Wvesey, SW corner of site	0.015	69.8	10:24
4	Midway on Westside of site b/t Murray & Vesey	0.013	69.1	10:25
5	Murray, NW corner of site	0.017	72.3	10:26
6	Murray at gate mid-way	N/A	N/A	N/A
7	West & Murray	N/A	N/A	N/A
8	Barclay & West	N/A	N/A	N/A

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

## Weather

RH: 30-35%; Wind: NW 15-23 mph; 23 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: 12/29/2009

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 <sup>3</sup> )	Noise (dB)	Time
1	Murray b/t North End Ave. & split	0.017	67.9	10:29
2	Murray and North End Ave.	0.024	71.0	10:30
3	North End b/w Murray & Warren	0.027	70.5	10:31

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

## Weather

RH: 30-35%; Wind: NW 15-23 mph; 23 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: 12/29/2009

Location: BPCA Vesey Street  
Restoration (6220)

## 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 <sup>3</sup> )	Noise (dB)	Time
1	Vesey and 9A	0.037	73.1	10:05
2	Vesey between 9A and middle of site	0.031	72.7	10:06
3	Vesey between 9A and North End	0.025	74.5	10:07
4	Vesey between North End and middle of site	0.016	74.1	10:08
5	Vesey and North End	0.022	72.9	10:09

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

## Weather

RH: 30-35%; Wind: NW 15-23 mph; 23 degrees; sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.

