



# MOBILE MONITORING REPORT

Date: 5/5/2009

Location: 15 William Street  
(1130)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	William b/t Exchange and Beaver	0.006	69.0	14:44
2	William & Beaver	0.011	66.7	14:46
3	Beaver b/t Broad & Nassau	0.010	65.7	14:48

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

## Weather

RH-55-60%, Wind 2-3mph, 55 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: 5/5/2009

Location: 40 Broad Street (1620)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	New St (S. edge of site)	0.020	70.1	14:15
2	New St (middle of site)	0.026	68.5	14:17
3	New St (N. edge of site)	0.023	67.1	14:19
4	Broad St (N. edge of site)	0.019	65.5	14:21
5	Broad St (middle of site)	0.038	66.0	14:23
6	Broad St (S. edge of site)	0.032	66.5	14:25

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

## Weather

RH-55-60%, Wind 2-3mph, 55 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: 5/5/2009

Location: 75 Wall Street (3240)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Pearl b/t William and Wall	0.008	70.3	14:52
2	Middle of Site	0.016	69.3	14:54
3	Wall and Pearl	0.014	70.8	14:56

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

## Weather

RH-55-60%, Wind 2-3mph, 55 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: 5/5/2009

Location: 8 Stone St. (5140)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Stone St. (eastern end of site)	0.008	67.2	14:29
2	Stone St. (western end of site)	0.011	67.9	14:31
3	Bridge St. (western end of site)	0.005	65.2	14:33
4	Bridge St. (eastern end of site)	0.008	65.0	14:35

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

## Weather

RH-55-60%, Wind 2-3mph, 55 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: 5/5/2009

Location: 126 Water Street (5190)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Water St. (S. edge of site)	0.062	70.1	15:09
2	Water St. (N. edge of site)	0.048	69.5	15:11

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

## Weather

RH-55-60%, Wind 2-3mph, 55 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: 5/5/2009

Location: NYSE Security Project  
(5510)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Wall & Nassau Streets	0.027	68.0	14:04
2	Wall b/t Nassau and William Streets	0.015	68.6	14:06
3	William and Wall Streets	0.017	73.9	14:08
4	Broad b/t Beaver and Exchange (North)	0.012	70.1	14:11
5	Broad b/t Beaver and Exchange (South)	0.017	69.5	14:13

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

## Weather

RH-55-60%, Wind 2-3mph, 55 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: 5/5/2009

Location: 111 Wall Street  
(5540)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Wall & Front Streets	0.005	65.3	15:00
2	Wall & South Streets	0.008	69.5	15:02
3	South Street & Gouverneur Lane	0.006	68.7	15:04
4	Gouverneur Lane & Front Street	0.003	66.4	15:06

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

## Weather

RH-55-60%, Wind 2-3mph, 55 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: 5/6/2009

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Greenwich and Canal	0.047	63.7	14:06
2	Greenwich (middle of site)	0.052	75.7	14:07
3	Greenwich and Desbrosses	0.048	68.7	14:08

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

## Weather

Temp: Low 60°s F, partly cloudy, mild wind

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/6/2009

Location: Parker Development  
(1670)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Washington b/t Watts & Desbrosses	0.057	68.8	14:20
2	Washington & Watts	0.055	72.1	14:21
3	Watts b/t Washington & West Side	0.051	72.7	14:22
4	Watts & West Side	0.035	82.1	14:23
5	West Side b/t Watts & Debrosses	0.047	81.1	14:24
6	West side & Debrosses	0.054	69.4	14:25
7	Debrosses b/t West Side & Washington	0.066	69.7	14:26
8	Debrosses & Washington	0.049	69.6	14:27

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

## Weather

Temp: Low 60's F, partly cloudy, mild wind

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/6/2009

Location: Cavala Park (1890)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Canal and Laight	0.081	76.4	13:58
2	Canal b/w Laight and Varick	0.122	75.2	13:59
3	Laight b/w Canal and Varick	0.065	76.8	14:00
4	Laight and Varick	0.057	75.2	14:01
5	Varick b/w Canal and Laight	0.061	71.9	14:02

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

## Weather

Temp: Low 60's F, partly cloudy, mild wind

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/6/2009

Location: 370 Canal (3870)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Canal (site entrance)	0.105	74.9	13:53
2	Lispenard (site entrance)	0.101	67.6	13:50

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

## Weather

Temp: Low 60°s F, partly cloudy, mild wind

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/6/2009

Location: 31 Vestry Street  
(5520)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	West End of Site	0.040	67.8	15:29
2	East End of Site	0.047	63.9	15:30

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

## Weather

Temp: Low 60's F, partly cloudy, mild wind

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/7/2009

Location: (0430) Leonard - W  
B'way > Hudson

## 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 tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Leonard and Hudson	0.017	66.4	13:55
2	Leonard b/t Hudson and W B'way (1/4 from Hudson)	0.018	68.3	13:56
3	Leonard b/t Hudson and W B'way (1/2 from Hudson)	0.034	65.6	13:57
4	Leonard b/t Hudson and W B'way (3/4 from Hudson)	0.027	72.6	13:58

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

## Weather

Temperature - Mid 60s°F, Cloudy with 80% chance of precipitation.

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/7/2009

Location: 50 Franklin St (3170)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Franklin St (western edge of site)	0.026	64.0	14:07
2	Franklin St (eastern edge of site)	0.021	67.3	14:08

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

## Weather

Temperature - Mid 60s°F, Cloudy with 80% chance of precipitation.

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/7/2009

Location: 371 Broadway (5470)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	South Edge of Site	0.023	70.7	14:05
2	North Edge of Site	0.024	67.1	14:06

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

## Weather

Temperature - Mid 60s°F, Cloudy with 80% chance of precipitation.

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/7/2009

Location: 20 Mott Street  
(6060)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Mott (North end of Site)	0.035	62.7	14:26
2	Mott (South end of Site)	0.040	62.3	14:27

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

## Weather

Temperature - Mid 60s°F, Cloudy with 80% chance of precipitation.

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/11/2009

Location: Fiterman Hall  
(0930)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
1	West Broadway & Park Place	0.022	71.3	09:11-09:21
2	Greenwich & Park Place	0.019	67.9	09:23-09:33
3	Greenwich & Barclay	0.015	69.7	09:34-09:44
4	West Broadway & Barclay	0.016	68.5	09:45-09:55
<b>Site Visit 2</b>				
1	West Broadway & Park Place	0.014	70.1	10:37-10:47
2	Greenwich & Park Place	0.016	64.7	10:48-10:58
3	Greenwich & Barclay	0.013	68.0	10:59-11:09
4	West Broadway & Barclay	0.019	68.5	11:10-11:20
<b>Site Visit 3</b>				
1	West Broadway & Park Place	n/a	n/a	n/a
2	Greenwich & Park Place	n/a	n/a	n/a
3	Greenwich & Barclay	n/a	n/a	n/a
4	West Broadway & Barclay	n/a	n/a	n/a
<b>Site Visit 4</b>				
1	West Broadway & Park Place	n/a	n/a	n/a
2	Greenwich & Park Place	n/a	n/a	n/a
3	Greenwich & Barclay	n/a	n/a	n/a
4	West Broadway & Barclay	n/a	n/a	n/a
<b>Site Visit 5</b>				
1	West Broadway & Park Place	n/a	n/a	n/a
2	Greenwich & Park Place	n/a	n/a	n/a
3	Greenwich & Barclay	n/a	n/a	n/a
4	West Broadway & Barclay	n/a	n/a	n/a

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

## Weather

Temperature: 55F Wind: 3 mph SW

## 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: 5/11/2009

Location: Fiterman Hall  
(0930)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
1	West Broadway & Park Place	0.022	71.3	09:11-09:21
2	Greenwich & Park Place	0.019	67.9	09:23-09:33
3	Greenwich & Barclay	0.015	69.7	09:34-09:44
4	West Broadway & Barclay	0.016	68.5	09:45-09:55
<b>Site Visit 2</b>				
1	West Broadway & Park Place	0.014	70.1	10:37-10:47
2	Greenwich & Park Place	0.016	64.7	10:48-10:58
3	Greenwich & Barclay	0.013	68.0	10:59-11:09
4	West Broadway & Barclay	0.019	68.5	11:10-11:20
<b>Site Visit 3</b>				
1	West Broadway & Park Place	0.018	68.1	12:21-12:31
2	Greenwich & Park Place	0.015	64.2	12:33-12:43
3	Greenwich & Barclay	0.019	66.2	12:43-12:53
4	West Broadway & Barclay	0.021	68.3	12:55-13:05
<b>Site Visit 4</b>				
1	West Broadway & Park Place	0.016	67.1	14:24-14:34
2	Greenwich & Park Place	0.013	65.4	14:35-14:45
3	Greenwich & Barclay	0.014	66.1	14:46-14:56
4	West Broadway & Barclay	0.016	67.8	14:57-15:07
<b>Site Visit 5</b>				
1	West Broadway & Park Place	0.023	68.4	15:50-16:00
2	Greenwich & Park Place	0.028	66.8	16:01-16:11
3	Greenwich & Barclay	0.030	66.9	16:12-16:22
4	West Broadway & Barclay	0.031	67.0	16:23-16:33

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

## Weather

Wind-SW4-8mph, RH-40-45% 56-62 degrees, mostly 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: 5/12/2009  
 Location: 130 Liberty Street  
Deconstruction  
(0800)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
1	Liberty & Washington (outside gate)	0.045	68.1	09:15-09:25
2	Greenwich b/w Liberty and Cedar	0.038	72.8	09:27-09:37
3	Albany & Greenwich	0.028	68.6	09:39-09:49
7	Albany & Washington	0.052	79.5	09:51-10:01
<b>Site Visit 2</b>				
1	Liberty & Washington (outside gate)	0.025	69.3	10:35-10:45
2	Greenwich b/w Liberty and Cedar	0.034	71.2	10:47-10:57
3	Albany & Greenwich	0.032	72.2	10:58-11:08
7	Albany & Washington	0.031	78.7	11:09-11:19
<b>Site Visit 3</b>				
1	Liberty & Washington (outside gate)	0.021	64.3	12:12-12:22
2	Greenwich b/w Liberty and Cedar	0.019	68.2	12:23-12:33
3	Albany & Greenwich	0.043	68.5	12:34-12:45
7	Albany & Washington	0.056	80.6	12:46-12:56
<b>Site Visit 4</b>				
1	Liberty & Washington (outside gate)	0.044	69.0	14:05-14:15
2	Greenwich b/w Liberty and Cedar	0.038	71.0	14:17-14:27
3	Albany & Greenwich	0.026	71.1	14:28-14:38
7	Albany & Washington	0.063	76.7	14:39-14:49
<b>Site Visit 5</b>				
1	Liberty & Washington (outside gate)	0.029	64.4	15:37-15:47
2	Greenwich b/w Liberty and Cedar	0.015	68.4	15:48-15:58
3	Albany & Greenwich	0.045	68.0	16:00-16:10
7	Albany & Washington	0.051	76.6	16:11-16:21

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

## Weather

RH-33-40%, Wind-NW3mph, 59-66 degrees, partly sunny

## Discussion

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

*Tim Burns*

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/13/2009

Location: Gateway Plaza

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10µm) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the 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	South End Avenue & Liberty Street	0.024	63.3	11:57
2	Liberty 1/2 way to Esplanade	0.017	59.8	11:59
3	Liberty 3/4 way to Esplanade	0.020	58.9	12:01
4	Esplanade (Northeastern corner of complex)	0.017	61.9	12:03
5	Esplanade 1/2 way to Albany	0.018	59.2	12:05
6	Esplanade 3/4 way ot Albany	0.016	64.5	12:07
7	Albany and Esplanade	0.016	61.2	12:09
8	Albany (end of cul-de-sac)	0.018	65.4	11:45
9	Albany 1/2 way to South End Avenue	0.022	63.3	11:47
10	Albany and South End Avenue	0.020	67.1	11:49
11	South End Avenue 1/4 way to Liberty	0.017	71.4	11:51
12	South End Avenue 1/2 way to Liberty	0.021	61.7	11:53
13	South End Avenue, Gateway Plaza entrance	0.019	63.6	11:55

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

## Weather

Temp:65° F, partly cloudy, wind: 8 mph SSE

## Discussion

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

Matt Foster  
BEM Systems, Inc.





Representative example of façade maintenance in progress at Site



Warning sign posted adjacent to work area



# MOBILE MONITORING REPORT

Date: 5/15/2009

Location: Beekman Tower (0840)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
2	Beekman, b/t Nassau & William	0.086	72.6	0944-0954
3	Beekman & William	0.097	69.6	0956-1006
5	Spruce & William	0.089	71.4	1008-1018
6	Spruce b/t William & Nassau	0.097	72.0	1020-1030
<b>Site Visit 2</b>				
2	Beekman, b/t Nassau & William	0.087	72.8	1128-1138
3	Beekman & William	0.099	71.9	1139-1149
5	Spruce & William	0.090	69.0	1150-1200
6	Spruce b/t William & Nassau	0.084	74.5	1201-1211
<b>Site Visit 3</b>				
2	Beekman, b/t Nassau & William	0.072	68.1	1407-1417
3	Beekman & William	0.063	74.1	1418-1428
5	Spruce & William	0.059	74.8	1428-1438
6	Spruce b/t William & Nassau	0.082	68.4	1441-1451
<b>Site Visit 4</b>				
2	Beekman, b/t Nassau & William	0.083	70.5	1519-1529
3	Beekman & William	0.076	70.2	1530-1540
5	Spruce & William	0.082	67.6	1541-1551
6	Spruce b/t William & Nassau	0.077	71.9	1552-1401
<b>Site Visit 5</b>				
2	Beekman, b/t Nassau & William	0.076	67.0	1619-1629
3	Beekman & William	0.079	66.6	1630-1640
5	Spruce & William	0.056	70.1	1641-1651
6	Spruce b/t William & Nassau	0.074	67.8	1652-1702

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

## Weather

Temperature: 60's-70's°F Wind: 4-10 mph, Variable

## Discussion

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

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/18/2009

Location: Gateway Plaza

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit # 1</b>				
1	South End Ave & Liberty Street	0.021	68.7	0921-0931
2	Esplanade (Northwest corner of Complex)	0.013	62.4	0933-0943
3	Esplanade and Albany Street	0.017	63.3	0944-0954
4	Albany Street and South End Ave	0.020	67.6	0955-1005
<b>Site Visit # 2</b>				
1	South End Ave & Liberty Street	0.015	67.1	1035-1045
2	Esplanade (Northwest corner of Complex)	0.016	61.5	1046-1056
3	Esplanade and Albany Street	0.019	62.3	1057-1107
4	Albany Street and South End Ave	0.017	68.9	1108-1118
<b>Site Visit # 3</b>				
1	South End Ave & Liberty Street	0.016	66.1	1220-1230
2	Esplanade (Northwest corner of Complex)	0.017	63.0	1232-1242
3	Esplanade and Albany Street	0.023	60.3	1243-1253
4	Albany Street and South End Ave	0.022	69.2	1254-1304
<b>Site Visit # 4</b>				
1	South End Ave & Liberty Street	0.018	67.4	1415-1425
2	Esplanade (Northwest corner of Complex)	0.016	62.0	1426-1436
3	Esplanade and Albany Street	0.016	63.2	1438-1448
4	Albany Street and South End Ave	0.020	67.5	1449-1459
<b>Site Visit # 5</b>				
1	South End Ave & Liberty Street	0.018	66.4	1559-1609
2	Esplanade (Northwest corner of Complex)	0.027	60.9	1610-1620
3	Esplanade and Albany Street	0.019	65.5	1621-1631
4	Albany Street and South End Ave	0.020	71.2	1632-1642

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

## Weather

RH-35-40%, Wind-NW 3-8mph, 54-57 degrees, mostly cloudy

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/18/2009

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 tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Liberty & Washington (outside gate)	0.039	73.5	13:33
2	Liberty b/t Greenwich & Washington	0.047	72.1	13:34
3	Greenwich & Liberty	0.051	71.4	13:35
4	Greenwich & Cedar	0.042	69.3	13:36
5	Greenwich & Albany	0.046	70.1	13:37
6	Albany b/t Washington & Greenwich	0.044	70.5	13:38
7	Albany & Washington	0.033	73.7	13:39

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

## Weather

RH-35-40%, Wind-NW 4mph, 57 degrees, mostly cloudy

## 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: 5/18/2009

Location: 130 Cedar (0880)

## 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 tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	N/A	N/A	N/A
2	Northeast corner of 130 Cedar	N/A	N/A	N/A
3	Midpoint on West side sidewalk (Washington)	0.036	69.5	13:41
4	Albany & Washington	0.049	70.4	13:42
5	Albany in front of 130 Cedar	0.038	71.0	13:43

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

## Weather

RH-35-40%, Wind-NW 4mph, 57 degrees, mostly cloudy

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/18/2009

Location: 123 Washington St.  
(1120)

## Objective:

At the direction of Tom Kunkel, particulates (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below.

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
1	NE Corner of Site	0.033	68.1	13:46
2	Middle of Site along Albany	0.030	68.0	13:47
3	Washington & Albany	0.039	70.1	13:48
4	Washington b/t Albany & Carlisle	0.041	70.5	13:49
5	Carlisle & Washington	0.040	71.3	13:50

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

## Weather

RH-35-40%, Wind-NW 4mph, 57 degrees, mostly cloudy

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/19/2009

Location: 9A - Phase 2 (0020)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit # 1</b>				
1	West & Liberty (NE Corner)	0.047	71.5	0909-0919
2	West & Vesey (NE corner)	0.031	74.1	0925-0935
3	West & Murray (NE corner)	0.029	70.6	0937-0947
4	West & Warren	0.023	69.5	0949-0959
<b>Site Visit # 2</b>				
1	West & Liberty (NE Corner)	0.022	72.1	1158-1208
2	West & Vesey (NE corner)	0.042	67.7	1215-1225
3	West & Murray (NE corner)	0.024	72.4	1227-1237
4	West & Warren	0.026	70.5	1239-1249
<b>Site Visit # 3</b>				
1	West & Liberty (NE Corner)	0.040	69.5	1334-1344
2	West & Vesey (NE corner)	0.031	74.0	1353-1403
3	West & Murray (NE corner)	0.039	73.4	1404-1414
4	West & Warren	0.030	71.4	1415-1425
<b>Site Visit # 4</b>				
1	West & Liberty (NE Corner)	0.028	70.0	1450-1459
2	West & Vesey (NE corner)	0.106	78.9	1507-1516
3	West & Murray (NE corner)	0.007	76.4	1518-1527
4	West & Warren	0.029	66.6	1529-1538
<b>Site Visit # 5</b>				
1	West & Liberty (NE Corner)	0.032	71.7	1610-1618
2	West & Vesey (NE corner)	0.034	76.6	1626-1634
3	West & Murray (NE corner)	0.039	86.1	1635-1643
4	West & Warren	0.033	67.8	1644-1652

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

## Weather

RH-30%, 58-68 degrees, Wind-SW 2-6mph, sunny

## Discussion

An out-of-compliance noise reading was observed at ID#3 during Site Visit#5. The elevated noise level was caused by an excavator with a hoe ram attachment operating on site. Please see photo below.

Venkat Balasubramanian  
BEM Systems, Inc.





**Excavator operating on 9A between Barclay and Murray**



# MOBILE MONITORING REPORT

Date: 5/21/2009

Location: Fulton St. Transit Center  
(0620)

## Objective:

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

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

**Table 1: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.046	73.4	0920-0930
2	Fulton & Broadway	0.054	76.9	0930-0940
3	Broadway b/t Fulton & John (Site Entrance)	0.054	84.2	0940-0950
4	Broadway 2/3 to John (South end of site)	0.035	78.8	0950-1000
<b>Site Visit 2</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.039	72.1	1025-1035
2	Fulton & Broadway	0.053	76.9	1035-1045
3	Broadway b/t Fulton & John (Site Entrance)	0.050	72.2	1045-1055
4	Broadway 2/3 to John (South end of site)	0.052	70.9	1055-1105
<b>Site Visit 3</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.032	76.2	1320-1330
2	Fulton & Broadway	0.079	76.0	1330-1340
3	Broadway b/t Fulton & John (Site Entrance)	0.094	91.4	1340-1350
4	Broadway 2/3 to John (South end of site)	0.041	81.1	1350-1400
<b>Site Visit 4</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.069	79.0	1453-1503
2	Fulton & Broadway	0.040	72.7	1503-1513
3	Broadway b/t Fulton & John (Site Entrance)	0.049	79.1	1513-1523
4	Broadway 2/3 to John (South end of site)	0.068	74.3	1523-1533
<b>Site Visit 5</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.035	72.0	1612-1622
2	Fulton & Broadway	0.030	64.7	1622-1632
3	Broadway b/t Fulton & John (Site Entrance)	0.033	78.1	1632-1642
4	Broadway 2/3 to John (South end of site)	0.039	73.1	1642-1652

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

## Weather

Temperature: 70's - 80's F, Wind: 3-5 mph, variable

## Discussion

One elevated noise reading was recorded on Broadway adjacent to the Site entrance. The increased noise level was attributed to a tanker truck with an operating transfer pump delivering drilling fluids to the Site.

Matt Foster  
BEM Systems, Inc.





Tanker truck operating transfer pump adjacent to Site entrance



# MOBILE MONITORING REPORT

Date: 5/26/2009

Location: WTC Projects(North)

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

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
1	West & Vesey	0.038	74.7	09:05-09:15
3	PATH Entrance	0.021	67.2	09:17-09:27
5	Church & Vesey	0.041	70.9	09:29-09:39
7	Church & Dey	0.031	66.5	09:40-09:50
<b>Site Visit 2</b>				
1	West & Vesey	0.043	75.9	10:48-10:58
3	PATH Entrance	0.037	69.1	11:00-11:10
5	Church & Vesey	0.039	72.1	11:12-11:22
7	Church & Dey	0.053	82.7	11:24-11:34
<b>Site Visit 3</b>				
1	West & Vesey	0.030	73.1	12:01-12:11
3	PATH Entrance	0.027	70.3	12:13-12:23
5	Church & Vesey	0.032	71.0	12:24-12:34
7	Church & Dey	0.043	80.5	12:36-12:46
<b>Site Visit 4</b>				
1	West & Vesey	0.059	74.8	13:58-14:08
3	PATH Entrance	0.028	69.6	14:10-14:20
5	Church & Vesey	0.043	72.9	14:22-14:32
7	Church & Dey	0.047	83.8	14:34-14:44
<b>Site Visit 5</b>				
1	West & Vesey	0.028	72.4	15:50-16:00
3	PATH Entrance	0.022	69.2	16:02-16:12
5	Church & Vesey	0.034	66.9	16:14-16:24
7	Church & Dey	0.037	82.5	16:26-16:31

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

## Weather

RH-40-45%, Wind-SE4-9mph, 58-61 degrees, cloudy

## Discussion

No anomalous or out-of-compliance dust or noise readings were detected at this site. Elevated Noise levels recorded at ID#7 were due to construction (Skanska) taking place at the Millennium Hilton Hotel.

*Tim Burns*

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/27/2009

Location: WTC Projects (South)

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

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
9	Trinity & Liberty	0.065	77.1	10:34-10:44
10	Liberty & Greenwich	0.063	75.7	10:45-10:55
11	Liberty b/w Washington & Greenwich	0.057	75.4	10:56-11:06
12	Liberty & Washington	0.072	73.7	11:07-11:17
<b>Site Visit 2</b>				
9	Trinity & Liberty	0.101	76.3	11:39-11:49
10	Liberty & Greenwich	0.080	75.2	11:50-12:00
11	Liberty b/w Washington & Greenwich	0.046	71.5	12:01-12:11
12	Liberty & Washington	0.053	69.5	12:12-12:22
<b>Site Visit 3</b>				
9	Trinity & Liberty	0.104	77.2	13:09-13:19
10	Liberty & Greenwich	0.103	74.3	13:20-13:30
11	Liberty b/w Washington & Greenwich	0.119	76.1	13:32-13:42
12	Liberty & Washington	0.109	74.9	13:43-13:53
<b>Site Visit 4</b>				
9	Trinity & Liberty	0.094	76.9	14:51-15:01
10	Liberty & Greenwich	0.144	77.2	15:02-15:12
11	Liberty b/w Washington & Greenwich	0.098	72.6	15:13-15:23
12	Liberty & Washington	0.096	70.0	15:24-15:34
<b>Site Visit 5</b>				
9	Trinity & Liberty	0.107	76.6	16:11-16:21
10	Liberty & Greenwich	0.141	76.4	16:22-16:32
11	Liberty b/w Washington & Greenwich	0.129	76.3	16:33-16:43
12	Liberty & Washington	0.128	79.3	16:44-16:54

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

## Weather

RH-60-80%, Wind-NE1-4mph, 56-62 degrees, cloudy

## Discussion

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

*Tim Burns*

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 5/28/2009

Location: 123 Washington St.  
(1120)

## Objective:

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

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

**Table 1: Dust and Noise Monitoring Results**

Monitoring ID Number	Locations	Respirable Dust (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1 (9:30AM to 10:10AM)</b>				
1	NE Corner of Site	0.031	74.4	09:30-09:40
2	Washington & Albany	0.052	75.9	09:40-09:50
3	Washington b/t Albany & Carlisle	0.063	69.8	09:50-10:00
4	Carlisle b/w Washington and Greenwich	0.040	67.2	10:00-10:10
<b>Site Visit 2 (10:50AM to 11:30AM)</b>				
1	NE Corner of Site	0.031	72.0	10:50-11:00
2	Washington & Albany	0.067	75.7	11:00-11:10
3	Washington b/t Albany & Carlisle	0.054	74.7	11:10-11:20
4	Carlisle b/w Washington and Greenwich	0.045	71.1	11:20-11:30
<b>Site Visit 3 (1:30PM to 2:10PM)</b>				
1	NE Corner of Site	0.047	76.7	13:30-13:40
2	Washington & Albany	0.071	76.3	13:40-13:50
3	Washington b/t Albany & Carlisle	0.054	72.4	13:50-14:00
4	Carlisle b/w Washington and Greenwich	0.045	73.1	14:00-14:10
<b>Site Visit 4 (2:40PM to 3:20PM)</b>				
1	NE Corner of Site	0.059	71.8	14:40-14:50
2	Washington & Albany	0.072	72.2	14:50-15:00
3	Washington b/t Albany & Carlisle	0.076	74.6	15:00-15:10
4	Carlisle b/w Washington and Greenwich	0.037	72.3	15:10-15:20
<b>Site Visit 5 (4:10PM to 4:50PM)</b>				
1	NE Corner of Site	0.042	71.7	16:10-16:20
2	Washington & Albany	0.048	72.1	16:20-16:30
3	Washington b/t Albany & Carlisle	0.049	72.1	16:30-16:40
4	Carlisle b/w Washington and Greenwich	0.046	68.8	16:40-16:50

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

## Weather

Temperature 58-63°F, cloudy, mild winds.

## Discussion

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

Matt Foster  
BEM Systems, Inc.

