



# MOBILE MONITORING REPORT

Date: 8/3/2009

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                    | West b/w Albany & Carlisle    | 0.035                                | 68.3       | 13:34 |
| 2                    | Albany & West (NW corner)     | 0.045                                | 71.3       | 13:36 |
| 3                    | Mid West b/t Albany & Liberty | 0.054                                | 71.9       | 13:38 |
| 4                    | West & Liberty (SW Corner)    | 0.049                                | 69.4       | 13:40 |
| 5                    | 1/3 West b/t Liberty & Vesey  | 0.044                                | 68.7       | 13:42 |
| 6                    | Mid West b/t Liberty & Vesey  | 0.045                                | 69.8       | 13:44 |
| 7                    | 2/3 West b/t Liberty & Vesey  | 0.048                                | 70.1       | 13:46 |
| 8                    | West & Vesey (SW corner)      | 0.043                                | 70.9       | 13:48 |
| 9                    | West & Vesey (NE Corner)      | 0.041                                | 67.3       | 13:52 |
| 10                   | West b/t Vesey & Murray       | 0.046                                | 66.3       | 13:54 |
| 11                   | West & Murray (SE corner)     | 0.053                                | 68.5       | 13:56 |
| 12                   | West & Murray (NE corner)     | 0.064                                | 66.3       | 13:58 |
| 13                   | Mid. West b/t Murray & Warren | 0.021                                | 67.4       | 14:00 |
| 14                   | West & Warren (SE corner)     | 0.023                                | 68.1       | 14:02 |
| 15                   | West & Chambers               | 0.035                                | 69.0       | 14:04 |

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

## Weather

RH:50%; Wind: S, 5 mph; 85 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: 8/3/2009

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     | 0.035                                | 71.6       | 14:09 |
| 2                    | Warren and North End Ave.         | 0.039                                | 72.3       | 14:11 |
| 3                    | Warren b/t North End and West St. | 0.083                                | 70.8       | 14:13 |

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

## Weather

RH:50%; Wind: S, 5 mph; 85 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: 8/3/2009

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                                  | 0.038                                | 71.8       | 14:22 |
| 2                    | Vesey, midway b/t gates                       | 0.044                                | 70.5       | 14:24 |
| 3                    | Wvesey, SW corner of site                     | 0.042                                | 69.8       | 14:26 |
| 4                    | Midway on Westside of site b/t Murray & Vesey | 0.049                                | 67.8       | 14:28 |
| 5                    | Murray, NW corner of site                     | 0.067                                | 71.3       | 14:30 |
| 6                    | Murray at gate mid-way                        | 0.056                                | 70.5       | 14:32 |
| 7                    | West & Murray                                 | 0.068                                | 72.8       | 14:34 |
| 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 Metrosonics Chameleon Noise Dosimeter designed to measure sound level

## Weather

RH:50%; Wind: S, 5 mph; 85 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: 8/3/2009

Location: BPC Site 24 (2990)

## 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 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 | 0.044                                | 72.3       | 14:15 |
| 2                    | Murray and North End Ave.         | 0.042                                | 71.1       | 14:17 |
| 3                    | North End b/w Murray & Warren     | 0.029                                | 73.4       | 14:19 |

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

## Weather

RH:50%; Wind: S, 5 mph; 85 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: 8/4/2009

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

## 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                    | Park & Broadway            | 0.071                                | 67.8       | 09:42 |
| 2                    | Park b/w Broadway & Church | 0.080                                | 67.2       | 09:44 |
| 3                    | Park & Church              | 0.073                                | 71.0       | 09:46 |

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

## Weather

RH: 47%; Wind: SW 6mph; 80 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: 8/4/2009  
 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 sites 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                       | 0.064                                | 77.1       | 10:24 |
| 2                    | Vesey & Washington                 | 0.070                                | 78.9       | 10:26 |
| 3                    | PATH Entrance                      | 0.055                                | 71.0       | 10:28 |
| 4                    | Vesey b/w W. Broadway and Church   | 0.068                                | 72.7       | 10:30 |
| 5                    | Church & Vesey                     | 0.072                                | 74.4       | 10:32 |
| 6                    | Church & Fulton                    | 0.076                                | 71.7       | 10:34 |
| 7                    | Church & Dey                       | 0.072                                | 72.2       | 10:36 |
| 8                    | Church & Cortlandt                 | 0.084                                | 70.3       | 10:38 |
| 9                    | Trinity & Liberty                  | 0.067                                | 74.5       | 10:40 |
| 10                   | Liberty & greenwich                | 0.064                                | 72.4       | 10:44 |
| 11                   | Liberty b/w Washington & Greenwich | 0.102                                | 72.6       | 10:48 |
| 12                   | Liberty & washington               | 0.088                                | 73.2       | 10:52 |
| 13                   | Liberty b/w West & Washington      | 0.129                                | 71.4       | 10:56 |

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

## Weather

RH: 47%; Wind: SW 6mph; 80 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: 8/4/2009

Location: 99 Church Street  
(5420)

## 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                    | Barclay b/t Broadway & Church | 0.098                                | 70.3       | 09:49 |
| 2                    | Barclay & Church              | 0.076                                | 69.8       | 09:51 |
| 3                    | Church b/w Barclay & Park     | 0.077                                | 71.2       | 09:53 |
| 4                    | Park & Church                 | 0.072                                | 70.8       | 09:55 |
| 5                    | Park b/t Church & Broadway    | 0.083                                | 72.400     | 09:57 |

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

## Weather

RH: 47%; Wind: SW, 6 mph; 80 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: 8/4/2009

Location: Fiterman Hall (0930)

## 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 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               | 0.069                                | 68.7       | 10:01 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.062                                | 66.8       | 10:03 |
| 3                    | Park Place & Greenwich                   | 0.095                                | 70.3       | 10:05 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.101                                | 76.7       | 10:07 |
| 5                    | Barclay & Greenwich                      | 0.059                                | 71.0       | 10:09 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.057                                | 69.7       | 10:11 |
| 7                    | Barclay & West Broadway                  | 0.060                                | 69.4       | 10:13 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.065                                | 69.7       | 10:15 |

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

## Weather

RH: 47%; Wind: SW, 6 mph; 80 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: 8/4/2009

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 & William          | 0.080                    | 74.3       | 14:52 |
| 2                    | Beekman b/t William & Gold | 0.056                    | 67.2       | 14:54 |
| 3                    | Beekman & Nassau           | 0.058                    | 66.9       | 14:56 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

Location: NYCDOT/DDC  
(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                    | Liberty & William          | 0.070                                | 68.5       | 14:14 |
| 2                    | Liberty b/w William & Gold | 0.353                                | 70.1       | 14:16 |
| 3                    | Liberty & Gold             | N/A                                  | N/A        | N/A   |
| 4                    | Maiden b/w Gold & Pearl    | N/A                                  | N/A        | N/A   |
| 5                    | Maiden & Pearl             | N/A                                  | N/A        | N/A   |
| 6                    | Maiden b/w Pearl & Water   | N/A                                  | N/A        | N/A   |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 degrees; sunny

## Discussion

An out-of-compliance dust reading was observed at ID #2. The elevated dust level was due emergency street work being carried out at the time of the inspection. Emergency personnel were on site limiting access to LMCCC inspectors.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/4/2009

Location: 189 Broadway - CATEX  
(0610)

## 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                    | Dey b/w Broadway & Church    | 0.091                                | 71.9       | 15:44 |
| 2                    | Broadway & Dey               | 0.089                                | 70.5       | 15:46 |
| 3                    | Broadway b/w Dey & Cortlandt | 0.073                                | 68.2       | 15:48 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

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)   | 0.059                                | 67.5       | 15:30 |
| 2                    | Fulton b/w Broadway Nassau                 | 0.071                                | 67.9       | 15:32 |
| 3                    | Broadway & Fulton                          | 0.069                                | 68.8       | 15:34 |
| 4                    | Broadway b/t Fulton & John (Site Entrance) | 0.085                                | 72.3       | 15:36 |
| 5                    | Broadway 2/3 to John (South end of site)   | 0.084                                | 73.7       | 15:38 |
| 6                    | Broadway & John                            | 0.076                                | 71.3       | 15:40 |
| 7                    | John outside Fulton St Subway Station Exit | 0.090                                | 68.1       | 15:42 |

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

### Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

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) | 0.079                                | 71.3       | 14:58 |
| 2                    | Beekman b/t William & Nassau   | 0.077                                | 72.2       | 15:00 |
| 3                    | Beekman & William              | 0.053                                | 69.4       | 15:02 |
| 4                    | Walkway b/w Spruce & Beekman   | 0.056                                | 68.3       | 15:04 |
| 5                    | Spruce & William               | 0.051                                | 68.1       | 15:06 |
| 6                    | Spruce b/w William & Nassau    | 0.062                                | 66.1       | 15:08 |
| 7                    | Spruce & Nassau (10 yards in)  | 0.060                                | 66.0       | 15:10 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

Location: Burling Slip Park (1960)

## 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 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           | 0.052                                | 67.3       | 14:28 |
| 2                    | John b/w Front & South Streets | 0.059                                | 68.5       | 14:30 |
| 3                    | John & South Streets           | 0.055                                | 72.9       | 14:32 |
| 3                    | Liberty & Gold                 | 0.078                                | 70.1       | 14:34 |
| 4                    | Maiden b/w Gold & Pearl        | 0.055                                | 69.3       | 14:36 |
| 6                    | John & Front Streets           | 0.063                                | 73.4       | 14:38 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

Location: 155 Water Street  
(6170)

## 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                    | Fletcher b/w Water & Front  | 0.077                                | 68.7       | 14:17 |
| 2                    | Fletcher & Water            | 0.084                                | 71.3       | 14:19 |
| 3                    | Water b/w Fletcher & Maiden | 0.079                                | 77.8       | 14:21 |
| 4                    | Water & Maiden              | 0.140                                | 80.6       | 14:23 |
| 5                    | Maiden b/w Water & Front    | 0.051                                | 76.5       | 14:25 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

Location: 67 Liberty St  
(5460)

## 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 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) | 0.067                                | 74.3       | 14:08 |
| 2                    | Liberty(East end of Site) | 0.094                                | 73.9       | 14:10 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

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        | 0.067                                | 74.4       | 14:46 |
| 2                    | Behind 40 Gold Street | 0.103                                | 73.8       | 14:48 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/4/2009

Location: Fulton Street  
(5410)

## 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                    | Fulton b/w Broadway & Church              | 0.085                                | 69.2       | 15:16 |
| 2                    | Fulton and Nassau (10 yards in to Fulton) | 0.095                                | 71.3       | 15:18 |
| 3                    | Fulton and Dutch St                       | 0.081                                | 66.3       | 15:20 |
| 4                    | Fulton b/w William and Gold St            | 0.089                                | 66.6       | 15:22 |
| 5                    | Fulton and Gold                           | 0.076                                | 67.0       | 15:24 |
| 6                    | John Delury Sr. Plaza                     | 0.063                                | 67.2       | 15:26 |
| 7                    | Fulton b/w Ryders Alley and Cliff St      | 0.073                                | 67.4       | 15:28 |

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

## Weather

RH: 56%; Wind: S, 5 mph; 84 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: 8/6/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-west Broadway>Church  
(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 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                    | Park & Broadway            | 0.048                                | 71.0       | 13:50 |
| 2                    | Park b/w Broadway & Church | 0.035                                | 72.6       | 13:51 |
| 3                    | Park & Church              | 0.026                                | 81.5       | 13:52 |

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

## Weather

Temperature: Mid 70's F Partly cloudy with chances of rain

## 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:** 8/6/2009  
**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 sites 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 & Vesey                       | 0.018                                | 77.1       | 14:12 |
| 2                    | Vesey & Washington                 | 0.032                                | 78.6       | 14:13 |
| 3                    | PATH Entrance                      | 0.030                                | 69.7       | 14:14 |
| 4                    | Vesey b/w W. Broadway and Church   | 0.044                                | 73.4       | 14:15 |
| 5                    | Church & Vesey                     | 0.049                                | 69.8       | 14:16 |
| 6                    | Church & Fulton                    | 0.027                                | 71.8       | 14:17 |
| 7                    | Church & Dey                       | 0.045                                | 72.4       | 14:18 |
| 8                    | Church & Cortladt                  | 0.043                                | 70.9       | 14:19 |
| 9                    | Trinity & Liberty                  | 0.034                                | 74.4       | 14:20 |
| 10                   | Liberty & greenwich                | 0.045                                | 76.0       | 14:21 |
| 11                   | Liberty b/w Washington & Greenwich | 0.064                                | 76.7       | 14:22 |
| 12                   | Liberty & washington               | 0.071                                | 75.4       | 14:23 |
| 13                   | Liberty b/w West & Washington      | 0.068                                | 76.6       | 14:24 |

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 70's F Partly cloudy with chances of rain

## Discussion

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

*V Balasubramanian*

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/6/2009

Location: Fiterman Hall (0930)

## 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 Broadway & Park Place               | 0.017                                | 72.5       | 14:02 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.019                                | 76.3       | 14:03 |
| 3                    | Park Place & Greenwich                   | 0.016                                | 72.1       | 14:04 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.017                                | 73.8       | 14:05 |
| 5                    | Barclay & Greenwich                      | 0.061                                | 72.4       | 14:06 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.039                                | 73.3       | 14:07 |
| 7                    | Barclay & West Broadway                  | 0.018                                | 72.5       | 14:08 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.065                                | 72.1       | 14:09 |

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 70's F Partly cloudy with chances of rain

## 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: 8/6/2009

Location: Fiterman Hall (0930)

## 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 Broadway & Park Place               | 0.045                                | 68.2       | 15:50 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.034                                | 72.7       | 15:51 |
| 3                    | Park Place & Greenwich                   | 0.040                                | 71.9       | 15:52 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.037                                | 71.4       | 15:53 |
| 5                    | Barclay & Greenwich                      | 0.082                                | 67.9       | 15:54 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.109                                | 78.1       | 15:55 |
| 7                    | Barclay & West Broadway                  | 0.094                                | 73.7       | 15:56 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.051                                | 65.9       | 15:57 |

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

## Weather

Temperature: Mid 70's F Sunny, clear

## 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: 8/6/2009

Location: 99 Church Street  
(5420)

## 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                    | Barclay b/t Broadway & Church | 0.022                                | 69.2       | 13:55 |
| 2                    | Barclay & Church              | 0.020                                | 70.9       | 13:56 |
| 3                    | Church b/w Barclay & Park     | 0.052                                | 72.1       | 13:57 |
| 4                    | Park & Church                 | 0.034                                | 70.4       | 13:58 |
| 5                    | Park b/t Church & Broadway    | 0.020                                | 67.3       | 13:59 |

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

## Weather

Temperature: Mid 70's F Partly cloudy with chances of rain

## 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: 8/7/2009

Location: Leonard-W B'way  
> Hudson (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                    | Leonard and Hudson                               | 0.031                                | 71.4       | 14:20 |
| 2                    | Leonard b/w Hudson and W B'way (1/4 from Hudson) | 0.025                                | 74.0       | 14:21 |
| 3                    | Leonard b/w Hudson and W B'way (1/2 from Hudson) | 0.022                                | 63.5       | 14:22 |
| 4                    | Leonard b/w Hudson and W B'way (3/4 from Hudson) | 0.020                                | 68.0       | 14:23 |

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: Low 80sF, Clear, mild winds

## 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: 8/7/2009

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        | 0.042                                | 69.1       | 14:55 |
| 2                    | Greenwich (middle of site) | 0.021                                | 68.6       | 14:56 |
| 3                    | Greenwich and Desbrosses   | 0.012                                | 72.8       | 14:57 |

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: Low 80sF, Clear, mild winds

## 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: 8/7/2009

Location: NYU Law School  
Library (1730)

## 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                    | W. Broadway b/t Worth & Leonard      | 0.037                                | 71.8       | 14:25 |
| 2                    | W. Broadway & Leonard                | 0.030                                | 74.8       | 14:26 |
| 3                    | Leonard (midway along site)          | 0.022                                | 73.7       | 14:27 |
| 4                    | Leonard mid b/t W. Broadway & Church | 0.031                                | 72.2       | 14:28 |
| 5                    | Worth (site entrance)                | 0.020                                | 69.4       | 14:29 |

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: Low 80sF, Clear, mild winds

## 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: 8/7/2009

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)     | 0.033                                | 65.6       | 14:45 |
| 2                    | Lispenard (site entrance) | 0.016                                | 75.4       | 14:47 |

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: Low 80sF, Clear, mild winds

## 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: 8/7/2009

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 | 0.015                                | 65.5       | 15:05 |
| 2                    | East End of Site | 0.011                                | 65.1       | 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

Temperature: Low 80sF, Clear, mild winds

## 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: 8/7/2009

Location: 80 Catherine Street  
(PS 126)

## 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  |
|---|--------------------|--------------------------------------|------------|-------|
| <i>PS 126 (measurements recorded during active construction period)</i> |                    |                                      |            |       |
| 1   | PS 126 (SE Corner) | 0.030                                | n/a        | 10:35 |
| 2   | PS 126 (NE Corner) | 0.027                                | n/a        | 10:36 |
| 3   | PS 126 (NW Corner) | 0.007                                | n/a        | 10:37 |
| 4   | PS 126 (SW Corner) | 0.025                                | n/a        | 10:38 |

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: 80F; Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/10/2009

Location: 115/125 Cedar St

## 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                    | Trinity & Cedar                    | 0.057                                | 71.8       | 09:45 |
| 2                    | Trinity & Thames                   | 0.062                                | 70.3       | 09:47 |
| 3                    | Thames b/t Trinity & Greenwich     | 0.045                                | 67.9       | 09:49 |
| 4                    | Thames & Greenwich                 | 0.062                                | 72.1       | 09:51 |
| 5                    | Greenwich & Cedar                  | 0.057                                | 71.7       | 09:53 |
| 6                    | Cedar b/t Greenwich & Trinity      | 0.053                                | 68.3       | 09:55 |
| 7                    | Liberty & Greenwich (new gate)     | 0.044                                | 74.1       | 09:57 |
| 8                    | Liberty mid b/t Greenwich & Church | 0.038                                | 73.7       | 09:59 |
| 9                    | Gate 3 (Liberty & Church)          | 0.040                                | 73.9       | 10:01 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/10/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-west Broadway>Church  
(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            | 0.046                                | 68.4       | 14:34 |
| 2                    | Park b/w Broadway & Church | 0.042                                | 67.1       | 14:36 |
| 3                    | Park & Church              | 0.054                                | 68.2       | 14:38 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/10/2009

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)   | 0.051                                | 77.1       | 14:44 |
| 2                    | Fulton b/w Broadway Nassau                 | 0.060                                | 79.8       | 14:46 |
| 3                    | Broadway & Fulton                          | 0.052                                | 76.8       | 14:48 |
| 4                    | Broadway b/t Fulton & John (Site Entrance) | 0.084                                | 80.6       | 14:50 |
| 5                    | Broadway 2/3 to John (South end of site)   | 0.055                                | 79.1       | 14:52 |
| 6                    | Broadway & John                            | 0.063                                | 74.8       | 14:54 |
| 7                    | John outside Fulton St Subway Station Exit | 0.052                                | 73.2       | 14:56 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/10/2009

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) | 0.058                                | 72.3       | 10:04 |
| 2                    | Liberty b/t Greenwich & Washington  | 0.062                                | 72.8       | 10:06 |
| 3                    | Greenwich & Liberty                 | 0.043                                | 73.8       | 10:08 |
| 4                    | Greenwich & Cedar                   | 0.040                                | 71.4       | 10:10 |
| 5                    | Greenwich & Albany                  | 0.053                                | 74.5       | 10:12 |
| 6                    | Albany b/t Washington & Greenwich   | 0.093                                | 73.9       | 10:14 |
| 7                    | Albany & Washington                 | 0.055                                | 75.2       | 10:16 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/10/2009

Location: Fiterman Hall (0930)

## 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 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               | 0.043                                | 70.8       | 11:38 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.089                                | 68.3       | 11:40 |
| 3                    | Park Place & Greenwich                   | 0.055                                | 66.9       | 11:42 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.258                                | 68.2       | 11:44 |
| 5                    | Barclay & Greenwich                      | 0.081                                | 69.8       | 11:46 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.240                                | 67.8       | 11:48 |
| 7                    | Barclay & West Broadway                  | 0.062                                | 74.7       | 11:50 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.141                                | 72.3       | 11:52 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 degrees; sunny

## Discussion

Elevated dust readings were observed at IDs #4 & 6. The elevated dust levels may have been due to demolition activity inside the site. LMCCC inspectors will continue to monitor this location.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/10/2009

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 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               | 0.073                                | 70.8       | 14:15 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.054                                | 68.9       | 14:17 |
| 3                    | Park Place & Greenwich                   | 0.082                                | 69.5       | 14:19 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.404                                | 72.3       | 14:21 |
| 5                    | Barclay & Greenwich                      | 0.126                                | 70.6       | 14:23 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.055                                | 69.3       | 14:25 |
| 7                    | Barclay & West Broadway                  | 0.083                                | 70.3       | 14:27 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.077                                | 69.8       | 14:29 |

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

## Weather

RH: 45%; Wind: SW 4mph; 93 degrees; sunny

## Discussion

An elevated dust reading was observed at ID #4. The elevated dust level may have been due to demolition activity inside the site. LMCCC inspectors will continue to monitor this location.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/10/2009

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 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                | 0.058                                | 74.1       | 10:19 |
| 2                    | Middle of Site along Albany      | 0.087                                | 73.4       | 10:21 |
| 3                    | Washington & Albany              | 0.061                                | 74.9       | 10:23 |
| 4                    | Washington b/t Albany & Carlisle | 0.058                                | 72.1       | 10:25 |
| 5                    | Carlisle & Washington            | 0.060                                | 71.9       | 10:27 |

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

## Weather

RH: 45%; Wind: SW 4mph; 93 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: 8/10/2009

Location: 50 West St. (3260)

## 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                    | Washington (NE corner of site)  | 0.039                                | 68.3       | 10:38 |
| 2                    | Washington & J.P. Ward          | 0.044                                | 68.8       | 10:40 |
| 3                    | J.P. Ward b/w Washington & West | 0.042                                | 69.3       | 10:42 |
| 4                    | J.P. Ward & West                | 0.057                                | 70.1       | 10:44 |
| 5                    | West (NW corner of site)        | 0.052                                | 70.5       | 10:46 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/10/2009

Location: 99 Washington Street  
(5260)

## 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 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 | 0.049                                | 69.3       | 10:31 |
| 2                    | Rector & Washington               | 0.055                                | 69.7       | 10:33 |
| 3                    | Washington b/t Rector & Carlisle  | 0.053                                | 70.1       | 10:35 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/10/2009

Location: BPCA Site 2B  
55 Battery Pl.  
(5530)

## 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 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.           | 0.044                                | 71.3       | 10:51 |
| 2                    | 2 <sup>nd</sup> Pl. (Middle of site)                      | 0.049                                | 73.4       | 10:53 |
| 3                    | 2 <sup>nd</sup> Pl. & Battery Pl.                         | 0.042                                | 73.9       | 10:55 |
| 4                    | Battery Pl. b/w 2 <sup>nd</sup> Pl. & 1 <sup>st</sup> Pl. | 0.037                                | 71.8       | 10:57 |
| 5                    | 1 <sup>st</sup> Pl. & Battery Pl.                         | 0.040                                | 73.7       | 10:59 |
| 6                    | 1 <sup>st</sup> Pl. (Middle of site).                     | 0.039                                | 70.8       | 11:01 |
| 7                    | 1 <sup>st</sup> Pl. b/w Promenade & Battery Pl.           | 0.038                                | 69.7       | 11:03 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/10/2009  
 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        | 0.044                                | 70.7       | 11:09 |
| 2                    | George Dewey b/w State & South     | 0.039                                | 68.9       | 11:11 |
| 3                    | State & Peter Minuet Plaza         | 0.041                                | 69.7       | 11:13 |
| 4                    | State b/w Peter Minuet & Whitehall | 0.069                                | 68.3       | 11:15 |
| 5                    | State & Whitehall                  | 0.065                                | 69.9       | 11:17 |
| 6                    | Midpoint on Ferry entrance walkway | 0.050                                | 69.3       | 11:19 |
| 7                    | Ferry entrance                     | 0.042                                | 67.9       | 11:21 |

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

## Weather

RH: 45%; Wind: SW, 4 mph; 93 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: 8/14/2009

Location: Fiterman Hall (0930)

## 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 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               | 0.042                                | 71.4       | 11:03 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.037                                | 68.9       | 11:05 |
| 3                    | Park Place & Greenwich                   | 0.029                                | 71.0       | 11:07 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.043                                | 73.8       | 11:09 |
| 5                    | Barclay & Greenwich                      | 0.089                                | 72.7       | 11:11 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.049                                | 72.9       | 11:13 |
| 7                    | Barclay & West Broadway                  | 0.021                                | 73.6       | 11:15 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.031                                | 75.4       | 11:17 |

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: 66%; Wind:1-2 mph; 78 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: 8/14/2009

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 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)   | 0.044                                | 70.6       | 13:32 |
| 2                    | New St (middle of site)    | 0.039                                | 71.0       | 13:34 |
| 3                    | New St (N. edge of site)   | 0.041                                | 70.2       | 13:36 |
| 4                    | Broad St (N. edge of site) | 0.042                                | 69.3       | 13:38 |
| 5                    | Broad St (middle of site)  | 0.048                                | 68.4       | 13:40 |
| 6                    | Broad St (S. edge of site) | 0.046                                | 68.5       | 13:42 |

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

## Weather

RH: 53%; Wind:1-2 mph; 83 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: 8/14/2009

Location: 57 Reade St (1770)

## 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 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                    | Broadway, south corner of site | 0.053                                | 71.8       | 10:05 |
| 2                    | Broadway, north corner of site | 0.055                                | 71.1       | 10:08 |
| 3                    | Reade (site entrance)          | 0.038                                | 76.8       | 10:11 |

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: 66%; Wind:1-2 mph; 78 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: 8/14/2009

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 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                    | Franklin St (western edge of site) | 0.030                                | 77.1       | 10:25 |
| 2                    | Franklin St (eastern edge of site) | 0.052                                | 86.5       | 10:28 |

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: 66%; Wind:1-2 mph; 78 degrees; sunny

## Discussion

An elevated noise reading was observed at ID #2. The cause of the elevated noise level was a garbage truck removing waste from the construction site.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/14/2009

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 | 0.046                                | 68.7       | 13:58 |
| 2                    | Middle of Site           | 0.063                                | 67.9       | 14:01 |
| 3                    | Wall & Pearl             | 0.044                                | 69.4       | 14:04 |

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

RH: 53%; Wind:1-2 mph; 83 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: 8/14/2009

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)  | 0.051                                | 69.8       | 13:46 |
| 2                    | Stone St. (western end of site)  | 0.040                                | 68.7       | 13:48 |
| 3                    | Bridge St. (western end of site) | 0.036                                | 67.4       | 13:50 |
| 4                    | Bridge St. (eastern end of site) | 0.057                                | 67.2       | 13:52 |

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

RH: 53%; Wind:1-2 mph; 83 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: 8/14/2009

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 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) | 0.082                                | 70.8       | 14:08 |
| 2                    | Water St. (N. edge of site) | 0.066                                | 70.2       | 14:10 |

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

## Weather

RH: 53%; Wind:1-2 mph; 83 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: 8/14/2009

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 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 Edge of Site | 0.037                                | 67.3       | 10:18 |
| 2                    | North Edge of Site | 0.051                                | 66.2       | 10:21 |

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: 66%; Wind:1-2 mph; 78 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: 8/14/2009

Location: NYSE Security Project  
(5510)

## Objective:

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

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

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

| Monitoring ID Number | Locations                    | Respirable Dust (mg/m <sup>3</sup> ) | Noise (dB) | Time  |
|----------------------|------------------------------|--------------------------------------|------------|-------|
| 1                    | Broad(NorthWest end of site) | 0.046                                | 68.8       | 13:23 |
| 2                    | Broad(NorthEast end of site) | 0.063                                | 69.3       | 13:25 |
| 3                    | Broad(SouthEast end of site) | 0.039                                | 70.1       | 13:27 |
| 4                    | Broad(SouthWest end of site) | 0.046                                | 69.4       | 13:29 |

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

RH: 53%; Wind:1-2 mph; 83 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: 8/14/2009

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 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                    | Mott (North end of Site) | 0.047                                | 74.8       | 10:37 |
| 2                    | Mott (South end of Site) | 0.051                                | 74.4       | 10:39 |

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

RH: 66%; Wind:1-2 mph; 78 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: 8/14/2009

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 | 0.045                                | 72.3       | 14:16 |
| 2                    | Middle of Site     | 0.031                                | 73.4       | 14:19 |
| 3                    | South edge of site | 0.028                                | 73.8       | 14:22 |

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

RH: 53%; Wind:1-2 mph; 83 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: 8/14/2009

Location: 59 East Broadway  
(6160)

## 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 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 of Site | 0.055                                | 71.8       | 10:44 |
| 2                    | South end of Site | 0.057                                | 70.1       | 10:46 |

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

RH: 66%; Wind:1-2 mph; 78 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: 8/17/2009

Location: WTC Projects

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

## Objective:

At the direction of Tom Kunkel, respirable dust (0.1 to 10 $\mu$ m) and noise mobile monitoring was conducted at the above Lower Manhattan construction sites 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                       | 0.071                                | 72.7       | 14:02 |
| 2                    | Vesey & Washington                 | 0.073                                | 73.0       | 14:04 |
| 3                    | PATH Entrance                      | 0.069                                | 69.5       | 14:06 |
| 4                    | Vesey b/w W. Broadway and Church   | 0.071                                | 71.5       | 14:08 |
| 5                    | Church & Vesey                     | 0.060                                | 70.3       | 14:10 |
| 6                    | Church & Fulton                    | 0.087                                | 71.7       | 14:12 |
| 7                    | Church & Dey                       | 0.093                                | 70.2       | 14:14 |
| 8                    | Church & Cortlandt                 | 0.104                                | 72.4       | 14:16 |
| 9                    | Trinity & Liberty                  | 0.078                                | 72.9       | 14:18 |
| 10                   | Liberty & greenwich                | 0.082                                | 72.7       | 14:20 |
| 11                   | Liberty b/w Washington & Greenwich | 0.087                                | 71.6       | 14:22 |
| 12                   | Liberty & washington               | 0.084                                | 71.9       | 14:24 |
| 13                   | Liberty b/w West & Washington      | 0.071                                | 70.5       | 14:26 |

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: 46%; Wind: NW, 2 mph; 91 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: 8/17/2009

Location: 9A - Phase 2 (0020)

## 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 b/w Albany & Carlisle    | 0.112                                | 68.6       | 09:44 |
| 2                    | Albany & West (NW corner)     | 0.105                                | 72.4       | 09:46 |
| 3                    | Mid West b/t Albany & Liberty | 0.114                                | 71.7       | 09:48 |
| 4                    | West & Liberty (SW Corner)    | 0.068                                | 70.3       | 09:50 |
| 5                    | 1/3 West b/t Liberty & Vesey  | 0.072                                | 68.9       | 09:52 |
| 6                    | Mid West b/t Liberty & Vesey  | 0.062                                | 69.5       | 09:54 |
| 7                    | 2/3 West b/t Liberty & Vesey  | 0.061                                | 70.8       | 09:56 |
| 8                    | West & Vesey (SW corner)      | 0.064                                | 71.6       | 09:58 |
| 9                    | West & Vesey (NE Corner)      | 0.053                                | 76.5       | 10:02 |
| 10                   | West b/t Vesey & Murray       | 0.075                                | 70.6       | 10:04 |
| 11                   | West & Murray (SE corner)     | 0.061                                | 74.3       | 10:06 |
| 12                   | West & Murray (NE corner)     | 0.074                                | 71.8       | 10:08 |
| 13                   | Mid. West b/t Murray & Warren | 0.072                                | 73.7       | 10:10 |
| 14                   | West & Warren (SE corner)     | 0.082                                | 71.7       | 10:12 |
| 15                   | West & Chambers               | 0.079                                | 70.3       | 10:14 |

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

## Weather

RH: 57%; Wind: NW, 2 mph; 85 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: 8/17/2009

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 & William          | 0.063                    | 69.5       | 13:23 |
| 2                    | Beekman b/t William & Gold | 0.077                    | 67.5       | 13:25 |
| 3                    | Beekman & Nassau           | 0.079                    | 69.2       | 13:27 |

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

RH: 46%; Wind: NW, 2 mph; 91 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: 8/17/2009

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     | 0.061                                | 70.7       | 10:26 |
| 2                    | Warren and North End Ave.         | 0.085                                | 83.2       | 10:28 |
| 3                    | Warren b/t North End and West St. | 0.077                                | 81.2       | 10:30 |

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

RH: 57%; Wind: NW, 2 mph; 85 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: 8/17/2009

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                                  | 0.078                                | 70.4       | 10:35 |
| 2                    | Vesey, midway b/t gates                       | 0.085                                | 69.6       | 10:37 |
| 3                    | Wvesey, SW corner of site                     | 0.068                                | 71.2       | 10:39 |
| 4                    | Midway on Westside of site b/t Murray & Vesey | 0.074                                | 71.8       | 10:41 |
| 5                    | Murray, NW corner of site                     | 0.089                                | 76.5       | 10:43 |
| 6                    | Murray at gate mid-way                        | 0.067                                | 71.1       | 10:45 |
| 7                    | West & Murray                                 | 0.082                                | 73.7       | 10:47 |
| 8                    | Barclay & West                                | 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

RH: 57%; Wind: NW, 2 mph; 85 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: 8/17/2009

Location: Fiterman Hall (0930)

## 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 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               | 0.064                                | 68.8       | 10:52 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.076                                | 68.5       | 10:54 |
| 3                    | Park Place & Greenwich                   | 0.054                                | 72.6       | 10:56 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.329                                | 67.6       | 10:58 |
| 5                    | Barclay & Greenwich                      | 0.082                                | 70.9       | 11:00 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.222                                | 73.1       | 11:02 |
| 7                    | Barclay & West Broadway                  | 0.072                                | 70.8       | 11:04 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.074                                | 71.3       | 11:06 |

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: 57%; Wind: NW 2 mph; 85 degrees; sunny

## Discussion

An elevated dust reading was observed at ID# 4 & 6. A point source for the elevated dust reading was not identified.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/17/2009

Location: Fiterman Hall (0930)

## 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 Broadway & Park Place               | 0.124                                | 70.1       | 13:43 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.078                                | 67.2       | 13:45 |
| 3                    | Park Place & Greenwich                   | 0.072                                | 66.5       | 13:47 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.112                                | 69.1       | 13:49 |
| 5                    | Barclay & Greenwich                      | 0.091                                | 68.9       | 13:51 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.080                                | 69.4       | 13:53 |
| 7                    | Barclay & West Broadway                  | 0.076                                | 71.2       | 13:55 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.073                                | 71.8       | 13:57 |

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

## Weather

RH: 57%; Wind: NW, 2 mph; 85 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: 8/17/2009

Location: BPC Site 24 (2990)

## 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                    | Murray b/t North End Ave. & split | 0.082                                | 75.6       | 10:20 |
| 2                    | Murray and North End Ave.         | 0.106                                | 79.6       | 10:22 |
| 3                    | North End b/w Murray & Warren     | 0.069                                | 75.8       | 10:24 |

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: 57%; Wind: NW, 2 mph; 85 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: 8/17/2009

Location: 99 Church Street  
(5420)

## 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                    | Barclay b/t Broadway & Church | 0.080                                | 69.7       | 13:31 |
| 2                    | Barclay & Church              | 0.068                                | 70.6       | 13:33 |
| 3                    | Church b/w Barclay & Park     | 0.065                                | 71.0       | 13:35 |
| 4                    | Park & Church                 | 0.082                                | 71.7       | 13:37 |
| 5                    | Park b/t Church & Broadway    | 0.069                                | 70.900     | 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: 46%; Wind: NW, 2 mph; 91 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: 8/18/2009

Location: Fiterman Hall (0930)

## 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 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               | 0.042                                | 69.2       | 16:03 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.045                                | 74.3       | 16:02 |
| 3                    | Park Place & Greenwich                   | 0.052                                | 67.8       | 16:01 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.053                                | 75.9       | 16:00 |
| 5                    | Barclay & Greenwich                      | 0.060                                | 67.7       | 15:58 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.033                                | 64.8       | 15:58 |
| 7                    | Barclay & West Broadway                  | 0.042                                | 65.0       | 15:57 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.040                                | 68.0       | 16:04 |

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

## Weather

RH: 65%; Wind: 9 mph, S; 84 degrees; sunny with scattered clouds

## Discussion

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

Evan Brown  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/19/2009

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 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)   | 0.034                                | 71.9       | 14:01 |
| 2                    | New St (middle of site)    | 0.032                                | 74.2       | 14:02 |
| 3                    | New St (N. edge of site)   | 0.021                                | 72.6       | 14:03 |
| 4                    | Broad St (N. edge of site) | 0.052                                | 70.3       | 14:04 |
| 5                    | Broad St (middle of site)  | 0.049                                | 70.3       | 14:05 |
| 6                    | Broad St (S. edge of site) | 0.046                                | 71.4       | 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

RH-40-50%, SW-5-10mph, 89F, Partly cloudy

## Discussion

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

*V Balasubramanian*

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/19/2009

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)  | 0.054                                | 68.8       | 14:11 |
| 2                    | Stone St. (western end of site)  | 0.048                                | 74.2       | 14:12 |
| 3                    | Bridge St. (western end of site) | 0.068                                | 68.8       | 14:13 |
| 4                    | Bridge St. (eastern end of site) | 0.058                                | 68.3       | 14:14 |

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

RH-40-50%, SW-5-10mph, 89F, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/19/2009

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 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) | 0.044                                | 77.5       | 14:30 |
| 2                    | Water St. (N. edge of site) | 0.041                                | 70.9       | 14:31 |

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-40-50%, SW-5-10mph, 89F, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/19/2009

Location: NYSE Security Project  
(5510)

## 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                    | Broad(NorthWest end of site) | 0.043                                | 74.8       | 13:55 |
| 2                    | Broad(NorthEast end of site) | 0.035                                | 74.3       | 13:56 |
| 3                    | Broad(SouthEast end of site) | 0.046                                | 71.7       | 13:57 |
| 4                    | Broad(SouthWest end of site) | 0.041                                | 71.6       | 13:58 |

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

RH-40-50%, SW-5-10mph, 89F, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/19/2009

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 | 0.072                                | 77.9       | 14:40 |
| 2                    | Middle of Site     | 0.059                                | 74.6       | 14:41 |
| 3                    | South edge of site | 0.048                                | 76.3       | 14:42 |

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

RH-40-50%, SW-5-10mph, 89F, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/20/2009

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) | 0.031                                | 69.9       | 13:45 |
| 2                    | Liberty b/t Greenwich & Washington  | 0.062                                | 76.5       | 13:46 |
| 3                    | Greenwich & Liberty                 | 0.070                                | 76.7       | 13:47 |
| 4                    | Greenwich & Cedar                   | 0.055                                | 71.4       | 13:48 |
| 5                    | Greenwich & Albany                  | 0.031                                | 77.9       | 13:49 |
| 6                    | Albany b/t Washington & Greenwich   | 0.054                                | 71.7       | 13:50 |
| 7                    | Albany & Washington                 | 0.050                                | 77.2       | 13:51 |

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: 85F, RH-60-70%, SE-5-10mph, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/20/2009

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 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                    | Southwest corner of 130 Cedar | 0.039                                | 72.6       | 13:52 |
| 2                    | Midpoint of site on Albany    | 0.023                                | 76.6       | 13:53 |
| 3                    | Albany & Washington           | 0.083                                | 82.1       | 13:54 |

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

Temperature: 85F, RH-60-70%, SE-5-10mph, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/20/2009

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 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                | 0.063                                | 72.1       | 13:55 |
| 2                    | Middle of Site along Albany      | 0.027                                | 74.2       | 13:56 |
| 3                    | Washington & Albany              | 0.028                                | 79.4       | 13:57 |
| 4                    | Washington b/t Albany & Carlisle | 0.039                                | 81.7       | 13:58 |
| 5                    | Carlisle & Washington            | 0.038                                | 75.8       | 13:59 |

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

## Weather

Temperature: 85F, RH-60-70%, SE-5-10mph, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/20/2009

Location: 50 West St. (3260)

## 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 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)  | 0.018                                | 70.0       | 14:04 |
| 2                    | Washington & J.P. Ward          | 0.019                                | 71.6       | 14:05 |
| 3                    | J.P. Ward b/w Washington & West | 0.021                                | 70.4       | 14:06 |
| 4                    | J.P. Ward & West                | 0.039                                | 71.3       | 14:07 |
| 5                    | West (NW corner of site)        | 0.027                                | 76.9       | 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: 85F, RH-60-70%, SE-5-10mph, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/20/2009

Location: 99 Washington Street  
(5260)

## 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                    | Rector b/t Greenwich & Washington | 0.047                                | 79.0       | 14:00 |
| 2                    | Rector & Washington               | 0.026                                | 81.4       | 14:01 |
| 3                    | Washington b/t Rector & Carlisle  | 0.017                                | 75.5       | 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

Temperature: 85F, RH-60-70%, SE-5-10mph, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/20/2009

Location: BPCA Site 2B  
55 Battery Pl.  
(5530)

## 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 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.           | 0.018                                | 75.4       | 14:32 |
| 2                    | 2 <sup>nd</sup> Pl. (Middle of site)                      | 0.033                                | 72.3       | 14:33 |
| 3                    | 2 <sup>nd</sup> Pl. & Battery Pl.                         | 0.032                                | 79.1       | 14:34 |
| 4                    | Battery Pl. b/w 2 <sup>nd</sup> Pl. & 1 <sup>st</sup> Pl. | 0.021                                | 68.9       | 14:35 |
| 5                    | 1 <sup>st</sup> Pl. & Battery Pl.                         | 0.017                                | 70.9       | 14:36 |
| 6                    | 1 <sup>st</sup> Pl. (Middle of site).                     | 0.040                                | 76.6       | 14:37 |
| 7                    | 1 <sup>st</sup> Pl. b/w Promenade & Battery Pl.           | 0.032                                | 74.0       | 14:38 |

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: 85F, RH-60-70%, SE-5-10mph, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/20/2009  
 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        | 0.023                                | 71.3       | 14:50 |
| 2                    | George Dewey b/w State & South     | 0.024                                | 71.8       | 14:51 |
| 3                    | State & Peter Minuet Plaza         | 0.039                                | 76.4       | 14:52 |
| 4                    | State b/w Peter Minuet & Whitehall | 0.044                                | 68.0       | 14:53 |
| 5                    | State & Whitehall                  | 0.028                                | 75.4       | 14:54 |
| 6                    | Midpoint on Ferry entrance walkway | 0.030                                | 81.2       | 14:55 |
| 7                    | Ferry entrance                     | 0.016                                | 75.0       | 14:56 |

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: 85F, RH-60-70%, SE-5-10mph, Partly cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/21/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-west Broadway>Church  
(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            | 0.036                                | 69.2       | 10:40 |
| 2                    | Park b/w Broadway & Church | 0.033                                | 68.7       | 10:42 |
| 3                    | Park & Church              | 0.034                                | 70.8       | 10:44 |

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

## Weather

RH: 60%; Wind: S 2-4mph; 86 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: 8/21/2009

Location: NYCDOT/DDC  
(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                    | Liberty & William          | 0.039                                | 69.8       | 13:32 |
| 2                    | Liberty b/w William & Gold | 0.045                                | 70.5       | 13:34 |
| 3                    | Liberty & Gold             | 0.033                                | 68.9       | 13:36 |
| 4                    | Maiden b/w Gold & Pearl    | 0.051                                | 72.1       | 13:38 |
| 5                    | Maiden & Pearl             | 0.037                                | 70.8       | 13:40 |
| 6                    | Maiden b/w Pearl & Water   | 0.029                                | 68.8       | 13:42 |

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

RH: 60%; Wind: S 2-4mph; 92 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: 8/21/2009

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)   | 0.074                                | 74.6       | 14:30 |
| 2                    | Fulton b/w Broadway Nassau                 | 0.088                                | 75.4       | 14:33 |
| 3                    | Broadway & Fulton                          | 0.033                                | 75.9       | 14:36 |
| 4                    | Broadway b/t Fulton & John (Site Entrance) | 0.046                                | 76.5       | 14:39 |
| 5                    | Broadway 2/3 to John (South end of site)   | 0.081                                | 76.7       | 14:42 |
| 6                    | Broadway & John                            | 0.089                                | 74.7       | 14:45 |
| 7                    | John outside Fulton St Subway Station Exit | 0.086                                | 70.2       | 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: 60%; Wind: S 2-4mph; 92 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: 8/21/2009

Location: Fiterman Hall (0930)

## 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 Broadway & Park Place               | 0.031                                | 70.7       | 10:22 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.036                                | 67.4       | 10:24 |
| 3                    | Park Place & Greenwich                   | 0.032                                | 69.2       | 10:26 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.104                                | 72.1       | 10:28 |
| 5                    | Barclay & Greenwich                      | 0.044                                | 71.3       | 10:30 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.024                                | 69.7       | 10:32 |
| 7                    | Barclay & West Broadway                  | 0.036                                | 72.0       | 10:34 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.028                                | 71.8       | 10:36 |

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%; Wind: S 2-4mph; 86 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: 8/21/2009

Location: Burling Slip Park (1960)

## 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 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           | 0.035                                | 67.6       | 13:59 |
| 2                    | John b/w Front & South Streets | 0.044                                | 68.9       | 14:01 |
| 3                    | John & South Streets           | 0.037                                | 70.2       | 14:03 |
| 3                    | Liberty & Gold                 | 0.043                                | 70.5       | 14:05 |
| 4                    | Maiden b/w Gold & Pearl        | 0.024                                | 68.7       | 14:07 |
| 6                    | John & Front Streets           | 0.032                                | 66.9       | 14:09 |

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%; Wind: S 2-4mph; 92 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: 8/21/2009

Location: 99 Church Street  
(5420)

## 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                    | Barclay b/t Broadway & Church | 0.027                                | 70.9       | 10:48 |
| 2                    | Barclay & Church              | 0.044                                | 70.4       | 10:50 |
| 3                    | Church b/w Barclay & Park     | 0.032                                | 79.3       | 10:52 |
| 4                    | Park & Church                 | 0.050                                | 69.1       | 10:54 |
| 5                    | Park b/t Church & Broadway    | 0.045                                | 67.5       | 10:56 |

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: 60%; Wind: S 2-4mph; 86 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: 8/21/2009

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) | 0.026                                | 69.2       | 13:26 |
| 2                    | Liberty(East end of Site) | 0.020                                | 68.8       | 13:28 |

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%; Wind: S 2-4mph; 92 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: 8/21/2009

Location: 155 Water Street  
(6170)

## 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                    | Fletcher b/w Water & Front  | 0.034                                | 71.2       | 13:47 |
| 2                    | Fletcher & Water            | 0.048                                | 71.5       | 13:49 |
| 3                    | Water b/w Fletcher & Maiden | 0.041                                | 71.1       | 13:51 |
| 4                    | Water & Maiden              | 0.058                                | 72.8       | 13:53 |
| 5                    | Maiden b/w Water & Front    | 0.086                                | 72.4       | 13:55 |

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

RH: 60%; Wind: S 2-4mph; 92 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: 8/21/2009

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                       | 0.020                                | 74.4       | 11:01 |
| 2                    | Vesey & Washington                 | 0.042                                | 73.9       | 11:03 |
| 3                    | PATH Entrance                      | 0.025                                | 71.3       | 11:05 |
| 4                    | Vesey b/w W. Broadway and Church   | 0.023                                | 70.8       | 11:07 |
| 5                    | Church & Vesey                     | 0.020                                | 70.1       | 11:09 |
| 6                    | Church & Fulton                    | 0.035                                | 70.5       | 11:13 |
| 7                    | Church & Dey                       | 0.030                                | 70.9       | 11:15 |
| 8                    | Church & Cortlandt                 | 0.050                                | 72.9       | 11:17 |
| 9                    | Trinity & Liberty                  | 0.048                                | 75.1       | 11:19 |
| 10                   | Liberty & greenwich                | 0.057                                | 71.8       | 11:21 |
| 11                   | Liberty b/w Washington & Greenwich | 0.058                                | 73.4       | 11:23 |
| 12                   | Liberty & washington               | 0.071                                | 76.7       | 11:25 |
| 13                   | Liberty b/w West & Washington      | 0.084                                | 72.3       | 11:27 |

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

RH: 60%; Wind: S 2-4mph; 86 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: 8/24/2009

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                    | West b/w Albany & Carlisle    | 0.027                                | 72.3       | 13:44 |
| 2                    | Albany & West (NW corner)     | 0.032                                | 70.6       | 13:46 |
| 3                    | Mid West b/t Albany & Liberty | 0.037                                | 71.8       | 13:48 |
| 4                    | West & Liberty (SW Corner)    | 0.031                                | 71.4       | 13:50 |
| 5                    | 1/3 West b/t Liberty & Vesey  | 0.044                                | 70.6       | 13:52 |
| 6                    | Mid West b/t Liberty & Vesey  | 0.031                                | 71.1       | 13:54 |
| 7                    | 2/3 West b/t Liberty & Vesey  | 0.027                                | 71.3       | 13:56 |
| 8                    | West & Vesey (SW corner)      | 0.044                                | 72.8       | 13:58 |
| 9                    | West & Vesey (NE Corner)      | 0.040                                | 71.8       | 14:02 |
| 10                   | West b/t Vesey & Murray       | 0.031                                | 69.9       | 14:04 |
| 11                   | West & Murray (SE corner)     | 0.071                                | 83.7       | 14:06 |
| 12                   | West & Murray (NE corner)     | 0.035                                | 74.5       | 14:08 |
| 13                   | Mid. West b/t Murray & Warren | 0.044                                | 69.8       | 14:10 |
| 14                   | West & Warren (SE corner)     | 0.030                                | 69.2       | 14:12 |
| 15                   | West & Chambers               | 0.028                                | 71.5       | 14:14 |

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

## Weather

RH: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

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 dust 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                  | 0.016                    | 71.7       | 10:30 |
| 2                    | Beekman b/t William & Gold      | 0.022                    | 74.8       | 10:32 |
| 3                    | Beekman & Nassau                | 0.026                    | 74.5       | 10:34 |
| 4                    | Beekman b/w Nassau and Park Row | 0.030                    | 75.1       | 10:36 |

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: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

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     | 0.026                                | 76.3       | 14:18 |
| 2                    | Warren and North End Ave.         | 0.037                                | 72.5       | 14:22 |
| 3                    | Warren b/t North End and West St. | 0.029                                | 73.1       | 14:24 |

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: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

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                                  | 0.027                                | 69.4       | 14:38 |
| 2                    | Vesey, midway b/t gates                       | 0.026                                | 67.6       | 14:40 |
| 3                    | W/vesey, SW corner of site                    | 0.029                                | 66.4       | 14:42 |
| 4                    | Midway on Westside of site b/t Murray & Vesey | 0.039                                | 65.7       | 14:44 |
| 5                    | Murray, NW corner of site                     | 0.026                                | 73.3       | 14:46 |
| 6                    | Murray at gate mid-way                        | 0.027                                | 72.9       | 14:48 |
| 7                    | West & Murray                                 | 0.033                                | 71.8       | 14:50 |
| 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 Q-300 Noise Dosimeter designed to measure sound level

## Weather

RH: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

Location: 189 Broadway - CATEX  
(0610)

## Objective:

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

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

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

| Monitoring ID Number | Locations                    | Respirable Dust (mg/m <sup>3</sup> ) | Noise (dB) | Time  |
|----------------------|------------------------------|--------------------------------------|------------|-------|
| 1                    | Dey b/w Broadway & Church    | 0.025                                | 71.3       | 09:42 |
| 2                    | Broadway & Dey               | 0.020                                | 69.9       | 09:44 |
| 3                    | Broadway b/w Dey & Cortlandt | 0.027                                | 69.3       | 09:46 |

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

RH: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

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)   | 0.054                                | 80.6       | 09:49 |
| 2                    | Fulton b/w Broadway Nassau                 | 0.024                                | 82.6       | 09:51 |
| 3                    | Broadway & Fulton                          | 0.020                                | 76.9       | 09:53 |
| 4                    | Broadway b/t Fulton & John (Site Entrance) | 0.023                                | 87.3       | 09:55 |
| 5                    | Broadway 2/3 to John (South end of site)   | 0.051                                | 74.9       | 09:57 |
| 6                    | Broadway & John                            | 0.020                                | 72.5       | 09:59 |
| 7                    | John outside Fulton St Subway Station Exit | 0.022                                | 72.1       | 10:01 |

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

## Weather

RH: 63%, Wind: NW, 4 mph; 82 degrees; sunny

## Discussion

An out-of-compliance noise reading was observed at ID #4. The cause of the elevated noise level was the operation of a pneumatic hammer at the site entrance along with construction activity taking place within the site.

Tim Burns  
BEM Systems, Inc.



Construction personnel operating a pneumatic hammer at front entrance along Broadway.



# MOBILE MONITORING REPORT

Date: 8/24/2009

Location: Beekman Tower (0840)

## 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                    | Beekman & Nassau (10 yards in) | 0.018                                | 77.9       | 10:40 |
| 2                    | Beekman b/t William & Nassau   | 0.023                                | 72.3       | 10:42 |
| 3                    | Beekman & William              | 0.022                                | 69.7       | 10:44 |
| 4                    | Walkway b/w Spruce & Beekman   | 0.019                                | 74.8       | 10:46 |
| 5                    | Spruce & William               | 0.016                                | 73.5       | 10:48 |
| 6                    | Spruce b/w William & Nassau    | 0.014                                | 71.7       | 10:50 |
| 7                    | Spruce & Nassau (10 yards in)  | 0.015                                | 78.7       | 10:52 |

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

## Weather

RH: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

Location: BPC Site 24 (2990)

## 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                    | Murray b/t North End Ave. & split | 0.024                                | 76.7       | 14:28 |
| 2                    | Murray and North End Ave.         | 0.036                                | 75.8       | 14:30 |
| 3                    | North End b/w Murray & Warren     | 0.034                                | 73.2       | 14:32 |

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

## Weather

RH: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

Location: Fulton Street  
(5410)

## 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                    | Fulton b/w Church and Broadway       | 0.049                                | 76.4       | 10:04 |
| 2                    | Fulton b/w Broadway Nassau           | 0.041                                | 82.9       | 10:06 |
| 3                    | Fulton and Dutch St                  | 0.031                                | 68.9       | 10:08 |
| 4                    | Fulton & William                     | 0.019                                | 83.1       | 10:10 |
| 5                    | Fulton b/w William and Gold St       | 0.038                                | 71.3       | 10:12 |
| 6                    | Fulton and Gold                      | 0.025                                | 66.7       | 10:14 |
| 7                    | John Delury Sr. Plaza                | 0.029                                | 70.6       | 10:16 |
| 8                    | Fulton b/w Ryders Alley and Cliff St | 0.034                                | 70.1       | 10:18 |

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: 63%, Wind: NW, 4 mph; 82 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: 8/24/2009

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         | 0.064                                | 70.2       | 10:21 |
| 2                    | Back of 40 Gold Street | 0.057                                | 71.4       | 10:23 |

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

RH: 63%, Wind: NW, 4 mph; 82 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: 8/25/2009

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        | 0.053                                | 69.4       | 14:26 |
| 2                    | Leonard & Harrison             | 0.033                                | 68.9       | 14:28 |
| 3                    | Leonard & Staple               | 0.036                                | 70.9       | 14:30 |
| 4                    | Leonard b/w Staple & Greenwich | 0.044                                | 70.2       | 14:32 |
| 5                    | Leonard & Greenwich            | 0.040                                | 73.1       | 14:34 |

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

RH: 51%; Wind: S, 5 mph; 81 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: 8/25/2009

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                    | Greenwich & Canal      | 0.039                                | 66.8       | 13:50 |
| 2                    | Greenwich & Watts      | 0.081                                | 76.1       | 13:52 |
| 3                    | Greenwich & Desbrosses | 0.055                                | 68.2       | 13:54 |
| 4                    | Greenwich & Vestry     | 0.035                                | 74.3       | 13:56 |
| 5                    | Greenwich & Laight     | 0.047                                | 68.2       | 13:58 |

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

RH: 51%; Wind: S, 5 mph; 81 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: 8/25/2009

Location: BPC Site 16/17 (0520)

## 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 Ave. b/t Murray & Vesey    | 0.022                                | 67.9       | 14:40 |
| 2                    | North End & Murray                   | 0.019                                | 67.5       | 14:42 |
| 3                    | Murray b/t North End & river Terrace | 0.018                                | 67.2       | 14:44 |
| 4                    | Murray & River Terrace               | 0.023                                | 60.8       | 14:46 |
| 5                    | River Terrace b/t Murray & Vesey     | 0.024                                | 67.0       | 14:48 |
| 6                    | River Terrace & Vesey                | 0.026                                | 68.2       | 14:50 |
| 7                    | Midway along Irish Hunger Memorial   | 0.023                                | 70.7       | 14:52 |
| 8                    | North End & Vesey                    | 0.019                                | 69.3       | 14:54 |

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: 51%; Wind: S, 5 mph; 81 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: 8/25/2009

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)   | 0.032                                | 69.7       | 15:04 |
| 2                    | Fulton b/w Broadway Nassau                 | 0.034                                | 71.7       | 15:06 |
| 3                    | Broadway & Fulton                          | 0.027                                | 71.0       | 15:08 |
| 4                    | Broadway b/t Fulton & John (Site Entrance) | 0.060                                | 74.2       | 15:10 |
| 5                    | Broadway 2/3 to John (South end of site)   | 0.039                                | 71.7       | 15:12 |
| 6                    | Broadway & John                            | 0.025                                | 72.8       | 15:14 |
| 7                    | John outside Fulton St Subway Station Exit | 0.021                                | 70.2       | 15:16 |

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: 51%; Wind: S, 5 mph; 81 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: 8/25/2009

Location: Parker Development  
(1670)

## 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                    | Washington b/t Watts & Debrosses     | 0.042                                | 66.8       | 14:02 |
| 2                    | Washington & Watts                   | 0.033                                | 67.4       | 14:04 |
| 3                    | Watts b/t Washington & West Side     | 0.039                                | 68.9       | 14:06 |
| 4                    | Watts & West Side                    | 0.031                                | 69.2       | 14:08 |
| 5                    | West Side b/t Watts & Debrosses      | 0.029                                | 69.3       | 14:10 |
| 6                    | West side & Debrosses                | 0.026                                | 69.4       | 14:12 |
| 7                    | Debrosses b/t West Side & Washington | 0.023                                | 68.2       | 14:14 |
| 8                    | Debrosses & Washington               | 0.022                                | 67.0       | 14:16 |

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: 51%; Wind: S, 5 mph; 81 degrees; Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/25/2009

Location: NYU Law School  
Library (1730)

## 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                    | Church b/w Worth & Leonard         | 0.043                                | 68.9       | 13:24 |
| 2                    | Church & Leonard                   | 0.039                                | 69.9       | 13:26 |
| 3                    | Leonard b/w Church & West Broadway | 0.045                                | 70.3       | 13:28 |

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: 51%; Wind: S, 5 mph; 81 degrees; Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/25/2009

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)     | 0.033                                | 72.5       | 13:38 |
| 2                    | Lispenard (site entrance) | 0.028                                | 72.1       | 13:42 |

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

## Weather

RH: 51%; Wind: S, 5 mph; 81 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: 8/25/2009

Location: 31 Vestry Street  
(5520)

## 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 of Site | 0.044                                | 70.9       | 14:19 |
| 2                    | South End of Site | 0.024                                | 68.4       | 14:21 |

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: 51%; Wind: S, 5 mph; 81 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: 8/26/2009

Location: NYCDOT/DDC Street Projects  
Park Pl-west Broadway>Church  
(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            | 0.049                                | 69.2       | 14:20 |
| 2                    | Park b/w Broadway & Church | 0.064                                | 68.0       | 14:21 |
| 3                    | Park & Church              | 0.059                                | 73.6       | 14:22 |

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

## Weather

Temperature: Mid 80sF Humidity: 40-50% Wind: 10-15mph W, Partly Cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

**Date:** 8/26/2009  
**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                       | 0.090                                | 78.9       | 14:40 |
| 2                    | Vesey & Washington                 | 0.077                                | 77.2       | 14:41 |
| 3                    | PATH Entrance                      | 0.060                                | 74.5       | 14:42 |
| 4                    | Vesey b/w W. Broadway and Church   | 0.058                                | 75.3       | 14:43 |
| 5                    | Church & Vesey                     | 0.056                                | 74.2       | 14:44 |
| 6                    | Church & Fulton                    | 0.061                                | 75.1       | 14:45 |
| 7                    | Church & Dey                       | 0.050                                | 73.7       | 14:46 |
| 8                    | Church & Cortladt                  | 0.066                                | 75.1       | 14:47 |
| 9                    | Trinity & Liberty                  | 0.056                                | 79.4       | 14:48 |
| 10                   | Liberty & greenwich                | 0.081                                | 72.8       | 14:49 |
| 11                   | Liberty b/w Washington & Greenwich | 0.082                                | 73.9       | 14:50 |
| 12                   | Liberty & washington               | 0.103                                | 71.6       | 14:51 |
| 13                   | Liberty b/w West & Washington      | 0.071                                | 72.0       | 14:52 |

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

## Weather

Temperature: Mid 80sF Humidity: 40-50% Wind: 10-15mph W, Partly Cloudy

## Discussion

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

*V Balasubramanian*

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 8/26/2009

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               | 0.048                                | 71.2       | 11:25 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.072                                | 71.9       | 11:26 |
| 3                    | Park Place & Greenwich                   | 0.101                                | 72.8       | 11:27 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.064                                | 71.7       | 11:28 |
| 5                    | Barclay & Greenwich                      | 0.061                                | 71.5       | 11:29 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.070                                | 73.7       | 11:30 |
| 7                    | Barclay & West Broadway                  | 0.111                                | 71.5       | 11:31 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.070                                | 71.1       | 11:32 |

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

## Weather

Temperature: Mid 80sF Humidity: 40-50% Wind: 10-15mph W, Partly Cloudy

## Discussion

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

Venkat Balasubramanian  
BEM Systems, Inc.

