



# MOBILE MONITORING REPORT

Date: 1/4/2008

Location: 115/125 Cedar St

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                          | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------------------|--------------------------|-----------|-------|
| 1                    | Trinity & Cedar                    | 0.028                    | 04-Jan-08 | 14:52 |
| 2                    | Trinity & Thames                   | 0.040                    | 04-Jan-08 | 14:54 |
| 3                    | Thames b/t Trinity & Greenwich     | 0.034                    | 04-Jan-08 | 14:56 |
| 4                    | Thames & Greenwich                 | 0.045                    | 04-Jan-08 | 14:58 |
| 5                    | Greenwich & Cedar                  | 0.074                    | 04-Jan-08 | 15:00 |
| 6                    | Cedar b/t Greenwich & Trinity      | 0.042                    | 04-Jan-08 | 15:02 |
| 7                    | Liberty & Greenwich (new gate)     | 0.133                    | 04-Jan-08 | 15:04 |
| 8                    | Liberty mid b/t Greenwich & Church | 0.119                    | 04-Jan-08 | 15:06 |
| 9                    | Gate 3 (Liberty & Church)          | 0.038                    | 04-Jan-08 | 15:08 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                          | Noise (dB) | Date      | Time  |
|----------------------|------------------------------------|------------|-----------|-------|
| 1                    | Trinity & Cedar                    | 69.7       | 04-Jan-08 | 14:52 |
| 2                    | Trinity & Thames                   | 73.0       | 04-Jan-08 | 14:54 |
| 3                    | Thames b/t Trinity & Greenwich     | 73.0       | 04-Jan-08 | 14:56 |
| 4                    | Thames & Greenwich                 | 78.0       | 04-Jan-08 | 14:58 |
| 5                    | Greenwich & Cedar                  | 71.1       | 04-Jan-08 | 15:00 |
| 6                    | Cedar b/t Greenwich & Trinity      | 68.1       | 04-Jan-08 | 15:02 |
| 7                    | Liberty & Greenwich (new gate)     | 78.0       | 04-Jan-08 | 15:04 |
| 8                    | Liberty mid b/t Greenwich & Church | 71.1       | 04-Jan-08 | 15:06 |
| 9                    | Gate 3 (Liberty & Church)          | 68.1       | 04-Jan-08 | 15:08 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the low 30s°F, sunny with clear skies.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/4/2008  
 Location: WTC Projects  
(0700, 0730, 0780, 1280, 1320)

## Objective:

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                          | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------------------|--------------------------|-----------|-------|
| 1                    | Gate 7                             | 0.036                    | 04-Jan-08 | 14:58 |
| 2                    | Liberty b/t Washington & Greenwich | 0.050                    | 04-Jan-08 | 15:00 |
| 3                    | Greenwich & Liberty                | 0.178                    | 04-Jan-08 | 15:02 |
| 4                    | Liberty (new gate)                 | 0.133                    | 04-Jan-08 | 15:04 |
| 5                    | Liberty mid b/t Greenwich & Church | 0.119                    | 04-Jan-08 | 15:06 |
| 6                    | Gate 3 (Liberty & Church)          | 0.038                    | 04-Jan-08 | 15:08 |
| 7                    | Church b/t Liberty & Cortlandt     | 0.042                    | 04-Jan-08 | 15:10 |
| 8                    | Church & Cortlandt                 | 0.083                    | 04-Jan-08 | 15:12 |
| 9                    | Church & Dey                       | 0.037                    | 04-Jan-08 | 15:14 |
| 10                   | PATH Entrance/Gate 10              | 0.045                    | 04-Jan-08 | 15:16 |
| 11                   | Liberty b/t Gate 10 and Gate 4     | 0.036                    | 04-Jan-08 | 15:18 |
| 12                   | Vesey & Church                     | 0.102                    | 04-Jan-08 | 15:20 |
| 13                   | Vesey, approx 30 yards from Church | 0.026                    | 04-Jan-08 | 15:22 |
| 14                   | Vesey & Greenwich                  | 0.040                    | 04-Jan-08 | 15:24 |
| 15                   | Washington & Vesey                 | 0.032                    | 04-Jan-08 | 15:26 |
| 16                   | Vesey & Westside (SE corner)       | 0.032                    | 04-Jan-08 | 15:28 |
| 17                   | Westside ¼ to Liberty              | 0.033                    | 04-Jan-08 | 15:30 |
| 18                   | Westside ½ to Liberty              | 0.056                    | 04-Jan-08 | 15:32 |
| 19                   | Westside ¾ to Liberty              | 0.035                    | 04-Jan-08 | 15:34 |
| 20                   | Westside & Liberty                 | 0.028                    | 04-Jan-08 | 15:36 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                          | Noise (dB) | Date      | Time  |
|----------------------|------------------------------------|------------|-----------|-------|
| 1                    | Gate 7                             | 70.6       | 04-Jan-08 | 14:58 |
| 2                    | Liberty b/t Washington & Greenwich | 72.8       | 04-Jan-08 | 15:00 |
| 3                    | Greenwich & Liberty                | 76.7       | 04-Jan-08 | 15:02 |
| 4                    | Liberty (new gate)                 | 79.7       | 04-Jan-08 | 15:04 |
| 5                    | Liberty mid b/t Greenwich & Church | 79.5       | 04-Jan-08 | 15:06 |
| 6                    | Gate 3 (Liberty & Church)          | 76.3       | 04-Jan-08 | 15:08 |
| 7                    | Church b/t Liberty & Cortlandt     | 74.4       | 04-Jan-08 | 15:10 |
| 8                    | Church & Cortlandt                 | 70.2       | 04-Jan-08 | 15:12 |
| 9                    | Church & Dey                       | 66.5       | 04-Jan-08 | 15:14 |
| 10                   | PATH Entrance/Gate 10              | 70.0       | 04-Jan-08 | 15:16 |
| 11                   | Liberty b/t Gate 10 and Gate 4     | 67.3       | 04-Jan-08 | 15:18 |
| 12                   | Vesey & Church                     | 67.9       | 04-Jan-08 | 15:20 |
| 13                   | Vesey, approx 30 yards from Church | 68.0       | 04-Jan-08 | 15:22 |
| 14                   | Vesey & Greenwich                  | 66.9       | 04-Jan-08 | 15:24 |
| 15                   | Washington & Vesey                 | 75.6       | 04-Jan-08 | 15:26 |
| 16                   | Vesey & Westside (SE corner)       | 81.8       | 04-Jan-08 | 15:28 |
| 17                   | Westside ¼ to Liberty              | 71.8       | 04-Jan-08 | 15:30 |
| 18                   | Westside ½ to Liberty              | 68.8       | 04-Jan-08 | 15:32 |
| 19                   | Westside ¾ to Liberty              | 65.2       | 04-Jan-08 | 15:34 |
| 20                   | Westside & Liberty                 | 67.6       | 04-Jan-08 | 15:36 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

**Weather**

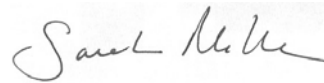
Temperatures were in the low 30s°F, sunny with clear skies.

**Discussion**

Slightly elevated TSP levels were observed near the new gate at Liberty & Greenwich. No vehicles were passing at the time but pedestrian traffic and movement within the site appeared to be disturbing the dust in the roadway.



David Frucher  
Lower Manhattan Construction Command Center



Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/7/2008

Location: 115/125 Cedar St

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                          | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------------------|--------------------------|-----------|-------|
| 1                    | Trinity & Cedar                    | 0.101                    | 07-Jan-08 | 13:20 |
| 2                    | Trinity & Thames                   | 0.092                    | 07-Jan-08 | 13:21 |
| 3                    | Thames b/t Trinity & Greenwich     | 0.089                    | 07-Jan-08 | 13:22 |
| 4                    | Thames & Greenwich                 | 0.099                    | 07-Jan-08 | 13:23 |
| 5                    | Greenwich & Cedar                  | 0.110                    | 07-Jan-08 | 13:24 |
| 6                    | Cedar b/t Greenwich & Trinity      | 0.101                    | 07-Jan-08 | 13:25 |
| 7                    | Liberty & Greenwich (new gate)     | 0.120                    | 07-Jan-08 | 13:26 |
| 8                    | Liberty mid b/t Greenwich & Church | 0.114                    | 07-Jan-08 | 13:27 |
| 9                    | Gate 3 (Liberty & Church)          | 0.115                    | 07-Jan-08 | 13:28 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                          | Noise (dB) | Date      | Time  |
|----------------------|------------------------------------|------------|-----------|-------|
| 1                    | Trinity & Cedar                    | 74.2       | 07-Jan-08 | 13:20 |
| 2                    | Trinity & Thames                   | 72.9       | 07-Jan-08 | 13:21 |
| 3                    | Thames b/t Trinity & Greenwich     | 71.0       | 07-Jan-08 | 13:22 |
| 4                    | Thames & Greenwich                 | 72.7       | 07-Jan-08 | 13:23 |
| 5                    | Greenwich & Cedar                  | 73.5       | 07-Jan-08 | 13:24 |
| 6                    | Cedar b/t Greenwich & Trinity      | 72.8       | 07-Jan-08 | 13:25 |
| 7                    | Liberty & Greenwich (new gate)     | 75.6       | 07-Jan-08 | 13:26 |
| 8                    | Liberty mid b/t Greenwich & Church | 75.9       | 07-Jan-08 | 13:27 |
| 9                    | Gate 3 (Liberty & Church)          | 81.0       | 07-Jan-08 | 13:28 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the high 50s°F, sunny with clear skies.

## Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. But in most readings were observed to be at the higher end of the compliance limit.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/7/2008

Location: 130 Liberty Street  
Deconstruction  
(0800)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                           | TSP (mg/m <sup>3</sup> ) | Date     | Time  |
|----------------------|-------------------------------------|--------------------------|----------|-------|
| 1                    | Liberty & Washington (outside gate) | 0.102                    | 7-Jan-08 | 13:33 |
| 2                    | Liberty b/t Greenwich & Washington  | 0.117                    | 7-Jan-08 | 13:34 |
| 3                    | Greenwich & Liberty                 | 0.112                    | 7-Jan-08 | 13:35 |
| 4                    | Greenwich & Cedar                   | 0.103                    | 7-Jan-08 | 13:36 |
| 5                    | Greenwich & Albany                  | 0.110                    | 7-Jan-08 | 13:37 |
| 6                    | Albany b/t Washington & Greenwich   | 0.101                    | 7-Jan-08 | 13:38 |
| 7                    | Albany & Washington                 | 0.102                    | 7-Jan-08 | 13:39 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                           | Noise (dB) | Date     | Time  |
|----------------------|-------------------------------------|------------|----------|-------|
| 1                    | Liberty & Washington (outside gate) | 66.3       | 7-Jan-08 | 13:33 |
| 2                    | Liberty b/t Greenwich & Washington  | 70.7       | 7-Jan-08 | 13:34 |
| 3                    | Greenwich & Liberty                 | 76.4       | 7-Jan-08 | 13:35 |
| 4                    | Greenwich & Cedar                   | 69.3       | 7-Jan-08 | 13:36 |
| 5                    | Greenwich & Albany                  | 70.7       | 7-Jan-08 | 13:37 |
| 6                    | Albany b/t Washington & Greenwich   | 74.3       | 7-Jan-08 | 13:38 |
| 7                    | Albany & Washington                 | 77.1       | 7-Jan-08 | 13:39 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the high 50s°F, sunny with clear skies.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/7/2008

Location: 130 Cedar (0880)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations   | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | On Cedar between NW corner of 130 Cedar and construction trailers | 0.097                    | 07-Jan-08 | 13:40 |
| 2                    | Northeast corner of 130 Cedar                                     | 0.106                    | 07-Jan-08 | 13:41 |
| 3                    | Midpoint on West side sidewalk (Washington)                       | 0.100                    | 07-Jan-08 | 13:42 |
| 4                    | Albany & Washington   | 0.106                    | 07-Jan-08 | 13:43 |
| 5                    | Albany in front of 130 Cedar                                      | 0.105                    | 07-Jan-08 | 13:44 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations   | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | On Cedar between NW corner of 130 Cedar and construction trailers | 79.2       | 07-Jan-08 | 13:40 |
| 2                    | Northeast corner of 130 Cedar                                     | 72.9       | 07-Jan-08 | 13:41 |
| 3                    | Midpoint on West side sidewalk (Washington)                       | 77.2       | 07-Jan-08 | 13:42 |
| 4                    | Albany & Washington   | 73.2       | 07-Jan-08 | 13:43 |
| 5                    | Albany in front of 130 Cedar                                      | 73.4       | 07-Jan-08 | 13:44 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the high 50s°F, sunny with clear skies.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/7/2008

Location: 90 West Street

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations      | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------|--------------------------|-----------|-------|
| 1                    | 90 West Street | 0.102                    | 07-Jan-08 | 13:46 |
| 2                    | Gate 2 of WTC  | 0.131                    | 07-Jan-08 | 13:47 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations      | Noise (dB) | Date      | Time  |
|----------------------|----------------|------------|-----------|-------|
| 1                    | 90 West Street | 70.0       | 07-Jan-08 | 13:46 |
| 2                    | Gate 2 of WTC  | 74.6       | 07-Jan-08 | 13:47 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the high 50s°F, sunny with clear skies.

## Discussion

No anomalous or out-of-compliance TSP or noise readings were detected at this site. But dust levels were at the higher end of compliance limits.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/7/2008  
 Location: WTC Projects  
(0700, 0730, 0780, 1280, 1320)

## Objective:

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                          | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------------------|--------------------------|-----------|-------|
| 1                    | Gate 7                             | 0.120                    | 07-Jan-08 | 13:52 |
| 2                    | Liberty b/t Washington & Greenwich | 0.123                    | 07-Jan-08 | 13:53 |
| 3                    | Greenwich & Liberty                | 0.121                    | 07-Jan-08 | 13:54 |
| 4                    | Liberty (new gate)                 | 0.123                    | 07-Jan-08 | 13:55 |
| 5                    | Liberty mid b/t Greenwich & Church | 0.137                    | 07-Jan-08 | 13:56 |
| 6                    | Gate 3 (Liberty & Church)          | 0.106                    | 07-Jan-08 | 13:57 |
| 7                    | Church b/t Liberty & Cortlandt     | 0.104                    | 07-Jan-08 | 13:58 |
| 8                    | Church & Cortlandt                 | 0.101                    | 07-Jan-08 | 13:59 |
| 9                    | Church & Dey                       | 0.179                    | 07-Jan-08 | 14:00 |
| 10                   | PATH Entrance                      | 0.091                    | 07-Jan-08 | 14:01 |
| 11                   | Gate 10                            | 0.115                    | 07-Jan-08 | 14:02 |
| 12                   | Vesey & Church                     | 0.095                    | 07-Jan-08 | 14:03 |
| 13                   | Vesey, approx 30 yards from Church | 0.080                    | 07-Jan-08 | 14:04 |
| 14                   | Vesey & Greenwich                  | 0.067                    | 07-Jan-08 | 14:05 |
| 15                   | Washington & Vesey                 | 0.073                    | 07-Jan-08 | 14:06 |
| 16                   | Vesey & Westside (SE corner)       | 0.109                    | 07-Jan-08 | 14:07 |
| 17                   | Westside ¼ to Liberty              | 0.070                    | 07-Jan-08 | 14:08 |
| 18                   | Westside ½ to Liberty              | 0.107                    | 07-Jan-08 | 14:09 |
| 19                   | Westside ¾ to Liberty              | 0.096                    | 07-Jan-08 | 14:10 |
| 20                   | Westside & Liberty                 | 0.089                    | 07-Jan-08 | 14:11 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                          | Noise (dB) | Date      | Time  |
|----------------------|------------------------------------|------------|-----------|-------|
| 1                    | Gate 7                             | 80.5       | 07-Jan-08 | 13:52 |
| 2                    | Liberty b/t Washington & Greenwich | 76.1       | 07-Jan-08 | 13:53 |
| 3                    | Greenwich & Liberty                | 84.7       | 07-Jan-08 | 13:54 |
| 4                    | Liberty (new gate)                 | 85.0       | 07-Jan-08 | 13:55 |
| 5                    | Liberty mid b/t Greenwich & Church | 82.4       | 07-Jan-08 | 13:56 |
| 6                    | Gate 3 (Liberty & Church)          | 79.0       | 07-Jan-08 | 13:57 |
| 7                    | Church b/t Liberty & Cortlandt     | 76.4       | 07-Jan-08 | 13:58 |
| 8                    | Church & Cortlandt                 | 78.2       | 07-Jan-08 | 13:59 |
| 9                    | Church & Dey                       | 87.1       | 07-Jan-08 | 14:00 |
| 10                   | PATH Entrance                      | 74.5       | 07-Jan-08 | 14:01 |
| 11                   | Gate 10                            | 72.9       | 07-Jan-08 | 14:02 |
| 12                   | Vesey & Church                     | 75.6       | 07-Jan-08 | 14:03 |
| 13                   | Vesey, approx 30 yards from Church | 80.1       | 07-Jan-08 | 14:04 |
| 14                   | Vesey & Greenwich                  | 73.8       | 07-Jan-08 | 14:05 |
| 15                   | Washington & Vesey                 | 76.9       | 07-Jan-08 | 14:06 |
| 16                   | Vesey & Westside (SE corner)       | 75.8       | 07-Jan-08 | 14:07 |
| 17                   | Westside ¼ to Liberty              | 75.1       | 07-Jan-08 | 14:08 |
| 18                   | Westside ½ to Liberty              | 75.0       | 07-Jan-08 | 14:09 |
| 19                   | Westside ¾ to Liberty              | 71.6       | 07-Jan-08 | 14:10 |
| 20                   | Westside & Liberty                 | 72.8       | 07-Jan-08 | 14:11 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

### Weather

Temperatures were in the high 50s°F, sunny with clear skies.

### Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. Some readings were found to be near the higher end of the compliance limit.



David Frucher  
Lower Manhattan Construction Command Center



Venkat Balasubramanian  
BEM Systems





# MOBILE MONITORING REPORT

Date: 1/7/2008

Location: Fulton Street Transit  
Center  
(0590, 0610)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                  | TSP (mg/m <sup>3</sup> ) | Date     | Time  |
|----------------------|--|--------------------------|----------|-------|
| 1                    | Church & Cortland                          | 0.072                    | 7-Jan-08 | 14:29 |
| 2                    | Church b/t Cortland & Dey                  | 0.131                    | 7-Jan-08 | 14:30 |
| 3                    | Church & Dey                               | 0.104                    | 7-Jan-08 | 14:31 |
| 4                    | Midpoint on Church b/t Dey & Fulton        | 0.086                    | 7-Jan-08 | 14:32 |
| 5                    | Church & Fulton                            | 0.102                    | 7-Jan-08 | 14:33 |
| 6                    | Midpoint on Fulton b/t Church & Broadway   | 0.101                    | 7-Jan-08 | 14:34 |
| 7                    | Midpoint on Fulton b/t Nassau & Broadway   | 0.126                    | 7-Jan-08 | 14:35 |
| 8                    | SE Corner of Fulton & Broadway             | 0.135                    | 7-Jan-08 | 14:36 |
| 9                    | Broadway b/t Fulton and John (¼ to Fulton) | 0.145                    | 7-Jan-08 | 14:37 |
| 10                   | Midpoint Broadway b/t Fulton and John      | 0.124                    | 7-Jan-08 | 14:38 |
| 11                   | Broadway b/t Fulton & John (¼ to John)     | 0.151                    | 7-Jan-08 | 14:39 |
| 12                   | Broadway & John                            | 0.122                    | 7-Jan-08 | 14:40 |
| 13                   | Mid Broadway b/w Cortlandt & Dey (Demo)    | 0.110                    | 7-Jan-08 | 14:41 |
| 14                   | Southwest corner of Broadway & Dey         | 0.082                    | 7-Jan-08 | 14:42 |
| 15                   | Dey, ¼ to Broadway                         | 0.118                    | 7-Jan-08 | 14:43 |
| 16                   | Dey, ½ to Church                           | 0.161                    | 7-Jan-08 | 14:44 |
| 17                   | Dey, ¼ to Church                           | 0.201                    | 7-Jan-08 | 14:45 |
| 18                   | SW corner of Broadway & Cortlandt          | 0.090                    | 7-Jan-08 | 14:46 |
| 19                   | Midpoint Broadway b/t Cortlandt & Liberty  | 0.101                    | 7-Jan-08 | 14:47 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                                  | Noise (dB) | Date     | Time  |
|----------------------|--|------------|----------|-------|
| 1                    | Church & Cortland                          | 76.1       | 7-Jan-08 | 14:29 |
| 2                    | Church b/t Cortland & Dey                  | 75.8       | 7-Jan-08 | 14:30 |
| 3                    | Church & Dey                               | 77.1       | 7-Jan-08 | 14:31 |
| 4                    | Midpoint on Church b/t Dey & Fulton        | 79.3       | 7-Jan-08 | 14:32 |
| 5                    | Church & Fulton                            | 75.1       | 7-Jan-08 | 14:33 |
| 6                    | Midpoint on Fulton b/t Church & Broadway   | 72.8       | 7-Jan-08 | 14:34 |
| 7                    | Midpoint on Fulton b/t Nassau & Broadway   | 70.8       | 7-Jan-08 | 14:35 |
| 8                    | SE Corner of Fulton & Broadway             | 74.3       | 7-Jan-08 | 14:36 |
| 9                    | Broadway b/t Fulton and John (¼ to Fulton) | 78.0       | 7-Jan-08 | 14:37 |
| 10                   | Midpoint Broadway b/t Fulton and John      | 73.6       | 7-Jan-08 | 14:38 |
| 11                   | Broadway b/t Fulton & John (¼ to John)     | 77.4       | 7-Jan-08 | 14:39 |
| 12                   | Broadway & John                            | 74.4       | 7-Jan-08 | 14:40 |
| 13                   | Mid Broadway b/w Cortlandt & Dey (Demo)    | 79.5       | 7-Jan-08 | 14:41 |
| 14                   | Southwest corner of Broadway & Dey         | 73.1       | 7-Jan-08 | 14:42 |
| 15                   | Dey, ¼ to Broadway                         | 77.2       | 7-Jan-08 | 14:43 |
| 16                   | Dey, ½ to Church                           | 77.0       | 7-Jan-08 | 14:44 |
| 17                   | Dey, ¼ to Church                           | 86.7       | 7-Jan-08 | 14:45 |
| 18                   | SW corner of Broadway & Cortlandt          | 74.4       | 7-Jan-08 | 14:46 |
| 19                   | Midpoint Broadway b/t Cortlandt & Liberty  | 75.6       | 7-Jan-08 | 14:47 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

### Weather

Temperatures were in the high 50s°F, sunny with clear skies.

### Discussion

Most readings obtained from this site were towards the higher end of the compliance limit. Data obtained between Broadway and Church on Dey St. were out of compliance.



David Frucher  
Lower Manhattan Construction Command Center



Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/7/2008

Location: Path Temporary Access  
(5280)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                        | TSP (mg/m <sup>3</sup> ) | Date     | Time  |
|----------------------|----------------------------------|--------------------------|----------|-------|
| 1                    | West Broadway & Vesey (eastside) | 0.083                    | 7-Jan-08 | 14:49 |
| 2                    | West Broadway & Vesey (westside) | 0.091                    | 7-Jan-08 | 14:50 |
| 3                    | Greenwich & Vesey                | 0.067                    | 7-Jan-08 | 14:51 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                        | Noise (dB) | Date     | Time  |
|----------------------|----------------------------------|------------|----------|-------|
| 1                    | West Broadway & Vesey (eastside) | 77.2       | 7-Jan-08 | 14:49 |
| 2                    | West Broadway & Vesey (westside) | 78.5       | 7-Jan-08 | 14:50 |
| 3                    | Greenwich & Vesey                | 74.6       | 7-Jan-08 | 14:51 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the high 50s°F, sunny with clear skies.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/7/2008

Location: Marriot Financial  
Center Hotel

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations             | TSP (mg/m <sup>3</sup> ) | Date     | Time  |
|----------------------|-----------------------|--------------------------|----------|-------|
| 1                    | Albany & Washington   | 0.082                    | 7-Jan-08 | 15:00 |
| 2                    | Albany & West         | 0.099                    | 7-Jan-08 | 15:01 |
| 3                    | Carlisle & West       | 0.079                    | 7-Jan-08 | 15:02 |
| 4                    | Carlisle & Washington | 0.086                    | 7-Jan-08 | 15:03 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations             | Noise (dB) | Date     | Time  |
|----------------------|-----------------------|------------|----------|-------|
| 1                    | Albany & Washington   | 72.0       | 7-Jan-08 | 15:00 |
| 2                    | Albany & West         | 71.7       | 7-Jan-08 | 15:01 |
| 3                    | Carlisle & West       | 67.3       | 7-Jan-08 | 15:02 |
| 4                    | Carlisle & Washington | 73.4       | 7-Jan-08 | 15:03 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the high 50s°F, sunny with clear skies.

## Discussion

No anomalous or out-of-compliance TSP readings.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/11/2008

Location: 99 Washington Street  
(5260)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                         | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------------------|--------------------------|-----------|-------|
| 1                    | Rector b/t Greenwich & Washington | 0.029                    | 11-Jan-08 | 15:08 |
| 2                    | Rector & Washington               | 0.031                    | 11-Jan-08 | 15:09 |
| 3                    | Washington b/t Rector & Carlisle  | 0.033                    | 11-Jan-08 | 15:10 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                         | Noise (dB) | Date      | Time  |
|----------------------|-----------------------------------|------------|-----------|-------|
| 1                    | Rector b/t Greenwich & Washington | 66.4       | 11-Jan-08 | 15:08 |
| 2                    | Rector & Washington               | 71.6       | 11-Jan-08 | 15:09 |
| 3                    | Washington b/t Rector & Carlisle  | 66.7       | 11-Jan-08 | 15:10 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 50s°F with cloudy skies .

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/11/2008

Location: 88 Greenwich Street  
(5240)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                             | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---------------------------------------|--------------------------|-----------|-------|
| 1                    | Greenwich & Rector                    | 0.013                    | 11-Jan-08 | 15:16 |
| 2                    | Rector b/t Greenwich & Washington     | 0.024                    | 11-Jan-08 | 15:17 |
| 3                    | Rector & Washington                   | 0.028                    | 11-Jan-08 | 15:18 |
| 4                    | Washington midway along site          | 0.023                    | 11-Jan-08 | 15:19 |
| 5                    | Washington southern edge of site      | 0.025                    | 11-Jan-08 | 15:20 |
| 6                    | Greenwich St., midway along site      | 0.022                    | 11-Jan-08 | 15:21 |
| 7                    | Greenwich St., southern edge of site. | 0.039                    | 11-Jan-08 | 15:22 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                             | Noise (dB) | Date      | Time  |
|----------------------|---------------------------------------|------------|-----------|-------|
| 1                    | Greenwich & Rector                    | 64.0       | 11-Jan-08 | 15:16 |
| 2                    | Rector b/t Greenwich & Washington     | 66.1       | 11-Jan-08 | 15:17 |
| 3                    | Rector & Washington                   | 72.9       | 11-Jan-08 | 15:18 |
| 4                    | Washington midway along site          | 65.1       | 11-Jan-08 | 15:19 |
| 5                    | Washington southern edge of site      | 73.5       | 11-Jan-08 | 15:20 |
| 6                    | Greenwich St., midway along site      | 69.8       | 11-Jan-08 | 15:21 |
| 7                    | Greenwich St., southern edge of site. | 79.7       | 11-Jan-08 | 15:22 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 50s°F with cloudy skies .

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/11/2008

Location: 50 West St. (3260)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--|--------------------------|-----------|-------|
| 1                    | West St. b/t Joseph P. Ward & Rector St. | 0.009                    | 11-Jan-08 | 15:24 |
| 2                    | West St. (in front of Parking lot)       | 0.026                    | 11-Jan-08 | 15:25 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                                | Noise (dB) | Date      | Time  |
|----------------------|--|------------|-----------|-------|
| 1                    | West St. b/t Joseph P. Ward & Rector St. | 63.9       | 11-Jan-08 | 15:24 |
| 2                    | West St. (in front of Parking lot)       | 77.3       | 11-Jan-08 | 15:25 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 50s°F with cloudy skies .

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/11/2008

Location: BPC Site 3 (1560)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations   | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | Promenade & 3 <sup>rd</sup> Place                       | 0.004                    | 11-Jan-08 | 15:28 |
| 2                    | Promenade b/t 3 <sup>rd</sup> and 2 <sup>nd</sup> Place | 0.005                    | 11-Jan-08 | 15:29 |
| 3                    | Promenade & 2 <sup>nd</sup> Place                       | 0.002                    | 11-Jan-08 | 15:30 |
| 4                    | 2 <sup>nd</sup> Place b/t Promenade & Battery           | 0.001                    | 11-Jan-08 | 15:31 |
| 5                    | 2 <sup>nd</sup> & Battery                               | 0.002                    | 11-Jan-08 | 15:32 |
| 6                    | Battery b/t 2 <sup>nd</sup> & 3rd                       | 0.003                    | 11-Jan-08 | 15:33 |
| 7                    | Battery & 3rd   | 0.003                    | 11-Jan-08 | 15:34 |
| 8                    | 3 <sup>rd</sup> b/t Battery & Promenade                 | 0.009                    | 11-Jan-08 | 15:35 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations   | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | Promenade & 3 <sup>rd</sup> Place                       | 70.2       | 11-Jan-08 | 15:28 |
| 2                    | Promenade b/t 3 <sup>rd</sup> and 2 <sup>nd</sup> Place | 73.4       | 11-Jan-08 | 15:29 |
| 3                    | Promenade & 2 <sup>nd</sup> Place                       | 70.2       | 11-Jan-08 | 15:30 |
| 4                    | 2 <sup>nd</sup> Place b/t Promenade & Battery           | 69.4       | 11-Jan-08 | 15:31 |
| 5                    | 2 <sup>nd</sup> & Battery                               | 70.1       | 11-Jan-08 | 15:32 |
| 6                    | Battery b/t 2 <sup>nd</sup> & 3rd                       | 64.8       | 11-Jan-08 | 15:33 |
| 7                    | Battery & 3rd   | 67.6       | 11-Jan-08 | 15:34 |
| 8                    | 3 <sup>rd</sup> b/t Battery & Promenade                 | 63.0       | 11-Jan-08 | 15:35 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 50s°F with cloudy skies .

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/16/2008

Location: Church Street  
(between Liberty St. & Warren St.)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                     | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | Church St between Liberty St. & Cortlandt St. | 0.036                    | 16-Jan-08 | 12:32 |
| 2                    | Church St. between Cortandt St. & Dey St.     | 0.022                    | 16-Jan-08 | 12:37 |
| 3                    | Church St between Dey St. & Fulton St.        | 0.016                    | 16-Jan-08 | 12:42 |
| 4                    | Church St. between Fulton St & Vesey St.      | 0.026                    | 16-Jan-08 | 12:45 |
| 5                    | Church St. between Vesey St. & Barclay St.    | 0.072                    | 16-Jan-08 | 12:50 |
| 6                    | Church St. between Barclay & Park Pl.         | 0.105                    | 16-Jan-08 | 12:55 |
| 7                    | Church St. between Park Pl & Murray St.       | 0.224                    | 16-Jan-08 | 13:00 |
| 8                    | Church St between Murray St. & Warren St.     | 0.078                    | 16-Jan-08 | 13:05 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                                     | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | Church St between Liberty St. & Cortlandt St. | 76.7       | 16-Jan-08 | 12:32 |
| 2                    | Church St. between Cortandt St. & Dey St.     | 75.5       | 16-Jan-08 | 12:37 |
| 3                    | Church St between Dey St. & Fulton St.        | 72.0       | 16-Jan-08 | 12:42 |
| 4                    | Church St. between Fulton St & Vesey St.      | 70.2       | 16-Jan-08 | 12:45 |
| 5                    | Church St. between Vesey St. & Barclay St.    | 80.7       | 16-Jan-08 | 12:50 |
| 6                    | Church St. between Barclay & Park             | 71.0       | 16-Jan-08 | 12:55 |
| 7                    | Church St. between Park & Murray St.          | 73.3       | 16-Jan-08 | 13:00 |
| 8                    | Church St between Murray St. & Warren St.     | 74.2       | 16-Jan-08 | 13:05 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with mostly clear skies .

## Discussion

Elevated TSP readings were observed on Church St. north of Gate 4 to the WTC Site. Gate 4 is located on Church St. south of the intesection with Vesey St. TSP levels south of Gate 4 on Church St were not elevated. Readings north of Gate 4 were elevate

David Frucher  
Lower Manhattan Construction Command Center

Kevin Held

Kevin Held  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/16/2008

Location: Church Street  
(between Liberty St. & Warren St.)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                     | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | Church St between Liberty St. & Cortlandt St. | 0.033                    | 16-Jan-08 | 14:45 |
| 2                    | Church St. between Cortandt St. & Dey St.     | 0.047                    | 16-Jan-08 | 14:49 |
| 3                    | Church St between Dey St. & Fulton St.        | 0.029                    | 16-Jan-08 | 14:53 |
| 4                    | Church St. between Fulton St & Vesey St.      | 0.036                    | 16-Jan-08 | 15:00 |
| 5                    | Church St. between Vesey St. & Barclay St.    | 0.071                    | 16-Jan-08 | 15:05 |
| 6                    | Church St. between Barclay & Park Pl.         | 0.180                    | 16-Jan-08 | 15:10 |
| 7                    | Church St. between Park Pl & Murray St.       | 0.324                    | 16-Jan-08 | 15:15 |
| 8                    | Church St between Murray St. & Warren St.     | 0.089                    | 16-Jan-08 | 15:20 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                                     | Noise (dB) | Date | Time |
|----------------------|---|------------|------|------|
| 1                    | Church St between Liberty St. & Cortlandt St. |            |      |      |
| 2                    | Church St. between Cortandt St. & Dey St.     |            |      |      |
| 3                    | Church St between Dey St. & Fulton St.        |            |      |      |
| 4                    | Church St. between Fulton St & Vesey St.      |            |      |      |
| 5                    | Church St. between Vesey St. & Barclay St.    |            |      |      |
| 6                    | Church St. between Barclay & Park             |            |      |      |
| 7                    | Church St. between Park & Murray St.          |            |      |      |
| 8                    | Church St between Murray St. & Warren St.     |            |      |      |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with mostly clear skies .

## Discussion

As noted earlier soil trackout from Gate 4 at the WTC Site was observed along Church St between Vesey St and Warren St. despite thorough tire wash before trucks leave from Gate 4. Street sweeper was observed to only clean streets on Church St between Gat

David Frucher  
Lower Manhattan Construction Command Center

Kevin Held

Kevin Held  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/18/2008

Location: 130 Liberty Street  
Deconstruction  
(0800)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                           | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------------------------|--------------------------|-----------|-------|
| 1                    | Liberty & Washington (outside gate) | 0.027                    | 18-Jan-08 | 10:05 |
| 2                    | Liberty b/t Greenwich & Washington  | 0.023                    | 18-Jan-08 | 10:06 |
| 3                    | Greenwich & Liberty                 | 0.025                    | 18-Jan-08 | 10:07 |
| 4                    | Greenwich & Cedar                   | 0.026                    | 18-Jan-08 | 10:08 |
| 5                    | Greenwich & Albany                  | 0.025                    | 18-Jan-08 | 10:09 |
| 6                    | Albany b/t Washington & Greenwich   | 0.014                    | 18-Jan-08 | 10:10 |
| 7                    | Albany & Washington                 | 0.020                    | 18-Jan-08 | 10:11 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                           | Noise (dB) | Date      | Time  |
|----------------------|-------------------------------------|------------|-----------|-------|
| 1                    | Liberty & Washington (outside gate) | 67.2       | 18-Jan-08 | 10:05 |
| 2                    | Liberty b/t Greenwich & Washington  | 73.2       | 18-Jan-08 | 10:06 |
| 3                    | Greenwich & Liberty                 | 71.6       | 18-Jan-08 | 10:07 |
| 4                    | Greenwich & Cedar                   | 69.3       | 18-Jan-08 | 10:08 |
| 5                    | Greenwich & Albany                  | 75.6       | 18-Jan-08 | 10:09 |
| 6                    | Albany b/t Washington & Greenwich   | 92.6       | 18-Jan-08 | 10:10 |
| 7                    | Albany & Washington                 | 92.3       | 18-Jan-08 | 10:11 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 40s°F with clear skies and slight wind.

## Discussion

The elevated noise readings at points 6 and 7 were do to back-up alarms from a tow truck in the roadway.

David Frucher  
 Lower Manhattan Construction Command Center

Gerry Nicholls  
 BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/18/2008

Location: 130 Cedar (0880)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations   | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | On Cedar between NW corner of 130 Cedar and construction trailers | 0.019                    | 18-Jan-08 | 10:11 |
| 2                    | Northeast corner of 130 Cedar                                     | 0.020                    | 18-Jan-08 | 10:12 |
| 3                    | Midpoint on West side sidewalk (Washington)                       | 0.051                    | 18-Jan-08 | 10:13 |
| 4                    | Albany & Washington   | 0.019                    | 18-Jan-08 | 10:14 |
| 5                    | Albany in front of 130 Cedar                                      | 0.010                    | 18-Jan-08 | 10:15 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations   | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | On Cedar between NW corner of 130 Cedar and construction trailers | 81.5       | 18-Jan-08 | 10:11 |
| 2                    | Northeast corner of 130 Cedar                                     | 79.0       | 18-Jan-08 | 10:12 |
| 3                    | Midpoint on West side sidewalk (Washington)                       | 80.5       | 18-Jan-08 | 10:13 |
| 4                    | Albany & Washington   | 81.5       | 18-Jan-08 | 10:14 |
| 5                    | Albany in front of 130 Cedar                                      | 76.4       | 18-Jan-08 | 10:15 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 40s°F with clear skies and slight wind.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Gerry Nicholls  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/18/2008

Location: 90 West Street

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations      | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------|--------------------------|-----------|-------|
| 1                    | 90 West Street | 0.015                    | 18-Jan-08 | 10:13 |
| 2                    | Gate 2 of WTC  | 0.013                    | 18-Jan-08 | 10:14 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations      | Noise (dB) | Date      | Time  |
|----------------------|----------------|------------|-----------|-------|
| 1                    | 90 West Street | 73.6       | 18-Jan-08 | 10:13 |
| 2                    | Gate 2 of WTC  | 75.6       | 18-Jan-08 | 10:14 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 40s°F with clear skies and slight wind.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Gerry Nicholls  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/18/2008  
 Location: WTC Projects  
(0700, 0730, 0780, 1280, 1320)

## Objective:

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                          | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------------------|--------------------------|-----------|-------|
| 1                    | Gate 7                             | 0.032                    | 18-Jan-08 | 10:25 |
| 2                    | Liberty b/t Washington & Greenwich | 0.034                    | 18-Jan-08 | 10:25 |
| 3                    | Greenwich & Liberty                | 0.084                    | 18-Jan-08 | 10:26 |
| 4                    | Liberty (new gate)                 | 0.036                    | 18-Jan-08 | 10:27 |
| 5                    | Liberty mid b/t Greenwich & Church | 0.020                    | 18-Jan-08 | 10:28 |
| 6                    | Gate 3 (Liberty & Church)          | 0.023                    | 18-Jan-08 | 10:29 |
| 7                    | Church b/t Liberty & Cortlandt     | 0.022                    | 18-Jan-08 | 10:30 |
| 8                    | Church & Cortlandt                 | 0.036                    | 18-Jan-08 | 10:31 |
| 9                    | Church & Dey                       | 0.049                    | 18-Jan-08 | 10:32 |
| 10                   | PATH Entrance                      | 0.062                    | 18-Jan-08 | 10:33 |
| 11                   | Gate 10                            | 0.054                    | 18-Jan-08 | 10:34 |
| 12                   | Vesey & Church                     | 0.045                    | 18-Jan-08 | 10:35 |
| 13                   | Vesey, approx 30 yards from Church | 0.028                    | 18-Jan-08 | 10:36 |
| 14                   | Vesey & Greenwich                  | 0.029                    | 18-Jan-08 | 10:37 |
| 15                   | Washington & Vesey                 | 0.072                    | 18-Jan-08 | 10:38 |
| 16                   | Vesey & Westside (SE corner)       | 0.027                    | 18-Jan-08 | 10:39 |
| 17                   | Westside ¼ to Liberty              | 0.034                    | 18-Jan-08 | 10:40 |
| 18                   | Westside ½ to Liberty              | 0.026                    | 18-Jan-08 | 10:41 |
| 19                   | Westside ¾ to Liberty              | 0.061                    | 18-Jan-08 | 10:42 |
| 20                   | Westside & Liberty                 | 0.016                    | 18-Jan-08 | 10:43 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                          | Noise (dB) | Date      | Time  |
|----------------------|------------------------------------|------------|-----------|-------|
| 1                    | Gate 7                             | 74.6       | 18-Jan-08 | 10:25 |
| 2                    | Liberty b/t Washington & Greenwich | 73.6       | 18-Jan-08 | 10:25 |
| 3                    | Greenwich & Liberty                | 76.5       | 18-Jan-08 | 10:26 |
| 4                    | Liberty (new gate)                 | 77.6       | 18-Jan-08 | 10:27 |
| 5                    | Liberty mid b/t Greenwich & Church | 77.0       | 18-Jan-08 | 10:28 |
| 6                    | Gate 3 (Liberty & Church)          | 76.7       | 18-Jan-08 | 10:29 |
| 7                    | Church b/t Liberty & Cortlandt     | 80.7       | 18-Jan-08 | 10:30 |
| 8                    | Church & Cortlandt                 | 74.9       | 18-Jan-08 | 10:31 |
| 9                    | Church & Dey                       | 72.9       | 18-Jan-08 | 10:32 |
| 10                   | PATH Entrance                      | 72.9       | 18-Jan-08 | 10:33 |
| 11                   | Gate 10                            | 72.2       | 18-Jan-08 | 10:34 |
| 12                   | Vesey & Church                     | 71.3       | 18-Jan-08 | 10:35 |
| 13                   | Vesey, approx 30 yards from Church | 74.1       | 18-Jan-08 | 10:36 |
| 14                   | Vesey & Greenwich                  | 71.1       | 18-Jan-08 | 10:37 |
| 15                   | Washington & Vesey                 | 73.3       | 18-Jan-08 | 10:38 |
| 16                   | Vesey & Westside (SE corner)       | 73.9       | 18-Jan-08 | 10:39 |
| 17                   | Westside ¼ to Liberty              | 72.9       | 18-Jan-08 | 10:40 |
| 18                   | Westside ½ to Liberty              | 68.9       | 18-Jan-08 | 10:41 |
| 19                   | Westside ¾ to Liberty              | 75.5       | 18-Jan-08 | 10:42 |
| 20                   | Westside & Liberty                 | 73.0       | 18-Jan-08 | 10:43 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

### Weather

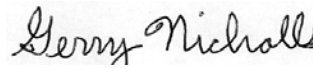
Temperatures were in the mid 40s°F with clear skies and slight wind.

### Discussion

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



David Frucher  
Lower Manhattan Construction Command Center



Gerry Nicholls  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/18/2008

Location: Fulton Street Transit  
Center  
(0590, 0610)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                  | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--|--------------------------|-----------|-------|
| 1                    | Church & Cortland                          | 0.015                    | 18-Jan-08 | 10:54 |
| 2                    | Church b/t Cortland & Dey                  | 0.011                    | 18-Jan-08 | 10:55 |
| 3                    | Church & Dey                               | 0.017                    | 18-Jan-08 | 10:56 |
| 4                    | Midpoint on Church b/t Dey & Fulton        | 0.012                    | 18-Jan-08 | 10:57 |
| 5                    | Church & Fulton                            | 0.030                    | 18-Jan-08 | 10:58 |
| 6                    | Midpoint on Fulton b/t Church & Broadway   | 0.017                    | 18-Jan-08 | 10:59 |
| 7                    | Midpoint on Fulton b/t Nassau & Broadway   | 0.021                    | 18-Jan-08 | 11:00 |
| 8                    | SE Corner of Fulton & Broadway             | 0.025                    | 18-Jan-08 | 11:01 |
| 9                    | Broadway b/t Fulton and John (¼ to Fulton) | 0.026                    | 18-Jan-08 | 11:02 |
| 10                   | Midpoint Broadway b/t Fulton and John      | 0.050                    | 18-Jan-08 | 11:03 |
| 11                   | Broadway b/t Fulton & John (¼ to John)     | 0.065                    | 18-Jan-08 | 11:04 |
| 12                   | Broadway & John                            | 0.017                    | 18-Jan-08 | 11:05 |
| 13                   | Mid Broadway b/w Cortlandt & Dey (Demo)    | 0.050                    | 18-Jan-08 | 11:06 |
| 14                   | Southwest corner of Broadway & Dey         | 0.049                    | 18-Jan-08 | 11:07 |
| 15                   | Dey, ¼ to Broadway                         | 0.066                    | 18-Jan-08 | 11:08 |
| 16                   | Dey, ½ to Church                           | 0.029                    | 18-Jan-08 | 11:09 |
| 17                   | Dey, ¼ to Church                           | 0.036                    | 18-Jan-08 | 10:56 |
| 18                   | SW corner of Broadway & Cortlandt          | 0.030                    | 18-Jan-08 | 11:13 |
| 19                   | Midpoint Broadway b/t Cortlandt & Liberty  | 0.027                    | 18-Jan-08 | 11:14 |

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

**Table 1.2 Noise Monitoring Results**

| <b>Monitoring ID Number</b> | <b>Locations</b>                           | <b>Noise (dB)</b> | <b>Date</b> | <b>Time</b> |
|-----------------------------|--|-------------------|-------------|-------------|
| 1                           | Church & Cortland                          | 81.7              | 18-Jan-08   | 10:54       |
| 2                           | Church b/t Cortland & Dey                  | 78.7              | 18-Jan-08   | 10:55       |
| 3                           | Church & Dey                               | 77.9              | 18-Jan-08   | 10:56       |
| 4                           | Midpoint on Church b/t Dey & Fulton        | 79.2              | 18-Jan-08   | 10:57       |
| 5                           | Church & Fulton                            | 72.7              | 18-Jan-08   | 10:58       |
| 6                           | Midpoint on Fulton b/t Church & Broadway   | 72.9              | 18-Jan-08   | 10:59       |
| 7                           | Midpoint on Fulton b/t Nassau & Broadway   | 71.0              | 18-Jan-08   | 11:00       |
| 8                           | SE Corner of Fulton & Broadway             | 80.0              | 18-Jan-08   | 11:01       |
| 9                           | Broadway b/t Fulton and John (¼ to Fulton) | 83.3              | 18-Jan-08   | 11:02       |
| 10                          | Midpoint Broadway b/t Fulton and John      | 76.0              | 18-Jan-08   | 11:03       |
| 11                          | Broadway b/t Fulton & John (¼ to John)     | 79.6              | 18-Jan-08   | 11:04       |
| 12                          | Broadway & John                            | 81.9              | 18-Jan-08   | 11:05       |
| 13                          | Mid Broadway b/w Cortlandt & Dey (Demo)    | 74.7              | 18-Jan-08   | 11:06       |
| 14                          | Southwest corner of Broadway & Dey         | 76.7              | 18-Jan-08   | 11:07       |
| 15                          | Dey, ¼ to Broadway                         | 84.0              | 18-Jan-08   | 11:08       |
| 16                          | Dey, ½ to Church                           | 82.3              | 18-Jan-08   | 11:09       |
| 17                          | Dey, ¼ to Church                           | 81.1              | 18-Jan-08   | 10:56       |
| 18                          | SW corner of Broadway & Cortlandt          | 78.1              | 18-Jan-08   | 11:13       |
| 19                          | Midpoint Broadway b/t Cortlandt & Liberty  | 75.2              | 18-Jan-08   | 11:14       |

**Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level**

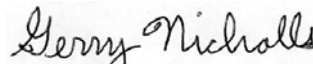
**Weather**

Temperatures were in the mid 40s°F with clear skies and slight wind.

**Discussion**



David Frucher  
Lower Manhattan Construction Command Center



Gerry Nicholls  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/18/2008

Location: Path Temporary Access  
(5280)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                        | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------------------------|--------------------------|-----------|-------|
| 1                    | West Broadway & Vesey (eastside) | 0.020                    | 18-Jan-08 | 10:35 |
| 2                    | West Broadway & Vesey (westside) | 0.025                    | 18-Jan-08 | 10:35 |
| 3                    | Greenwich & Vesey                | 0.029                    | 18-Jan-08 | 10:36 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                        | Noise (dB) | Date      | Time  |
|----------------------|----------------------------------|------------|-----------|-------|
| 1                    | West Broadway & Vesey (eastside) | 70.0       | 18-Jan-08 | 10:35 |
| 2                    | West Broadway & Vesey (westside) | 68.8       | 18-Jan-08 | 10:35 |
| 3                    | Greenwich & Vesey                | 75.5       | 18-Jan-08 | 10:36 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 40s°F with clear skies and slight wind.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Gerry Nicholls  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/18/2008

Location: Marriot Financial  
Center Hotel

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations             | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------|--------------------------|-----------|-------|
| 1                    | Albany & Washington   | 0.013                    | 18-Jan-08 | 10:16 |
| 2                    | Albany & West         | 0.030                    | 18-Jan-08 | 10:17 |
| 3                    | Carlisle & West       | 0.013                    | 18-Jan-08 | 10:18 |
| 4                    | Carlisle & Washington | 0.014                    | 18-Jan-08 | 10:19 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations             | Noise (dB) | Date      | Time  |
|----------------------|-----------------------|------------|-----------|-------|
| 1                    | Albany & Washington   | 76.8       | 18-Jan-08 | 10:16 |
| 2                    | Albany & West         | 75.3       | 18-Jan-08 | 10:17 |
| 3                    | Carlisle & West       | 72.8       | 18-Jan-08 | 10:18 |
| 4                    | Carlisle & Washington | 80.4       | 18-Jan-08 | 10:19 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 40s°F with clear skies and slight wind.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Gerry Nicholls  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/22/2008

Location: Church Street  
(between Liberty St. & Warren St.)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                     | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | Church St between Liberty St. & Cortlandt St. | 0.033                    | 22-Jan-08 | 16:00 |
| 2                    | Church St. between Cortandt St. & Dey St.     | 0.037                    | 22-Jan-08 | 16:03 |
| 3                    | Church St between Dey St. & Fulton St.        | 0.039                    | 22-Jan-08 | 16:08 |
| 4                    | Church St. between Fulton St & Vesey St.      | 0.050                    | 22-Jan-08 | 16:12 |
| 5                    | Church St. between Vesey St. & Barclay St.    | 0.101                    | 22-Jan-08 | 16:15 |
| 6                    | Church St. between Barclay & Park Pl.         | 0.070                    | 22-Jan-08 | 16:20 |
| 7                    | Church St. between Park Pl & Murray St.       | 0.124                    | 22-Jan-08 | 16:22 |
| 8                    | Church St between Murray St. & Warren St.     | 0.093                    | 22-Jan-08 | 16:25 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                                     | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | Church St between Liberty St. & Cortlandt St. | 67.1       | 22-Jan-08 | 16:00 |
| 2                    | Church St. between Cortandt St. & Dey St.     | 70.3       | 22-Jan-08 | 16:03 |
| 3                    | Church St between Dey St. & Fulton St.        | 76.0       | 22-Jan-08 | 16:08 |
| 4                    | Church St. between Fulton St & Vesey St.      | 77.1       | 22-Jan-08 | 16:12 |
| 5                    | Church St. between Vesey St. & Barclay St.    | 69.9       | 22-Jan-08 | 16:15 |
| 6                    | Church St. between Barclay & Park             | 70.7       | 22-Jan-08 | 16:20 |
| 7                    | Church St. between Park & Murray St.          | 77.9       | 22-Jan-08 | 16:22 |
| 8                    | Church St between Murray St. & Warren St.     | 70.7       | 22-Jan-08 | 16:25 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with mostly clear skies .

## Discussion

As noted earlier soil trackout from Gate 4 at the WTC Site was observed along Church St between Vesey St and Warren St. despite thorough tire wash before trucks leave from Gate 4. Street sweeper was observed to only clean streets on Church St between Gate 4 and Park Pl., leaving visible soil on Church St between Park Pl and Warren St. Visible dust clouds were observed on Church St. as seen by elevated TPH levels and in photographs.

David Frucher  
Lower Manhattan Construction Command Center

*Kevin Held*

Kevin Held  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: 370 Canal (3870)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                 | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---------------------------|--------------------------|-----------|-------|
| 1                    | Canal (site entrance)     | 0.072                    | 23-Jan-08 | 14:16 |
| 2                    | Lispenard (site entrance) | 0.025                    | 23-Jan-08 | 14:17 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                 | Noise (dB) | Date      | Time  |
|----------------------|---------------------------|------------|-----------|-------|
| 1                    | Canal (site entrance)     | 75.4       | 23-Jan-08 | 14:16 |
| 2                    | Lispenard (site entrance) | 67.1       | 23-Jan-08 | 14:17 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: 1 York (1660)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                  | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------------------|--------------------------|-----------|-------|
| 1                    | York & St. Johns           | 0.017                    | 23-Jan-08 | 14:24 |
| 2                    | York & 6th Ave.            | 0.036                    | 23-Jan-08 | 14:25 |
| 3                    | 6th Ave. b/t York & Laight | 0.024                    | 23-Jan-08 | 14:26 |
| 4                    | 6th Ave & Laight           | 0.018                    | 23-Jan-08 | 14:27 |
| 5                    | Laight & St. Johns         | 0.021                    | 23-Jan-08 | 14:28 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                  | Noise (dB) | Date      | Time  |
|----------------------|----------------------------|------------|-----------|-------|
| 1                    | York & St. Johns           | 67.1       | 23-Jan-08 | 14:24 |
| 2                    | York & 6th Ave.            | 75.6       | 23-Jan-08 | 14:25 |
| 3                    | 6th Ave. b/t York & Laight | 68.9       | 23-Jan-08 | 14:26 |
| 4                    | 6th Ave & Laight           | 70.1       | 23-Jan-08 | 14:27 |
| 5                    | Laight & St. Johns         | 68.8       | 23-Jan-08 | 14:28 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: 475 Greenwich (1750)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                   | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------------|--------------------------|-----------|-------|
| 1                    | Watts b/t Greenwixh & Canal | 0.039                    | 23-Jan-08 | 14:40 |
| 2                    | Watts & Canal               | 0.025                    | 23-Jan-08 | 14:41 |
| 3                    | Canal b/t Watts & Greenwich | 0.038                    | 23-Jan-08 | 14:42 |
| 4                    | Canal & Greenwich           | 0.044                    | 23-Jan-08 | 14:43 |
| 5                    | Greenwich & Watts           | 0.028                    | 23-Jan-08 | 14:44 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                   | Noise (dB) | Date      | Time  |
|----------------------|-----------------------------|------------|-----------|-------|
| 1                    | Watts b/t Greenwixh & Canal | 65.5       | 23-Jan-08 | 14:40 |
| 2                    | Watts & Canal               | 73.2       | 23-Jan-08 | 14:41 |
| 3                    | Canal b/t Watts & Greenwich | 65.6       | 23-Jan-08 | 14:42 |
| 4                    | Canal & Greenwich           | 70.8       | 23-Jan-08 | 14:43 |
| 5                    | Greenwich & Watts           | 69.7       | 23-Jan-08 | 14:44 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: Parker Development  
(1670)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                            | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--------------------------------------|--------------------------|-----------|-------|
| 1                    | Washington b/t Watts & Desbrosses    | 0.029                    | 23-Jan-08 | 14:47 |
| 2                    | Washington & Watts                   | 0.019                    | 23-Jan-08 | 14:48 |
| 3                    | Watts b/t Washington & West Side     | 0.036                    | 23-Jan-08 | 14:49 |
| 4                    | Watts & West Side                    | 0.035                    | 23-Jan-08 | 14:50 |
| 5                    | West Side b/t Watts & Debrosses      | 0.019                    | 23-Jan-08 | 14:51 |
| 6                    | West side & Debrosses                | 0.020                    | 23-Jan-08 | 14:52 |
| 7                    | Debrosses b/t West Side & Washington | 0.021                    | 23-Jan-08 | 14:53 |
| 8                    | Debrosses & Washington               | 0.029                    | 23-Jan-08 | 14:54 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                            | Noise (dB) | Date      | Time  |
|----------------------|--------------------------------------|------------|-----------|-------|
| 1                    | Washington b/t Watts & Desbrosses    | 83.7       | 23-Jan-08 | 14:47 |
| 2                    | Washington & Watts                   | 74.5       | 23-Jan-08 | 14:48 |
| 3                    | Watts b/t Washington & West Side     | 78.6       | 23-Jan-08 | 14:49 |
| 4                    | Watts & West Side                    | 82.9       | 23-Jan-08 | 14:50 |
| 5                    | West Side b/t Watts & Debrosses      | 79.9       | 23-Jan-08 | 14:51 |
| 6                    | West side & Debrosses                | 71.3       | 23-Jan-08 | 14:52 |
| 7                    | Debrosses b/t West Side & Washington | 75.3       | 23-Jan-08 | 14:53 |
| 8                    | Debrosses & Washington               | 71.4       | 23-Jan-08 | 14:54 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: 415 Washington (1760)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                         | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------------------|--------------------------|-----------|-------|
| 1                    | Vestry b/t greenwich & Washington | 0.018                    | 23-Jan-08 | 14:54 |
| 2                    | Vestry & Washington               | 0.039                    | 23-Jan-08 | 14:55 |
| 3                    | Washington b/t Vestry & Laight    | 0.088                    | 23-Jan-08 | 14:56 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                         | Noise (dB) | Date      | Time  |
|----------------------|-----------------------------------|------------|-----------|-------|
| 1                    | Vestry b/t greenwich & Washington | 78.9       | 23-Jan-08 | 14:54 |
| 2                    | Vestry & Washington               | 75.0       | 23-Jan-08 | 14:55 |
| 3                    | Washington b/t Vestry & Laight    | 68.7       | 23-Jan-08 | 14:56 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: 414 Washington (2070)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                            | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--------------------------------------|--------------------------|-----------|-------|
| 1                    | Greenwich b/t Laight & Vestry        | 0.027                    | 23-Jan-08 | 14:58 |
| 2                    | Greenwich & Laight                   | 0.028                    | 23-Jan-08 | 14:59 |
| 3                    | Laight b/t Greenwich & West Side Hwy | 0.025                    | 23-Jan-08 | 15:00 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                            | Noise (dB) | Date      | Time  |
|----------------------|--------------------------------------|------------|-----------|-------|
| 1                    | Greenwich b/t Laight & Vestry        | 66.5       | 23-Jan-08 | 14:58 |
| 2                    | Greenwich & Laight                   | 72.4       | 23-Jan-08 | 14:59 |
| 3                    | Laight b/t Greenwich & West Side Hwy | 67.4       | 23-Jan-08 | 15:00 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: 408 Greenwich (2120)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations               | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------------|--------------------------|-----------|-------|
| 1                    | Greenwich (20 yards in) | 0.016                    | 23-Jan-08 | 15:01 |
| 2                    | Greenwich & Hubert      | 0.021                    | 23-Jan-08 | 15:02 |
| 3                    | Hubert (20 yards in)    | 0.022                    | 23-Jan-08 | 15:03 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations               | Noise (dB) | Date      | Time  |
|----------------------|-------------------------|------------|-----------|-------|
| 1                    | Greenwich (20 yards in) | 71.2       | 23-Jan-08 | 15:01 |
| 2                    | Greenwich & Hubert      | 63.9       | 23-Jan-08 | 15:02 |
| 3                    | Hubert (20 yards in)    | 65.1       | 23-Jan-08 | 15:03 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/23/2008

Location: 415 Greenwich (2110)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                        | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------------------------|--------------------------|-----------|-------|
| 1                    | Greenwich b/t Hubert & Laight    | 0.032                    | 23-Jan-08 | 15:04 |
| 2                    | Greenwich & Laight               | 0.072                    | 23-Jan-08 | 15:05 |
| 3                    | Laight (midway along site)       | 0.043                    | 23-Jan-08 | 15:06 |
| 4                    | Laight & Collister               | 0.042                    | 23-Jan-08 | 15:07 |
| 5                    | Collister b/t Laight & Hubert    | 0.048                    | 23-Jan-08 | 15:08 |
| 6                    | Collister & Hubert               | 0.023                    | 23-Jan-08 | 15:09 |
| 7                    | Hubert b/t Collister & Greenwich | 0.029                    | 23-Jan-08 | 15:10 |
| 8                    | Hubert & Greenwich               | 0.036                    | 23-Jan-08 | 15:11 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                        | Noise (dB) | Date      | Time  |
|----------------------|----------------------------------|------------|-----------|-------|
| 1                    | Greenwich b/t Hubert & Laight    | 69.4       | 23-Jan-08 | 15:04 |
| 2                    | Greenwich & Laight               | 64.4       | 23-Jan-08 | 15:05 |
| 3                    | Laight (midway along site)       | 64.1       | 23-Jan-08 | 15:06 |
| 4                    | Laight & Collister               | 63.0       | 23-Jan-08 | 15:07 |
| 5                    | Collister b/t Laight & Hubert    | 67.0       | 23-Jan-08 | 15:08 |
| 6                    | Collister & Hubert               | 63.4       | 23-Jan-08 | 15:09 |
| 7                    | Hubert b/t Collister & Greenwich | 62.2       | 23-Jan-08 | 15:10 |
| 8                    | Hubert & Greenwich               | 71.1       | 23-Jan-08 | 15:11 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and sunny.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/24/2008

Location: 67 Liberty Street  
(5460)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations         | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------|--------------------------|-----------|-------|
| 1                    | 67 Liberty Street | 0.035                    | 24-Jan-08 | 14:11 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations         | Noise (dB) | Date      | Time  |
|----------------------|-------------------|------------|-----------|-------|
| 1                    | 67 Liberty Street | 68.6       | 24-Jan-08 | 14:11 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with cloudy skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/24/2008

Location: 15 William Street  
(1130)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                       | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---------------------------------|--------------------------|-----------|-------|
| 1                    | William b/t Exchange and Beaver | 0.059                    | 24-Jan-08 | 14:48 |
| 2                    | William b/t Exchange and Beaver | 0.068                    | 24-Jan-08 | 14:49 |
| 3                    | William & Beaver                | 0.054                    | 24-Jan-08 | 14:50 |
| 4                    | Beaver b/t Broad & Nassau       | 0.037                    | 24-Jan-08 | 14:51 |
| 5                    | Beaver b/t Broad & Nassau       | 0.044                    | 24-Jan-08 | 14:52 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                       | Noise (dB) | Date      | Time  |
|----------------------|---------------------------------|------------|-----------|-------|
| 1                    | William b/t Exchange and Beaver | 70.4       | 24-Jan-08 | 14:48 |
| 2                    | William b/t Exchange and Beaver | 70.1       | 24-Jan-08 | 14:49 |
| 3                    | William & Beaver                | 67.2       | 24-Jan-08 | 14:50 |
| 4                    | Beaver b/t Broad & Nassau       | 69.1       | 24-Jan-08 | 14:51 |
| 5                    | Beaver b/t Broad & Nassau       | 72.0       | 24-Jan-08 | 14:52 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with cloudy skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/24/2008

Location: 20 Exchange Place  
(0910)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                         | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------------------|--------------------------|-----------|-------|
| 1                    | Exchange & William                | 0.026                    | 24-Jan-08 | 15:01 |
| 2                    | Exchange b/t William & Hanover St | 0.040                    | 24-Jan-08 | 15:02 |
| 3                    | Exchange & Hanover St.            | 0.020                    | 24-Jan-08 | 15:03 |
| 4                    | Hanover & Beaver                  | 0.028                    | 24-Jan-08 | 15:04 |
| 5                    | Beaver b/t Hanover & William      | 0.036                    | 24-Jan-08 | 15:05 |
| 6                    | Beaver & William                  | 0.033                    | 24-Jan-08 | 15:06 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                         | Noise (dB) | Date      | Time  |
|----------------------|-----------------------------------|------------|-----------|-------|
| 1                    | Exchange & William                | 65.9       | 24-Jan-08 | 15:01 |
| 2                    | Exchange b/t William & Hanover St | 68.4       | 24-Jan-08 | 15:02 |
| 3                    | Exchange & Hanover St.            | 65.1       | 24-Jan-08 | 15:03 |
| 4                    | Hanover & Beaver                  | 71.4       | 24-Jan-08 | 15:04 |
| 5                    | Beaver b/t Hanover & William      | 66.1       | 24-Jan-08 | 15:05 |
| 6                    | Beaver & William                  | 70.9       | 24-Jan-08 | 15:06 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with cloudy skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/24/2008

Location: NYCDOT/DDC Street Projects  
Beaver Street-Broad>William  
(5450)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                     | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------------------|--------------------------|-----------|-------|
| 1                    | Beaver & Broad                | 0.024                    | 24-Jan-08 | 15:10 |
| 2                    | Beaver b/t Broad & William    | 0.030                    | 24-Jan-08 | 15:11 |
| 3                    | William & Beaver              | 0.028                    | 24-Jan-08 | 15:12 |
| 4                    | William b/t Beaver & Exchange | 0.034                    | 24-Jan-08 | 15:13 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                     | Noise (dB) | Date      | Time  |
|----------------------|-------------------------------|------------|-----------|-------|
| 1                    | Beaver & Broad                | 69.5       | 24-Jan-08 | 15:10 |
| 2                    | Beaver b/t Broad & William    | 69.6       | 24-Jan-08 | 15:11 |
| 3                    | William & Beaver              | 67.6       | 24-Jan-08 | 15:12 |
| 4                    | William b/t Beaver & Exchange | 68.6       | 24-Jan-08 | 15:13 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with cloudy skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/24/2008

Location: British Memorial  
Garden (0850)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations              | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------|--------------------------|-----------|-------|
| 1                    | Pearl & Hanover Square | 0.033                    | 24-Jan-08 | 15:21 |
| 2                    | See Map                | 0.041                    | 24-Jan-08 | 15:22 |
| 3                    | See Map                | 0.032                    | 24-Jan-08 | 15:23 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations              | Noise (dB) | Date      | Time  |
|----------------------|------------------------|------------|-----------|-------|
| 1                    | Pearl & Hanover Square | 66.7       | 24-Jan-08 | 15:21 |
| 2                    | See Map                | 70.1       | 24-Jan-08 | 15:22 |
| 3                    | See Map                | 68.3       | 24-Jan-08 | 15:23 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with cloudy skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/24/2008

Location: 75 Wall Street (3240)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                      | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--------------------------------|--------------------------|-----------|-------|
| 1                    | Pearl & plaza                  | 0.034                    | 24-Jan-08 | 15:23 |
| 2                    | Pearl b/t the plaza & Wall St. | 0.041                    | 24-Jan-08 | 15:24 |
| 3                    | Pearl & Wall St                | 0.031                    | 24-Jan-08 | 15:25 |
| 4                    | Wall St & Water                | 0.046                    | 24-Jan-08 | 15:26 |
| 5                    | Water b/t Wall & plaza         | 0.050                    | 24-Jan-08 | 15:27 |
| 6                    | Water & plaza                  | 0.028                    | 24-Jan-08 | 15:28 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                      | Noise (dB) | Date      | Time  |
|----------------------|--------------------------------|------------|-----------|-------|
| 1                    | Pearl & plaza                  | 63.5       | 24-Jan-08 | 15:23 |
| 2                    | Pearl b/t the plaza & Wall St. | 69.3       | 24-Jan-08 | 15:24 |
| 3                    | Pearl & Wall St                | 66.9       | 24-Jan-08 | 15:25 |
| 4                    | Wall St & Water                | 74.4       | 24-Jan-08 | 15:26 |
| 5                    | Water b/t Wall & plaza         | 79.7       | 24-Jan-08 | 15:27 |
| 6                    | Water & plaza                  | 76.1       | 24-Jan-08 | 15:28 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with cloudy skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/24/2008

Location: 126 Water Street (5190)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                   | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------------|--------------------------|-----------|-------|
| 1                    | Water St. (S. edge of site) | 0.021                    | 24-Jan-08 | 15:30 |
| 2                    | Water St. (N. edge of site) | 0.027                    | 24-Jan-08 | 15:31 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                   | Noise (dB) | Date      | Time  |
|----------------------|-----------------------------|------------|-----------|-------|
| 1                    | Water St. (S. edge of site) | 72.3       | 24-Jan-08 | 15:30 |
| 2                    | Water St. (N. edge of site) | 70.8       | 24-Jan-08 | 15:31 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the lower 30s°F with cloudy skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/28/2008

Location: Gate 1, 1A

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                  | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--|--------------------------|-----------|-------|
| 1                    | Vesey b/t Greenwich & Washington           | 0.029                    | 28-Jan-08 | 10:52 |
| 2                    | Vesey & Washington                         | 0.025                    | 28-Jan-08 | 10:53 |
| 3                    | East end of Vesey St. overpass             | 0.040                    | 28-Jan-08 | 10:54 |
| 4                    | SW corner of Vesey and West                | 0.029                    | 28-Jan-08 | 10:55 |
| 5                    | NE corner of Vesey and West                | 0.046                    | 28-Jan-08 | 10:56 |
| 6                    | SE corner of Vesey and West (Gate 1)       | 0.037                    | 28-Jan-08 | 10:57 |
| 7                    | NW corner of Vesey and West                | 0.033                    | 28-Jan-08 | 10:58 |
| 8                    | Along Westside Ave(50 yds south of Gate 1) | 0.049                    | 28-Jan-08 | 10:59 |
| 9                    | On overpass above Gate 1                   | 0.042                    | 28-Jan-08 | 11:00 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                               | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | Vesey b/t Greenwich & Washington        | 76.8       | 28-Jan-08 | 10:52 |
| 2                    | Vesey & Washington                      | 75.4       | 28-Jan-08 | 10:53 |
| 3                    | East end of Vesey St. overpass          | 77.5       | 28-Jan-08 | 10:54 |
| 4                    | SW corner of Vesey and West             | 79.9       | 28-Jan-08 | 10:55 |
| 5                    | NE corner of Vesey and West             | 79.5       | 28-Jan-08 | 10:56 |
| 6                    | SE corner of Vesey and West             | 82.5       | 28-Jan-08 | 10:57 |
| 7                    | NW corner of Vesey and West             | 76.0       | 28-Jan-08 | 10:58 |
| 8                    | Along West St. (50 yds south of Gate 1) | 79.3       | 28-Jan-08 | 10:59 |
| 9                    | On overpass above Gate 1                | 85.4       | 28-Jan-08 | 11:00 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and windy.

## Discussion

Noise levels were on the higher end around Gate 1. The impact on the pedestrians using the overpass above Gate 1 is elevated due to the trucks leaving from the WTC site and the traffic on West Street.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/28/2008

Location: 21 Ann Street (1610)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations              | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------|--------------------------|-----------|-------|
| 1                    | Alley & Beekman        | 0.031                    | 28-Jan-08 | 14:08 |
| 2                    | Alley & Ann            | 0.029                    | 28-Jan-08 | 14:09 |
| 3                    | Ann b/t Alley & Nassau | 0.037                    | 28-Jan-08 | 14:10 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations              | Noise (dB) | Date      | Time  |
|----------------------|------------------------|------------|-----------|-------|
| 1                    | Alley & Beekman        | 62.4       | 28-Jan-08 | 14:08 |
| 2                    | Alley & Ann            | 69.3       | 28-Jan-08 | 14:09 |
| 3                    | Ann b/t Alley & Nassau | 64.2       | 28-Jan-08 | 14:10 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/28/2008

Location: Fulton St.  
Water Main (5410)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                           | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------------------------|--------------------------|-----------|-------|
| 1                    | Fulton & Gold                       | 0.065                    | 28-Jan-08 | 14:21 |
| 2                    | John Delury Sr. Plaza               | 0.032                    | 28-Jan-08 | 14:22 |
| 3                    | Fulton b/w Ryders Alley & Cliff St. | 0.059                    | 28-Jan-08 | 14:23 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                           | Noise (dB) | Date      | Time  |
|----------------------|-------------------------------------|------------|-----------|-------|
| 1                    | Fulton & Gold                       | 73.9       | 28-Jan-08 | 14:21 |
| 2                    | John Delury Sr. Plaza               | 71.3       | 28-Jan-08 | 14:22 |
| 3                    | Fulton b/w Ryders Alley & Cliff St. | 70.9       | 28-Jan-08 | 14:23 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/28/2008

Location: 101 Maiden Lane (1810)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations               | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------------|--------------------------|-----------|-------|
| 1                    | Maiden b/t Gold & Pearl | 0.066                    | 28-Jan-08 | 14:30 |
| 2                    | Maiden & Pearl          | 0.101                    | 28-Jan-08 | 14:31 |
| 3                    | Pearl & Fletcher        | 0.159                    | 28-Jan-08 | 14:32 |
| 4                    | Pearl & Platt           | 0.171                    | 28-Jan-08 | 14:33 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations               | Noise (dB) | Date      | Time  |
|----------------------|-------------------------|------------|-----------|-------|
| 1                    | Maiden b/t Gold & Pearl | 73.2       | 28-Jan-08 | 14:30 |
| 2                    | Maiden & Pearl          | 71.2       | 28-Jan-08 | 14:31 |
| 3                    | Pearl & Fletcher        | 73.0       | 28-Jan-08 | 14:32 |
| 4                    | Pearl & Platt           | 73.0       | 28-Jan-08 | 14:33 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and mild winds.

## Discussion

Dust levels were high, due to trackout soil from site, at gate on Pearl Street. High levels of dust in the air were observed when, vehicles ran over the soil making it airborne.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/28/2008

Location: 161 Maiden Lane (5430)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                  | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------------------|--------------------------|-----------|-------|
| 1                    | Maiden & Front             | 0.035                    | 28-Jan-08 | 14:43 |
| 2                    | Maiden b/t Front & South   | 0.027                    | 28-Jan-08 | 14:44 |
| 3                    | Maiden & South             | 0.044                    | 28-Jan-08 | 14:45 |
| 4                    | Fletcher & South           | 0.040                    | 28-Jan-08 | 14:46 |
| 5                    | Fletcher b/t South & Front | 0.032                    | 28-Jan-08 | 14:47 |
| 6                    | Fletcher & Front           | 0.031                    | 28-Jan-08 | 14:48 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                  | Noise (dB) | Date      | Time  |
|----------------------|----------------------------|------------|-----------|-------|
| 1                    | Maiden & Front             | 65.6       | 28-Jan-08 | 14:43 |
| 2                    | Maiden b/t Front & South   | 67.7       | 28-Jan-08 | 14:44 |
| 3                    | Maiden & South             | 72.7       | 28-Jan-08 | 14:45 |
| 4                    | Fletcher & South           | 70.1       | 28-Jan-08 | 14:46 |
| 5                    | Fletcher b/t South & Front | 66.9       | 28-Jan-08 | 14:47 |
| 6                    | Fletcher & Front           | 64.1       | 28-Jan-08 | 14:48 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/28/2008

Location: Beekman Tower (0840)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                              | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--|--------------------------|-----------|-------|
| 1                    | Beekman, east of Nassau                | 0.040                    | 28-Jan-08 | 15:11 |
| 2                    | Beekman, b/t Nassau & William          | 0.045                    | 28-Jan-08 | 15:12 |
| 3                    | Beekman & William                      | 0.048                    | 28-Jan-08 | 15:13 |
| 4                    | William, in front of hospital entrance | 0.042                    | 28-Jan-08 | 15:14 |
| 5                    | Spruce & William                       | 0.044                    | 28-Jan-08 | 15:15 |
| 6                    | Spruce b/t William & Nassau            | 0.044                    | 28-Jan-08 | 15:16 |
| 7                    | Spruce, east of Nassau                 | 0.037                    | 28-Jan-08 | 15:17 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                              | Noise (dB) | Date      | Time  |
|----------------------|--|------------|-----------|-------|
| 1                    | Beekman, east of Nassau                | 66.6       | 28-Jan-08 | 15:11 |
| 2                    | Beekman, b/t Nassau & William          | 65.3       | 28-Jan-08 | 15:12 |
| 3                    | Beekman & William                      | 63.0       | 28-Jan-08 | 15:13 |
| 4                    | William, in front of hospital entrance | 66.8       | 28-Jan-08 | 15:14 |
| 5                    | Spruce & William                       | 63.1       | 28-Jan-08 | 15:15 |
| 6                    | Spruce b/t William & Nassau            | 60.1       | 28-Jan-08 | 15:16 |
| 7                    | Spruce, east of Nassau                 | 61.8       | 28-Jan-08 | 15:17 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the upper 30s°F with clear skies and mild winds.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: 10/12 Barclay (0820)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations             | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------|--------------------------|-----------|-------|
| 1                    | Barclay & Church      | 0.01                     | 30-Jan-08 | 11:27 |
| 2                    | Barclay (20 yards in) | 0.016                    | 30-Jan-08 | 11:28 |
| 3                    | Barclay (40 yards in) | 0.089                    | 30-Jan-08 | 11:29 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations             | Noise (dB) | Date      | Time  |
|----------------------|-----------------------|------------|-----------|-------|
| 1                    | Barclay & Church      | 71.9       | 30-Jan-08 | 11:27 |
| 2                    | Barclay (20 yards in) | 71.8       | 30-Jan-08 | 11:28 |
| 3                    | Barclay (40 yards in) | 72         | 30-Jan-08 | 11:29 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.



# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: 99 Church Street  
(5420)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                     | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------------------|--------------------------|-----------|-------|
| 1                    | Barclay b/t Broadway & Church | 0.229                    | 30-Jan-08 | 11:31 |
| 2                    | Barclay & Church              | 0.010                    | 30-Jan-08 | 11:32 |
| 3                    | Church b/w Barclay & Park     | 0.012                    | 30-Jan-08 | 11:33 |
| 4                    | Park & Church                 | 0.054                    | 30-Jan-08 | 11:34 |
| 5                    | Park b/t Church & Broadway    | 0.027                    | 30-Jan-08 | 11:35 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                     | Noise (dB) | Date      | Time  |
|----------------------|-------------------------------|------------|-----------|-------|
| 1                    | Barclay b/t Broadway & Church | 76.8       | 30-Jan-08 | 11:31 |
| 2                    | Barclay & Church              | 78.6       | 30-Jan-08 | 11:32 |
| 3                    | Church b/w Barclay & Park     | 77.2       | 30-Jan-08 | 11:33 |
| 4                    | Park & Church                 | 72.7       | 30-Jan-08 | 11:34 |
| 5                    | Park b/t Church & Broadway    | 70.2       | 30-Jan-08 | 11:35 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

No visible dust emissions were observed but the reading was collected near the open garage bay doors leading to the interior demolition.

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

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

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                       | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---------------------------------|--------------------------|-----------|-------|
| 1                    | Park & West Broadway            | 0.018                    | 30-Jan-08 | 11:43 |
| 2                    | Park b/t West Broadway & Church | 0.039                    | 30-Jan-08 | 11:40 |
| 3                    | Park & Church                   | 0.026                    | 30-Jan-08 | 11:39 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                       | Noise (dB) | Date      | Time  |
|----------------------|---------------------------------|------------|-----------|-------|
| 1                    | Park & West Broadway            | 73.1       | 30-Jan-08 | 11:43 |
| 2                    | Park b/t West Broadway & Church | 73.5       | 30-Jan-08 | 11:40 |
| 3                    | Park & Church                   | 78.5       | 30-Jan-08 | 11:39 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: 53 Park Place

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations   | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | Park Place, 50Yards E of W Broadway               | 0.076                    | 30-Jan-08 | 11:42 |
| 2                    | Park Place & W Broadway                           | 0.018                    | 30-Jan-08 | 11:43 |
| 3                    | W Broadway b/w Park Pl & Murray (1/3 from Park)   | 0.034                    | 30-Jan-08 | 11:44 |
| 4                    | W Broadway b/w Park Pl & Murray (1/3 from Murray) | 0.031                    | 30-Jan-08 | 11:45 |
| 5                    | W Broadway & Murray                               | 0.053                    | 30-Jan-08 | 11:46 |
| 6                    | Murray, 50Yards E of West Broadway                | 0.031                    | 30-Jan-08 | 11:47 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations   | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | Park Place, 50Yards E of W Broadway               | 70.8       | 30-Jan-08 | 11:42 |
| 2                    | Park Place & W Broadway                           | 73.1       | 30-Jan-08 | 11:43 |
| 3                    | W Broadway b/w Park Pl & Murray (1/3 from Park)   | 71.3       | 30-Jan-08 | 11:44 |
| 4                    | W Broadway b/w Park Pl & Murray (1/3 from Murray) | 69.5       | 30-Jan-08 | 11:45 |
| 5                    | W Broadway & Murray                               | 78.4       | 30-Jan-08 | 11:46 |
| 6                    | Murray, 50Yards E of West Broadway                | 68.1       | 30-Jan-08 | 11:47 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: Fiterman Hall (0930)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--|--------------------------|-----------|-------|
| 1                    | West Broadway & Park Place               | 0.023                    | 30-Jan-08 | 11:49 |
| 2                    | Park Place b/t West Broadway & Greenwich | 0.025                    | 30-Jan-08 | 11:50 |
| 3                    | Park Place & Greenwich                   | 0.021                    | 30-Jan-08 | 11:51 |
| 4                    | Greenwich b/t Barclay & Park Place       | 0.038                    | 30-Jan-08 | 11:52 |
| 5                    | Barclay & Greenwich                      | 0.022                    | 30-Jan-08 | 11:53 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 0.050                    | 30-Jan-08 | 11:54 |
| 7                    | Barclay & West Broadway                  | 0.024                    | 30-Jan-08 | 11:55 |
| 8                    | West Broadway b/t Barclay & Park Place   | 0.032                    | 30-Jan-08 | 11:56 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                                | Noise (dB) | Date      | Time  |
|----------------------|--|------------|-----------|-------|
| 1                    | West Broadway & Park Place               | 71.8       | 30-Jan-08 | 11:49 |
| 2                    | Park Place b/t West Broadway & Greenwich | 68.8       | 30-Jan-08 | 11:50 |
| 3                    | Park Place & Greenwich                   | 70.6       | 30-Jan-08 | 11:51 |
| 4                    | Greenwich b/t Barclay & Park Place       | 73.9       | 30-Jan-08 | 11:52 |
| 5                    | Barclay & Greenwich                      | 79.3       | 30-Jan-08 | 11:53 |
| 6                    | Barclay b/w Greenwich & West Broadway    | 70.4       | 30-Jan-08 | 11:54 |
| 7                    | Barclay & West Broadway                  | 74.1       | 30-Jan-08 | 11:55 |
| 8                    | West Broadway b/t Barclay & Park Place   | 81.4       | 30-Jan-08 | 11:56 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: 270 Greenwich (0960)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                        | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------------------------|--------------------------|-----------|-------|
| 1                    | Murray & West                    | 0.053                    | 30-Jan-08 | 12:08 |
| 2                    | SJU NE Corner adjacent to site   | 0.026                    | 30-Jan-08 | 11:59 |
| 3                    | Murray, mid along site entrances | 0.056                    | 30-Jan-08 | 12:00 |
| 4                    | Greenwich & Murray               | 0.039                    | 30-Jan-08 | 12:01 |
| 5                    | Greenwich b/t Murray & Warren    | 0.020                    | 30-Jan-08 | 12:02 |
| 6                    | Greenwich & Warren               | 0.012                    | 30-Jan-08 | 12:03 |
| 7                    | Warren b/t Greenwich & West      | 0.923                    | 30-Jan-08 | 12:05 |
| 8                    | Warren & West                    | 0.017                    | 30-Jan-08 | 12:07 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                        | Noise (dB) | Date      | Time  |
|----------------------|----------------------------------|------------|-----------|-------|
| 1                    | Murray & West                    | 80.6       | 30-Jan-08 | 12:08 |
| 2                    | SJU NE Corner adjacent to site   | 74.1       | 30-Jan-08 | 11:59 |
| 3                    | Murray, mid along site entrances | 71.0       | 30-Jan-08 | 12:00 |
| 4                    | Greenwich & Murray               | 64.9       | 30-Jan-08 | 12:01 |
| 5                    | Greenwich b/t Murray & Warren    | 65.5       | 30-Jan-08 | 12:02 |
| 6                    | Greenwich & Warren               | 71.6       | 30-Jan-08 | 12:03 |
| 7                    | Warren b/t Greenwich & West      | 79.6       | 30-Jan-08 | 12:05 |
| 8                    | Warren & West                    | 75.6       | 30-Jan-08 | 12:07 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

A company had a truck parked on Warren in which they were mixing material for the floor underlayment and pumping it up into the building. There was not much visible dust emanating from the truck and with the wind it was dissipated very quickly so it was n

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: BPC Site 23 (0490)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                         | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------------------|--------------------------|-----------|-------|
| 1                    | North End b/w Murray & Warren     | 0.024                    | 30-Jan-08 | 12:18 |
| 2                    | Warren and North End Ave.         | 0.007                    | 30-Jan-08 | 12:19 |
| 3                    | Warren b/t North End and West St. | 0.006                    | 30-Jan-08 | 12:20 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                         | Noise (dB) | Date      | Time  |
|----------------------|-----------------------------------|------------|-----------|-------|
| 1                    | North End b/w Murray & Warren     | 67.2       | 30-Jan-08 | 12:18 |
| 2                    | Warren and North End Ave.         | 65.4       | 30-Jan-08 | 12:19 |
| 3                    | Warren b/t North End and West St. | 68.3       | 30-Jan-08 | 12:20 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: BPC Site 24 (2990)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                         | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-----------------------------------|--------------------------|-----------|-------|
| 1                    | Murray b/t North End Ave. & split | 0.006                    | 30-Jan-08 | 12:20 |
| 2                    | Murray and North End Ave.         | 0.016                    | 30-Jan-08 | 12:21 |
| 3                    | North End b/w Murray & Warren     | 0.005                    | 30-Jan-08 | 12:22 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                         | Noise (dB) | Date      | Time  |
|----------------------|-----------------------------------|------------|-----------|-------|
| 1                    | Murray b/t North End Ave. & split | 68.3       | 30-Jan-08 | 12:20 |
| 2                    | Murray and North End Ave.         | 70.5       | 30-Jan-08 | 12:21 |
| 3                    | North End b/w Murray & Warren     | 71.3       | 30-Jan-08 | 12:22 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: BPC Site 16/17 (0520)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                            | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--------------------------------------|--------------------------|-----------|-------|
| 1                    | North End Ave. b/t Murray & Vesey    | 0.013                    | 30-Jan-08 | 12:29 |
| 2                    | North End & Murray                   | 0.010                    | 30-Jan-08 | 12:30 |
| 3                    | Murray b/t North End & river Terrace | 0.004                    | 30-Jan-08 | 12:31 |
| 4                    | Murray & River Terrace               | 0.004                    | 30-Jan-08 | 12:32 |
| 5                    | River Terrace b/t Murray & Vesey     | 0.007                    | 30-Jan-08 | 12:33 |
| 6                    | River Terrace & Vesey                | 0.010                    | 30-Jan-08 | 12:34 |
| 7                    | Midway along Irish Hunger Memorial   | 0.003                    | 30-Jan-08 | 12:35 |
| 8                    | North End & Vesey                    | 0.016                    | 30-Jan-08 | 12:36 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                            | Noise (dB) | Date      | Time  |
|----------------------|--------------------------------------|------------|-----------|-------|
| 1                    | North End Ave. b/t Murray & Vesey    | 78.9       | 30-Jan-08 | 12:29 |
| 2                    | North End & Murray                   | 70.2       | 30-Jan-08 | 12:30 |
| 3                    | Murray b/t North End & river Terrace | 73.7       | 30-Jan-08 | 12:31 |
| 4                    | Murray & River Terrace               | 76.6       | 30-Jan-08 | 12:32 |
| 5                    | River Terrace b/t Murray & Vesey     | 73.3       | 30-Jan-08 | 12:33 |
| 6                    | River Terrace & Vesey                | 67.6       | 30-Jan-08 | 12:34 |
| 7                    | Midway along Irish Hunger Memorial   | 71.6       | 30-Jan-08 | 12:35 |
| 8                    | North End & Vesey                    | 72.4       | 30-Jan-08 | 12:36 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: Embassy Suites

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations   | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | Murray & N End Ave  | 0.005                    | 30-Jan-08 | 12:26 |
| 2                    | N End Ave b/w Murray & Vesey (1/3 block south from Murray)                      | 0.005                    | 30-Jan-08 | 12:27 |
| 3                    | N End Ave b/w Murray & Vesey (2/3 block south from Murray)                      | 0.004                    | 30-Jan-08 | 12:37 |
| 4                    | N End Ave & Vesey   | 0.021                    | 30-Jan-08 | 12:37 |
| 5                    | Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)    | 0.016                    | 30-Jan-08 | 12:38 |
| 6                    | Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)    | 0.004                    | 30-Jan-08 | 12:38 |
| 7                    | Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)              | 0.007                    | 30-Jan-08 | 12:39 |
| 8                    | E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)                 | 0.009                    | 30-Jan-08 | 12:39 |
| 9                    | E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)                 | 0.011                    | 30-Jan-08 | 12:40 |
| 10                   | Murray b/w West St & N End Ave (NW corner of Goldman Sachs site)                | 0.010                    | 30-Jan-08 | 12:24 |
| 11                   | Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site) | 0.020                    | 30-Jan-08 | 12:25 |
| 12                   | Murray b/w West St & N End Ave (2/3 block from NW corner of Goldman Sachs site) | 0.011                    | 30-Jan-08 | 12:25 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations   | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | Murray & N End Ave  | 70.6       | 30-Jan-08 | 12:26 |
| 2                    | N End Ave b/w Murray & Vesey (1/3 block south from Murray)                      | 75.9       | 30-Jan-08 | 12:27 |
| 3                    | N End Ave b/w Murray & Vesey (2/3 block south from Murray)                      | 69.3       | 30-Jan-08 | 12:37 |
| 4                    | N End Ave & Vesey   | 70.6       | 30-Jan-08 | 12:37 |
| 5                    | Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)    | 71.5       | 30-Jan-08 | 12:38 |
| 6                    | Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)    | 77.0       | 30-Jan-08 | 12:38 |
| 7                    | Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)              | 73.4       | 30-Jan-08 | 12:39 |
| 8                    | E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)                 | 72.8       | 30-Jan-08 | 12:39 |
| 9                    | E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)                 | 71.4       | 30-Jan-08 | 12:41 |
| 10                   | Murray b/w West St & N End Ave (NW corner of                                    | 69.4       | 30-Jan-08 | 12:24 |
| 11                   | Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site) | 70.0       | 30-Jan-08 | 12:25 |
| 12                   | Murray b/w West St & N End Ave (2/3 block from                                  | 78.3       | 30-Jan-08 | 12:25 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

### Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

### Discussion

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



David Frucher  
Lower Manhattan Construction Command Center



Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: BPC Site 26  
Goldman Sachs (0530)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                     | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---|--------------------------|-----------|-------|
| 1                    | West & Vesey                                  | 0.042                    | 30-Jan-08 | 12:47 |
| 2                    | Vesey, midway b/t gates                       | 0.040                    | 30-Jan-08 | 12:39 |
| 3                    | Wvesey, SW corner of site                     | 0.007                    | 30-Jan-08 | 12:39 |
| 4                    | Midway on Westside of site b/t Murray & Vesey | 0.024                    | 30-Jan-08 | 12:40 |
| 5                    | Murray, NW corner of site                     | 0.013                    | 30-Jan-08 | 12:41 |
| 6                    | Murray at gate mid-way                        | 0.037                    | 30-Jan-08 | 12:43 |
| 7                    | West & Murray                                 | 0.054                    | 30-Jan-08 | 12:45 |
| 8                    | Barclay & West                                | 0.046                    | 30-Jan-08 | 12:46 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                                     | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | West & Vesey                                  | 72.7       | 30-Jan-08 | 12:47 |
| 2                    | Vesey, midway b/t gates                       | 76.2       | 30-Jan-08 | 12:39 |
| 3                    | Wvesey, SW corner of site                     | 73.4       | 30-Jan-08 | 12:39 |
| 4                    | Midway on Westside of site b/t Murray & Vesey | 71.7       | 30-Jan-08 | 12:40 |
| 5                    | Murray, NW corner of site                     | 72.0       | 30-Jan-08 | 12:41 |
| 6                    | Murray at gate mid-way                        | 73.9       | 30-Jan-08 | 12:43 |
| 7                    | West & Murray                                 | 81.6       | 30-Jan-08 | 12:45 |
| 8                    | Barclay & West                                | 70.9       | 30-Jan-08 | 12:46 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: 9A - Phase 2 (0020)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                     | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|-------------------------------|--------------------------|-----------|-------|
| 1                    | Albany & West (NW corner)     | 0.024                    | 30-Jan-08 | 13:30 |
| 2                    | Mid West b/t Albany & Liberty | 0.004                    | 30-Jan-08 | 13:29 |
| 3                    | West & Liberty (SW Corner)    | 0.011                    | 30-Jan-08 | 13:14 |
| 4                    | 1/3 West b/t Liberty & Vesey  | 0.024                    | 30-Jan-08 | 13:13 |
| 5                    | Mid West b/t Liberty & Vesey  | 0.041                    | 30-Jan-08 | 13:11 |
| 6                    | 2/3 West b/t Liberty & Vesey  | 0.033                    | 30-Jan-08 | 13:10 |
| 7                    | West & Vesey (SW corner)      | 0.037                    | 30-Jan-08 | 12:49 |
| 8                    | West & Vesey (NW Corner)      | 0.042                    | 30-Jan-08 | 12:47 |
| 9                    | West b/t Vesey & Murray       | 0.046                    | 30-Jan-08 | 12:46 |
| 10                   | West & Murray (SW corner)     | 0.054                    | 30-Jan-08 | 12:45 |
| 11                   | West & Murray (NW corner)     | 0.032                    | 30-Jan-08 | 12:14 |
| 12                   | Mid. West b/t Murray & Warren | 0.017                    | 30-Jan-08 | 12:15 |
| 13                   | West & Warren (SW corner)     | 0.010                    | 30-Jan-08 | 12:16 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                     | Noise (dB) | Date      | Time  |
|----------------------|-------------------------------|------------|-----------|-------|
| 1                    | Albany & West (NW corner)     | 73.6       | 30-Jan-08 | 13:30 |
| 2                    | Mid West b/t Albany & Liberty | 75.6       | 30-Jan-08 | 13:29 |
| 3                    | West & Liberty (SW Corner)    | 75.2       | 30-Jan-08 | 13:14 |
| 4                    | 1/3 West b/t Liberty & Vesey  | 78.0       | 30-Jan-08 | 13:13 |
| 5                    | Mid West b/t Liberty & Vesey  | 84.8       | 30-Jan-08 | 13:11 |
| 6                    | 2/3 West b/t Liberty & Vesey  | 72.6       | 30-Jan-08 | 13:10 |
| 7                    | West & Vesey (SW corner)      | 73.5       | 30-Jan-08 | 12:49 |
| 8                    | West & Vesey (NW Corner)      | 72.7       | 30-Jan-08 | 12:47 |
| 9                    | West b/t Vesey & Murray       | 70.9       | 30-Jan-08 | 12:46 |
| 10                   | West & Murray (SW corner)     | 81.6       | 30-Jan-08 | 12:45 |
| 11                   | West & Murray (NW corner)     | 70.3       | 30-Jan-08 | 12:14 |
| 12                   | Mid. West b/t Murray & Warren | 66.5       | 30-Jan-08 | 12:15 |
| 13                   | West & Warren (SW corner)     | 74.8       | 30-Jan-08 | 12:16 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: 123 Washington St.  
(1120)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                        | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|----------------------------------|--------------------------|-----------|-------|
| 1                    | NE Corner of Site                | 0.008                    | 30-Jan-08 | 13:34 |
| 2                    | Middle of Site along Albany      | 0.013                    | 30-Jan-08 | 13:35 |
| 3                    | Washington & Albany              | 0.056                    | 30-Jan-08 | 13:36 |
| 4                    | Washington b/t Albany & Carlisle | 0.033                    | 30-Jan-08 | 13:37 |
| 5                    | Carlisle & Washington            | 0.017                    | 30-Jan-08 | 13:38 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                        | Noise (dB) | Date      | Time  |
|----------------------|----------------------------------|------------|-----------|-------|
| 1                    | NE Corner of Site                | 74.1       | 30-Jan-08 | 13:34 |
| 2                    | Middle of Site along Albany      | 77.1       | 30-Jan-08 | 13:35 |
| 3                    | Washington & Albany              | 76.9       | 30-Jan-08 | 13:36 |
| 4                    | Washington b/t Albany & Carlisle | 78.7       | 30-Jan-08 | 13:37 |
| 5                    | Carlisle & Washington            | 77.6       | 30-Jan-08 | 13:38 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/30/2008

Location: Gate 1, 1A

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                                  | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--|--------------------------|-----------|-------|
| 1                    | Vesey b/t Greenwich & Washington           | 0.026                    | 30-Jan-08 | 11:56 |
| 2                    | Vesey & Washington                         | 0.045                    | 30-Jan-08 | 11:57 |
| 3                    | East end of Vesey St. overpass             | 0.017                    | 30-Jan-08 | 12:55 |
| 4                    | SW corner of Vesey and West                | 0.037                    | 30-Jan-08 | 12:49 |
| 5                    | NE corner of Vesey and West                | 0.021                    | 30-Jan-08 | 12:59 |
| 6                    | SE corner of Vesey and West (Gate 1)       | 0.018                    | 30-Jan-08 | 13:01 |
| 7                    | NW corner of Vesey and West                | 0.042                    | 30-Jan-08 | 12:47 |
| 8                    | Along Westside Ave(50 yds south of Gate 1) | NA                       | 30-Jan-08 |       |
| 9                    | On overpass above Gate 1                   | 0.012                    | 30-Jan-08 | 12:53 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                               | Noise (dB) | Date      | Time  |
|----------------------|---|------------|-----------|-------|
| 1                    | Vesey b/t Greenwich & Washington        | 71.6       | 30-Jan-08 | 11:56 |
| 2                    | Vesey & Washington                      | 69.7       | 30-Jan-08 | 11:57 |
| 3                    | East end of Vesey St. overpass          | 67.4       | 30-Jan-08 | 12:55 |
| 4                    | SW corner of Vesey and West             | 73.5       | 30-Jan-08 | 12:49 |
| 5                    | NE corner of Vesey and West             | 75.9       | 30-Jan-08 | 12:59 |
| 6                    | SE corner of Vesey and West             | 76.8       | 30-Jan-08 | 13:01 |
| 7                    | NW corner of Vesey and West             | 72.7       | 30-Jan-08 | 12:47 |
| 8                    | Along West St. (50 yds south of Gate 1) | NA         | 30-Jan-08 | 0:00  |
| 9                    | On overpass above Gate 1                | 81.2       | 30-Jan-08 | 12:53 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the mid 30s°F with clear skies and very windy.

## Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. No significant truck traffic was occurring at the time of the mobile monitoring as one truck was being unloaded.

David Frucher  
Lower Manhattan Construction Command Center

Sarah Miller  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/31/2008

Location: 85 W. Broadway  
128 Chambers (1880)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                          | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|------------------------------------|--------------------------|-----------|-------|
| 1                    | W. Broadway b/t Warren & Chambers  | 0.081                    | 31-Jan-08 | 14:25 |
| 2                    | W. Broadway & Chambers (SE corner) | 0.021                    | 31-Jan-08 | 14:20 |
| 3                    | Chambers (E. edge of site)         | 0.041                    | 31-Jan-08 | 14:28 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                          | Noise (dB) | Date      | Time  |
|----------------------|------------------------------------|------------|-----------|-------|
| 1                    | W. Broadway b/t Warren & Chambers  | 68.2       | 31-Jan-08 | 14:25 |
| 2                    | W. Broadway & Chambers (SE corner) | 67.4       | 31-Jan-08 | 14:20 |
| 3                    | Chambers (E. edge of site)         | 72.1       | 31-Jan-08 | 14:28 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## weather

Temperatures were in the 40s°F with clear skies.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

*Kevin Held*

Kevin Held  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/31/2008

Location: 157 Chambers (2150)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                       | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---------------------------------|--------------------------|-----------|-------|
| 1                    | Chambers (western edge of site) | 0.060                    | 31-Jan-08 | 14:34 |
| 2                    | Chambers (eastern edge of site) | 0.052                    | 31-Jan-08 | 14:30 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                       | Noise (dB) | Date      | Time  |
|----------------------|---------------------------------|------------|-----------|-------|
| 1                    | Chambers (western edge of site) | 70.0       | 31-Jan-08 | 14:34 |
| 2                    | Chambers (eastern edge of site) | 75.2       | 31-Jan-08 | 14:30 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## weather

Temperatures were in the upper 80s°F with clear skies and local haze.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

*Kevin Held*

Kevin Held  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/31/2008

Location: 52 Thomas St (3160)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                 | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|---------------------------|--------------------------|-----------|-------|
| 1                    | Duane (20 yds in)         | 0.065                    | 31-Jan-08 | 15:02 |
| 2                    | Duane & Church            | 0.108                    | 31-Jan-08 | 14:57 |
| 3                    | Church b/t Duane & Thomas | 0.048                    | 31-Jan-08 | 14:51 |
| 4                    | Church & Thomas           | 0.040                    | 31-Jan-08 | 14:53 |
| 5                    | Thomas (20 yds in)        | 0.026                    | 31-Jan-08 | 14:54 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                 | Noise (dB) | Date      | Time  |
|----------------------|---------------------------|------------|-----------|-------|
| 1                    | Duane (20 yds in)         | 68.5       | 31-Jan-08 | 15:02 |
| 2                    | Duane & Church            | 68.7       | 31-Jan-08 | 14:57 |
| 3                    | Church b/t Duane & Thomas | 72.8       | 31-Jan-08 | 14:51 |
| 4                    | Church & Thomas           | 69.1       | 31-Jan-08 | 14:53 |
| 5                    | Thomas (20 yds in)        | 64.6       | 31-Jan-08 | 14:54 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the 40s°F with clear skies and local haze.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

*Kevin Held*

Kevin Held  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 1/31/2008

Location: 57 Reade St (1770)

## Objective:

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

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

**Table 1.1 TSP Monitoring Results**

| Monitoring ID Number | Locations                      | TSP (mg/m <sup>3</sup> ) | Date      | Time  |
|----------------------|--------------------------------|--------------------------|-----------|-------|
| 1                    | Broadway, south corner of site | 0.056                    | 31-Jan-08 | 15:06 |
| 2                    | Broadway, north corner of site | 0.042                    | 31-Jan-08 | 15:07 |
| 3                    | Reade (site entrance)          | 0.054                    | 31-Jan-08 | 15:05 |

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

**Table 1.2 Noise Monitoring Results**

| Monitoring ID Number | Locations                      | Noise (dB) | Date      | Time  |
|----------------------|--------------------------------|------------|-----------|-------|
| 1                    | Broadway, south corner of site | 66.0       | 31-Jan-08 | 15:06 |
| 2                    | Broadway, north corner of site | 67.3       | 31-Jan-08 | 15:07 |
| 3                    | Reade (site entrance)          | 70.0       | 31-Jan-08 | 15:05 |

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

## Weather

Temperatures were in the 40's°F with clear to partly cloudy skies.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Kevin Held  
BEM Systems, Inc.

