



# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: Liberty Street  
0370

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Nassau & Liberty Streets	0.080	69.9	11:42
2	Liberty, between Nassau & Williams Streets	0.079	65.8	11:43
3	William & Liberty Streets	0.080	73.1	11:44
4	Maiden b/w Gold and William	0.085	70.2	11:45
5	Maiden b/w Gold and Pearl	0.086	67.4	11:46
6	Pearl & Fulton Street	N/A	N/A	N/A
7	Pearl between Fulton & John Streets	N/A	N/A	N/A
8	Pearl & John Streets	N/A	N/A	N/A

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

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

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Leonard and Hudson	0.095	76.1	13:34
2	Leonard b/t Hudson and W B'way (1/4 from Hudson)	0.088	71.0	13:35
3	Leonard b/t Hudson and W B'way (1/2 from Hudson)	0.219	66.3	13:36
4	Leonard b/t Hudson and W B'way (3/4 from Hudson)	0.085	67.2	13:37

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

An Out of Compliance TSP measurement was recorded at ID# 3 at 13:36. The exceedance was attributed to a build up of dust and debris along the perimeter of the site. LMCCC attempted to discuss the increased TSP levels with site personnel, however there were no personnel on site at the time of the inspection.

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: NYCDOT/DDC  
(0430)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Greenwich and Canal	0.097	69.1	10:03
2	Greenwich (middle of site)	0.094	68.5	10:04
3	Greenwich and Desbrosses	0.112	71.6	10:05

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Washington b/t Watts & Desbrosses	0.087	65.5	10:07
2	Washington & Watts	0.102	64.1	10:08
3	Watts b/t Washington & West Side	0.115	71.5	10:09
4	Watts & West Side	0.106	71.9	10:10
5	West Side b/t Watts & Debrosses	0.120	75.5	10:11
6	West side & Debrosses	0.101	81.0	10:12
7	Debrosses b/t West Side & Washington	0.091	63.1	10:13
8	Debrosses & Washington	0.089	66.8	10:14

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: NYU Law School  
Library (1730)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	W. Broadway b/t Worth & Leonard	0.081	70.9	13:20
2	W. Broadway & Leonard	0.142	80.2	13:21
3	Leonard (midway along site)	0.092	82.9	13:22
4	Leonard mid b/t W. Broadway & Church	0.071	80.2	13:23
5	Worth (site entrance)	0.066	65.5	13:24

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Broadway, south corner of site	0.074	66.1	13:10
2	Broadway, north corner of site	0.079	69.9	13:11
3	Reade (site entrance)	0.071	63.1	13:12

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: Cavala Park (1890)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Canal and Laight	0.095	72.6	9:45
2	Canal b/w Laight and Varick	0.087	69.7	9:46
3	Laight b/w Canal and Varick	0.085	67.8	9:47
4	Laight and Varick	0.089	71.2	9:48
5	Varick b/w Canal and Laight	0.087	69.9	9:49

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

## Weather

RH-30-40% Wind-10-12 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: 34 Leonard St (2970)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	W. Broadway b/w Leonard & Worth	0.084	72.4	13:31
2	W. Broadway and Leonard (SW Corner)	0.091	72.9	13:32
3	Leonard b/w W. Broadway & Hudson	0.103	72.8	13:33

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: 50 Franklin St (3170)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Franklin St (western edge of site)	0.116	75.9	13:49
2	Franklin St (eastern edge of site)	0.097	79.7	13:50

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Canal (site entrance)	0.131	68.6	09:35-09:38
2	Lispenard (site entrance)	0.108	75.3	09:40-09:42


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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

  
 David Frucher  
 Lower Manhattan Construction Command Center

  
 Tim Burns  
 BEM Systems, Inc. 



# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: Private Project  
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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Broadway & Liberty St.	0.104	73.1	11:35
2	Liberty St. between Broadway & Liberty Rd.	0.082	71.5	11:36
3	Liberty St. & Liberty Pl.	0.087	69.9	11:37
4	Liberty St. & Nassau St.	0.075	67.3	11:38

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: 371 Broadway (5470)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	South Edge of Site	0.072	63.1	13:46
2	North Edge of Site	0.085	72.9	13:47

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: 31 Vestry Street  
(5520)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	West End of Site	0.102	82.4	9:55
2	East End of Site	0.096	73.0	9:56

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: 57 Reade Street  
(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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	W Broadway b/w Franklin and Leonard	0.083	70.1	13:39
2	W Broadway and Worth	0.091	71.6	13:40
3	W Broadway b/w Reade and Chambers	0.088	72.5	13:41

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/16/2009

Location: 20 Mott Street  
(6060)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Mott (North end of Site)	0.072	64.6	14:05
2	Mott (South end of Site)	0.071	67.1	14:06

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

## Weather

RH-30-40% Wind-8-10 mph NE 48 degrees Overcast

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Albany & West (NW corner)	0.065	73.3	10:45
2	Mid West b/t Albany & Liberty	0.056	70.4	10:46
3	West & Liberty (SW Corner)	0.058	71.4	10:47
4	1/3 West b/t Liberty & Vesey	0.061	73.6	10:48
5	Mid West b/t Liberty & Vesey	0.065	70.5	10:49
6	2/3 West b/t Liberty & Vesey	0.067	69.5	10:50
7	West & Vesey (SW corner)	0.071	74.1	10:51
8	West & Vesey (NW Corner)	0.082	77.1	10:54
9	West b/t Vesey & Murray	0.079	78.8	10:55
10	West & Murray (SW corner)	0.068	78.6	10:56
11	West & Murray (NE corner)	0.063	87.5	10:57
12	Mid. West b/t Murray & Warren	0.057	75.7	10:58
13	West & Warren (SW corner)	0.055	66.8	10:59
14	West & Chambers	0.051	64.1	11:00

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

## Weather

RH-30-40% Wind-4-6mph SE 40 degrees Sunny

## Discussion

An out-of-compliance noise level was recorded at ID# 11. The elevated level was attributed to an excavator with a hydraulic hammer attachment.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Park Place & Broadway	0.063	65.5	11:30
2	Park Place b/t Broadway & Church Street	0.064	66.4	11:31
3	Park Place & Church Street	0.055	67.2	11:32

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

## Weather

RH-30-40% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

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

### Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Leonard and Hudson	0.058	64.6	13:58
2	Leonard b/t Hudson and W B'way (1/4 from Hudson)	0.069	64.8	13:59
3	Leonard b/t Hudson and W B'way (1/2 from Hudson)	0.061	70.6	14:00
4	Leonard b/t Hudson and W B'way (3/4 from Hudson)	0.074	75.5	14:01

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

### Weather

RH-30-40% Wind-4-6mph SE 40 degrees Sunny

### Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Liberty & Washington (outside gate)	0.067	72.8	9:50
2	Liberty b/t Greenwich & Washington	0.064	84.3	9:51
3	Greenwich & Liberty	0.115	78.5	9:52
4	Greenwich & Cedar	0.140	70.4	9:53
5	Greenwich & Albany	0.073	73.8	9:54
6	Albany b/t Washington & Greenwich	0.060	71.7	9:55
7	Albany & Washington	0.055	75.1	9:56

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

## Weather

RH-30-40% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	0.095	78.1	10:03
2	Northeast corner of 130 Cedar	0.088	77.5	10:04
3	Midpoint on West side sidewalk (Washington)	0.060	79.1	10:05
4	Albany & Washington	0.077	72.1	10:06
5	Albany in front of 130 Cedar	0.065	71.0	10:07



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

## Weather

RH-30-40% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

  
Tim Burns  
BEM Systems, Inc. 



# MOBILE MONITORING REPORT

Date: 3/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	West Broadway & Park Place	0.065	65.8	11:14
2	Park Place b/t West Broadway & Greenwich	0.058	62.2	11:15
3	Park Place & Greenwich	0.063	62.8	11:16
4	Greenwich b/t Barclay & Park Place	0.052	63.1	11:17
5	Barclay & Greenwich	0.057	68.8	11:18
6	Barclay b/w Greenwich & West Broadway	0.071	67.2	11:19
7	Barclay & West Broadway	0.069	70.4	11:20
8	West Broadway b/t Barclay & Park Place	0.066	66.7	11:21

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

## Weather

RH-30-40% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Washington b/t Watts & Debrosses	0.033	66.2	14:39
2	Washington & Watts	0.052	68.2	14:40
3	Watts b/t Washington & West Side	0.077	63.8	14:41
4	Watts & West Side	0.123	71.9	14:42
5	West Side b/t Watts & Debrosses	0.078	81.3	14:43
6	West side & Debrosses	0.070	82.3	14:44
7	Debrosses b/t West Side & Washington	0.066	62.7	14:45
8	Debrosses & Washington	0.052	63.9	14:46

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

## Weather

RH-40-50% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

Location: NYU Law School  
Library (1730)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	W. Broadway b/t Worth & Leonard	0.087	86.4	14:07
2	W. Broadway & Leonard	0.070	82.1	14:08
3	Leonard (midway along site)	0.091	73.9	14:09
4	Leonard mid b/t W. Broadway & Church	0.083	70.3	14:10
5	Worth (site entrance)	0.107	65.2	14:11

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

## Weather

RH-40-50% Wind-4-6mph SE 40 degrees Sunny

## Discussion

An out-of-compliance noise level was recorded at ID # 1. The elevated noise level was attributed to a jack hammer operating in close proximity to the sidewalk.

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

Location: Cavala Park (1890)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Canal and Laight	0.090	67.0	14:20
2	Canal b/w Laight and Varick	0.083	68.8	14:21
3	Laight b/w Canal and Varick	0.043	77.1	14:22
4	Laight and Varick	0.054	78.1	14:23
5	Varick b/w Canal and Laight	0.063	67.6	14:24

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

## Weather

RH-40-50% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

Location: 34 Leonard St (2970)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	W. Broadway b/w Leonard & Worth	0.059	71.2	13:52
2	W. Broadway and Leonard (SW Corner)	0.068	66.0	13:53
3	Leonard b/w W. Broadway & Hudson)	0.065	67.5	13:54

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

## Weather

RH-40-50% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

Location: NYCT Chambers (3500)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Hudson & Chambers	0.074	73.1	13:45
2	Hudson b/t Reade & Chambers	0.101	65.3	13:46
3	Hudson & Reade	0.055	61.9	13:47

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

## Weather

RH-40-50% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Barclay b/t Broadway & Church	0.062	72.6	11:23
2	Barclay & Church	0.055	72.8	11:24
3	Church b/w Barclay & Park	0.053	65.6	11:25
4	Park & Church	0.059	70.6	11:26
5	Park b/t Church & Broadway	0.063	67.900	11:27

## Weather

RH-30-40% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 3/17/2009

Location: 31 Vestry Street  
(5520)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	West End of Site	0.054	65.6	14:35
2	East End of Site	0.059	64.1	14:36

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

## Weather

RH-40-50% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

**Date:** 3/17/2009  
**Location:** WTC Projects  
 (0700, 0730, 0740, 0750,  
 0760, 0780, 1280, 1320,  
 1330)

## 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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	West & Vesey	0.063	71.5	9:30
2	Vesey & Washington	0.051	74.5	9:31
3	PATH Entrance	0.053	71.9	9:32
4	Vesey b/w W. Broadway and Church	0.064	67.2	9:33
5	Church & Vesey	0.089	81.2	9:34
6	Church & Fulton	0.057	73.9	9:35
7	Church & Dey	0.072	70.4	9:36
8	Church & Cortlandt	0.052	71.5	9:37
9	Trinity & Liberty	0.056	78.5	9:38
10	Liberty & greenwich	0.096	73.6	9:39
11	Liberty b/w Washington & Greenwich	0.067	76.9	9:40
12	Liberty & washington	0.070	72.1	9:41
13	Liberty b/w West & Washington	0.072	71.1	9:42

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

## Weather

RH-40-50% Wind-4-6mph SE 40 degrees Sunny

## Discussion

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

Tim Burns  
 BEM Systems, Inc.

