



# MOBILE MONITORING REPORT

Date: 2/2/2009

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
<b>Site Visit 1</b>				
3	West & Liberty (SW Corner)	0.081	71.5	0939-0949
7	West & Vesey (SW corner)	0.102	77.3	0950-1000
11	West & Murray (NE corner)	0.112	71.0	1001-1010
14	West & Warren	0.130	75.2	1011-1021
<b>Site Visit 2</b>				
3	West & Liberty (SW Corner)	0.058	75.5	1107-1117
7	West & Vesey (SW corner)	0.046	77.9	1118-1128
11	West & Murray (NE corner)	0.055	71.7	1130-1140
14	West & Warren	0.032	75.2	1141-1151
<b>Site Visit 3</b>				
3	West & Liberty (SW Corner)	0.041	76.2	1239-1249
7	West & Vesey (SW corner)	0.063	70.4	1250-1259
11	West & Murray (NE corner)	0.033	67.7	1301-1311
14	West & Warren	0.040	73.3	1312-1322
<b>Site Visit 4</b>				
3	West & Liberty (SW Corner)	0.039	70.3	1428-1438
7	West & Vesey (SW corner)	0.043	70.2	1440-1450
11	West & Murray (NE corner)	0.025	68.9	1451-1501
14	West & Warren	0.038	69.4	1502-1512
<b>Site Visit 5</b>				
3	West & Liberty (SW Corner)	0.024	69.8	1606-1616
7	West & Vesey (SW corner)	0.023	72.9	1617-1627
11	West & Murray (NE corner)	0.014	68.2	1629-1638
14	West & Warren	0.015	73.4	1639-1649

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-25-30% Wind-3-4mph 40-45 degrees with clear skies

## Discussion

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

The elevated noise level (92.4 dB) at ID# 7 at 11:20 was extraneous noise attributed to a pile driver being operated on the WTC Site.

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/2/2009

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
	Basement	0.082		0930-0933
	Basement	0.350		1059-1101
	Basement	0.117		1229-1231
	Basement	0.082		1559-1601

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

Inside

## Discussion

No anomalous or out-of-compliance TSP or noise readings were detected at this site. At 1100 there was a TSP reading of .350, no immediate cause was identified.

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/4/2009

Location: BPC Sites 23 & 24  
(2990, 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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
1	Murray b/t North End Ave. & split	0.028	69.7	0935-0945
2	Murray and North End Ave.	0.025	71.6	0946-0956
3	North End Ave and Warren	0.025	76.6	0957-1006
4	Warren b/w North End & 9A	0.017	67.9	1007-1017
<b>Site Visit 2</b>				
1	Murray b/t North End Ave. & split	0.025	70.5	1107-1117
2	Murray and North End Ave.	0.027	76.5	1117-1127
3	North End Ave and Warren	0.029	76.4	1128-1138
4	Warren b/w North End & 9A	0.021	68.0	1138-1148
<b>Site Visit 3</b>				
1	Murray b/t North End Ave. & split	0.026	75.4	1234-1243
2	Murray and North End Ave.	0.017	74.5	1244-1254
3	North End Ave and Warren	0.027	74.9	1254-1304
4	Warren b/w North End & 9A	0.012	68.7	1304-1314
<b>Site Visit 4</b>				
1	Murray b/t North End Ave. & split	0.022	71.1	1439-1449
2	Murray and North End Ave.	0.025	74.9	1449-1459
3	North End Ave and Warren	0.017	73.8	1500-1510
4	Warren b/w North End & 9A	0.014	66.7	1510-1520
<b>Site Visit 5</b>				
1	Murray b/t North End Ave. & split	0.017	71.2	1610-1620
2	Murray and North End Ave.	0.024	69.3	1620-1629
3	North End Ave and Warren	0.027	65.5	1630-1639
4	Warren b/w North End & 9A	0.026	65.7	1639-1649

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**

19-28 degrees Wind-2-5mph RH-23-25% 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



Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/5/2009

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	0.020	62.5	15:58
2	Leonard b/t Hudson and W B'way (1/4 from Hudson)	0.018	56.8	15:57
3	Leonard b/t Hudson and W B'way (1/2 from Hudson)	0.020	57.3	15:56
4	Leonard b/t Hudson and W B'way (3/4 from Hudson)	0.022	64.7	15:55

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

## Weather

Temperature Mid 20°F, mild winds, clear.

## Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. No work in progress during inspection.

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/5/2009

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	0.022	62.3	15:47
2	W. Broadway & Leonard	0.033	65.0	15:45
3	Leonard (midway along site)	0.043	72.7	15:43
4	Leonard mid b/t W. Broadway & Church	0.011	78.0	15:40
5	Worth (site entrance)	0.014	62.4	15:49

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

Temperature Mid 20°F, mild winds, clear.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/5/2009

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	0.050	74.9	15:10
2	Broadway, north corner of site	0.033	76.7	15:13
3	Reade (site entrance)	0.019	69.6	15:16

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

## Weather

Temperature Mid 20°F, mild winds, clear.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/5/2009

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	0.013	64.5	15:50
2	W. Broadway and Leonard (SW Corner)	0.022	68.1	15:53
3	Leonard b/w W. Broadway & Hudson)	0.028	62.1	15:54

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

## Weather

Temperature Mid 20°F, mild winds, clear.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/5/2009

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)	0.013	63.3	15:28
2	Franklin St (eastern edge of site)	0.017	66.4	15:31

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

## Weather

Temperature Mid 20°F, mild winds, clear.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/5/2009

Location: 56 Leonard St (5230)

## 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 mid b/t W. Broadway & Church	0.021	72.5	15:37
2	Leonard & Church	0.027	67.5	15:34
3	Church b/t Leonard & Worth	0.013	69.2	15:31

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

## Weather

Temperature Mid 20°F, mild winds, clear.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/5/2009

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	0.017	65.1	15:21
2	North Edge of Site	0.018	67.6	15:24

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

## Weather

Temperature Mid 20°F, mild winds, clear.

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/9/2009

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
<b>Site Visit 1</b>				
1	NE corner of 130 Cedar by construction Trailers	0.038	76.0	0935-0945
3	Midpoint of Washington b/w Cedar and Albany	0.023	75.5	0945-0955
5	Albany in front of 130 Cedar	0.022	74.0	0955-1055
<b>Site Visit 2</b>				
1	NE corner of 130 Cedar by construction Trailers	0.049	73.7	1055-1105
3	Midpoint of Washington b/w Cedar and Albany	0.024	73.8	1105-1115
5	Albany in front of 130 Cedar	0.029	75.7	1115-1125
<b>Site Visit 3</b>				
1	NE corner of 130 Cedar by construction Trailers	0.016	72.3	1220-1230
3	Midpoint of Washington b/w Cedar and Albany	0.038	70.6	1230-1240
5	Albany in front of 130 Cedar	0.025	75.6	1240-1250
<b>Site Visit 4</b>				
1	NE corner of 130 Cedar by construction Trailers	0.032	72.9	1408-1418
3	Midpoint of Washington b/w Cedar and Albany	0.154	77.5	1418-1428
5	Albany in front of 130 Cedar	0.025	80.1	1428-1438
<b>Site Visit 5</b>				
1	NE corner of 130 Cedar by construction Trailers	0.016	64.3	1602-16-12
3	Midpoint of Washington b/w Cedar and Albany	0.013	65.5	1612-1622
5	Albany in front of 130 Cedar	0.013	66.6	1622-1632

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: 34-40 % Wind: 2-5mph Temperature: 35 degrees F with sunny skies

## Discussion

Out of compliance TSP levels were observed at ID # 3 at 14:18. At 14:24, readings reached a maximum of 3.56 (mg/m<sup>3</sup>). The elevated TSP levels were attributed to a garbage truck operating on site at the time of the increased TSP reading. Additional monitoring will be carried out at this location to establish whether dust emissions from this site are recurring.

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/10/2009

Location: NYCDOT/DDC Street Projects  
Beekman > William  
(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	Beekman & William	0.022	72.8	11:24-11:26
2	Beekman b/t William & Nassau	0.062	75.6	11:27-11:29

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Metrontrionics Chameleon Sound Level Meter designed to measure sound level

## Weather

RH-55-58% Wind-2-6 mph 40-45 degrees 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/10/2009

Location: 40 Gold Street (5480)

## 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	40 Gold Street	0.036	68.8	11:15-11:18
2	Back of 40 Gold Street	0.034	67.5	11:18-11:20

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Metrontrionics Chameleon Sound Level Meter designed to measure sound level

## Weather

RH-55-58% Wind-2-6 mph 40-45 degrees 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/10/2009

Location: Fulton Street  
(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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Fulton b/w Church St. & Broadway	0.038	66.8	10:52-10:53
2	Fulton & Broadway	0.072	71.0	10:54-10:55
3	Fulton b/w Broadway & Nassau St.	0.051	72.9	10:56-10:58
4	Fulton & Nassau (10 yards in Fulton)	0.048	66.5	10:59-11:01
5	Fulton & Dutch St.	0.051	76.6	11:01-11:03
6	Fulton b/w William & Gold St.	0.05	75.1	11:04-11:06
7	Fulton and Gold	0.036	70.0	11:07-11:10
8	John Delury Sr. Plaza	0.043	65.1	11:10-11:12
9	Fulton b/w Ryders Alley & Cliff St.	0.036	66.2	11:12-11:14

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Metrontronics Chameleon Sound Level Meter designed to measure sound level

## Weather

RH-55-58% Wind-2-6 mph 40-45 degrees 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/10/2009

Location: Fulton St. Transit Center  
(0620)

## Objective:

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

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit 1</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.037	72.1	09:23-09:25
2	Broadway b/t Fulton & John (Site Entrance)	0.040	72.7	09:26-09:29
3	Broadway 2/3 to John (South end of site)	0.043	71.2	09:29-09:32
<b>Site Visit 2</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.044	73.1	10:37-10:40
2	Broadway b/t Fulton & John (Site Entrance)	0.043	72.4	10:41-10:44
3	Broadway 2/3 to John (South end of site)	0.043	72.7	10:44-10:46
<b>Site Visit 3</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.031	71.0	11:33-11:35
2	Broadway b/t Fulton & John (Site Entrance)	0.036	74.4	11:36-11:39
3	Broadway 2/3 to John (South end of site)	0.046	73.6	11:39-11:42
<b>Site Visit 4</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.042	71.2	13:42-13:45
2	Broadway b/t Fulton & John (Site Entrance)	0.041	72.5	13:45-13:48
3	Broadway 2/3 to John (South end of site)	0.066	70.5	13:48-13:51
<b>Site Visit 5</b>				
1	Fulton b/t Nassau & Broadway (East end of site)	0.024	68.0	15:05-15:08
2	Broadway b/t Fulton & John (Site Entrance)	0.018	70.5	15:08-15:11
3	Broadway 2/3 to John (South end of site)	0.029	71.0	15:12-15:15

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Metrontronics Chameleon Sound Level Meter designed to measure sound level

## Weather

RH-55-58% Wind-2-6 mph 40-45 degrees 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/10/2009

Location: 189 Broadway - CATEX  
(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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
<b>Site Visit # 1</b>				
1	Broadway b/w Cortland and Dey	0.033	71.0	9:16-9:18
2	Dey b/w Broadway and Church	0.036	69.0	9:19-9:22
<b>Site Visit # 2</b>				
1	Broadway b/w Cortland and Dey	0.038	73.5	10:31-10:33
2	Dey b/w Broadway and Church	0.039	72.8	10:34-10:36
<b>Site Visit # 3</b>				
1	Broadway b/w Cortland and Dey	0.026	69.3	11:43-11:45
2	Dey b/w Broadway and Church	0.029	70.5	11:46-11:48
<b>Site Visit # 4</b>				
1	Broadway b/w Cortland and Dey	0.034	70.1	13:35-13:38
2	Dey b/w Broadway and Church	0.033	70.3	13:38-13:41
<b>Site Visit # 5</b>				
1	Broadway b/w Cortland and Dey	0.030	68.5	14:58-15:01
2	Dey b/w Broadway and Church	0.034	69.0	15:01-15:04

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Metrontrics Chameleon Sound Level Meter designed to measure sound level

## Weather

RH-55-58% Wind-2-6 mph 40-45 degrees 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/10/2009

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	NE corner of 130 Cedar by construction Trailers	0.034	72.5	14:44-14:47
3	Midpoint of Washington b/w Cedar and Albany	0.023	78.6	14:47-14:50
5	Albany in front of 130 Cedar	0.019	74.4	14:51-14:54

Data acquired using a personalDataRAM model pDR-1000AN designed to measure airborne particulate matter and using a Metrontronic Chameleon Sound Level Meter designed to measure sound level

## Weather

RH-55-58% Wind-2-6 mph 40-45 degrees 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/11/2009

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	0.090	67.6	14:21
2	Washington & Watts	0.099	73.3	14:24
3	Watts b/t Washington & West Side	0.098	72.3	14:27
4	Watts & West Side	0.101	75.7	14:31
5	West Side b/t Watts & Debrosses	0.096	77.4	14:34
6	West side & Debrosses	0.099	79.4	14:37
7	Debrosses b/t West Side & Washington	0.099	77.8	14:40
8	Debrosses & Washington	0.098	76.4	14:43

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

## Weather

Temperature in the mid to high 50's°F, Clear 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: 2/11/2009

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	0.124	75.7	13:59
2	Canal b/w Laight and Varick	0.128	77.3	14:03
3	Laight b/w Canal and Varick	0.120	77.7	14:05
4	Laight and Varick	0.114	78.5	14:09
5	Varick b/w Canal and Laight	0.126	76.4	14:15

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

## Weather

Temperature in the mid to high 50's°F, Clear 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: 2/11/2009

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)	0.121	78.9	13:53
2	Lispenard (site entrance)	0.090	78.5	13:48

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

## Weather

Temperature in the mid to high 50's°F, Clear 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: 2/11/2009

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	0.098	66.8	14:45
2	East End of Site	0.095	68.4	14:49

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

Temperature in the mid to high 50's°F, Clear 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: 2/12/2009  
Location: WTC Projects  
(0700, 0760)

## 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
n/a	124 Liberty Street/10-10 House Roof (east)	0.031	73.7	09:40 - 09:43
n/a	124 Liberty Street/10-10 House Roof (center)	0.025	75.5	09:44 - 09:48
n/a	124 Liberty Street/10-10 House Roof (west)	0.016	74.7	09:51 - 09:53
9	Trinity & Liberty	0.039	75.2	10:23 - 10:26
10	Liberty & greenwich	0.070	84.3	10:17 - 10:21
11	Liberty b/w Washington & Greenwich	0.031	71.3	10:08 - 10:11
12	Liberty & washington	0.035	72.2	10:04 - 10:07

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

## Weather

52 degrees F, Wind: 2 mph variable, RH 33%

## Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. An elevated noise level of 84.3 dB was noted near gate 3C (Liberty & Greenwich). The increased noise level was attributed to an Atlas-Copco compressor positioned next to gate 3C. LMCCC has disussed the siting of the compressor with PANYNJ. PANYNJ is servicing the compressor and has also directed its contractor to fit a muffler extension and point the exhaust outlet towards the site.

David Frucher  
Lower Manhattan Construction Command Center

Matt Foster  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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 table below.

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Trinity & Cedar	0.054	77.8	1021-1022
2	Trinity & Thames	0.021	74.1	1022-1023
3	Thames b/t Trinity & Greenwich	0.024	71.0	1023-1024
4	Thames & Greenwich	0.022	65.1	1024-1025
5	Greenwich & Cedar	0.040	72.0	1025-1026
6	Cedar b/t Greenwich & Trinity	0.038	72.3	1027-1028
7	Liberty & Greenwich (new gate)	0.055	76.4	1028-1029
8	Liberty mid b/t Greenwich & Church	0.052	75.9	1029-1030
9	Gate 3 (Liberty & Church)	0.049	79.1	1030-1031

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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
<b>Site Visit # 1</b>				
3	West & Liberty (SW Corner)	0.040	72.5	1131-1133
7	West & Vesey (SW corner)	0.033	75.5	1137-1140
11	West & Murray (NE corner)	0.036	74.4	1141-1144
14	West & Warren	0.015	72.0	1144-1147
<b>Site Visit # 2</b>				
3	West & Liberty (SW Corner)	0.025	69.5	1355-1358
7	West & Vesey (SW corner)	0.030	72.5	1401-1404
11	West & Murray (NE corner)	0.016	71.0	1405-1408
14	West & Warren	0.032	69.8	1409-1411

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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 table below.

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Park Place & Broadway	0.158	72.1	1431-1433
2	Park Place b/t Broadway & Church Street	0.035	71.0	1434-1436
3	Park Place & Church Street	0.046	68.9	1437-1439

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph clear skies

## Discussion

Out of compliance TSP levels were recorded at ID # 1. The elevated levels were attributed to built up dust and debris inside of the site which, at the time of the inspection, workers were cleaning up with brooms. The dust emissions were discussed with site personnel, and LMCCC suggested workers apply a water spray to control dust. Site personnel said they did not have a water supply. LMCCC Inspectors will continue to monitor this site to ensure the dust emissions do not continue.

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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 table below.

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Liberty & Washington (outside gate)	0.020	68.7	1515-1517
2	Greenwich b/w Liberty and Cedar	0.018	74.2	1518-1520
3	Albany & Greenwich	0.032	67.3	1521-1523
7	Albany & Washington	0.044	67.9	1524-1526

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph clear skies

## Discussion

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

David Frucher  
Lower Manhattan Construction Command Center

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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
<b>Site Visit # 1</b>				
1	NE corner of 130 Cedar by construction Trailers	0.031	71.0	1221-1222
3	Midpoint of Washington b/w Cedar and Albany	0.011	67.7	1222-1224
5	Albany in front of 130 Cedar	0.013	72.0	1224-1226
<b>Site Visit # 2</b>				
1	NE corner of 130 Cedar by construction Trailers	0.033	73.3	1529-1531
3	Midpoint of Washington b/w Cedar and Albany	0.024	71.3	1531-1533
5	Albany in front of 130 Cedar	0.021	74.0	1533-1535

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	NE Corner of Site	0.028	69.4	1032-1034
2	Washington & Albany	0.030	71.1	1034-1036
3	Washington b/t Albany & Carlisle	0.027	73.7	1036-1038
4	Carlisle b/w Washington and Greenwich	0.035	73.9	1038-1040

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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: TSP and Noise Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Promenade & 3 <sup>rd</sup> Place	0.013	69.0	1120-1121
3	Promenade & 2 <sup>nd</sup> Place	0.015	72.5	1122-1123
5	2 <sup>nd</sup> & Battery	0.015	73.0	1123-1124
7	Battery & 3rd	0.018	75.1	1124-1125

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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 table below.

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Washington (NE corner of site)	0.019	72.1	1100-1102
2	Washington & J.P. Ward	0.018	70.0	1102-1104
3	J.P. Ward b/w Washington & West	0.023	69.0	1104-1106
4	J.P. Ward & West	0.021	73.0	1106-1108
5	West (NW corner of site)	0.025	74.5	1108-1110

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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 table below.

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Rector b/t Greenwich & Washington	0.024	70.5	1051-1053
2	Rector & Washington	0.030	71.0	1054-1056
3	Washington b/t Rector & Carlisle	0.031	72.0	1056-1058

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

Location: 50 Trinity Place (5270)

## 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 Trinity Pl (South End of Site)	0.020	71.5	1210-1211
2	Trinity & Rector	0.018	70.3	1211-1212
3	Rector b/t Trinity & Greenwich	0.017	70.8	1212-1213

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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 table below.

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	Barclay b/t Broadway & Church	0.029	73.9	1416-1418
2	Barclay & Church	0.018	71.0	1419-1421
3	Church b/w Barclay & Park	0.064	70.8	1422-1424
4	Park & Church	0.038	69.5	1425-1427
5	Park b/t Church & Broadway	0.020	68.300	1428-1430

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 2/17/2009

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

## 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 table below.

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

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

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Noise (dB)	Time
1	2 <sup>nd</sup> Pl. b/w Promenade & Battery Pl.	0.012	74.1	1110-1112
3	2 <sup>nd</sup> Pl. & Battery Pl.	0.015	76.1	1113-1115
5	1 <sup>st</sup> Pl. & Battery Pl.	0.014	77.9	1116-1117
7	1 <sup>st</sup> Pl. b/w Promenade & Battery Pl.	0.013	80.1	1117-1119

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

## Weather

30-36 degrees RH-30-36% Wind-2-5 mph 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

Tim Burns  
BEM Systems, Inc.

