

## **Sidewalk Surveys**

As part of its mission to mitigate the impact of construction on the Lower Manhattan community, the Lower Manhattan Construction Command Center (LMCCC) performs regular surveys from the sidewalks surrounding various construction sites throughout downtown to monitor noise levels. The monitoring is intended to ensure that environmental performance commitments are being met and to establish noise monitoring histories for every significant construction site in Lower Manhattan.

In the event of an elevated noise reading, the LMCCC will report the exceedance, attempt to determine its source, and take any necessary corrective action to prevent future similar exceedances. Sidewalk survey results will be posted here as they become available.



# MOBILE MONITORING REPORT

Date: 11/16/2007

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	0.003	16-Nov-07	14:44
2	York & 6th Ave.	0.010	16-Nov-07	14:45
3	6th Ave. b/t York & Laight	0.027	16-Nov-07	14:46
4	6th Ave & Laight	0.007	16-Nov-07	14:47
5	Laight & St. Johns	0.006	16-Nov-07	14:49

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	70.1	16-Nov-07	14:44
2	York & 6th Ave.	68.5	16-Nov-07	14:45
3	6th Ave. b/t York & Laight	69.1	16-Nov-07	14:46
4	6th Ave & Laight	70.7	16-Nov-07	14:47
5	Laight & St. Johns	67.6	16-Nov-07	14:49

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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	0.013	16-Nov-07	15:01
2	Washington & Watts	0.014	16-Nov-07	15:02
3	Watts b/t Washington & West Side	0.027	16-Nov-07	15:03
4	Watts & West Side	0.005	16-Nov-07	15:03
5	West Side b/t Watts & Debrosses	0.019	16-Nov-07	15:04
6	West side & Debrosses	0.006	16-Nov-07	15:04
7	Debrosses b/t West Side & Washington	0.003	16-Nov-07	15:05
8	Debrosses & Washington	0.019	16-Nov-07	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	Washington b/t Watts & Desbrosses	65.9	16-Nov-07	15:01
2	Washington & Watts	70.1	16-Nov-07	15:02
3	Watts b/t Washington & West Side	72.1	16-Nov-07	15:03
4	Watts & West Side	80.1	16-Nov-07	15:03
5	West Side b/t Watts & Debrosses	84.3	16-Nov-07	15:04
6	West side & Debrosses	77.2	16-Nov-07	15:04
7	Debrosses b/t West Side & Washington	66.6	16-Nov-07	15:05
8	Debrosses & Washington	80.0	16-Nov-07	15:06

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## Discussion

Elevated TSP readings detected near the entrance to the site. Site workers were observed to be sweeping dust out of the roadway. Workers were requested to wet down the area.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/16/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	W. Broadway b/t Worth & Leonard	0.014	16-Nov-07	14:01
2	W. Broadway & Leonard	0.011	16-Nov-07	14:02
3	Leonard (midway along site)	0.005	16-Nov-07	14:03
4	Leonard mid b/t W. Broadway & Church	0.011	16-Nov-07	14:03
5	Worth (site entrance)	0.004	16-Nov-07	14:08

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	W. Broadway b/t Worth & Leonard	71.9	16-Nov-07	14:01
2	W. Broadway & Leonard	75.3	16-Nov-07	14:02
3	Leonard (midway along site)	77.9	16-Nov-07	14:03
4	Leonard mid b/t W. Broadway & Church	80.0	16-Nov-07	14:03
5	Worth (site entrance)	74.2	16-Nov-07	14:08

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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 Greenwich & Canal	0.018	16-Nov-07	14:55
2	Watts & Canal	0.004	16-Nov-07	14:56
3	Canal b/t Watts & Greenwich	0.020	16-Nov-07	14:57
4	Canal & Greenwich	0.010	16-Nov-07	14:58
5	Greenwich & Watts	0.014	16-Nov-07	14:59

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 Greenwich & Canal	70.8	16-Nov-07	14:55
2	Watts & Canal	66.1	16-Nov-07	14:56
3	Canal b/t Watts & Greenwich	64.1	16-Nov-07	14:57
4	Canal & Greenwich	64.1	16-Nov-07	14:58
5	Greenwich & Watts	64.7	16-Nov-07	14:59

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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	0.003	16-Nov-07	15:09
2	Vestry & Washington	0.006	16-Nov-07	15:10
3	Washington b/t Vestry & Laight	0.004	16-Nov-07	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	Vestry b/t greenwich & Washington	76.3	16-Nov-07	15:09
2	Vestry & Washington	79.8	16-Nov-07	15:10
3	Washington b/t Vestry & Laight	72.3	16-Nov-07	15:11

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## Discussion

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

David Frucher  
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Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/16/2007

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	0.040	16-Nov-07	13:30
2	Broadway, north corner of site	0.043	16-Nov-07	13:30
3	Reade (site entrance)	0.030	16-Nov-07	13:31

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	Broadway, south corner of site	67.1	16-Nov-07	13:30
2	Broadway, north corner of site	68.3	16-Nov-07	13:30
3	Reade (site entrance)	76.3	16-Nov-07	13:31

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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	0.011	16-Nov-07	13:34
2	W. Broadway & Chambers (SE corner)	0.003	16-Nov-07	13:35
3	Chambers (E. edge of site)	0.015	16-Nov-07	13:36

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	W. Broadway b/t Warren & Chambers	69.4	16-Nov-07	13:34
2	W. Broadway & Chambers (SE corner)	72.6	16-Nov-07	13:35
3	Chambers (E. edge of site)	67.6	16-Nov-07	13:36

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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	0.016	16-Nov-07	15:14
2	Greenwich & Laight	0.013	16-Nov-07	15:15
3	Laight b/t Greenwich & West Side Hwy	0.014	16-Nov-07	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	Greenwich b/t Laight & Vestry	68.8	16-Nov-07	15:14
2	Greenwich & Laight	72	16-Nov-07	15:15
3	Laight b/t Greenwich & West Side Hwy	77	16-Nov-07	15:17

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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	0.005	16-Nov-07	15:26
2	Greenwich & Laight	0.011	16-Nov-07	15:27
3	Laight (midway along site)	0.005	16-Nov-07	15:27
4	Laight & Collister	0.007	16-Nov-07	15:28
5	Collister b/t Laight & Hubert	NA	16-Nov-07	
6	Collister & Hubert	NA	16-Nov-07	
7	Hubert b/t Collister & Greenwich	0.006	16-Nov-07	15:31
8	Hubert & Greenwich	0.011	16-Nov-07	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	Greenwich b/t Hubert & Laight	66.8	16-Nov-07	15:26
2	Greenwich & Laight	67.7	16-Nov-07	15:27
3	Laight (midway along site)	71.8	16-Nov-07	15:27
4	Laight & Collister	67.7	16-Nov-07	15:28
5	Collister b/t Laight & Hubert	NA	16-Nov-07	0:00
6	Collister & Hubert	NA	16-Nov-07	0:00
7	Hubert b/t Collister & Greenwich	71.0	16-Nov-07	15:31
8	Hubert & Greenwich	72.0	16-Nov-07	15:23

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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)	0.026	16-Nov-07	15:24
2	Greenwich & Hubert	0.012	16-Nov-07	15:24
3	Hubert (20 yards in)	0.016	16-Nov-07	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	Greenwich (20 yards in)	71.2	16-Nov-07	15:24
2	Greenwich & Hubert	71	16-Nov-07	15:24
3	Hubert (20 yards in)	70.1	16-Nov-07	15:25

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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)	0.007	16-Nov-07	13:36
2	Chambers (eastern edge of site)	0.037	16-Nov-07	13:37

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)	77.1	16-Nov-07	13:36
2	Chambers (eastern edge of site)	71	16-Nov-07	13:37

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

Location: Leonard St DOT (2500)

## 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	Leonard & Church (SE corner)	0.005	16-Nov-07	14:12
2	Leonard, ¼ to Broadway	0.010	16-Nov-07	14:13
3	Leonard mid b/t Church & Broadway	0.005	16-Nov-07	14:14
4	Leonard, ¼ from Broadway	0.006	16-Nov-07	14:15
5	Leonard & Broadway	0.012	16-Nov-07	14:16

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	Leonard & Church (SE corner)	72.7	16-Nov-07	14:12
2	Leonard, ¼ to Broadway	73.3	16-Nov-07	14:13
3	Leonard mid b/t Church & Broadway	71.6	16-Nov-07	14:14
4	Leonard, ¼ from Broadway	73.2	16-Nov-07	14:15
5	Leonard & Broadway	68.9	16-Nov-07	14:16

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	W. Broadway b/w Leonard & Worth	0.010	16-Nov-07	13:55
2	W. Broadway and Leonard (SW Corner)	0.013	16-Nov-07	13:56
3	Leonard b/w W. Broadway & Hudson	0.017	16-Nov-07	13:58

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/w Leonard & Worth	74.5	16-Nov-07	13:55
2	W. Broadway and Leonard (SW Corner)	79.4	16-Nov-07	13:56
3	Leonard b/w W. Broadway & Hudson	73.6	16-Nov-07	13:58

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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)	0.015	16-Nov-07	13:41
2	Duane & Church	0.008	16-Nov-07	13:43
3	Church b/t Duane & Thomas	0.012	16-Nov-07	13:44
4	Church & Thomas	0.008	16-Nov-07	13:46
5	Thomas (20 yds in)	0.007	16-Nov-07	13:48

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	Duane (20 yds in)	65.7	16-Nov-07	13:41
2	Duane & Church	68.9	16-Nov-07	13:43
3	Church b/t Duane & Thomas	69.2	16-Nov-07	13:44
4	Church & Thomas	69.2	16-Nov-07	13:46
5	Thomas (20 yds in)	69.5	16-Nov-07	13:48

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	Franklin St (western edge of site)	0.026	00-Jan-00	14:19
2	Franklin St (eastern edge of site)	0.012	00-Jan-00	14:21

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	Franklin St (western edge of site)	65.6	00-Jan-00	14:19
2	Franklin St (eastern edge of site)	61.3	00-Jan-00	14:21

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	Hudson & Chambers	0.020	16-Nov-07	13:39
2	Hudson b/t Reade & Chambers	0.021	16-Nov-07	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	Hudson & Chambers	70.4	16-Nov-07	13:39
2	Hudson b/t Reade & Chambers	71.0	16-Nov-07	13:39

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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)	0.019	16-Nov-07	14:36
2	Lispenard (site entrance)	0.022	16-Nov-07	14:40

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)	75.9	16-Nov-07	14:36
2	Lispenard (site entrance)	65.7	16-Nov-07	14:40

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## 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: 11/16/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	Leonard mid b/t W. Broadway & Church	0.007	16-Nov-07	14:09
2	Leonard & Church	0.011	16-Nov-07	14:10
3	Church b/t Leonard & Worth	0.008	16-Nov-07	14:11

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

**Table 1.2 Noise Monitoring Results**

Monitoring	Locations	Noise	Date	Time
1	Leonard mid b/t W. Broadway & Church	93.9	16-Nov-07	14:09
2	Leonard & Church	84.5	16-Nov-07	14:10
3	Church b/t Leonard & Worth	74.7	16-Nov-07	14:11

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

## Weather

Temperatures were in the mid 40s°F, partly sunny, and windy.

## Discussion

Elevated noise level was observed on Leonard between W. Broadway and Church due to pile-driving activities.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/19/2007

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	0.012	19-Nov-07	14:14
2	Alley & Ann	0.014	19-Nov-07	14:15
3	Ann b/t Alley & Nassau	0.037	19-Nov-07	14:16

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	Alley & Beekman	70.4	19-Nov-07	14:14
2	Alley & Ann	70.2	19-Nov-07	14:15
3	Ann b/t Alley & Nassau	73.0	19-Nov-07	14:16

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.009	19-Nov-07	14:20
2	Beekman, b/t Nassau & William	0.012	19-Nov-07	14:21
3	Beekman & William	0.016	19-Nov-07	14:22
4	William, in front of hospital entrance	0.010	19-Nov-07	14:23
5	Spruce & William	0.008	19-Nov-07	14:25
6	Spruce b/t William & Nassau	0.016	19-Nov-07	14:27
7	Spruce, east of Nassau	0.014	19-Nov-07	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	Beekman, east of Nassau	67.3	19-Nov-07	14:20
2	Beekman, b/t Nassau & William	67.8	19-Nov-07	14:21
3	Beekman & William	73.4	19-Nov-07	14:22
4	William, in front of hospital entrance	69.1	19-Nov-07	14:23
5	Spruce & William	69.7	19-Nov-07	14:25
6	Spruce b/t William & Nassau	73.0	19-Nov-07	14:27
7	Spruce, east of Nassau	72.1	19-Nov-07	14:28

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	Beekman & William	0.017	19-Nov-07	14:32
2	Beekman b/t William & Gold	0.008	19-Nov-07	14:33
3	Beekman & Gold	0.009	19-Nov-07	14:35

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	Beekman & William	69.2	19-Nov-07	14:32
2	Beekman b/t William & Gold	68.0	19-Nov-07	14:33
3	Beekman & Gold	67.7	19-Nov-07	14:35

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.011	19-Nov-07	14:40
2	John Delury Sr. Plaza	0.021	19-Nov-07	14:42
3	Fulton b/w Ryders Alley & Cliff St.	0.013	19-Nov-07	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	Fulton & Gold	67.9	19-Nov-07	14:44
2	John Delury Sr. Plaza	65.9	19-Nov-07	0:00
3	Fulton b/w Ryders Alley & Cliff St.	67.1	19-Nov-07	0:00

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

Location: 217 Pearl (5200)

## 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	Platt b/t Gold & Pearl	0.023	19-Nov-07	14:53
2	Platt & Pearl	0.021	19-Nov-07	14:55
3	Pearl b/t Platt & Fletcher	0.011	19-Nov-07	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	Platt b/t Gold & Pearl	68.1	19-Nov-07	14:53
2	Platt & Pearl	72.1	19-Nov-07	14:55
3	Pearl b/t Platt & Fletcher	68.2	19-Nov-07	14:56

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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  
LMCCC





# MOBILE MONITORING REPORT

Date: 11/19/2007

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	0.013	19-Nov-07	14:58
2	Maiden & Pearl	0.020	19-Nov-07	15:00
3	Pearl & Fletcher	0.009	19-Nov-07	15:01

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	83.1	19-Nov-07	14:58
2	Maiden & Pearl	69.8	19-Nov-07	15:00
3	Pearl & Fletcher	69.7	19-Nov-07	15:01

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.012	19-Nov-07	15:06
2	Maiden b/t Front & South	0.005	19-Nov-07	15:07
3	Maiden & South	0.016	19-Nov-07	15:08
4	Fletcher & South	0.024	19-Nov-07	15:08
5	Fletcher b/t South & Front	0.012	19-Nov-07	15:09
6	Fletcher & Front	0.013	19-Nov-07	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	Maiden & Front	76.9	19-Nov-07	15:06
2	Maiden b/t Front & South	81.0	19-Nov-07	15:07
3	Maiden & South	74.9	19-Nov-07	15:08
4	Fletcher & South	74.2	19-Nov-07	15:08
5	Fletcher b/t South & Front	78.1	19-Nov-07	15:09
6	Fletcher & Front	68.5	19-Nov-07	15:11

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.023	19-Nov-07	15:31
2	Barclay (20 yards in)	0.029	19-Nov-07	15:30
3	Barclay (40 yards in)	0.023	19-Nov-07	15:29

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	74.4	19-Nov-07	15:29
2	Barclay (20 yards in)	68.4	19-Nov-07	0:00
3	Barclay (40 yards in)	68.3	19-Nov-07	0:00

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.027	19-Nov-07	15:33
2	Barclay & Church	0.032	19-Nov-07	15:34
4	Park & Church	0.036	19-Nov-07	15:35
5	Park b/t Church & Broadway	0.016	19-Nov-07	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	Barclay b/t Broadway & Church	67.9	19-Nov-07	15:33
2	Barclay & Church	69.8	19-Nov-07	15:34
4	Park & Church	66.0	19-Nov-07	15:35
5	Park b/t Church & Broadway	67.2	19-Nov-07	15:36

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.026	19-Nov-07	15:41
2	Park b/t West Broadway & Church	0.030	19-Nov-07	15:40
3	Park & Church	0.032	19-Nov-07	15:39

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	64.9	19-Nov-07	15:41
2	Park b/t West Broadway & Church	72.1	19-Nov-07	15:40
3	Park & Church	71.4	19-Nov-07	15:39

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.033	19-Nov-07	15:44
2	Park Place & W Broadway	0.021	19-Nov-07	15:45
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	0.029	19-Nov-07	15:46
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	0.019	19-Nov-07	15:47
5	W Broadway & Murray	0.026	19-Nov-07	15:48
6	Murray, 50Yards E of West Broadway	0.021	19-Nov-07	15:49

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	66.3	19-Nov-07	15:44
2	Park Place & W Broadway	66.8	19-Nov-07	15:45
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	65.2	19-Nov-07	15:46
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	65.4	19-Nov-07	15:47
5	W Broadway & Murray	66.5	19-Nov-07	15:48
6	Murray, 50Yards E of West Broadway	66.4	19-Nov-07	15:49

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.014	19-Nov-07	15:52
2	Park Place b/t West Broadway & Greenwich	0.020	19-Nov-07	15:53
3	Park Place & Greenwich	0.015	19-Nov-07	15:54
4	Greenwich b/t Barclay & Park Place	0.015	19-Nov-07	15:55
5	Barclay & Greenwich	0.019	19-Nov-07	15:56
6	Barclay b/w Greenwich & West Broadway	0.019	19-Nov-07	15:57
7	Barclay & West Broadway	0.042	19-Nov-07	15:58
8	West Broadway b/t Barclay & Park Place	0.021	19-Nov-07	15:59

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	69.0	19-Nov-07	15:52
2	Park Place b/t West Broadway & Greenwich	65.1	19-Nov-07	15:53
3	Park Place & Greenwich	65.7	19-Nov-07	15:54
4	Greenwich b/t Barclay & Park Place	65.1	19-Nov-07	15:55
5	Barclay & Greenwich	67.1	19-Nov-07	15:56
6	Barclay b/w Greenwich & West Broadway	68.2	19-Nov-07	15:55
7	Barclay & West Broadway	67.9	19-Nov-07	15:56
8	West Broadway b/t Barclay & Park Place	68.1	19-Nov-07	15:59

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.023	19-Nov-07	16:07
2	SJU NE Corner adjacent to site	0.025	19-Nov-07	16:08
3	Murray, mid along site entrances	0.030	19-Nov-07	16:09
4	Greenwich & Murray	0.064	19-Nov-07	16:10
5	Greenwich b/t Murray & Warren	0.036	19-Nov-07	16:11
6	Greenwich & Warren	0.021	19-Nov-07	16:12
7	Warren b/t Greenwich & West	0.016	19-Nov-07	16:13
8	Warren & West	0.013	19-Nov-07	16:14

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	Murray & West	72.1	19-Nov-07	16:07
2	SJU NE Corner adjacent to site	75.7	19-Nov-07	16:08
3	Murray, mid along site entrances	67.2	19-Nov-07	16:09
4	Greenwich & Murray	70.3	19-Nov-07	16:10
5	Greenwich b/t Murray & Warren	67.1	19-Nov-07	16:11
6	Greenwich & Warren	70.0	19-Nov-07	16:10
7	Warren b/t Greenwich & West	68.4	19-Nov-07	16:11
8	Warren & West	72.8	19-Nov-07	16:14

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.024	19-Nov-07	16:22
2	Vesey, midway b/t gates	0.032	19-Nov-07	16:23
3	Wvesey, SW corner of site	0.034	19-Nov-07	16:25
4	Midway on Westside of site b/t Murray & Vesey	0.021	19-Nov-07	16:26
5	Murray, NW corner of site	0.021	19-Nov-07	16:28
6	Murray at gate mid-way	0.017	19-Nov-07	16:30
7	West & Murray	0.014	19-Nov-07	16:32
8	Barclay & West	0.019	19-Nov-07	16:35

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	West & Vesey	74.8	19-Nov-07	16:22
2	Vesey, midway b/t gates	73.2	19-Nov-07	16:23
3	Wvesey, SW corner of site	79.1	19-Nov-07	16:25
4	Midway on Westside of site b/t Murray & Vesey	71.4	19-Nov-07	16:26
5	Murray, NW corner of site	70.3	19-Nov-07	16:28
6	Murray at gate mid-way	71.3	19-Nov-07	16:26
7	West & Murray	68.6	19-Nov-07	16:28
8	Barclay & West	74.2	19-Nov-07	16:35

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.017	19-Nov-07	16:46
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	0.016	19-Nov-07	16:47
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	0.014	19-Nov-07	16:48
4	N End Ave & Vesey	0.020	19-Nov-07	16:49
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	0.015	19-Nov-07	16:50
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	0.025	19-Nov-07	16:52
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	0.022	19-Nov-07	16:53
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	0.018	19-Nov-07	16:53
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	0.014	19-Nov-07	16:54
10	Murray b/w West St & N End Ave (NW corner of Goldman Sachs site)	0.032	19-Nov-07	16:55
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	0.024	19-Nov-07	16:56
12	Murray b/w West St & N End Ave (2/3 block from NW corner of Goldman Sachs site)	0.019	19-Nov-07	16:57

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	69.0	19-Nov-07	16:46
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	71.2	19-Nov-07	16:47
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	75.4	19-Nov-07	16:48
4	N End Ave & Vesey	80.0	19-Nov-07	16:49
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	76.5	19-Nov-07	16:50
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	74.3	19-Nov-07	16:52
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	74.3	19-Nov-07	16:53
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	73.3	19-Nov-07	16:53
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	76.7	19-Nov-07	16:54
10	Murray b/w West St & N End Ave (NW corner of	79.5	19-Nov-07	16:55
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	79.0	19-Nov-07	16:56
12	Murray b/w West St & N End Ave (2/3 block from	80.0	19-Nov-07	16:57

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

### Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.014	19-Nov-07	16:59
2	North End & Murray	0.017	19-Nov-07	17:00
3	Murray b/t North End & river Terrace	0.016	19-Nov-07	17:00
4	Murray & River Terrace	0.016	19-Nov-07	17:02
5	River Terrace b/t Murray & Vesey	0.022	19-Nov-07	17:03
6	River Terrace & Vesey	0.026	19-Nov-07	17:04
7	Midway along Irish Hunger Memorial	0.017	19-Nov-07	17:06
8	North End & Vesey	0.015	19-Nov-07	17:07

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	North End Ave. b/t Murray & Vesey	73.1	19-Nov-07	16:59
2	North End & Murray	70.9	19-Nov-07	17:00
3	Murray b/t North End & river Terrace	63.1	19-Nov-07	17:00
4	Murray & River Terrace	63.8	19-Nov-07	17:02
5	River Terrace b/t Murray & Vesey	69.8	19-Nov-07	17:03
6	River Terrace & Vesey	66.0	19-Nov-07	17:02
7	Midway along Irish Hunger Memorial	71.1	19-Nov-07	17:03
8	North End & Vesey	68.5	19-Nov-07	17:07

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/19/2007

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	0.013	19-Nov-07	17:10
2	Warren and North End Ave.	0.014	19-Nov-07	17:11
3	Warren b/t North End and West St.	0.009	19-Nov-07	17:12

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	60.1	19-Nov-07	17:10
2	Warren and North End Ave.	63.7	19-Nov-07	17:11
3	Warren b/t North End and West St.	67.6	19-Nov-07	17:12

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

## Weather

## 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: 11/19/2007

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	0.019	19-Nov-07	17:14
2	Murray and North End Ave.	0.016	19-Nov-07	17:15
3	North End b/w Murray & Warren	0.012	19-Nov-07	17:16

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	Murray b/t North End Ave. & split	71.0	19-Nov-07	17:14
2	Murray and North End Ave.	72.6	19-Nov-07	17:15
3	North End b/w Murray & Warren	63.6	19-Nov-07	17:16

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

## Weather

Temperatures were in the 50s°F with cloudy skies and light 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: 11/20/2007

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	0.065	20-Nov-07	10:43
2	See Map	0.031	20-Nov-07	10:43
3	See Map	0.023	20-Nov-07	10:44

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	Pearl & Hanover Square	75.1	20-Nov-07	10:43
2	See Map	72.0	20-Nov-07	10:43
3	See Map	75.4	20-Nov-07	10:44

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

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	0.016	20-Nov-07	10:35
2	Exchange b/t William & Hanover St	0.015	20-Nov-07	10:36
3	Exchange & Hanover St.	0.016	20-Nov-07	10:37
4	Hanover & Beaver	0.030	20-Nov-07	10:38
5	Beaver b/t Hanover & William	0.022	20-Nov-07	10:38
6	Beaver & William	0.041	20-Nov-07	10:39

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	Exchange & William	72.5	20-Nov-07	10:35
2	Exchange b/t William & Hanover St	75.1	20-Nov-07	10:36
3	Exchange & Hanover St.	76.1	20-Nov-07	10:37
4	Hanover & Beaver	75.4	20-Nov-07	10:38
5	Beaver b/t Hanover & William	76.1	20-Nov-07	10:38
6	Beaver & William	79.6	20-Nov-07	10:39

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

Location: 20 Pine Street (1030)

## 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	Nassau b/t Pine & Cedar	0.017	20-Nov-07	9:42
2	Nassau & Cedar	0.021	20-Nov-07	9:43
3	Chase Manhattan Courtyard	0.019	20-Nov-07	9:44
4	Pine b/t William & Nassau (corner of site)	0.025	20-Nov-07	9:45
5	Pine b/t William & Nassau (middle of block)	0.024	20-Nov-07	9:46
6	Pine b/t William & Nassau (middle of site)	0.019	20-Nov-07	9:48
7	Pine & Nassau	0.017	20-Nov-07	9:49

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	Nassau b/t Pine & Cedar	69.0	20-Nov-07	9:42
2	Nassau & Cedar	71.4	20-Nov-07	9:43
3	Chase Manhattan Courtyard	68.9	20-Nov-07	9:44
4	Pine b/t William & Nassau (corner of site)	67.5	20-Nov-07	9:45
5	Pine b/t William & Nassau (middle of block)	72.5	20-Nov-07	9:46
6	Pine b/t William & Nassau (middle of site)	74.5	20-Nov-07	9:48
7	Pine & Nassau	71.4	20-Nov-07	9:49

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

Location: 37 Wall (1090)

## 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	Wall St & William St	0.023	20-Nov-07	9:55
2	Midpoint along Wall St b/t Nassau & William St	0.022	20-Nov-07	9:56
3	Nassau St & Wall St	0.037	20-Nov-07	9:57
4	Midpoint along Nassau St b/t Wall St & Exchange Place	0.042	20-Nov-07	9:58
5	Exchange Place	0.032	20-Nov-07	9:59
6	Midpoint along Exchange Place b/t Nassau St & William St	0.013	20-Nov-07	10:00
7	Close to William St along Exchange Place	0.024	20-Nov-07	10:02
8	William St & Exchange Place	0.018	20-Nov-07	10:04

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	Wall St & William St	67.9	20-Nov-07	9:55
2	Midpoint along Wall St b/t Nassau & William St	67.7	20-Nov-07	9:56
3	Nassau St & Wall St	71.3	20-Nov-07	9:57
4	Midpoint along Nassau St b/t Wall St & Exchange Place	70.1	20-Nov-07	9:58
5	Exchange Place	68.3	20-Nov-07	9:59
6	Midpoint along Exchange Place b/t Nassau St & William St	89.2	20-Nov-07	9:58
7	Close to William St along Exchange Place	69.6	20-Nov-07	9:59
8	William St & Exchange Place	74.5	20-Nov-07	10:04

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

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	0.018	20-Nov-07	10:20
2	William b/t Exchange and Beaver	0.018	20-Nov-07	10:22
3	William & Beaver	0.017	20-Nov-07	10:23
4	Beaver b/t Broad & Nassau	0.032	20-Nov-07	10:24
5	Beaver b/t Broad & Nassau	0.014	20-Nov-07	10:25

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	William b/t Exchange and Beaver	75.9	20-Nov-07	10:20
2	William b/t Exchange and Beaver	77.4	20-Nov-07	10:22
3	William & Beaver	77.8	20-Nov-07	10:23
4	Beaver b/t Broad & Nassau	79.1	20-Nov-07	10:24
5	Beaver b/t Broad & Nassau	79.5	20-Nov-07	10:25

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

Location: 40 Broad Street (1620)

## 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	New St (S. edge of site)	0.018	20-Nov-07	10:14
2	New St (middle of site)	0.015	20-Nov-07	10:15
3	New St (N. edge of site)	0.011	20-Nov-07	10:15
4	Broad St (N. edge of site)	0.032	20-Nov-07	10:17
5	Broad St (middle of site)	0.023	20-Nov-07	10:18
6	Broad St (S. edge of site)	0.020	20-Nov-07	10:18

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	New St (S. edge of site)	81.5	20-Nov-07	10:14
2	New St (middle of site)	81.9	20-Nov-07	10:15
3	New St (N. edge of site)	77.1	20-Nov-07	10:15
4	Broad St (N. edge of site)	73.4	20-Nov-07	10:17
5	Broad St (middle of site)	70.0	20-Nov-07	10:18
6	Broad St (S. edge of site)	67.4	20-Nov-07	10:18

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

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	0.028	20-Nov-07	10:51
2	Pearl b/t the plaza & Wall St.	0.027	20-Nov-07	10:52
3	Pearl & Wall St	0.024	20-Nov-07	10:53
4	Wall St & Water	0.025	20-Nov-07	10:54
5	Water b/t Wall & plaza	0.024	20-Nov-07	10:54
6	Water & plaza	0.023	20-Nov-07	10:55

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	70.2	20-Nov-07	10:51
2	Pearl b/t the plaza & Wall St.	77.0	20-Nov-07	10:52
3	Pearl & Wall St	69.6	20-Nov-07	10:53
4	Wall St & Water	76.3	20-Nov-07	10:54
5	Water b/t Wall & plaza	73.3	20-Nov-07	10:54
6	Water & plaza	75.1	20-Nov-07	10:55

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

Location: 20 Maiden Lane (3880)

## 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 Place b/t Liberty & Maiden	0.030	20-Nov-07	9:37
2	Liberty Place & Maiden	0.021	20-Nov-07	9:38
3	Maiden b/t Liberty Place & Nassau	0.026	20-Nov-07	9:39
4	Nassau, mid by site entrance	0.014	20-Nov-07	9:40

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 Place b/t Liberty & Maiden	79.1	20-Nov-07	9:37
2	Liberty Place & Maiden	80.1	20-Nov-07	9:38
3	Maiden b/t Liberty Place & Nassau	72.3	20-Nov-07	9:39
4	Nassau, mid by site entrance	70.1	20-Nov-07	9:40

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

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	20-Nov-07	10:56
2	Water St. (N. edge of site)	0.031	20-Nov-07	10:57

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)	69.8	20-Nov-07	10:57
2	Water St. (N. edge of site)	71.2	20-Nov-07	0:00

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

Location: NYCDOT/DDC Street Projects  
Beaver Street-Broad>Willia  
(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	0.025	20-Nov-07	10:29
2	Beaver b/t Broad & William	0.019	20-Nov-07	10:30
3	William & Beaver	0.019	20-Nov-07	10:31
4	William b/t Beaver & Exchange	0.024	20-Nov-07	10:32

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	80.1	20-Nov-07	10:29
2	Beaver b/t Broad & William	71.4	20-Nov-07	10:30
3	William & Beaver	70.3	20-Nov-07	10:31
4	William b/t Beaver & Exchange	79.0	20-Nov-07	10:32

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/20/2007

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	0.029	20-Nov-07	9:35

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	67 Liberty Street	68.8	20-Nov-07	9:35

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

## Weather

Temperatures were in the 50s°F with cloudy 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

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/27/2007

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)	0.009	27-Nov-07	11:55
2	Mid West b/t Albany & Liberty	0.029	27-Nov-07	11:56
3	West & Liberty (SW Corner)	0.016	27-Nov-07	11:57
4	1/3 West b/t Liberty & Vesey	0.006	27-Nov-07	11:59
5	Mid West b/t Liberty & Vesey	0.021	27-Nov-07	11:59
6	2/3 West b/t Liberty & Vesey	0.024	27-Nov-07	12:00
7	West & Vesey (SW corner)	0.018	27-Nov-07	12:01
8	West & Vesey (NW Corner)	0.023	27-Nov-07	12:04
9	West b/t Vesey & Murray	0.008	27-Nov-07	12:07
10	West & Murray (SW corner)	0.008	27-Nov-07	12:08
11	West & Murray (NW corner)	0.007	27-Nov-07	12:08
12	Mid. West b/t Murray & Warren	0.008	27-Nov-07	12:09
13	West & Warren (SW corner)	0.009	27-Nov-07	12:10

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	Albany & West (NW corner)	72.1	27-Nov-07	11:55
2	Mid West b/t Albany & Liberty	64.5	27-Nov-07	11:56
3	West & Liberty (SW Corner)	70.1	27-Nov-07	11:57
4	1/3 West b/t Liberty & Vesey	68.8	27-Nov-07	11:59
5	Mid West b/t Liberty & Vesey	64.7	27-Nov-07	11:59
6	2/3 West b/t Liberty & Vesey	66.2	27-Nov-07	12:00
7	West & Vesey (SW corner)	74.8	27-Nov-07	12:01
8	West & Vesey (NW Corner)	76.2	27-Nov-07	12:04
9	West b/t Vesey & Murray	70.1	27-Nov-07	12:07
10	West & Murray (SW corner)	71.6	27-Nov-07	12:08
11	West & Murray (NW corner)	69.9	27-Nov-07	12:08
12	Mid. West b/t Murray & Warren	70.1	27-Nov-07	12:09
13	West & Warren (SW corner)	69.8	27-Nov-07	12:10

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## Discussion

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

David Frucher

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/27/2007

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	0.002	27-Nov-07	16:27
2	Church b/t Cortland & Dey	0.011	27-Nov-07	16:27
3	Church & Dey	0.005	27-Nov-07	16:28
4	Midpoint on Church b/t Dey & Fulton	0.023	27-Nov-07	16:28
5	Church & Fulton	0.011	27-Nov-07	16:29
6	Midpoint on Fulton b/t Church & Broadway	0.006	27-Nov-07	16:30
7	Midpoint on Fulton b/t Nassau & Broadway	0.026	27-Nov-07	16:33
8	SE Corner of Fulton & Broadway	0.004	27-Nov-07	16:34
9	Broadway b/t Fulton and John (¼ to Fulton)	0.015	27-Nov-07	16:35
10	Midpoint Broadway b/t Fulton and John	0.010	27-Nov-07	16:36
11	Broadway b/t Fulton & John (¼ to John)	0.015	27-Nov-07	16:37
12	Broadway & John	0.014	27-Nov-07	16:38
13	Mid Broadway b/w Cortlandt & Dey (Demo)	0.006	27-Nov-07	16:39
14	Southwest corner of Broadway & Dey	0.010	27-Nov-07	16:40
15	Dey, ¼ to Broadway	0.042	27-Nov-07	16:40
16	Dey, ½ to Church	0.029	27-Nov-07	16:40
17	Dey, ¼ to Church	0.023	27-Nov-07	16:41
18	SW corner of Broadway & Cortlandt	0.017	27-Nov-07	16:42
19	Midpoint Broadway b/t Cortlandt & Liberty	0.011	27-Nov-07	16:43

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	Church & Cortland	74.3	27-Nov-07	16:27
2	Church b/t Cortland & Dey	72.2	27-Nov-07	16:27
3	Church & Dey	72.4	27-Nov-07	16:28
4	Midpoint on Church b/t Dey & Fulton	75.7	27-Nov-07	16:28
5	Church & Fulton	71.9	27-Nov-07	16:29
6	Midpoint on Fulton b/t Church & Broadway	66.8	27-Nov-07	16:30
7	Midpoint on Fulton b/t Nassau & Broadway	65.8	27-Nov-07	16:33
8	SE Corner of Fulton & Broadway	66.8	27-Nov-07	16:34
9	Broadway b/t Fulton and John (¼ to Fulton)	70.1	27-Nov-07	16:35
10	Midpoint Broadway b/t Fulton and John	68.6	27-Nov-07	16:36
11	Broadway b/t Fulton & John (¼ to John)	71.7	27-Nov-07	16:37
12	Broadway & John	71.3	27-Nov-07	16:38
13	Mid Broadway b/w Cortlandt & Dey (Demo)	72.9	27-Nov-07	16:39
14	Southwest corner of Broadway & Dey	73.5	27-Nov-07	16:40
15	Dey, ¼ to Broadway	70.4	27-Nov-07	16:40
16	Dey, ½ to Church	70.3	27-Nov-07	16:40
17	Dey, ¼ to Church	70.4	27-Nov-07	16:41
18	SW corner of Broadway & Cortlandt	73.2	27-Nov-07	16:42
19	Midpoint Broadway b/t Cortlandt & Liberty	71.9	27-Nov-07	16:43

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

### Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

### 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: 11/27/2007

Location: South Ferry  
(0620, 0640)

## 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	State b/t Whitehall & construction entrance	0.081	27-Nov-07	10:41
2	State & Whitehall	0.067	27-Nov-07	10:42
3	Whitehall b/t State & Ferry Terminal	0.067	27-Nov-07	10:42
4	Street side of Ferry terminal entrance	0.025	27-Nov-07	10:42
5	Middle of Ferry Terminal entrance	0.016	27-Nov-07	10:43
6	Park side construction gate	0.009	27-Nov-07	10:44
7	Middle of drive along park side	0.008	27-Nov-07	10:45
8	State street entrance (east side gate)	0.005	27-Nov-07	10:45
9	State street entrance (west side gate)	0.012	27-Nov-07	10:46
10	Corner of State	0.006	27-Nov-07	10:46
11	Across from 17 State	0.005	27-Nov-07	10:47
12	State & Pearl	0.005	27-Nov-07	10:48
13	Walkway into park	0.003	27-Nov-07	10:50
14	State & Broadway plaza flagpole	0.014	27-Nov-07	10:51
15	State & Broadway	0.020	27-Nov-07	10:52
16	State & Greenwich (south side of crosswalk)	0.017	27-Nov-07	10:53
17	Battery Pl b/w Broadway & Greenwich	0.043	27-Nov-07	10:54
18	Battery Pl & Greenwich (northeast corner)	0.017	27-Nov-07	10:55
19	Battery Pl & Greenwich (northwest corner)	0.018	27-Nov-07	10:55
20	Battery Place & Washington	0.007	27-Nov-07	10:56
21	Battery Place b/w Washington & West St.	0.009	27-Nov-07	10:57
22	Greenwich in front of DMV	0.009	27-Nov-07	10:58
23	Greenwich b/w Battery Pl & Morris (29 yds in)	0.009	27-Nov-07	10:59

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	State b/t Whitehall & construction entrance	87.9	27-Nov-07	14:49
2	State & Whitehall	84.4	27-Nov-07	14:50
3	Whitehall b/t State & Ferry Terminal	95.0	27-Nov-07	14:51
4	Street side of Ferry terminal entrance	81.9	27-Nov-07	14:52
5	Middle of Ferry Terminal entrance	74.7	27-Nov-07	14:53
6	Park side construction gate	78.1	27-Nov-07	14:54
7	Middle of drive along park side	65.3	27-Nov-07	14:55
8	State street entrance (east side gate)	85.4	27-Nov-07	14:56
9	State street entrance (west side gate)	81.5	27-Nov-07	14:57
10	Corner of State	75.6	27-Nov-07	14:58
11	Across from 17 State	65.3	27-Nov-07	14:59
12	State & Pearl	67.3	27-Nov-07	15:03
13	Walkway into park	70.0	27-Nov-07	15:04
14	State & Broadway plaza flagpole	63.5	27-Nov-07	15:05
15	State & Broadway	76.4	27-Nov-07	15:08
16	State & Greenwich (south side of crosswalk)	70.4	27-Nov-07	15:09
17	Battery PI b/w Broadway & Greenwich	64.8	27-Nov-07	15:10
18	Battery PI & Greenwich (northeast corner)	68.8	27-Nov-07	15:11
19	Battery PI & Greenwich (northwest corner)	70.7	27-Nov-07	15:11
20	Battery Place & Washington	73.1	27-Nov-07	15:12
21	Battery Place b/w Washington & West St.	74.1	27-Nov-07	15:12
22	Greenwich in front of DMV	70.3	27-Nov-07	15:13
23	Greenwich b/w Battery PI & Morris (29 yds in)	69.4	27-Nov-07	15:15

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

### Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

### Discussion

Elevated noise readings were detected around Whitehall & State due to construction workers using a jackhammer.



David Frucher  
Lower Manhattan Construction Command Center



Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/27/2007

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	0.012	27-Nov-07	11:48
2	Middle of Site along Albany	0.008	27-Nov-07	11:49
3	Washington & Albany	0.037	27-Nov-07	11:50
4	Washington b/t Albany & Carlisle	0.021	27-Nov-07	11:51
5	Carlisle & Washington	0.007	27-Nov-07	11:51

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	NE Corner of Site	71.6	27-Nov-07	11:48
2	Middle of Site along Albany	70.7	27-Nov-07	11:49
3	Washington & Albany	71.1	27-Nov-07	11:50
4	Washington b/t Albany & Carlisle	71.8	27-Nov-07	11:51
5	Carlisle & Washington	70.3	27-Nov-07	11:51

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## 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: 11/27/2007

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	0.007	27-Nov-07	11:12
2	Promenade b/t 3 <sup>rd</sup> and 2 <sup>nd</sup> Place	0.013	27-Nov-07	11:13
3	Promenade & 2 <sup>nd</sup> Place	0.009	27-Nov-07	11:14
4	2 <sup>nd</sup> Place b/t Promenade & Battery	0.005	27-Nov-07	11:15
5	2 <sup>nd</sup> & Battery	0.006	27-Nov-07	11:16
6	Battery b/t 2 <sup>nd</sup> & 3rd	0.010	27-Nov-07	11:17
7	Battery & 3rd	0.007	27-Nov-07	11:18
8	3 <sup>rd</sup> b/t Battery & Promenade	0.003	27-Nov-07	11:19

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	69.1	27-Nov-07	11:12
2	Promenade b/t 3 <sup>rd</sup> and 2 <sup>nd</sup> Place	73.4	27-Nov-07	11:13
3	Promenade & 2 <sup>nd</sup> Place	69.2	27-Nov-07	11:14
4	2 <sup>nd</sup> Place b/t Promenade & Battery	73.1	27-Nov-07	11:15
5	2 <sup>nd</sup> & Battery	68.6	27-Nov-07	11:16
6	Battery b/t 2 <sup>nd</sup> & 3rd	70.7	27-Nov-07	11:17
7	Battery & 3rd	68.9	27-Nov-07	11:18
8	3 <sup>rd</sup> b/t Battery & Promenade	71.2	27-Nov-07	11:19

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## 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: 11/27/2007

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.	0.005	27-Nov-07	11:23
2	West St. (in front of Parking lot)	0.006	27-Nov-07	11:24

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.	73.1	27-Nov-07	11:23
2	West St. (in front of Parking lot)	69.7	27-Nov-07	11:24

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## 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: 11/27/2007

Location: 8 Stone St. (5140)

## 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	Stone St. (eastern end of site)	0.008	27-Nov-07	10:34
2	Stone St. (western end of site)	0.017	27-Nov-07	10:34
3	Bridge St. (western end of site)	0.012	27-Nov-07	10:36
4	Bridge St. (eastern end of site)	0.011	27-Nov-07	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	Stone St. (eastern end of site)	69.0	27-Nov-07	10:34
2	Stone St. (western end of site)	68.7	27-Nov-07	10:34
3	Bridge St. (western end of site)	68.6	27-Nov-07	10:36
4	Bridge St. (eastern end of site)	67.6	27-Nov-07	10:36

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. Noise levels were not measured due to sensitivity of noise measuring equipment to rain.

David Frucher  
Lower Manhattan Construction Command Center

Venkat Balasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/27/2007

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	0.010	27-Nov-07	11:28
2	Rector b/t Greenwich & Washington	0.007	27-Nov-07	11:29
3	Rector & Washington	0.006	27-Nov-07	11:30
4	Washington midway along site	0.005	27-Nov-07	11:31
5	Washington southern edge of site	0.017	27-Nov-07	11:32
6	Greenwich St., midway along site	0.021	27-Nov-07	11:33
7	Greenwich St., southern edge of site.	0.014	27-Nov-07	11:34

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	74.1	27-Nov-07	11:28
2	Rector b/t Greenwich & Washington	75.4	27-Nov-07	11:29
3	Rector & Washington	71.4	27-Nov-07	11:30
4	Washington midway along site	78.2	27-Nov-07	11:31
5	Washington southern edge of site	73.2	27-Nov-07	11:32
6	Greenwich St., midway along site	76.2	27-Nov-07	11:33
7	Greenwich St., southern edge of site.	74.3	27-Nov-07	11:34

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## 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: 11/27/2007

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	0.009	27-Nov-07	11:37
2	Rector & Washington	0.008	27-Nov-07	11:38
3	Washington b/t Rector & Carlisle	0.007	27-Nov-07	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	Rector b/t Greenwich & Washington	80.7	27-Nov-07	11:37
2	Rector & Washington	81.8	27-Nov-07	11:38
3	Washington b/t Rector & Carlisle	75.8	27-Nov-07	11:39

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## 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: 11/27/2007

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	0.006	27-Nov-07	16:05
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	0.002	27-Nov-07	16:06
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	0.003	27-Nov-07	16:07
4	N End Ave & Vesey	0.001	27-Nov-07	16:08
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	0.004	27-Nov-07	16:08
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	0.001	27-Nov-07	16:09
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	0.003	27-Nov-07	16:09
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	0.002	27-Nov-07	16:10
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	0.003	27-Nov-07	16:11
10	Murray b/w West St & N End Ave (NW corner of Goldman Sachs site)	0.002	27-Nov-07	16:12
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	0.003	27-Nov-07	16:13
12	Murray b/w West St & N End Ave (2/3 block from NW corner of Goldman Sachs site)	0.002	27-Nov-07	16:13

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	Murray & N End Ave	75.6	27-Nov-07	16:05
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	75.9	27-Nov-07	16:06
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	73.7	27-Nov-07	16:07
4	N End Ave & Vesey	71.8	27-Nov-07	16:08
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	75.2	27-Nov-07	16:08
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	70.4	27-Nov-07	16:09
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	70.2	27-Nov-07	16:09
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	70.5	27-Nov-07	16:10
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	67.9	27-Nov-07	16:11
10	Murray b/w West St & N End Ave (NW corner of	67.1	27-Nov-07	16:12
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	70.3	27-Nov-07	16:13
12	Murray b/w West St & N End Ave (2/3 block from	70.1	27-Nov-07	16:13

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

### Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

### Discussion

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



David Frucher  
Lower Manhattan Construction Command Center



Venkat Blasubramanian  
BEM Systems, Inc.





# MOBILE MONITORING REPORT

Date: 11/27/2007

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	0.042	27-Nov-07	15:58
2	Park Place & W Broadway	0.024	27-Nov-07	15:59
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	0.017	27-Nov-07	16:00
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	0.019	27-Nov-07	16:00
5	W Broadway & Murray	0.014	27-Nov-07	16:01
6	Murray, 50Yards E of West Broadway	0.004	27-Nov-07	16:01

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	71.8	27-Nov-07	15:58
2	Park Place & W Broadway	74.8	27-Nov-07	15:59
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	75.7	27-Nov-07	16:00
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	71.8	27-Nov-07	16:00
5	W Broadway & Murray	77.4	27-Nov-07	16:01
6	Murray, 50Yards E of West Broadway	67.4	27-Nov-07	16:01

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

## Weather

Temperatures were in the low 50s°F, partly cloudy skies and slightly breezy.

## 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: 11/28/2007

Location: Platt Engineered  
Resurfacing (0090)

## 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	Platt & Pearl	0.014	28-Nov-07	10:32
2	Platt b/t Pearl & Gold	0.016	28-Nov-07	10:33
3	Platt & Gold	0.014	28-Nov-07	10:34

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	Platt & Pearl	69.3	28-Nov-07	10:32
2	Platt b/t Pearl & Gold	68.2	28-Nov-07	10:33
3	Platt & Gold	68.9	28-Nov-07	10:34

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.008	28-Nov-07	9:56
2	Beekman, b/t Nassau & William	0.007	28-Nov-07	9:56
3	Beekman & William	0.010	28-Nov-07	9:57
4	William, in front of hospital entrance	0.010	28-Nov-07	9:58
5	Spruce & William	0.009	28-Nov-07	9:59
6	Spruce b/t William & Nassau	0.005	28-Nov-07	10:00
7	Spruce, east of Nassau	0.012	28-Nov-07	10:01

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	72.4	28-Nov-07	9:56
2	Beekman, b/t Nassau & William	64.5	28-Nov-07	9:56
3	Beekman & William	65.8	28-Nov-07	9:57
4	William, in front of hospital entrance	62.6	28-Nov-07	9:58
5	Spruce & William	67.1	28-Nov-07	9:59
6	Spruce b/t William & Nassau	67.3	28-Nov-07	10:00
7	Spruce, east of Nassau	67.7	28-Nov-07	10:01

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.007	28-Nov-07	9:51
2	Alley & Ann	0.031	28-Nov-07	9:52
3	Ann b/t Alley & Nassau	0.043	28-Nov-07	9:53

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	Alley & Beekman	73.1	28-Nov-07	9:51
2	Alley & Ann	69.0	28-Nov-07	9:52
3	Ann b/t Alley & Nassau	66.6	28-Nov-07	9:53

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.016	28-Nov-07	10:37
2	Maiden & Pearl	0.028	28-Nov-07	10:38
3	Pearl & Fletcher	0.024	28-Nov-07	10:40

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	71.1	28-Nov-07	10:37
2	Maiden & Pearl	68.9	28-Nov-07	10:38
3	Pearl & Fletcher	70.5	28-Nov-07	10:40

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

Location: 217 Pearl (5200)

## 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	Platt b/t Gold & Pearl	0.023	28-Nov-07	10:55
2	Platt & Pearl	0.021	28-Nov-07	10:56
3	Pearl b/t Platt & Fletcher	0.014	28-Nov-07	10:57

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	Platt b/t Gold & Pearl	69.9	28-Nov-07	10:55
2	Platt & Pearl	69.5	28-Nov-07	10:56
3	Pearl b/t Platt & Fletcher	70.3	28-Nov-07	10:57

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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  
LMCCC





# MOBILE MONITORING REPORT

Date: 11/28/2007

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	0.103	28-Nov-07	10:24
2	John Delury Sr. Plaza	0.023	28-Nov-07	10:25
3	Fulton b/w Ryders Alley & Cliff St.	0.019	28-Nov-07	10:26

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	78.7	28-Nov-07	10:26
2	John Delury Sr. Plaza	73.8	28-Nov-07	0:00
3	Fulton b/w Ryders Alley & Cliff St.	70.4	28-Nov-07	0:00

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.019	28-Nov-07	10:47
2	Maiden b/t Front & South	0.017	28-Nov-07	10:48
3	Maiden & South	0.028	28-Nov-07	10:49
4	Fletcher & South	0.013	28-Nov-07	10:50
5	Fletcher b/t South & Front	0.024	28-Nov-07	10:51
6	Fletcher & Front	0.029	28-Nov-07	10:52

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	Maiden & Front	68.5	28-Nov-07	10:47
2	Maiden b/t Front & South	68.1	28-Nov-07	10:48
3	Maiden & South	72.5	28-Nov-07	10:49
4	Fletcher & South	74.5	28-Nov-07	10:50
5	Fletcher b/t South & Front	74.6	28-Nov-07	10:51
6	Fletcher & Front	68.8	28-Nov-07	10:52

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.013	28-Nov-07	11:15
2	Park b/t West Broadway & Church	0.007	28-Nov-07	11:16
3	Park & Church	0.005	28-Nov-07	11:17

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	Park & West Broadway	68.2	28-Nov-07	11:15
2	Park b/t West Broadway & Church	69.4	28-Nov-07	11:16
3	Park & Church	70.6	28-Nov-07	11:17

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.028	28-Nov-07	15:01
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	0.012	28-Nov-07	15:02
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	0.011	28-Nov-07	15:03
4	N End Ave & Vesey	0.009	28-Nov-07	15:04
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	0.010	28-Nov-07	15:05
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	0.015	28-Nov-07	15:06
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	0.011	28-Nov-07	15:06
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	0.045	28-Nov-07	15:07
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	0.044	28-Nov-07	15:08
10	Murray b/w West St & N End Ave (NW corner of Goldman Sachs site)	0.028	28-Nov-07	15:09
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	0.024	28-Nov-07	15:10
12	Murray b/w West St & N End Ave (2/3 block from NW corner of Goldman Sachs site)	0.023	28-Nov-07	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	Murray & N End Ave	69.4	28-Nov-07	15:01
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	73.4	28-Nov-07	15:02
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	74.0	28-Nov-07	15:03
4	N End Ave & Vesey	71.1	28-Nov-07	15:04
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	68.2	28-Nov-07	15:05
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	68.1	28-Nov-07	15:06
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	69.5	28-Nov-07	15:06
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	67.6	28-Nov-07	15:07
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	67.0	28-Nov-07	15:08
10	Murray b/w West St & N End Ave (NW corner of	69.5	28-Nov-07	15:09
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	67.6	28-Nov-07	15:10
12	Murray b/w West St & N End Ave (2/3 block from	68.0	28-Nov-07	15:11

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

### Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

### 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: 11/28/2007

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	0.018	28-Nov-07	14:07
2	Park Place & W Broadway	0.017	28-Nov-07	14:08
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	0.031	28-Nov-07	14:08
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	0.027	28-Nov-07	14:09
5	W Broadway & Murray	0.042	28-Nov-07	14:10
6	Murray, 50Yards E of West Broadway	0.015	28-Nov-07	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	Park Place, 50Yards E of W Broadway	69.4	28-Nov-07	14:07
2	Park Place & W Broadway	70.2	28-Nov-07	14:08
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	71.9	28-Nov-07	14:08
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	68.5	28-Nov-07	14:09
5	W Broadway & Murray	66.0	28-Nov-07	14:10
6	Murray, 50Yards E of West Broadway	66.3	28-Nov-07	14:11

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.016	28-Nov-07	14:04
2	Park b/t West Broadway & Church	0.034	28-Nov-07	14:05
3	Park & Church	0.025	28-Nov-07	14:06

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	Park & West Broadway	71.8	28-Nov-07	14:04
2	Park b/t West Broadway & Church	67.3	28-Nov-07	14:05
3	Park & Church	71.0	28-Nov-07	14:06

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.034	28-Nov-07	15:25
2	Warren and North End Ave.	0.028	28-Nov-07	15:26
3	Warren b/t North End and West St.	0.020	28-Nov-07	15:27

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	62.0	28-Nov-07	15:25
2	Warren and North End Ave.	61.4	28-Nov-07	15:26
3	Warren b/t North End and West St.	65.8	28-Nov-07	15:27

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	28-Nov-07	15:13
2	North End & Murray	0.011	28-Nov-07	15:14
3	Murray b/t North End & river Terrace	0.014	28-Nov-07	15:15
4	Murray & River Terrace	0.016	28-Nov-07	15:16
5	River Terrace b/t Murray & Vesey	0.009	28-Nov-07	15:17
6	River Terrace & Vesey	0.013	28-Nov-07	15:18
7	Midway along Irish Hunger Memorial	0.010	28-Nov-07	15:19
8	North End & Vesey	0.013	28-Nov-07	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	North End Ave. b/t Murray & Vesey	64.5	28-Nov-07	15:13
2	North End & Murray	66.9	28-Nov-07	15:14
3	Murray b/t North End & river Terrace	69.0	28-Nov-07	15:15
4	Murray & River Terrace	60.4	28-Nov-07	15:16
5	River Terrace b/t Murray & Vesey	63.9	28-Nov-07	15:17
6	River Terrace & Vesey	63.3	28-Nov-07	15:16
7	Midway along Irish Hunger Memorial	66.6	28-Nov-07	15:17
8	North End & Vesey	69.8	28-Nov-07	15:20

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.060	28-Nov-07	14:47
2	Vesey, midway b/t gates	0.012	28-Nov-07	14:48
3	Wvesey, SW corner of site	0.025	28-Nov-07	14:49
4	Midway on Westside of site b/t Murray & Vesey	0.033	28-Nov-07	14:50
5	Murray, NW corner of site	0.041	28-Nov-07	14:51
6	Murray at gate mid-way	0.016	28-Nov-07	14:52
7	West & Murray	0.021	28-Nov-07	14:53
8	Barclay & West	0.032	28-Nov-07	14:55

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	79.5	28-Nov-07	14:47
2	Vesey, midway b/t gates	74.0	28-Nov-07	14:48
3	Wvesey, SW corner of site	69.2	28-Nov-07	14:49
4	Midway on Westside of site b/t Murray & Vesey	65.7	28-Nov-07	14:50
5	Murray, NW corner of site	71.3	28-Nov-07	14:51
6	Murray at gate mid-way	70.9	28-Nov-07	14:50
7	West & Murray	67.9	28-Nov-07	14:51
8	Barclay & West	69.8	28-Nov-07	14:55

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.102	28-Nov-07	13:53
2	Barclay (20 yards in)	0.035	28-Nov-07	13:55
3	Barclay (40 yards in)	0.028	28-Nov-07	13:56

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	Barclay & Church	74.2	28-Nov-07	13:53
2	Barclay (20 yards in)	76.8	28-Nov-07	13:55
3	Barclay (40 yards in)	75.4	28-Nov-07	13:56

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.015	28-Nov-07	14:13
2	Park Place b/t West Broadway & Greenwich	0.028	28-Nov-07	14:14
3	Park Place & Greenwich	0.023	28-Nov-07	14:15
4	Greenwich b/t Barclay & Park Place	0.015	28-Nov-07	14:16
5	Barclay & Greenwich	0.012	28-Nov-07	14:17
6	Barclay b/w Greenwich & West Broadway	0.018	28-Nov-07	14:18
7	Barclay & West Broadway	0.005	28-Nov-07	14:19
8	West Broadway b/t Barclay & Park Place	0.018	28-Nov-07	14:20

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	West Broadway & Park Place	68.3	28-Nov-07	14:13
2	Park Place b/t West Broadway & Greenwich	66.6	28-Nov-07	14:14
3	Park Place & Greenwich	69.6	28-Nov-07	14:15
4	Greenwich b/t Barclay & Park Place	71.6	28-Nov-07	14:16
5	Barclay & Greenwich	72.7	28-Nov-07	14:17
6	Barclay b/w Greenwich & West Broadway	81.4	28-Nov-07	14:16
7	Barclay & West Broadway	80.0	28-Nov-07	14:17
8	West Broadway b/t Barclay & Park Place	77.6	28-Nov-07	14:20

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.034	28-Nov-07	14:26
2	SJU NE Corner adjacent to site	0.066	28-Nov-07	14:27
3	Murray, mid along site entrances	0.016	28-Nov-07	14:28
4	Greenwich & Murray	0.026	28-Nov-07	14:29
5	Greenwich b/t Murray & Warren	0.013	28-Nov-07	14:30
6	Greenwich & Warren	0.026	28-Nov-07	14:31
7	Warren b/t Greenwich & West	0.036	28-Nov-07	14:32
8	Warren & West	0.031	28-Nov-07	14:34

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	70.2	28-Nov-07	14:26
2	SJU NE Corner adjacent to site	77.3	28-Nov-07	14:27
3	Murray, mid along site entrances	69.8	28-Nov-07	14:28
4	Greenwich & Murray	68.9	28-Nov-07	14:29
5	Greenwich b/t Murray & Warren	68.2	28-Nov-07	14:30
6	Greenwich & Warren	68.1	28-Nov-07	14:29
7	Warren b/t Greenwich & West	73.5	28-Nov-07	14:30
8	Warren & West	69.2	28-Nov-07	14:34

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/28/2007

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	0.021	28-Nov-07	13:57
2	Barclay & Church	0.003	28-Nov-07	13:59
3	Church b/w Barclay & Park	—	—	—
4	Park & Church	0.021	28-Nov-07	14:00
5	Park b/t Church & Broadway	0.015	28-Nov-07	14:01

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	74.1	28-Nov-07	13:57
2	Barclay & Church	73.1	28-Nov-07	13:59
3	Church b/w Barclay & Park	—	—	—
4	Park & Church	71.1	28-Nov-07	14:00
5	Park b/t Church & Broadway	72.500	28-Nov-07	14:01

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

## Weather

Temperatures were in the 50s°F with clear skies and sunshine with light breeze.

## 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: 11/30/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	W. Broadway b/t Worth & Leonard	0.034	30-Nov-07	16:19
2	W. Broadway & Leonard	0.031	30-Nov-07	16:19
3	Leonard (midway along site)	0.053	30-Nov-07	16:20
4	Leonard mid b/t W. Broadway & Church	0.031	30-Nov-07	16:21
5	Worth (site entrance)	0.034	30-Nov-07	16:22

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	W. Broadway b/t Worth & Leonard	64.3	30-Nov-07	16:19
2	W. Broadway & Leonard	62.1	30-Nov-07	16:19
3	Leonard (midway along site)	70.1	30-Nov-07	16:20
4	Leonard mid b/t W. Broadway & Church	71.8	30-Nov-07	16:21
5	Worth (site entrance)	71.5	30-Nov-07	16:22

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

## Weather

Temperatures were in the lower 50s°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: 11/30/2007

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	0.031	30-Nov-07	15:48
2	Broadway, north corner of site	0.032	30-Nov-07	15:49
3	Reade (site entrance)	0.039	30-Nov-07	15:50

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	66.3	30-Nov-07	15:48
2	Broadway, north corner of site	70.5	30-Nov-07	15:49
3	Reade (site entrance)	73.1	30-Nov-07	15:50

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

## Weather

Temperatures were in the lower 50s°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: 11/30/2007

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	0.037	30-Nov-07	15:55
2	W. Broadway & Chambers (SE corner)	0.065	30-Nov-07	15:56
3	Chambers (E. edge of site)	0.091	30-Nov-07	15:57

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	77.0	30-Nov-07	15:55
2	W. Broadway & Chambers (SE corner)	78.6	30-Nov-07	15:56
3	Chambers (E. edge of site)	70.9	30-Nov-07	15:57

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

## weather

Temperatures were in the lower 50s°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: 11/30/2007

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)	0.046	30-Nov-07	15:58
2	Chambers (eastern edge of site)	0.048	30-Nov-07	15:59

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)	79.5	30-Nov-07	15:58
2	Chambers (eastern edge of site)	67.9	30-Nov-07	15:59

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

## weather

Temperatures were in the lower 50s°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: 11/30/2007

Location: Leonard St DOT (2500)

## 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	Leonard & Church (SE corner)	0.046	30-Nov-07	16:28
2	Leonard, ¼ to Broadway	0.041	30-Nov-07	16:29
3	Leonard mid b/t Church & Broadway	0.043	30-Nov-07	16:30
4	Leonard, ¼ from Broadway	0.037	30-Nov-07	16:31
5	Leonard & Broadway	0.037	30-Nov-07	16:32

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	Leonard & Church (SE corner)	77.3	30-Nov-07	16:28
2	Leonard, ¼ to Broadway	70.2	30-Nov-07	16:29
3	Leonard mid b/t Church & Broadway	66.0	30-Nov-07	16:30
4	Leonard, ¼ from Broadway	75.9	30-Nov-07	16:31
5	Leonard & Broadway	79.5	30-Nov-07	16:32

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

## Weather

Temperatures were in the lower 50s°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: 11/30/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	W. Broadway b/w Leonard & Worth	0.031	30-Nov-07	16:16
2	W. Broadway and Leonard (SW Corner)	0.054	30-Nov-07	16:17
3	Leonard b/w W. Broadway & Hudson	0.044	30-Nov-07	16:18

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/w Leonard & Worth	68.3	30-Nov-07	16:16
2	W. Broadway and Leonard (SW Corner)	70.2	30-Nov-07	16:17
3	Leonard b/w W. Broadway & Hudson	70.5	30-Nov-07	16:18

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

## Weather

Temperatures were in the lower 50s°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: 11/30/2007

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)	0.037	30-Nov-07	16:07
2	Duane & Church	0.033	30-Nov-07	16:10
3	Church b/t Duane & Thomas	0.038	30-Nov-07	16:11
4	Church & Thomas	0.033	30-Nov-07	16:12
5	Thomas (20 yds in)	0.031	30-Nov-07	16:12

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)	69.7	30-Nov-07	16:07
2	Duane & Church	65.8	30-Nov-07	16:10
3	Church b/t Duane & Thomas	77.8	30-Nov-07	16:11
4	Church & Thomas	78.0	30-Nov-07	16:12
5	Thomas (20 yds in)	77.1	30-Nov-07	16:12

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

## Weather

Temperatures were in the lower 50s°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: 11/30/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	Franklin St (western edge of site)	0.034	30-Nov-07	16:33
2	Franklin St (eastern edge of site)	0.031	30-Nov-07	16:34

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	Franklin St (western edge of site)	76.0	30-Nov-07	16:33
2	Franklin St (eastern edge of site)	77.2	30-Nov-07	16:34

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

## Weather

Temperatures were in the lower 50s°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: 11/30/2000

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	Hudson & Chambers	0.047	30-Nov-00	16:01
2	Hudson b/t Reade & Chambers	0.034	30-Nov-00	16:02
3	Hudson & Reade	0.030	30-Nov-00	16:03

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	Hudson & Chambers	70.5	30-Nov-00	16:01
2	Hudson b/t Reade & Chambers	73.2	30-Nov-00	16:02
3	Hudson & Reade	76.0	30-Nov-00	16:03

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

## Weather

Temperatures were in the lower 50s°F with clear skies and mild winds.

## Discussion

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

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# MOBILE MONITORING REPORT

Date: 11/30/2007

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 1.1 TSP Monitoring Results**

Monitoring ID Number	Locations	TSP (mg/m <sup>3</sup> )	Date	Time
1	Leonard mid b/t W. Broadway & Church	0.041	30-Nov-07	16:23
2	Leonard & Church	0.029	30-Nov-07	16:24
3	Church b/t Leonard & Worth	0.032	30-Nov-07	16:25

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

**Table 1.2 Noise Monitoring Results**

Monitoring	Locations	Noise	Date	Time
1	Leonard mid b/t W. Broadway & Church	72.1	30-Nov-07	16:23
2	Leonard & Church	75.3	30-Nov-07	16:24
3	Church b/t Leonard & Worth	74.5	30-Nov-07	16:25

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

## Weather

Temperatures were in the lower 50s°F with clear skies and mild winds.

## Discussion

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

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