



MOBILE MONITORING REPORT

Date: 9/2/2008

Location: Battery Park City
Projects (BPC 024)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Murray & N End Ave	0.041	81.6	11:17
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	0.024	78.9	11:16
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	0.021	77.5	11:15
4	N End Ave & Vesey	0.027	80.7	11:14
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	0.035	88.1	11:12
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	0.037	83.5	11:11
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	0.041	82.3	11:11
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	0.029	78.9	11:19
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	0.033	77.8	11:19
10	Murray b/w West St & N End Ave (NW corner of Goldman Sachs site)	0.036	84.7	11:12
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	0.050	85.3	11:13
12	Murray b/w West St & N End Ave (2/3 block from NW corner of Goldman Sachs site)	0.440	84.4	11:15

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

Weather Clear, mid-80's

Discussion

Elevated noise levels, including some readings above 85.0 dBA were observed on Murray St., North End Ave, and South End Ave. The primary source of the noise was pile driving operation underway at Site 2990, BPC Site 24. Pile driving occurred approximately 40% of the time.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/2/2008

Location: 115/125 Cedar St

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Trinity & Cedar	0.064	76.4	15:30
2	Trinity & Thames	0.070	75.8	15:29
3	Thames b/t Trinity & Greenwich	0.119	76.9	15:28
4	Thames & Greenwich	0.217	76.6	15:27
5	Greenwich & Cedar	0.145	78.5	15:25
6	Cedar b/t Greenwich & Trinity	0.067	80.2	15:24
7	Liberty & Greenwich (new gate)	0.081	77.4	15:22
8	Liberty mid b/t Greenwich & Church	0.056	76.4	15:23
9	Gate 3 (Liberty & Church)	0.032	76.0	15:32

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

Weather Clear, mid-80's

Discussion

Elevated TSO levels were associated with various construction sites including 0700, 0800, and 1120.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/2/2008

Location: 9A - Phase 2 (0020)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Albany & West (NW corner)	0.215	78.4	15:00
7	West & Vesey (SW corner)	0.042	80.7	15:04
8	West & Vesey (NW Corner)	0.051	81.3	15:06
9	West b/t Vesey & Murray	0.039	77.6	15:01
10	West & Murray (SW corner)	0.046	79.1	14:59
11	West & Murray (NW corner)	0.032	78.6	14:58
12	Mid. West b/t Murray & Warren	0.039	77.3	14:55
13	West & Warren (SW corner)	0.033	76.0	14:40

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

Weather Clear, mid-80's

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: 9/2/2008

Location: Fulton Street Transit
Center (0590, 0610)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Church & Cortland	0.026	80.2	10:11
2	Church b/t Cortland & Dey	0.022	75.3	10:12
3	Church & Dey	0.115	76.9	10:12
4	Midpoint on Church b/t Dey & Fulton	0.128	78.5	10:13
5	Church & Fulton	0.085	76.2	10:20
6	Midpoint on Fulton b/t Church & Broadway	0.054	79.0	10:21
7	Midpoint on Fulton b/t Nassau & Broadway	0.051	76.1	10:26
8	SE Corner of Fulton & Broadway	0.063	79.0	10:25
9	Broadway b/t Fulton and John (¼ to Fulton)	0.048	77.0	10:29
10	Midpoint Broadway b/t Fulton and John	0.052	77.6	10:30
11	Broadway b/t Fulton & John (¼ to John)	0.047	78.5	10:32
12	Broadway & John	0.057	79.2	10:32
13	Mid Broadway b/w Cortlandt & Dey (Demo)	0.090	76.0	10:34
14	Southwest corner of Broadway & Dey	0.078	78.3	10:22
15	Dey, ¼ to Broadway	0.104	79.1	10:21
16	Dey, ½ to Church	0.117	78.6	10:20
17	Dey, ¼ to Church	0.160	76.4	10:20
18	SW corner of Broadway & Cortlandt	0.086	77.9	10:17
19	Midpoint Broadway b/t Cortlandt & Liberty	0.052	80.5	10:16

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

Weather

Clear, Mid-80's

Discussion

Visible dust emissions observed at Dey St. from site 0590 where personnel were mixing concrete mix in a wheel barrel

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/2/2008

Location: 130 Liberty Street
Deconstruction
(0800)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
5	Greenwich & Albany	0.210	79.4	14:11
6	Albany b/t Washington & Greenwich	0.163	78.2	14:14
7	Albany & Washington	0.086	76.9	14:15

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

Weather Clear, Mid-80's

Discussion

Visible emissions observed. Sources included dust and debris on Washington St, Site 1120, and WTC.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/2/2008

Location: 123 Washington St.
(1120)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	NE Corner of Site	0.076	79.4	14:08
2	Middle of Site along Albany	0.086	77.9	14:10
3	Washington & Albany	0.113	78.6	14:05
4	Washington b/t Albany & Carlisle	0.171	77.5	14:03
5	Carlisle & Washington	0.144	77.4	14:00

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

Weather clear, Mid-80's

Discussion

Visible dust emissions observed. Sources included Site 1120 and general dirt and dust accumulated on Washington St

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/4/2008
 Location: WTC Projects
(0700, 0730, 0750, 0760, 0780, 1280, 1320)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction sites as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	West & Vesey	0.065	82.1	10:55
2	Vesey & Washington	0.055	80.4	10:55
3	PATH Entrance	0.061	79.8	10:54
4	Vesey b/w W. Broadway and Church	0.056	80.5	10:55
5	Church & Vesey	0.078	82.8	10:50
6	Church & Fulton	0.092	80.9	10:49
7	Church & Dey	0.079	82.9	10:48
8	Church & Cortladt	0.076	80.7	10:47
9	Trinity & Liberty	0.118	82.5	10:40
10	Liberty & greenwich	0.212	81.1	10:42

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

Weather

Clear and high 80's

Discussion

Out of compliance TSP reading >0.150 mg/m³) were observed at Libeerty and Greenwich (Gate 3C). LMCCC instructed contractor's representative to use water to wet site entrance and adjacent roadways.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/4/2008

Location: 130 Liberty Street
Deconstruction
(0800)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Liberty & Washington (outside gate)	0.181	80.1	10:41
3	Greenwich & Liberty	0.212	81.1	10:42
4	Greenwich & Cedar	0.080	71.7	11:17
5	Greenwich & Albany	0.090	75.9	11:19
6	Albany b/t Washington & Greenwich	0.088	73.7	11:20
7	Albany & Washington	0.095	74.5	11:21

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

Weather

Clear and high 80's

Discussion

Out of compliance TSP reading >0.150 mg/m³) were observed at Liberty and Greenwich (Gate 3C). LMCCC instructed contractor's representative to use water to wet site entrance and adjacent roadways.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/4/2008

Location: Beekman Tower (0840)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Beekman, east of Nassau	0.068	72..2	14:35
2	Beekman, b/t Nassau & William	0.078	74.7	14:36
3	Beekman & William	0.097	74.2	14:37
4	William, in front of hospital entrance	0.067	72.3	14:38
5	Spruce & William	0.109	75.0	14:39
6	Spruce b/t William & Nassau	0.105	76.7	14:39
7	Spruce, east of Nassau	0.097	74.3	14:40

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

Weather

Clear and high 80's

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/4/2008

Location: 99 Washington Street
(5260)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Rector b/t Greenwich & Washington	0.085	73.5	11:28
2	Rector & Washington	0.083	72.4	11:29
3	Washington b/t Rector & Carlisle	0.880	72.0	11:29

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

Weather

Clear and high 80's

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/4/2008

Location: Private Project
67 Liberty Street
(5460)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Broadway & Liberty St.	0.081	71.6	11:45
2	Liberty St. between Broadway & Liberty Rd.	0.092	71.5	11:46
3	Liberty St. & Liberty Rd.	0.094	72.3	11:46
4	Liberty St. & Pine St.	0.084	74.9	11:49

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

Weather

Clear and high 80's

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held





MOBILE MONITORING REPORT

Date: 9/11/2008

Location: Beekman Tower (0840)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Beekman, east of Nassau	0.045	74.7	14:46
2	Beekman, b/t Nassau & William	0.061	72.9	14:46
3	Beekman & William	0.067	77.3	14:45
4	William, in front of hospital entrance	0.052	75.3	14:48
5	Spruce & William	0.037	74.1	14:48
6	Spruce b/t William & Nassau	0.042	76.0	14:49
7	Spruce, east of Nassau	0.053	73.8	14:49

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

Weather Low 70's and overcast.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/11/2008

Location: Private Project
67 Liberty Street
(5460)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Broadway & Liberty St.	0.037	82.4	14:32
2	Liberty St. between Broadway & Liberty Rd.	0.052	83.2	14:33
3	Liberty St. & Liberty Pl.	0.065	81.7	14:34
4	Liberty St. & Nassau St.	0.136	80.2	14:37

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

Weather Low 70's and overcast

Discussion

Elevated TSP observed at Liberty St and Nassau St downwind of jackhammer operation. Site foreman said they would use water spray to control dust.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/15/2008

Location: 34 Leonard St (2970)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	W. Broadway b/w Leonard & Worth	0.024	68.4	13:47
2	W. Broadway and Leonard (SW Corner)	0.049	75.9	13:48
3	Leonard b/w W. Broadway & Hudson)	0.047	77.9	13:49

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

Weather

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: 9/15/2008

Location: NYU Law School
Library (1730)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	W. Broadway b/t Worth & Leonard	0.030	82.7	13:53
2	W. Broadway & Leonard	0.037	79.2	13:54
3	Leonard (midway along site)	0.027	88.8	13:55
4	Leonard mid b/t W. Broadway & Church	0.028	80.7	13:56
5	Worth (site entrance)	0.018	68.3	13:51

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

Weather

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: 9/15/2008

Location: 56 Leonard St (5230)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Leonard mid b/t W. Broadway & Church	0.063	80.1	13:57
2	Leonard & Church	0.040	75.2	13:58
3	Church b/t Leonard & Worth	0.020	73.3	13:59

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

Weather

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: 9/15/2008

Location: 371 Broadway (5470)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	West Edge of Site	0.024	69.2	15:05
2	East Edge of Site	0.024	71.2	14:07

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

Weather

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: 9/15/2008

Location: 50 Franklin St (3170)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Franklin St (western edge of site)	0.021	85.3	14:09
2	Franklin St (eastern edge of site)	0.035	69.7	14:10

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

Weather

Discussion

The elevated noise level was from the operation of a concrete pump. Pnce the pump was shut down, the noise dissipated.

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2008

Location: 9A - Phase 2 (0020)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Albany & West (NW corner)	0.044	80.5	14:36
2	Mid West b/t Albany & Liberty	0.051	81.4	14:34
3	West & Liberty (SW Corner)	0.067	81.1	14:33
4	1/3 West b/t Liberty & Vesey	0.058	79.6	14:28
5	Mid West b/t Liberty & Vesey	0.069	80.7	14:27
6	2/3 West b/t Liberty & Vesey	0.048	82.3	14:27
7	West & Vesey (SW corner)	0.088	81.6	14:24
8	West & Vesey (NW Corner)	0.118	82.7	14:23
9	West b/t Vesey & Barclay	0.135	78.2	14:29
10	West & Murray (SW corner)	0.042	76.1	14:22
11	West & Murray (NW corner)	0.057	78.6	14:21
12	Mid. West b/t Murray & Warren	0.018	84.0	14:20
13	West & Warren (SW corner)	0.037	73.4	14:16
14	West & Chambers	0.044	75.7	14:15

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

Weather

70 degrees with cloudy skies

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2008

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: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Nassau b/t Pine & Cedar	0.045	78.5	11:54
2	Nassau & Cedar	0.039	79.3	11:53
3	Chase Manhattan Courtyard	0.030	74.6	11:51
4	Pine b/t William & Nassau (corner of site)	0.070	76.1	11:56
5	Pine b/t William & Nassau (middle of block)	0.041	75.3	11:57
6	Pine b/t William & Nassau (middle of site)	0.059	78.4	11:57
7	Pine & Nassau	0.046	80.8	11:58

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

Weather

70 degrees and cloudy skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2008

Location: 57 Reade St (1770)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Broadway, south corner of site	0.028	77.2	12:32
2	Broadway, north corner of site	0.034	72.6	12:33
3	Reade (site entrance)	0.014	68.5	12:34

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

Weather

70 degrees with cloudy skies

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2008

Location: 201 Pearl Street (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: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Maiden b/t Gold & Pearl	0.039	67.8	12:10
2	Maiden & Pearl	0.048	69.4	12:11
3	Pearl & Fletcher	0.025	78.6	12:12

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

Weather

70 degrees and cloudy skies

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2008

Location: 85 W. Broadway (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: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	W. Broadway b/t Warren & Chambers	0.027	72.8	13:09
2	W. Broadway & Chambers (SE corner)	0.036	72.7	13:08
3	Chambers (E. edge of site)	0.014	70.4	13:10

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

Weather

70 degrees and cloudy skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site, however a substantial amount of white dust, suspected to be cement, was observed on the street in the site laydown area.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2008

Location: 157 Chambers (2150)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Chambers (western edge of site)	0.150	71.3	13:20
2	Chambers (center of site)	0.350	67.6	13:25
3	Chambers (eastern edge of site)	0.125	68.4	13:31

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

Weather

70 degrees and cloudy skies.

Discussion

TSP levels >0.150 mg/m³ were observed near entranceways to site. Visible dust was observed inside building (inside site) and measurements indicated TSP levels >1.280 mg/m³. A lot of concrete demolition debris was observed inside site.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/16/2008

Location: NYCT Chambers (3500)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Hudson & Chambers	0.046	77.1	13:04
2	Hudson b/t Reade & Chambers	0.045	79.1	13:05
3	Hudson & Reade	0.032	78.5	13:06

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

Weather

70 degrees and cloudy skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008

Location: Fulton Street Transit
Center (0590, 0610)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Church & Cortland	0.029	80.6	9:55
2	Church b/t Cortland & Dey	0.034	82.3	9:56
3	Church & Dey	0.041	82.1	10:20
4	Midpoint on Church b/t Dey & Fulton	0.039	78.4	10:19
5	Church & Fulton	0.045	82.2	10:18
6	Midpoint on Fulton b/t Church & Broadway	0.061	80.0	10:22
7	Midpoint on Fulton b/t Nassau & Broadway	0.044	68.7	10:33
8	SE Corner of Fulton & Broadway	0.086	67.3	10:23
9	Broadway b/t Fulton and John (¼ to Fulton)	0.067	78.3	10:24
10	Midpoint Broadway b/t Fulton and John	0.056	72.4	10:24
11	Broadway b/t Fulton & John (¼ to John)	0.042	82.2	10:25
12	Broadway & John	0.039	83.1	10:23
13	Mid Broadway b/w Cortlandt & Dey (Demo)	0.047	80.3	10:34
14	Southwest corner of Broadway & Dey	0.084	82.6	10:35
15	Dey, ¼ to Broadway	0.186	76.5	10:27
16	Dey, ½ to Church	0.167	77.6	10:30
17	Dey, ¼ to Church	0.135	78.3	10:28
18	SW corner of Broadway & Cortlandt	0.048	81.0	10:26
19	Midpoint Broadway b/t Cortlandt & Liberty	0.052	79.3	10:27

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

Weather

70's and clear skies.

Discussion

Elevated TSP readings were observed. See Dust Control report for additional information. No anomalous or out-of-compliance noise readings were observed at this site.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008
Location: WTC Projects
(0700, 0730, 0750, 0760, 0780,
1280, 1320)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	West & Vesey	0.034	81.7	10:15
2	Vesey & Washington	0.029	76.1	10:12
3	PATH Entrance	0.050	82.1	10:11
4	Vesey b/w W. Broadway and Church	0.039	76.2	10:10
5	Church & Vesey	0.042	76.2	10:09
6	Church & Fulton	0.045	81.3	10:08
7	Church & Dey	0.050	75.5	10:07
8	Church & Cortlandt	0.033	76.0	10:05
9	Trinity & Liberty	0.040	71.5	10:00
10	Liberty & Greenwich	0.037	74.8	10:02

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

Weather

70's and clear skies

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008

Location: Beekman Tower (0840)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Beekman, east of Nassau	0.021	78.2	10:41
2	Beekman, b/t Nassau & William	0.250	91.5	11:00
3	Beekman & William	0.103	86.1	10:50
4	William, in front of hospital entrance	0.056	76.4	10:46
5	Spruce & William	0.052	81.6	10:45
6	Spruce b/t William & Nassau	0.039	76.2	10:42
7	Spruce, east of Nassau	0.024	79.5	10:44

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

Weather

70's and clear skies.

Discussion

Elevated TSP and noise readings were observed on Beekman St. from jackhammer operations. See Dust Control report for more information.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008

Location: NYU Law School
Library (1730)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	W. Broadway b/t Worth & Leonard	0.033	73.4	13:05
2	W. Broadway & Leonard	0.058	76.1	12:55
3	Leonard (midway along site)	0.069	74.7	12:53
4	Leonard mid b/t W. Broadway & Church	0.047	76.3	12:49
5	Worth (site entrance)	0.042	68.5	13:10

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

Weather

70's and clear skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008

Location: 85 W. Broadway (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: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	W. Broadway b/t Warren & Chambers	0.033	68.8	13:20
2	W. Broadway & Chambers (SE corner)	0.040	71.2	13:21
3	Chambers (E. edge of site)	0.043	70.7	13:22

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

Weather

70's and clear skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. Foreman wa consulted about cement dust on street and started to hose area. See Dust Control report for details.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008

Location: NYCT Chambers (3500)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Hudson & Chambers	0.035	64.8	13:15
2	Hudson b/t Reade & Chambers	0.041	68.5	13:16
3	Hudson & Reade	0.048	76.4	13:17

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

Weather

70's and clear skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008

Location: 56 Leonard St (5230)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Leonard mid b/t W. Broadway & Church	0.233	79.7	12:40
2	Leonard & Church	0.120	76.2	12:38
3	Church b/t Leonard & Worth	0.048	77.5	12:45

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

Weather

70's and clear skies.

Discussion

Elevated TSP readings were observed at this site, see Dust Control report for additional information.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/18/2008

Location: Fulton Street
(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: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Fulton b/w Church St. & Broadway	0.046	76.4	11:38
2	Fulton & Broadway	0.036	78.4	11:36
3	Fulton b/w Broadway & Nassau St.	0.103	75	11:34
4	Fulton & Nassau (10 yards in Fulton)	0.047	73.4	11:27
5	Fulton & Dutch St.	0.038	67.8	11:28
6	Fulton b/w William & Gold St.	0.068	72.3	11:29
7	Fulton & Gold	0.132	70.4	11:30
8	John Delury Sr. Plaza	0.052	68.5	11:31
9	Fulton b/w Ryders Alley & Cliff St.	0.042	66.2	11:32

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

Weather

70's and clear skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. A visible emission was observed prior to the start of environmental monitoring. See Dust Control report for details.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2008

Location: Embassy Suites

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Murray & N End Ave	0.022	75.6	11:14
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	0.026	77.9	11:14
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	0.036	76.8	11:15
4	N End Ave & Vesey	0.031	74.1	11:15
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	0.117	77.4	11:16
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	0.060	76.0	11:17
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	0.078	78.3	11:16
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	0.044	70.5	11:13
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	0.034	78.5	11:12
10	Murray b/w West St & N End Ave (NW corner of Goldman Sachs site)	0.025	76.2	11:10
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	0.022	68.4	11:09
12	Murray b/w West St & N End Ave (2/3 block from NW corner of Goldman Sachs site)	0.033	67.6	11:09

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

Weather 60's and clear skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. Elevated readings and visible emissions were observed in at Site 0530 nearby.

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2008

Location: 115/125 Cedar St

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Trinity & Cedar	0.048	74.7	10:21
2	Trinity & Thames	0.031	74.0	10:25
3	Thames b/t Trinity & Greenwich	0.029	68.5	10:24
4	Thames & Greenwich	0.052	67.3	10:23
5	Greenwich & Cedar	0.078	78.3	10:19
6	Cedar b/t Greenwich & Trinity	0.052	74.6	10:20
7	Liberty & Greenwich (new gate)	0.037	77.7	10:16
8	Liberty mid b/t Greenwich & Church	0.045	78.4	10:16
9	Gate 3 (Liberty & Church)	0.038	75.1	10:17

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

Weather 60's and clear skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2008

Location: 9A - Phase 2 (0020)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	Albany & West (NW corner)	0.041	75.8	10:43
2	Mid West b/t Albany & Liberty	0.019	74.8	10:44
3	West & Liberty (SW Corner)	0.042	76.9	10:45
4	1/3 West b/t Liberty & Vesey	0.021	74.2	10:45
5	Mid West b/t Liberty & Vesey	0.029	79.0	10:48
6	2/3 West b/t Liberty & Vesey	0.040	77.5	10:48
7	West & Vesey (SW corner)	0.046	81.3	10:49
8	West & Vesey (NW Corner)	0.042	82.6	10:52
9	West b/t Vesey & Murray	0.026	81.9	10:52
10	West & Murray (SW corner)	0.040	78.1	10:52
11	West & Murray (NW corner)	0.032	77.3	10:53
12	Mid. West b/t Murray & Warren	0.009	70.2	11:00
13	West & Warren (SW corner)	0.022	73.8	11:01
14	West & Chambers	0.025	78.3	11:02

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

Weather 60's and clear skies with wind gusts.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2008

Location: BPC Site 26
Goldman Sachs (0530)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	West & Vesey	0.157	78.6	11:24
2	Vesey, midway b/t gates	0.117	79.4	11:36
3	Wvesey, SW corner of site	0.063	82.1	11:26
4	Midway on Westside of site b/t Murray & Vesey	0.043	80.3	11:30
5	Murray, NW corner of site	0.047	76.7	11:28
6	Murray at gate mid-way	0.026	64.7	11:29
7	West & Murray	0.032	79.2	11:30
8	Barclay & West	0.047	71.0	11:31

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

Weather 60's, clear skies, and wind gusts.

Discussion

Elevated TSP readings and visible emissions observed coming from construction entrance on Vesey St. Track-out observed in road. Discussed concerns with Site Superintendent Scott.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2008

Location: WTC Projects
(0700, 0730, 0750, 0760, 0780, 1280, 1320)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction sites as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	West & Vesey	0.039	80.8	11:48
2	Vesey & Washington	0.056	75.7	11:49
3	PATH Entrance	0.042	76.4	11:48
4	Vesey b/w W. Broadway and Church	0.027	77.0	11:50
5	Church & Vesey	0.036	81.3	11:52
6	Church & Fulton	0.036	82.6	11:53
7	Church & Dey	0.029	78.5	11:54
8	Church & Cortladt	0.023	80.3	11:55
9	Trinity & Liberty	0.031	74.6	10:11
10	Liberty & greenwich	0.045	76.2	10:12
11	Liberty b/w Washington & Greenwich	0.048	78.6	10:12
12	Liberty & washington	0.037	76.9	10:13
13	Liberty b/w West & Washington	0.024	81.3	10:13

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

Weather 60's with clear skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2008

Location: 130 Cedar (0880)

Objective:

At the direction of Tom Kunkel, total suspended particulate (TSP) and noise mobile monitoring was conducted at the above Lower Manhattan construction site as detailed in the tables below. Mobile monitoring was conducted to ensure environmental performance commitments are being achieved and to establish TSP and noise monitoring history for every significant construction site in Lower Manhattan.

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	0.071	81.3	10:29
2	Northeast corner of 130 Cedar	0.103	80.8	10:31
3	Midpoint on West side sidewalk (Washington)	0.034	75.9	10:33
4	Albany & Washington	0.045	77.3	10:34
5	Albany in front of 130 Cedar	0.037	79.3	10:37

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

Weather 60's and clear skies.

Discussion

Elevated readings on Cedar St. appeared to be from construction activities in multiple locations of building interior.

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 9/23/2008

Location: 50 Trinity Place (5270)

Objective:

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

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

Table 1: TSP and Noise Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m ³)	Noise (dB)	Time
1	On Trinity Pl (South End of Site)	0.024	68.0	10:38
2	Trinity & Rector	0.031	71.3	10:40
3	Rector b/t Trinity & Greenwich	0.016	74.7	10\$1

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

Weather 60's and clear skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.

