

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.

The following sites were inspected in July 2007.

Wall Street-William>Hanover & Pearl>Water

BPC Site 16-17

PBC Site 26 Goldman Sachs

CATEX

Dey Street

Transit Center

South Ferry Box

SFSSP-Finishes

Bowling Green 4/5 ADA Improvements

WTC Memorial & Museum

Freedom Tower

East Bathtub Slurry Wall

130 Liberty

10/12 Barclay Street

33 Beekman Street

Beekman Tower

British Memorial Garden

130 Cedar Street

200 Chambers Street

20 Exchange Place

Fiterman Hall

270 Greenwich Street

20 Pine Street

37 Wall Street

123 Washington Street

15 William Street

Water Street-Fulton>Beekman

East/West Connector

9A Interfaces

BPC Site 3

21 Ann Street
40 Broad Street
1 York Street
Parker Development
New York Law School Library
475 Greenwich Street
415 Washington Street
57 Reade Street
101 Maiden Lane
151-157 Hudson Street
443 Greenwich Street
85 W. Broadway-128 Chambers Street
414 Washington Street
415 Greenwich Street
408 Greenwich Street
157 Chambers Street
Leonard Street-Church>Broadway
34 Leonard Street
111 Washington Street
52 Thomas Street
75 Wall Street
NYCT Chambers ADA
370 Canal Street
20 Maiden Lane
72 Wall St (AIG Bollards)
8 Stone St
126 Water Street
56 Leonard Street
88 Greenwich Street
PATH Temporary Access
90 West Street
Marriot Financial Center Hotel
67 Wall

MOBILE MONITORING REPORT

Date: 7/3/2007

Location: Fulton Street Transit Center
(0590, 0580, 0780)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Church & Cortland	74.6	July 3, 2007	11:00
2	Church b/t Cortland & Dey	75.0	July 3, 2007	11:00
3	Church & Dey	76.2	July 3, 2007	11:01
4	Midpoint on Church b/t Dey & Fulton	75.7	July 3, 2007	11:02
5	Church & Fulton	74.5	July 3, 2007	11:03
6	Midpoint on Fulton b/t Church & Broadway	69.9	July 3, 2007	11:03
7	Southwest corner of Fulton & Broadway	71.1	July 3, 2007	11:04
8	Midpoint on Fulton between Broadway & Nassau	75.0	July 3, 2007	11:05
9	Fulton ¼ to Broadway (b/w Broadway and Nassau)	77.6	July 3, 2007	11:07
10	Southeast corner of Fulton & Broadway	75.7	July 3, 2007	11:10
11	Midpoint on Broadway b/t Fulton & Dey	79.7	July 3, 2007	11:11
12	Broadway & John	76.9	July 3, 2007	11:11
13	Broadway b/w Cortlandt & Dey in front of 189 Broadway Demolition	78.8	July 3, 2007	11:12
14	Southwest corner of Broadway & Dey	83.8	July 3, 2007	11:13
15	Dey, ¼ to Broadway	79.7	July 3, 2007	11:14
16	Dey, ½ to Church	80.1	July 3, 2007	11:14
17	Dey, ¼ to Church	75.7	July 3, 2007	11:15
18	Midpoint on Broadway b/w Cortlandt & Liberty	78.6	July 3, 2007	11:16
19	Corner of Broadway & Cortlandt	73.0	July 3, 2007	11:17

Weather

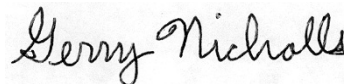
Temperatures were in the upper 70s°F and mostly clear skies.

Discussion

No elevated TSP or noise readings were observed.



David Frucher
 Lower Manhattan Construction Command Center



Gerry Nicholls
 BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/3/2007

Location: 109 Washington Street

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Carlisle & Washington	74.1	July 3, 2007	13:10
2	Washington, North end of site	73.6	July 3, 2007	13:11
3	Washington, South end of site	72.3	July 3, 2007	13:11
4	Rector & Washington	75.0	July 3, 2007	13:12

Weather

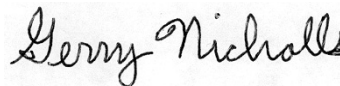
Temperatures were in the upper 70s°F and mostly clear skies.

Discussion

No elevated TSP or noise readings were observed. Construction activities were raising plywood along street level building walls, laying wood planking for scaffolding, and cutting metal with plasma torch. Piles of demolished/broken-up concrete were laying inside the building, potentially the source of visible dust from earlier in the day.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/6/2007

Location: South Ferry (0640, 0650)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	State b/t Whitehall & construction entrance	72.8	July 6, 2007	1127
2	State & Whitehall	72.1	July 6, 2007	1129
3	Whitehall b/t State & Ferry Terminal	73.5	July 6, 2007	1130
4	Street side of Ferry terminal entrance	72.1	July 6, 2007	1131
5	Middle of Ferry Terminal entrance	74.6	July 6, 2007	1133
6	Park side construction gate	86.2	July 6, 2007	1134
7	Middle of drive along park side	70.0	July 6, 2007	1136
8	State street entrance (east side gate)	75.4	July 6, 2007	1138
9	State street entrance (west side gate)	72.9	July 6, 2007	1140
10	Corner of State	71.9	July 6, 2007	1141
11	Across from 17 State	75.7	July 6, 2007	1142
12	State & Pearl	72.3	July 6, 2007	1147
13	Walkway into park	72.5	July 6, 2007	1150
14	State & Broadway plaza flagpole	69.7	July 6, 2007	1151
15	State & Broadway	70.7	July 6, 2007	1152
Monitoring ID Number	Locations	Noise (dB)	Date	Time
16	State & Greenwich (south side of crosswalk)	70.7	July 6, 2007	1153
17	State & Greenwich (northeast corner)	71.4	July 6, 2007	1157
18	Greenwich 20 yards in	78.3	July 6, 2007	1158
19	Greenwich in front of DMV	75.8	July 6, 2007	1159
21	State & Washington	71.4	July 6, 2007	1200

Weather

Temperatures were in the upper 70s°F and mostly clear skies.

Discussion

An elevated noise reading was measured in the vicinity of the park construction gate (location 8). The elevated noise reading was attributed to an excavator fitted with a hydraulic hammer. The proximity of this operation to the construction gate, where noise was not attenuated by wooden construction fences, likely contributed to the elevated reading. No elevated TSP readings were observed.



David Frucher
Lower Manhattan Construction Command Center



Matthew Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/6/07

Location: Bowling Green (0670)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Broadway (Westside – north of State)	67.4	6-Jul-07	1118
2	Broadway & State	72.8	6-Jul-07	1119
3	Broadway (eastside)	78.8	6-Jul-07	1120

Weather

Temperatures were in the upper 80s°F and mostly clear skies.

Discussion

No elevated TSP or noise readings were observed.



David Frucher
Lower Manhattan Construction Command Center



Matthew Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/9/2007

Location: Fulton Street Transit Center
(0590, 0580, 0780)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Church & Cortland	78.7	July 7, 2007	9:55
2	Church b/t Cortland & Dey	80.2	July 7, 2007	9:57
3	Church & Dey	78.8	July 7, 2007	9:58
4	Midpoint on Church b/t Dey & Fulton	78.0	July 7, 2007	10:00
5	Church & Fulton	79.3	July 7, 2007	10:02
6	Midpoint on Fulton b/t Church & Broadway	73.7	July 7, 2007	10:03
7	Southwest corner of Fulton & Broadway	78.3	July 7, 2007	10:05
8	Midpoint on Fulton between Broadway & Nassau	74.3	July 7, 2007	10:06
9	Fulton ¼ to Broadway (b/w Broadway and Nassau)	67.7	July 7, 2007	10:07
10	Southeast corner of Fulton & Broadway	76.8	July 7, 2007	10:08
11	Midpoint on Broadway b/t Fulton & Dey	79.9	July 7, 2007	10:10
12	Broadway & John	78.3	July 7, 2007	10:15
13	Broadway b/w Cortlandt & Dey in front of 189 Broadway Demolition	76.2	July 7, 2007	10:17
14	Southwest corner of Broadway & Dey	76.5	July 7, 2007	10:18
15	Dey, ¼ to Broadway	76.7	July 7, 2007	10:20
16	Dey, ½ to Church	74.4	July 7, 2007	10:22
17	Dey, ¼ to Church	77.2	July 7, 2007	10:23
18	Midpoint on Broadway b/w Cortlandt & Liberty	75.5	July 7, 2007	10:26
19	Corner of Broadway & Cortlandt	76.5	July 7, 2007	10:27

Weather

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

Discussion

TSP readings were generally high, most likely due to regional weather conditions, including high humidity and haze. Several readings were found to be above the threshold. Elevated readings recorded at the corner of Church and Cortlandt Streets (locations 2 & 3) appeared to result from stone cutting operations at the corner of Cortlandt Street and Broadway. Workers were wetting the area down, however the quantity of water being used was inadequate to prevent dust escaping. The matter was discussed with the site supervisor, who said he would direct his personnel to increase the quantity of water being used in the cutting operation.



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/10/2007

Location: Fulton Street Transit Center
(0590, 0580, 0780)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Church & Cortland	75.5	July 10, 2007	11:10
2	Church b/t Cortland & Dey	76.0	July 10, 2007	11:12
3	Church & Dey	74.5	July 10, 2007	11:14
4	Midpoint on Church b/t Dey & Fulton	74.7	July 10, 2007	11:15
5	Church & Fulton	76.1	July 10, 2007	11:16
6	Midpoint on Fulton b/t Church & Broadway	72.4	July 10, 2007	11:17
7	Southwest corner of Fulton & Broadway	76.9	July 10, 2007	11:18
8	Midpoint on Fulton between Broadway & Nassau	75.6	July 10, 2007	11:20
9	Fulton ¼ to Broadway (b/w Broadway and Nassau)	75.0	July 10, 2007	11:21
10	Southeast corner of Fulton & Broadway	74.1	July 10, 2007	11:30
11	Midpoint on Broadway b/t Fulton & Dey	76.8	July 10, 2007	11:32
12	Broadway & John	74.4	July 10, 2007	11:34
13	Broadway b/w Cortlandt & Dey in front of 189 Broadway Demolition	75.3	July 10, 2007	11:35
14	Southwest corner of Broadway & Dey	74.0	July 10, 2007	11:36
15	Dey, ¼ to Broadway	72.4	July 10, 2007	11:37
16	Dey, ½ to Church	76.2	July 10, 2007	11:38
17	Dey, ¼ to Church	79.8	July 10, 2007	11:39
18	Midpoint on Broadway b/w Cortlandt & Liberty	77.3	July 10, 2007	11:40
19	Corner of Broadway & Cortlandt	89.5	July 10, 2007	11:41

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Table 1.3 Noise Point Source Measurements

Monitoring ID Number	Locations/Noise Source	Noise (dB) at 50 ft.	Date	Time
19	Jackhammer	85.9	July 10, 2007	11:41

Weather

Temperatures were in the upper 90s°F with clear skies, local haze and high humidity.

Discussion

All TSP readings were above the 150mg/m³ level, most likely due to regional weather conditions, including high humidity and haze. Several readings were found to be particularly high, probably due to construction activities. Elevated readings recorded on Fulton Street and at the corner of Fulton Street and Broadway (locations 9 & 10) appeared to result from demolition operations at the 204-210 Broadway site. A worker was wetting the area down, however the quantity of water being used was inadequate to prevent dust escaping (Figure 1). An elevated noise reading was measured at the Corner of Broadway and Cortlandt Street. The source of the elevated reading was a jack hammering operation on the sidewalk.



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/11/2007

WTC Projects
(0700, 0730, 0780, 1280, 1320)

Objective:

At the direction of Tom Kunkel, noise mobile monitoring was conducted at WTC construction projects as detailed in the table below.

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

Table 1.1 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Gate 7	79.1	July 11, 2007	1039
2	Liberty b/t Washington & Greenwich	74.9	July 11, 2007	1040
3	Greenwich & Liberty	75.3	July 11, 2007	1041
4	Liberty (new gate)	78.1	July 11, 2007	1041
5	Liberty mid b/t Greenwich & Church	79.2	July 11, 2007	1042
6	Gate 3 (Liberty & Church)	74.6	July 11, 2007	1044
7	Church b/t Liberty & Cortland	74.2	July 11, 2007	1045
8	Church & Cortland	74.1	July 11, 2007	1046
9	Church & Dey	72.5	July 11, 2007	1047
10	PATH Entrance	80.4	July 11, 2007	1049
11	Gate 10	86.9	July 11, 2007	1052
12	Vesey & Church	72.5	July 11, 2007	1054
13	Vesey, approx 30 yards from Church	80.4	July 11, 2007	1055
14	Vesey & Greenwich	71.8	July 11, 2007	1059
15	Washington & Vesey	71.6	July 11, 2007	1100
16	Vesey & Westside (SE corner)	80.1	July 11, 2007	1100
17	Westside ¼ to Liberty	74.8	July 11, 2007	1107
18	Westside ½ to Liberty	77.1	July 11, 2007	1108
19	Westside ¾ to Liberty	78.3	July 11, 2007	1110
20	Westside & Liberty	75.7	June 6, 2007	1114

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at the fenceline in areas accessible to the public.

Weather

Temperatures were in the 80s°F with clear skies, local haze and high humidity.

Discussion

One elevated noise reading was detected at gate 10 (Table 1.1, location 11). The source of the elevated noise reading appeared to be a CAT 345 excavator moving construction waste.



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 370 Canal (3870)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Canal (site entrance)	76.0	n/a	July 16, 2007	12:53
2	Lispenard (site entrance)	71.9	n/a	July 16, 2007	12:54

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

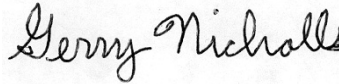
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 475 Greenwich (1750)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Watts b/t Greenwich & Canal	66.1	n/a	July 10, 2007	12:10
2	Watts & Canal	78.7	n/a	July 10, 2007	12:10
3	Canal b/t Watts & Greenwich	83.8	n/a	July 10, 2007	12:11
4	Canal & Greenwich	79.1	n/a	July 10, 2007	12:12
5	Greenwich b/t Canal & Watts	72.0	n/a	July 10, 2007	12:12
6	Greenwich & Watts	69.2	n/a	July 10, 2007	12:13

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

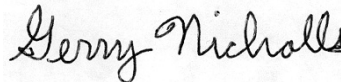
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 1 York (1660)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	York & St Johns	73.0	n/a	July 16, 2007	12:50
2	York & 6th Ave	73.1	n/a	July 16, 2007	12:50
3	6th Ave b/t York & Laight	76.4	n/a	July 16, 2007	12:48
4	6th Ave & Laight	78.9	n/a	July 16, 2007	12:48
5	Laight & St. Johns	77.9	n/a	July 16, 2007	12:46

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

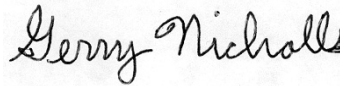
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

TSP measurement number 4 was high compared other site levels. This was due to the operation of a stone cutting saw.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 151 - 157 Hudson (1830)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Collister b/t Laight & Hubert	69.9	n/a	July 16, 2007	12:35
2	Collister & Laight	70.4	n/a	July 16, 2007	12:35
3	Laight b/t Collister & Hudson	75.5	n/a	July 16, 2007	12:36
4	Laight & Hudson	70.0	n/a	July 16, 2007	12:36
5	Hudson b/t Laight & Hubert	71.2	n/a	July 16, 2007	12:37
6	Hudson & Hubert	76.8	n/a	July 16, 2007	12:37
7	Hubert b/t Hudson & Collister	78.8	n/a	July 16, 2007	12:38

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

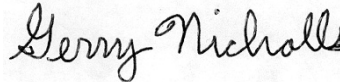
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 415 Greenwich (2110)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Greenwich b/t Hubert & Laight	72.3	n/a	July 16, 2007	12:30
2	Greenwich & Laight	71.9	n/a	July 16, 2007	12:30
3	Laight (midway along site)	66.6	n/a	July 16, 2007	12:31
4	Laight & Collister	68.7	n/a	July 16, 2007	12:31
5	Collister b/t Laight & Hubert	68.1	n/a	July 16, 2007	12:31
6	Collister & Hubert	64.8	n/a	July 16, 2007	12:32
7	Hubert b/t Collister & Greenwich	75.1	n/a	July 16, 2007	12:32
8	Hubert & Greenwich	72.5	n/a	July 16, 2007	12:33

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

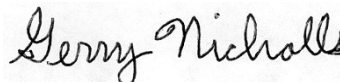
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 408 Greenwich (2120)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Greenwich (20 yds in)	72.3	n/a	July 16, 2007	12:20
2	Greenwich & Hubert	71.8	n/a	July 16, 2007	12:34
3	Hubert (20 yds in)	67.4	n/a	July 16, 2007	12:34

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

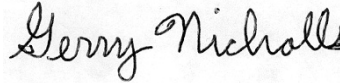
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 415 Washington (1760)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Vestry b/t Greenwich & Washington	72.1	n/a	July 16, 2007	12:26
2	Vestry & Washington	73.1	n/a	July 16, 2007	12:27
3	Washington b/t Vestry & Laight	77.3	n/a	July 16, 2007	12:28

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

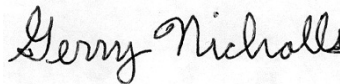
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: 443 Greenwich (1870)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Greenwich b/t Desbrosses & Vestry	61.5	n/a	July 16, 2007	12:20
2	Greenwich & Desbrosses	71.3	n/a	July 16, 2007	12:20
3	Desbrosses b/t Greenwich & alley	72.9	n/a	July 16, 2007	12:21
4	Desbrosses & alley	73.0	n/a	July 16, 2007	12:22
5	Alley b/t Desbrosses & Vestry	73.5	n/a	July 16, 2007	12:22
6	Alley & Vestry	76.9	n/a	July 16, 2007	12:23
7	Vestry b/t alley & Greenwich	72.5	n/a	July 16, 2007	12:23
8	Vestry & Greenwich	69.5	n/a	July 16, 2007	12:24

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

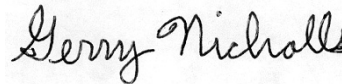
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/16/2007

Location: Parker Development (1670)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Washington b/t Watts & Desbrosses	76.0	n/a	July 16, 2007	12:14
2	Washington & Watts	72.6	n/a	July 16, 2007	12:14
3	Watts b/t Washington & West Side	82.1	n/a	July 16, 2007	12:15
4	Watts & West Side		n/a	July 16, 2007	12:15
5	West Side b/t Watts & Desbrosses	77.2	n/a	July 16, 2007	12:16
6	Desbrosses b/t West Side & Washington	69.4	n/a	July 16, 2007	12:16
7	Desbrosses & Washington	67.3	n/a	July 16, 2007	12:17

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

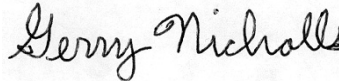
Temperatures were in the mid 80s°F, little to no wind, partly cloudy.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/17/2007

Location: 270 Greenwich St (0960)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Murray & West	78.0	n/a	July 17, 2007	14:00
2	SJU NE Corner adjacent to site	78.7	n/a	July 17, 2007	14:01
	Murray, mid along site entrances	77.0	n/a	July 17, 2007	14:02
3	Greenwich & Murray	67.6	n/a	July 17, 2007	14:03
4	Greenwich b/t Murray & Warren	70.9	n/a	July 17, 2007	14:04
5	Greenwich & Warren	73.2	n/a	July 17, 2007	14:05
6	Warren b/t Greenwich & West	71.0	n/a	July 17, 2007	14:08
7	Warren & West	68.9	n/a	July 17, 2007	14:14
8	West b/t Murray & Warren	69.2	n/a	July 17, 2007	14:15

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

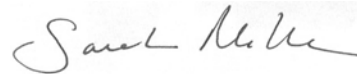
Temperatures were in the mid 80s°F, sunny, light wind.

Discussion

TSP measurement was high along Murray by the entrance where workers were unloading material from a truck.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/17/2007

Location: 200 Chambers (0890)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	Warren b/t Greenwich & West	78.1	n/a	July 17, 2007	14:06
2	Warren & West	68.9	n/a	July 17, 2007	14:08
3	West b/t Chamber & Warren	77.6	n/a	July 17, 2007	14:09
4	West & Chambers	71.7	n/a	July 17, 2007	14:10
5	Chambers b/t West & Greenwich	72.0	n/a	July 17, 2007	14:11

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

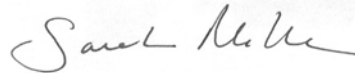
Temperatures were in the mid 80s°F, sunny, light wind.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/17/2007

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 Lower Manhattan construction site listed in the tables below.

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	West & Vesey	76.8	n/a	July 17, 2007	14:36
2	Vesey, midway b/t gates	72.1	n/a	July 17, 2007	14:35
3	Vesey, SW corner of site	75.9	n/a	July 17, 2007	14:34
4	Midway on Westside of site b/t Murray & Vesey	87.1	n/a	July 17, 2007	14:22
5	Murray, NW corner of site	80.8	n/a	July 17, 2007	14:21
6	Murray at gate mid-way	77.2	n/a	July 17, 2007	14:20
7	West & Murray	78.4	n/a	July 17, 2007	14:19
8	Barclay & West	74.2	n/a	July 17, 2007	14:18

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

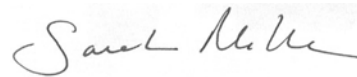
Temperatures were in the mid 80s°F, sunny, light wind.

Discussion

TSP measurement was high along Murray by the entrance where concrete trucks and other material was being unloaded. Noise measurement was high under the shed on the westside due to a generator near the edge of the site.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/17/2007

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 Lower Manhattan construction site listed in the tables below.

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	North End Ave. b/t Murray & Vesey	71.1	n/a	July 17, 2007	14:24
2	North End & Murray	78.1	n/a	July 17, 2007	14:25
3	Murray b/t North End & River Terrace	69.0	n/a	July 17, 2007	14:26
4	Murray & River Terrace	68.0	n/a	July 17, 2007	14:27
5	River Terrace b/t Murray & Vesey	71.1	n/a	July 17, 2007	14:28
6	River Terrace & Vesey	68.0	n/a	July 17, 2007	14:29
7	Midway along Irish Hunger Memorial	71.4	n/a	July 17, 2007	14:30
8	North End & Vesey	69.4	n/a	July 17, 2007	14:31

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

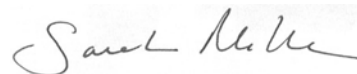
Temperatures were in the mid 80s°F, sunny, light wind.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/17/2007

Location: Fiterman Hall (0930)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Noise (dB) at 50 ft.	Date	Time
1	West Broadway & Park Place	66.2	n/a	July 17, 2007	14:48
2	Park Place b/t West Broadway & Greenwich	68.6	n/a	July 17, 2007	14:41
3	Park Place & Greenwich	67.0	n/a	July 17, 2007	14:42
4	Greenwich b/t Barclay & Park Place	69.1	n/a	July 17, 2007	14:43
5	Barclay & Greenwich	71.9	n/a	July 17, 2007	14:44
6	Broadway	68.4	n/a	July 17, 2007	14:45
7	Barclay & West Broadway	74.1	n/a	July 17, 2007	14:46
8	West Broadway b/w Barclay & Park place	66.1	n/a	July 17, 2007	14:47


Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

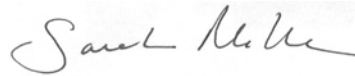
Temperatures were in the mid 80s°F, sunny, light wind.

Discussion

No anomalous or out-of-compliance readings observed.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: 57 Reade St (1770)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Broadway, south corner of site	76.6	July 18, 2007	15:36
2	Broadway, north corner of site	70.2	July 18, 2007	15:36

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

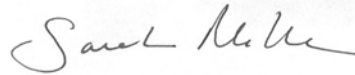
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP readings were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: Leonard St DOT (2500)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Leonard & Church (SE corner)	71.6	July 18, 2007	15:46
2	Leonard, ¼ to Broadway	75.3	July 18, 2007	15:45
3	Leonard mid b/t Church & Broadway	72.9	July 18, 2007	15:44
4	Leonard, ¼ from Broadway	68.9	July 18, 2007	15:43
5	Leonard & Broadway	73.5	July 18, 2007	15:42

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

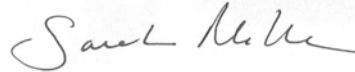
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP readings were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: 56 Leonard St (5230)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Leonard mid b/t W. Broadway & Church	70.3	July 18, 2007	15:49
2	Leonard & Church	74.3	July 18, 2007	15:48
3	Church b/t Leonard & Worth	71.8	July 18, 2007	15:47

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

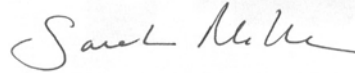
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP readings were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: NY Law School
Library (1730)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	W. Broadway b/t Worth & Leonard	74.9	July 18, 2007	15:52
2	W. Broadway & Leonard	72.2	July 18, 2007	15:51
3	Leonard (midway along site)	73.9	July 18, 2007	15:50
4	Leonard mid b/t W. Broadway & Church	70.3	July 18, 2007	15:49
5	Worth (site entrance)	69.5	July 18, 2007	16:04

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

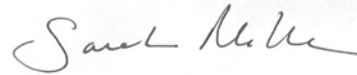
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP readings were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: 34 Leonard St (2970)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	W. Broadway b/w Leonard & Worth	65.7	July 18, 2007	15:55
2	W. Broadway and Leonard (SW Corner)	67.7	July 18, 2007	15:54
3	Leonard b/w W. Broadway & Hudson)	69.6	July 18, 2007	15:53

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

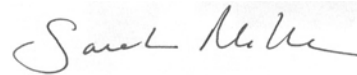
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP readings were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: 52 Thomas St (3160)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Duane (20 yds in)	72.9	July 18, 2007	16:10
2	Duane & Church	77.2	July 18, 2007	16:09
3	Church b/t Duane & Thomas	74.4	July 18, 2007	16:08
4	Church & Thomas	71.2	July 18, 2007	16:07
5	Thomas (20 yds in)	76.5	July 18, 2007	16:06

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

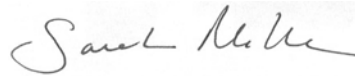
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP readings were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: NYCT Chambers (3500)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Duane (20 yds in)	75.2	July 18, 2007	16:14
2	Duane & Church	74.3	July 18, 2007	16:15
3	Church b/t Duane & Thomas	67.8	July 18, 2007	16:16
4	Church & Thomas	65.6	July 18, 2007	16:20
5	Thomas (20 yds in)	69.5	July 18, 2007	16:21

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

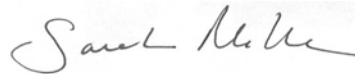
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP reading were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: 157 Chambers (2150)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Chambers (western edge of site)	78.4	July 18, 2007	16:17
2	Chambers (eastern edge of site)	70.3	July 18, 2007	16:18

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

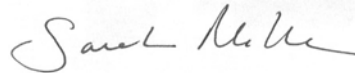
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP reading were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

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 Lower Manhattan construction site listed in the tables below.

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	W. Broadway b/t Warren & Chambers	72.6	July 18, 2007	16:22
2	W. Broadway & Chambers (SE corner)	72.1	July 18, 2007	16:23
3	Chambers (E. edge of site)	70.0	July 18, 2007	16:24

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

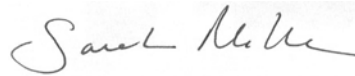
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP reading were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/18/2007

Location: 10/12 Barclay (0820)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB) Fenceline	Date	Time
1	Barclay & Church	70.6	July 18, 2007	16:34
2	Barclay (20 yards in)	73.8	July 18, 2007	16:35
3	Barclay (40 yards in)	73.1	July 18, 2007	16:36

Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level. Measurements taken at fenceline and 50ft from the emitter when a specific point source was identified.

Weather

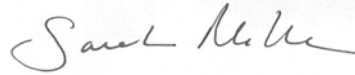
Temperatures were in the mid 80s°F, hazy and cloudy with rain earlier in the day.

Discussion

No anomalous or out-of-compliance readings observed in association with construction activities. TSP reading were slightly elevated due to increased background concentrations resulting from weather conditions including haze.



David Frucher
Lower Manhattan Construction Command Center



Sarah Miller
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 126 Water Steet (5190)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Water St. (S. edge of site)	72.0	July 19, 2007	14:36
2	Water St. (N. edge of site)	79.9	July 19, 2007	14:36

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

Weather

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

Discussion

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



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 72 Wall Street (3890)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Pine (W. edge of site)	74.7	July 19, 2007	14:42
2	Pine & Pearl	77.1	July 19, 2007	14:43
3	Pearl b/t Pine & Wall St	74.3	July 19, 2007	14:44
4	Pearl & Wall St	77.8	July 19, 2007	14:45
5	Wall (W. edge of site)	75.8	July 19, 2007	14:46

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

Weather

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

Discussion

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



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 75 Wall Street (3240)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Pearl & plaza	76.3	July 19, 2007	14:50
2	Pearl b/t the plaza & Wall St.	77.3	July 19, 2007	14:50
3	Pearl & Wall St	74.4	July 19, 2007	14:51
4	Wall St & Water	70.2	July 19, 2007	14:52
5	Water b/t Wall & plaza	76.4	July 19, 2007	14:52
6	Water & plaza	78.8	July 19, 2007	14:53

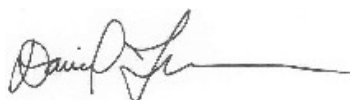
Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

Weather

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

Discussion

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



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 40 Broad Street (1620)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	New St (S. edge of site)	76.8	July 19, 2007	15:34
2	New St (N. edge of site)	75.6	July 19, 2007	15:34
3	Broad St (N. edge of site)	74.5	July 19, 2007	15:30
4	Broad St (S. edge of site)	73.7	July 19, 2007	15:31

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

Weather

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

Discussion

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



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 15 William Street (1130)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	William b/t Exchange and Beaver	78.4	July 19, 2007	15:22
2	William b/t Exchange and Beaver	76.4	July 19, 2007	15:23
3	William & Beaver	73.4	July 19, 2007	15:24
4	Beaver b/t Broad & Nassau	77.9	July 19, 2007	15:24
5	Beaver b/t Broad & Nassau	69.8	July 19, 2007	15:25

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

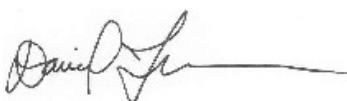
Weather

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

Discussion

Two TSP readings were found to be above the 0.150mg/m³ threshold, however all readings in the area were found to be relatively high. The elevated background PM levels were most likely due to hot, humid weather.

No obvious source was indentified for the readings found to be above the 0.150mg/m³ threshold, however the source was likely construction work being carried out on the 15 William Street site. The matter was discussed with the site safety manager, who said he would arrange for an increase in wetting down operations.



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 37 Wall (1090)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Wall St & William St	76.1	July 19, 2007	14:07
2	Midpoint along Wall St b/t Nassau & William St	76.0	July 19, 2007	14:10
3	Nassau St & Wall St	75.7	July 19, 2007	14:12
4	Midpoint along Nassau St b/t Wall St & Exchange Place	76.2	July 19, 2007	14:15
5	Exchange Place	71.9	July 19, 2007	14:16
6	Midpoint along Exchange Place b/t Nassau St & William St	73.3	July 19, 2007	14:17
7	Close to William St along Exchange Place	79.8	July 19, 2007	14:18
8	William St & Exchange Place	75.0	July 19, 2007	14:19

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

Weather

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

Discussion

TSP readings were found to be above the 0.150mg/m³ threshold at two measurement points, however all readings were relatively high. The elevated background PM levels were most likely due to hot, humid weather. The readings found to be above the 0.150mg/m³ threshold were attributed to street food vendors burning charcoal in the vicinity. Measurements made upwind of the food vendors (location 1) were at background levels.



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 20 Pine Street (1030)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Nassau b/t Pine & Cedar	71.8	July 19, 2007	13:50
2	Nassau & Cedar	76.6	July 19, 2007	13:51
3	Chase Manhattan Courtyard	77.8	July 19, 2007	13:52
4	Pine b/t William & Nassau (corner of site)	74.8	July 19, 2007	13:54
5	Pine b/t William & Nassau (middle of block)	78.5	July 19, 2007	13:55
6	Pine b/t William & Nassau (middle of site)	76.5	July 19, 2007	13:56
7	Pine & Nassau	78.9	July 19, 2007	14:04

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

Weather

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

Discussion

One TSP reading was found to be above the 0.150mg/m³ threshold, however all readings were relatively high. The elevated background PM levels were most likely due to hot, humid weather. The reading found to be above the 0.150mg/m³ threshold was attributed to work being carried out on the northern and eastern facades of 20 Pine Street. Debris and dust were being released from the upper floors was seen to be escaping into the street. The matter was discussed with the construction managers, who said they would rectify the situation.



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: 20 Exchange Place (0910)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Exchange & William	72.2	July 19, 2007	15:22
2	Exchange b/t William & Hanover St	74.2	July 19, 2007	15:23
3	Exchange & Hanover St.	73.9	July 19, 2007	15:24
4	Hanover & Beaver	74.0	July 19, 2007	15:24
5	Beaver b/t Hanover & William	75.7	July 19, 2007	15:25
6	Beaver & William	74.7	July 19, 2007	15:26

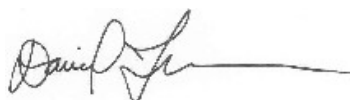
Data acquired using the Quest Q-300 Noise Dosimeter designed to measure sound level

Weather

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

Discussion

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



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/19/2007

Location: British Memorial Garden
(0850)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Pearl & Hanover Square	73.9	July 19, 2007	15:08
2	See Map	78.6	July 19, 2007	15:08
3	See Map	73.8	July 19, 2007	15:09

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

Weather

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

Discussion

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



David Frucher
Lower Manhattan Construction Command Center



Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/19/2007

Location: MED 583 Wall Street
Water Main (0180)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Pearl St & Wall St.	77.8	July 19, 2007	14:25
2	Wall St b/t Pearl St & Hanover St.	76.6	July 19, 2007	14:26
3	Wall St & Hanover St.	73.8	July 19, 2007	14:27
4	Wall St b/t Hanover St. & William St.	74.2	July 19, 2007	14:28
5	Wall St & William St.	76.8	July 19, 2007	14:29

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.

MOBILE MONITORING REPORT

Date: 7/25/2007

Location: 20 Exchange Place (0910)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Exchange & William	77.7	July 25, 2007	13:49
2	Exchange b/t William & Hanover St	79.6	July 25, 2007	13:49
3	Exchange & Hanover St.	74.4	July 25, 2007	13:49
4	Hanover & Beaver	73.5	July 25, 2007	13:50
5	Beaver b/t Hanover & William	78.1	July 25, 2007	13:50
6	Beaver & William	83.7	July 25, 2007	13:51

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

Weather

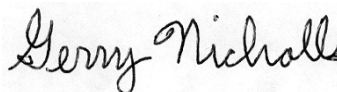
Temperatures were in the mid 80s°F with clear skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. Construction workers were observed using a garden hose to wet down demolished materials that were loaded into a refuse vehicle for disposal.



David Frucher
Lower Manhattan Construction Command Center



Gerry Nicholls
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/26/2007

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

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Gate 7	76.1	26-Jul-07	14:35
2	Liberty b/t Washington & Greenwich	82.6	26-Jul-07	14:36
3	Greenwich & Liberty	75.6	26-Jul-07	14:39
4	Liberty (new gate)	75.3	26-Jul-07	14:40
5	Liberty mid b/t Greenwich & Church	76.7	26-Jul-07	14:41
6	Gate 3 (Liberty & Church)	74.5	26-Jul-07	14:42
7	Church b/t Liberty & Cortlandt	79.4	26-Jul-07	14:44
8	Church & Cortlandt	72.2	26-Jul-07	14:46
9	Church & Dey	74.2	26-Jul-07	14:46
10	PATH Entrance	73.5	26-Jul-07	14:49
11	Gate 10	75.7	26-Jul-07	14:50
12	Vesey & Church	76.3	26-Jul-07	14:52
13	Vesey, approx 30 yards from Church	80.3	26-Jul-07	14:54
14	Vesey & Greenwich	73.2	26-Jul-07	14:56
15	Washington & Vesey	77.3	26-Jul-07	14:58
16	Vesey & Westside (SE corner)	72.0	26-Jul-07	14:59
17	Westside ¼ to Liberty	77.2	26-Jul-07	15:04
18	Westside ½ to Liberty	70.1	26-Jul-07	15:05
19	Westside ¾ to Liberty	75.4	26-Jul-07	15:07
20	Westside & Liberty	73.4	26-Jul-07	15:09

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

Weather

Temperatures were in the mid 80s°F with clear skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/27/2007

Location: 33 Beekman (0830)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Theatre Alley & Beekman	69.4	27-Jul-07	10:11
2	Beekman, West corner of building	69.0	27-Jul-07	10:12
3	Beekman, East corner of building	71.3	27-Jul-07	10:13
4	Nassau & Beekman	73.4	27-Jul-07	10:15

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

Weather

Temperatures were in the upper 80s°F with clear skies and high humidity.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/27/2007

Location: Beekman Tower (0840)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Beekman, east of Nassau	71.2	27-Jul-07	10:17
2	Beekman, b/t Nassau & William	70.1	27-Jul-07	10:19
3	Beekman & William	79.5	27-Jul-07	10:20
4	William, in front of hospital entrance	70.3	27-Jul-07	10:21
5	Spruce & William	69.2	27-Jul-07	10:22
6	Spruce b/t William & Nassau	71.3	27-Jul-07	10:23
7	Spruce, east of Nassau	68.4	27-Jul-07	10:25

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

Weather

Temperatures were in the upper 80s°F with clear skies and high humidity.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/27/2007

Location: Water Street-Fulton
>Beekman (1220)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Fulton & Water	N/A	27-Jul-07	N/A
2	Water b/t Fulton & Beekman	67.8	27-Jul-07	10:35
3	Water & Beekman	70.3	27-Jul-07	10:36
4	Water & Pearl	65.8	27-Jul-07	10:37
5	Beekman b/t Water & Front	65.4	27-Jul-07	10:39
6	Beekman & Front	65.5	27-Jul-07	10:40

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

Weather

Temperatures were in the upper 80s°F with clear skies and high humidity.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site. Location 1 was not observed.

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/27/2007

Location: 21 Ann Street (1610)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Alley & Beekman	78.7	27-Jul-07	11:06
2	Alley & Ann	75.5	27-Jul-07	11:02
3	Ann b/t Alley & Nassau	72.3	27-Jul-07	11:01

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

Weather

Temperatures were in the upper 80s°F with clear skies and high humidity.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/27/2007

Location: 101 Maiden Lane (1810)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Maiden b/t Gold & Pearl	71.4	27-Jul-07	10:50
2	Maiden & Pearl	74.9	27-Jul-07	10:51
3	Pearl & Fletcher	75.7	27-Jul-07	10:52

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

Weather

Temperatures were in the upper 80s°F with clear skies and high humidity.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/27/2007

Location: Path Temporary Access
(5280)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	West Broadway & Vesey (eastside)	70.2	27-Jul-07	11:18
2	West Broadway & Vesey (westside)	79.2	27-Jul-07	11:19
3	Greenwich & Vesey	71.4	27-Jul-07	11:21

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

Weather

Temperatures were in the upper 80s°F with clear skies and high humidity.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: Fulton Street Transit
Center
(0590, 0620)

Objective:

At the direction of Tom Kunkel, noise mobile monitoring was conducted at the Lower Manhattan construction site listed in the tables below.

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

Table 1.1 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Church & Cortland	72.3	30-Jul-07	11:50
2	Church b/t Cortland & Dey	75.2	30-Jul-07	11:51
3	Church & Dey	77.1	30-Jul-07	11:52
4	Church & Fulton	75.2	30-Jul-07	11:53
5	Midpoint on Fulton b/t Church & Broadway	67.2	30-Jul-07	11:55
6	Southwest corner of Fulton & Broadway	71.8	30-Jul-07	11:56
7	Midpoint on Fulton between Broadway & Nassau	75.5	30-Jul-07	11:58
8	Broadway & John	73.3	30-Jul-07	12:01
9	Broadway Demolition	71.4	30-Jul-07	12:02
10	Southwest corner of Broadway & Dey	75.4	30-Jul-07	12:06
11	Dey, ¼ to Broadway	81.8	30-Jul-07	12:10
12	Dey, ½ to Church	73.3	30-Jul-07	12:11

Data acquired using the Center 322 Noise Level meter designed to measure sound level. Calibration status not available.

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: Beekman Tower (0840)

Objective:

At the direction of Tom Kunkel, noise mobile monitoring was conducted at the Lower Manhattan construction site listed in the tables below.

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Beekman, east of Nassau	66.3	30-Jul-07	12:35
2	Beekman, b/t Nassau & William	66.5	30-Jul-07	12:36
3	Beekman & William	77.1	30-Jul-07	12:38
4	William, in front of hospital entrance	74.8	30-Jul-07	12:39
5	Spruce & William	67.1	30-Jul-07	12:40
6	Spruce b/t William & Nassau	78.4	30-Jul-07	12:42
7	Spruce, east of Nassau	75.3	30-Jul-07	12:44

Data acquired using the Center 322 Noise Level meter designed to measure sound level. Calibration status not available.

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Matt Foster
BEM Systems, Inc.





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: Fulton Street Transit
Center
(0590, 0580, 0780)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Church & Cortland	78.4	30-Jul-07	10:57
2	Church b/t Cortland & Dey	74.3	30-Jul-07	11:13
3	Church & Dey	79.2	30-Jul-07	11:14
4	Midpoint on Church b/t Dey & Fulton	79.1	30-Jul-07	11:15
5	Church & Fulton	75.8	30-Jul-07	11:16
6	Midpoint on Fulton b/t Church & Broadway	69.6	30-Jul-07	11:17
7	Southwest corner of Fulton & Broadway	73.4	30-Jul-07	11:19
8	Midpoint on Fulton between Broadway & Nassau	76.5	30-Jul-07	11:21
9	Fulton ¼ to Broadway (b/w Broadway and Nassau)	81.9	30-Jul-07	11:24
10	Southeast corner of Fulton & Broadway	78.1	30-Jul-07	11:25
11	Midpoint on Broadway b/t Fulton & Dey	76.5	30-Jul-07	11:27
12	Broadway & John	78.8	30-Jul-07	11:28
13	Broadway Demolition	76.5	30-Jul-07	11:30
14	Southwest corner of Broadway & Dey	81.9	30-Jul-07	11:31
15	Dey, ¼ to Broadway	75.1	30-Jul-07	11:32
16	Dey, ½ to Church	80.8	30-Jul-07	11:33
17	Dey, ¼ to Church	73.9	30-Jul-07	11:35
18	Midpoint on Broadway b/w Cortlandt & Liberty	78.6	30-Jul-07	0:00
19	Corner of Broadway & Cortlandt	69.3	30-Jul-07	0:00

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

Weather

Temperatures were in the mid 80s°F with partly cloudy skies and local haze.

Discussion

TSP readings were generally high, most likely due to regional weather conditions including high humidity and haze. Several readings were found to be above threshold in the vicinity, but no significant accumulations of visible airborne dust were observed.

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: 1 Liberty Plaza

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	mid Church b/w Liberty & Cortlandt	73.9	30-Jul-07	10:56
2	mid Cortlandt b/w Church & Broadway	74.0	30-Jul-07	10:57
3	mid Broadway b/w Cortlandt & Liberty	69.3	30-Jul-07	10:57
4	mid Liberty b/w Church & Broadway	68.5	30-Jul-07	10:58

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

Weather

Temperatures were in the mid 80s°F with partly cloudy skies and local haze.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: American Stock Exchange

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Thames & Greenwich	73.8	30-Jul-07	11:03
2	Albany & Greenwich	73.9	30-Jul-07	11:04
3	Carlisle & Greenwich	80.2	30-Jul-07	11:05
4	Rector & Greenwich (also 1 train stop)	71.4	30-Jul-07	11:06
5	Rector & Church (also R/W train stop)	75.9	30-Jul-07	11:07
6	78 Trinity Place (across f/ Trinity Church)	71.6	30-Jul-07	11:09
7	Church & Thames	70.7	30-Jul-07	11:09

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

Weather

Temperatures were in the mid 80s°F with partly cloudy skies and local haze.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: 130 Liberty
0800

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Liberty & Washington (outside gate)	80.9	30-Jul-07	10:56
2	Liberty b/t Greenwich & Washington	103.3	30-Jul-07	10:57
3	Greenwich & Liberty	80.2	30-Jul-07	10:57
4	Greenwich & Cedar	69.9	30-Jul-07	10:58
5	Greenwich & Albany	83.6	30-Jul-07	11:00
6	Albany b/t Washington & Greenwich	77.6	30-Jul-07	11:00
7	Albany & Washington	72.4	30-Jul-07	11:01

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

Weather

Temperatures were in the mid 80s°F with partly cloudy skies and local haze.

Discussion

TSP readings were generally high, most likely due to regional weather conditions including high humidity and haze. Several TSP readings were found to be above threshold, but no significant accumulations of visible airborne dust were observed. The noise reading at 103.8dB was due to the sorting and placing of debris from the deconstruction site into dump trucks on-site.

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/30/2007

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

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Gate 7	80.9	30-Jul-07	10:56
2	Liberty b/t Washington & Greenwich	103.3	30-Jul-07	10:57
3	Greenwich & Liberty	80.2	30-Jul-07	10:57
4	Liberty (new gate)	75.4	30-Jul-07	11:13
5	Liberty mid b/t Greenwich & Church	75.5	30-Jul-07	11:14
6	Gate 3 (Liberty & Church)	81.2	30-Jul-07	11:15
7	Church b/t Liberty & Cortlandt	75.8	30-Jul-07	11:16
8	Church & Cortlandt	73.1	30-Jul-07	11:17
9	Church & Dey	74.3	30-Jul-07	11:19
10	PATH Entrance	75.5	30-Jul-07	11:21
11	Gate 10	81.7	30-Jul-07	11:24
12	Vesey & Church	80.5	30-Jul-07	11:25
13	Vesey, approx 30 yards from Church	72.8	30-Jul-07	11:27
14	Vesey & Greenwich	78.1	30-Jul-07	11:28
15	Washington & Vesey	71.6	30-Jul-07	11:30
16	Vesey & Westside (SE corner)	72.3	30-Jul-07	11:31
17	Westside ¼ to Liberty	70.4	30-Jul-07	11:32
18	Westside ½ to Liberty	74.9	30-Jul-07	11:33
19	Westside ¾ to Liberty	72.6	30-Jul-07	11:35

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

Weather

Temperatures were in the mid 80s°F with clear skies.

Discussion

No anomalous or out-of-compliance TSP readings were observed at this site. The 103.3 noise reading was due to work at the 130 Liberty Deconstruction site.

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC



MOBILE MONITORING REPORT

Date: 7/30/2007

Location: Church St. Post Office
& Chambers 2/3 Subway

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	mid Church b/w Vesey & Barclay	80.9	30-Jul-07	10:56
2	Corner of Vesey and Church	75.3	30-Jul-07	10:57
3	mid Vesey b/w Church and Greenwich	81.7	30-Jul-07	10:57

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

Weather

Temperatures were in the mid 80s°F with partly 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

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: Fulton Street Transit
Center
(0590, 0580, 0780)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Church & Cortland	78.4	30-Jul-07	10:57
2	Church b/t Cortland & Dey	74.3	30-Jul-07	11:13
3	Church & Dey	79.2	30-Jul-07	11:14
4	Midpoint on Church b/t Dey & Fulton	79.1	30-Jul-07	11:15
5	Church & Fulton	75.8	30-Jul-07	11:16
6	Midpoint on Fulton b/t Church & Broadway	69.6	30-Jul-07	11:17
7	Southwest corner of Fulton & Broadway	73.4	30-Jul-07	11:19
8	Midpoint on Fulton between Broadway & Nassau	76.5	30-Jul-07	11:21
9	Fulton ¼ to Broadway (b/w Broadway and Nassau)	81.9	30-Jul-07	11:24
10	Southeast corner of Fulton & Broadway	78.1	30-Jul-07	11:25
11	Midpoint on Broadway b/t Fulton & Dey	76.5	30-Jul-07	11:27
12	Broadway & John	78.8	30-Jul-07	11:28
13	Broadway Demolition	76.5	30-Jul-07	11:30
14	Southwest corner of Broadway & Dey	81.9	30-Jul-07	11:31
15	Dey, ¼ to Broadway	75.1	30-Jul-07	11:32
16	Dey, ½ to Church	80.8	30-Jul-07	11:33
17	Dey, ¼ to Church	73.9	30-Jul-07	11:35
18	Midpoint on Broadway b/w Cortlandt & Liberty	78.6	30-Jul-07	0:00
19	Corner of Broadway & Cortlandt	69.3	30-Jul-07	0:00

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

Weather

Temperatures were in the mid 80s°F with partly cloudy skies and local haze.

Discussion

TSP readings were generally high, most likely due to regional weather conditions including high humidity and haze. Several readings were found to be above threshold in the vicinity, but no significant accumulations of visible airborne dust were observed.

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: 1 Liberty Plaza

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	mid Church b/w Liberty & Cortlandt	73.9	30-Jul-07	10:56
2	mid Cortlandt b/w Church & Broadway	74.0	30-Jul-07	10:57
3	mid Broadway b/w Cortlandt & Liberty	69.3	30-Jul-07	10:57
4	mid Liberty b/w Church & Broadway	68.5	30-Jul-07	10:58

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

Weather

Temperatures were in the mid 80s°F with partly cloudy skies and local haze.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/30/2007

Location: American Stock Exchange

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Thames & Greenwich	73.8	30-Jul-07	11:03
2	Albany & Greenwich	73.9	30-Jul-07	11:04
3	Carlisle & Greenwich	80.2	30-Jul-07	11:05
4	Rector & Greenwich (also 1 train stop)	71.4	30-Jul-07	11:06
5	Rector & Church (also R/W train stop)	75.9	30-Jul-07	11:07
6	78 Trinity Place (across f/ Trinity Church)	71.6	30-Jul-07	11:09
7	Church & Thames	70.7	30-Jul-07	11:09

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

Weather

Temperatures were in the mid 80s°F with partly cloudy skies and local haze.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC





MOBILE MONITORING REPORT

Date: 7/31/2007

Location: MED 583 Wall Street
Water Main (0180)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Wall St & Hanover St.	69.4	31-Jul-07	10:50
2	Wall St b/t Hanover St. & William St.	69.9	31-Jul-07	10:50
3	Wall St & William St.	70.8	31-Jul-07	10:51

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: British Memorial
Garden (0850)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Pearl & Hanover Square	72.4	31-Jul-07	10:33
2	See Map	68.7	31-Jul-07	10:34
3	See Map	68.6	31-Jul-07	10:34

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 20 Pine Street (1030)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Exchange & William	73.2	31-Jul-07	10:05
2	Exchange b/t William & Hanover St	70.8	31-Jul-07	10:05
3	Exchange & Hanover St.	69.2	31-Jul-07	10:06
4	Hanover & Beaver	75.1	31-Jul-07	10:06
5	Beaver b/t Hanover & William	72.3	31-Jul-07	10:07
6	Beaver & William	73.8	31-Jul-07	10:08

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 37 Wall (1090)
15 Broad St. (0860)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Wall St & William St	71.1	31-Jul-07	10:10
2	Midpoint along Wall St b/t Nassau & William St	68.3	31-Jul-07	10:11
3	Nassau St & Wall St	73.6	31-Jul-07	10:12
4	Midpoint along Nassau St b/t Wall St & Exchange Place	69.2	31-Jul-07	10:13
5	Exchange Place	75.6	31-Jul-07	10:13
6	Midpoint along Exchange Place b/t Nassau St & William St	75.2	31-Jul-07	10:13
7	Close to William St along Exchange Place	76.7	31-Jul-07	10:13
8	William St & Exchange Place	73.5	31-Jul-07	10:16

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

Weather

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

Discussion

No anomalous or out-of-compliance noise readings were observed at this site. The elevated TSP reading of 0.169 was due to interior work at the 37 Wall Street site. Mr. Frucher spoke with the Site Super, who told his workers to water-down the first-floor interior of the site.

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 67 Wall Street (1100)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Hanover St. & Beaver St	0.040	31-Jul-07	10:36
2	End of Beaver St	0.033	31-Jul-07	10:37
3	Beaver St & Pearl St	0.046	31-Jul-07	10:38
4	Wall St. & Pearl	0.078	31-Jul-07	10:39

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 15 William Street
(1130)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	William b/t Exchange and Beaver	71.6	31-Jul-07	10:18
2	William b/t Exchange and Beaver	74.5	31-Jul-07	10:18
3	William & Beaver	73.6	31-Jul-07	10:22
4	Beaver b/t Broad & Nassau	75.6	31-Jul-07	10:23
5	Beaver b/t Broad & Nassau	77.4	31-Jul-07	10:24

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 40 Broad Street (1620)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring	Locations	Noise	Date	Time
1	Broad St (N. edge of site)	68.6	31-Jul-07	10:26
2	Broad St (S. edge of site)	69.4	31-Jul-07	10:27

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 20 Maiden Lane (3880)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Liberty Place b/t Liberty & Maiden	83.5	31-Jul-07	9:58
2	Liberty Place & Maiden	81.6	31-Jul-07	9:59
3	Maiden b/t Liberty Place & Nassau	77.8	31-Jul-07	10:00
4	Nassau, mid by site entrance	88.7	31-Jul-07	10:00

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

Weather

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

Discussion

No anomalous or out-of-compliance TSP readings. High noise reading were attributed to Portable Generators on site. Site personnel were requested to ensure all sound reducing features were in place.

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 130 Cedar (0880)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	75.2	31-Jul-07	14:56
2	Northeast corner of 130 Cedar	76.8	31-Jul-07	14:56
3	Midpoint on West side sidewalk (Washington)	71.9	31-Jul-07	14:57
4	Albany & Washington	76.6	31-Jul-07	14:58
5	Albany in front of 130 Cedar	72.5	31-Jul-07	14:59

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

Weather

Temperatures were in the upper 80s°F with fair skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 123 Washington St.
(1120)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	NE Corner of Site	74.9	31-Jul-07	14:53
2	Middle of Site along Albany	74.3	31-Jul-07	14:54
3	Washington & Albany	79.3	31-Jul-07	14:54
4	Washington b/t Albany & Carlisle	78.2	31-Jul-07	15:00
5	Carlisle & Washington	76.9	31-Jul-07	15:01

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

Weather

Temperatures were in the upper 80s°F with fair skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 8/31/2007

Location: BPC Site 3 (1560)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Promenade & 3 rd Place	68.9	31-Jul-07	15:16
2	Promenade b/t 3 rd and 2 nd Place	69.6	31-Jul-07	15:17
3	Promenade & 2 nd Place	72.6	31-Jul-07	15:18
4	2 nd Place b/t Promenade & Battery	63.7	31-Jul-07	15:19
5	2 nd & Battery	77.9	31-Jul-07	15:19
6	Battery b/t 2 nd & 3rd	69.3	31-Jul-07	15:19
7	Battery & 3rd	82.3	31-Jul-07	15:19
8	3 rd b/t Battery & Promenade	72.0	31-Jul-07	15:22

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

Weather

Temperatures were in the upper 80s°F with fair skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.



MOBILE MONITORING REPORT

Date: 7/31/2007

Location: 88 Greenwich Street
(5420)

Objective:

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

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Greenwich & Rector	70.2	31-Jul-07	15:05
2	Rector b/t Greenwich & Washington	71.4	31-Jul-07	15:06
3	Rector & Washington	70.3	31-Jul-07	15:10
4	Washington midway along site	72.1	31-Jul-07	15:11
5	Washington southern edge of site	69.6	31-Jul-07	15:12
6	Greenwich St., midway along site	71.4	31-Jul-07	15:08
7	Greenwich St., southern edge of site.	65.1	31-Jul-07	15:09

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

Weather

Temperatures were in the upper 80s°F with fair skies.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Mark Spaeth
LMCCC

Matt Foster
BEM Systems, Inc.