LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/4/2007

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 above Lower Manhattan construction sites as detailed in the tables below.

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Gate 7		04-Dec-07	
2	Liberty b/t Washington & Greenwich		04-Dec-07	
3	Greenwich & Liberty		04-Dec-07	
4	Liberty (new gate)		04-Dec-07	
5	Liberty mid b/t Greenwich & Church	0.039	04-Dec-07	11:10
6	Gate 3 (Liberty & Church)	0.052	04-Dec-07	11:11
7	Church b/t Liberty & Cortlandt	0.050	04-Dec-07	11:15
8	Church & Cortlandt	0.055	04-Dec-07	11:20
9	Church & Dey	0.642	04-Dec-07	11:16
10	PATH Entrance	0.065	04-Dec-07	11:18
11	Gate 10		04-Dec-07	
12	Vesey & Church	0.036	04-Dec-07	11:22
13	Vesey, approx 30 yards from Church	0.030	04-Dec-07	11:23
14	Vesey & Greenwich	0.027	04-Dec-07	11:25
15	Washington & Vesey	0.048	04-Dec-07	11:40
16	Vesey & Westside (SE corner)	0.038	04-Dec-07	11:50
17	Westside ¼ to Liberty	0.051	04-Dec-07	11:51
18	Westside ½ to Liberty	0.044	04-Dec-07	12:01
19	Westside ¾ to Liberty	0.018	04-Dec-07	12:02
20	Westside & Liberty		04-Dec-07	

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Gate 7			
2	Liberty b/t Washington & Greenwich			
3	Greenwich & Liberty			
4	Liberty (new gate)			
5	Liberty mid b/t Greenwich & Church	74.9	04-Dec-07	11:10
6	Gate 3 (Liberty & Church)	71.5	04-Dec-07	11:11
7	Church b/t Liberty & Cortlandt	72.3	04-Dec-07	11:15
8	Church & Cortlandt	77.0	04-Dec-07	11:20
9	Church & Dey	75.9	04-Dec-07	11:16
10	PATH Entrance	72.9	04-Dec-07	11:18
11	Gate 10			
12	Vesey & Church	73.6	04-Dec-07	11:22
13	Vesey, approx 30 yards from Church	70.0	04-Dec-07	11:23
14	Vesey & Greenwich	70.7	04-Dec-07	11:25
15	Washington & Vesey	74.1	04-Dec-07	11:40
16	Vesey & Westside (SE corner)	72.3	04-Dec-07	11:50
17	Westside ¼ to Liberty	73.1	04-Dec-07	11:51
18	Westside ½ to Liberty	75.2	04-Dec-07	12:01
19	Westside ¾ to Liberty	76.6	04-Dec-07	12:02
20	Westside & Liberty			

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

Weather

Temperatures were in the low 30s^{o}F with light winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Kevin Held
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/5/2007

Location: 130 Liberty Street
Deconstruction
(0800)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Liberty & Washington (outside gate)	0.021	5-Dec-07	15:37
2	Liberty b/t Greenwich & Washington	0.021	5-Dec-07	15:38
3	Greenwich & Liberty	0.034	5-Dec-07	15:39
4	Greenwich & Cedar	0.024	5-Dec-07	15:40
5	Greenwich & Albany	0.026	5-Dec-07	15:43
6	Albany b/t Washington & Greenwich	0.028	5-Dec-07	15:44
7	Albany & Washington	0.027	5-Dec-07	15:45

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Liberty & Washington (outside gate)	63.9	5-Dec-07	15:37
2	Liberty b/t Greenwich & Washington	66.9	5-Dec-07	15:38
3	Greenwich & Liberty	70.9	5-Dec-07	15:39
4	Greenwich & Cedar	66.5	5-Dec-07	15:40
5	Greenwich & Albany	69.5	5-Dec-07	15:43
6	Albany b/t Washington & Greenwich	70.9	5-Dec-07	15:44
7	Albany & Washington	77.2	5-Dec-07	15:45

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

Weather

Temperatures were in the low 30s^{o}F with cloudy skies and light snow fall.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/5/2007

Location: 130 Cedar (0880)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	0.041	05-Dec-07	15:54
2	Northeast corner of 130 Cedar	0.034	05-Dec-07	15:56
3	Midpoint on West side sidewalk (Washington)	0.037	05-Dec-07	15:59
4	Albany & Washington	0.033	05-Dec-07	15:59
5	Albany in front of 130 Cedar	0.043	05-Dec-07	16:00

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	On Cedar between NW corner of 130 Cedar and construction trailers	66.1	05-Dec-07	15:54
2	Northeast corner of 130 Cedar	68.3	05-Dec-07	15:56
3	Midpoint on West side sidewalk (Washington)	70.9	05-Dec-07	15:59
4	Albany & Washington	71.2	05-Dec-07	15:59
5	Albany in front of 130 Cedar	67.7	05-Dec-07	16:00

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

Weather

Temperatures were in the low 30s^{o}F with cloudy skies and light snow fall.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/6/2007

Location: Fulton Street Transit Center (0590, 0610)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Church & Cortland	0.016	6-Dec-07	10:53
2	Church b/t Cortland & Dey	0.010	6-Dec-07	10:53
3	Church & Dey	0.014	6-Dec-07	10:54
4	Midpoint on Church b/t Dey & Fulton	0.046	6-Dec-07	10:55
5	Church & Fulton	0.034	6-Dec-07	10:56
6	Midpoint on Fulton b/t Church & Broadway	0.011	6-Dec-07	10:57
7	Midpoint on Fulton b/t Nassau & Broadway	0.017	6-Dec-07	10:58
8	SE Corner of Fulton & Broadway	0.018	6-Dec-07	10:59
9	Broadway b/t Fulton and John (¼ to Fulton)	0.043	6-Dec-07	11:00
10	Midpoint Broadway b/t Fulton and John	0.032	6-Dec-07	11:03
11	Broadway b/t Fulton & John (¼ to John)	0.028	6-Dec-07	11:04
12	Broadway & John	0.043	6-Dec-07	11:05
13	Mid Broadway b/w Cortlandt & Dey (Demo)	0.010	6-Dec-07	11:06
14	Southwest corner of Broadway & Dey	0.021	6-Dec-07	11:07
15	Dey, ¼ to Broadway	0.024	6-Dec-07	11:08
16	Dey, ½ to Church	0.022	6-Dec-07	11:08
17	Dey, ¼ to Church	0.019	6-Dec-07	11:09
18	SW corner of Broadway & Cortlandt	0.024	6-Dec-07	11:10
19	Midpoint Broadway b/t Cortlandt & Liberty	0.030	6-Dec-07	11:11

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Church & Cortland	74.5	6-Dec-07	10:53
2	Church b/t Cortland & Dey	74.1	6-Dec-07	10:53
3	Church & Dey	68.6	6-Dec-07	10:54
4	Midpoint on Church b/t Dey & Fulton	70.0	6-Dec-07	10:55
5	Church & Fulton	71.4	6-Dec-07	10:56
6	Midpoint on Fulton b/t Church & Broadway	67.4	6-Dec-07	10:57
7	Midpoint on Fulton b/t Nassau & Broadway	64.1	6-Dec-07	10:58
8	SE Corner of Fulton & Broadway	68.9	6-Dec-07	10:59
9	Broadway b/t Fulton and John (¼ to Fulton)	69.6	6-Dec-07	11:00
10	Midpoint Broadway b/t Fulton and John	75.4	6-Dec-07	11:03
11	Broadway b/t Fulton & John (¼ to John)	71.3	6-Dec-07	11:04
12	Broadway & John	73.8	6-Dec-07	11:05
13	Mid Broadway b/w Cortlandt & Dey (Demo)	70.2	6-Dec-07	11:06
14	Southwest corner of Broadway & Dey	74.6	6-Dec-07	11:07
15	Dey, ¼ to Broadway	69.4	6-Dec-07	11:08
16	Dey, ½ to Church	71.2	6-Dec-07	11:08
17	Dey, ¼ to Church	67.8	6-Dec-07	11:09
18	SW corner of Broadway & Cortlandt	76.8	6-Dec-07	11:10
19	Midpoint Broadway b/t Cortlandt & Liberty	72.1	6-Dec-07	11:11

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

Weather

Temperatures in the high 30's^{o}F, sunny and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/6/2007

Location: Path Temporary Access (5280)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	West Broadway & Vesey (eastside)	0.019	6-Dec-07	15:28
2	West Broadway & Vesey (westside)	0.03	6-Dec-07	15:28
3	Greenwich & Vesey	0.023	6-Dec-07	15:29

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	West Broadway & Vesey (eastside)	68.9	6-Dec-07	15:28
2	West Broadway & Vesey (westside)	66.7	6-Dec-07	15:28
3	Greenwich & Vesey	66.9	6-Dec-07	15:29

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

Weather

Temperatures in the high 30's^{0}F, sunny and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/6/2007

Location: Marriot Financial Center Hotel

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 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Albany & Washington	0.036	6-Dec-07	15:49
2	Albany & West	0.009	6-Dec-07	15:50
3	Carlisle & West	0.011	6-Dec-07	15:52
4	Carlisle & Washington	0.022	6-Dec-07	15:53

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Albany & Washington	80.5	6-Dec-07	15:49
2	Albany & West	74.7	6-Dec-07	15:50
3	Carlisle & West	73.8	6-Dec-07	15:52
4	Carlisle & Washington	70.7	6-Dec-07	15:53

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

Weather

Temperatures in the high 30's^{o}F, sunny and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/6/2007

Location: 90 West Street

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	90 West Street	0.010	06-Dec-07	15:54
2	Gate 2 of WTC	0.008	06-Dec-07	15:55

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	90 West Street	67.3	06-Dec-07	15:54
2	Gate 2 of WTC	75.7	06-Dec-07	15:55

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

Weather

Temperatures in the high 30's^{o}F, sunny and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/12/2007

Location: 8 Stone St. (5140)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Stone St. (eastern end of site)	0.016	12-Dec-07	12:03
2	Stone St. (western end of site)	0.028	12-Dec-07	12:04
3	Bridge St. (western end of site)	0.008	12-Dec-07	12:05
4	Bridge St. (eastern end of site)	0.017	12-Dec-07	12:06

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Stone St. (eastern end of site)	69.5	12-Dec-07	12:03
2	Stone St. (western end of site)	75.5	12-Dec-07	12:04
3	Bridge St. (western end of site)	67.3	12-Dec-07	12:05
4	Bridge St. (eastern end of site)	63.8	12-Dec-07	12:06

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

Weather

Temperatures were in the low 50s^{o}F, partly cloudy skies and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/12/2007

Location: South Ferry
(0620, 0640)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	State b/t Whitehall & construction entrance	0.001	12-Dec-07	12:11
2	State & Whitehall	0.006	12-Dec-07	12:12
3	Whitehall b/t State & Ferry Terminal	0.067	12-Dec-07	12:13
4	Street side of Ferry terminal entrance	0.025	12-Dec-07	12:14
5	Middle of Ferry Terminal entrance	0.016	12-Dec-07	12:15
6	Park side construction gate	0.009	12-Dec-07	12:16
7	Middle of drive along park side	0.008	12-Dec-07	12:17
8	State street entrance (east side gate)	0.005	12-Dec-07	12:18
9	State street entrance (west side gate)	0.012	12-Dec-07	12:19
10	Corner of State	0.006	12-Dec-07	12:20
11	Across from 17 State	0.005	12-Dec-07	12:21
12	State & Pearl	0.007	12-Dec-07	12:22
13	Walkway into park	0.003	12-Dec-07	12:23
14	State & Broadway plaza flagpole	0.014	12-Dec-07	12:24
15	State & Broadway	0.020	12-Dec-07	12:25
16	State & Greenwich (south side of crosswalk)	0.017	12-Dec-07	12:26
17	Battery Pl b/w Broadway & Greenwich	0.043	12-Dec-07	12:27
18	Battery Pl & Greenwich (northeast corner)	0.020	12-Dec-07	12:28
19	Battery Pl & Greenwich (northwest corner)	0.018	12-Dec-07	12:29
20	Battery Place & Washington	0.007	12-Dec-07	12:30
21	Battery Place b/w Washington & West St.	0.009	12-Dec-07	12:31
22	Greenwich in front of DMV	0.009	12-Dec-07	12:32
23	Greenwich b/w Battery Pl & Morris (29 yds in)	0.009	12-Dec-07	12:33

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	State b/t Whitehall & construction entrance	74.3	12-Dec-07	12:11
2	State & Whitehall	77.2	12-Dec-07	12:12
3	Whitehall b/t State & Ferry Terminal	67.1	12-Dec-07	12:13
4	Street side of Ferry terminal entrance	63.1	12-Dec-07	12:14
5	Middle of Ferry Terminal entrance	80.0	12-Dec-07	12:15
6	Park side construction gate	78.1	12-Dec-07	12:16
7	Middle of drive along park side	65.3	12-Dec-07	12:17
8	State street entrance (east side gate)	78.3	12-Dec-07	12:18
9	State street entrance (west side gate)	81.5	12-Dec-07	12:19
10	Corner of State	69.0	12-Dec-07	12:20
11	Across from 17 State	65.3	12-Dec-07	12:21
12	State & Pearl	67.3	12-Dec-07	12:22
13	Walkway into park	70.0	12-Dec-07	12:23
14	State & Broadway plaza flagpole	63.5	12-Dec-07	12:24
15	State & Broadway	76.4	12-Dec-07	12:25
16	State & Greenwich (south side of crosswalk)	70.4	12-Dec-07	12:26
17	Battery Pl b/w Broadway & Greenwich	65.3	12-Dec-07	12:27
18	Battery Pl & Greenwich (northeast corner)	68.8	12-Dec-07	12:28
19	Battery Pl & Greenwich (northwest corner)	70.7	12-Dec-07	12:29
20	Battery Place & Washington	73.1	12-Dec-07	12:30
21	Battery Place b/w Washington & West St.	74.1	12-Dec-07	12:31
22	Greenwich in front of DMV	70.3	12-Dec-07	12:32
23	Greenwich b/w Battery Pl & Morris (29 yds in)	69.4	12-Dec-07	12:33

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

Weather

Temperatures were in the low 50s^{o}F, partly cloudy skies and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/12/2007

Location: 50 West St. (3260)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	West St. b/t Joseph P. Ward & Rector St.	0.010	12-Dec-07	12:41
2	West St. (in front of Parking lot)	0.001	12-Dec-07	12:41

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	West St. b/t Joseph P. Ward & Rector St.	78.1	12-Dec-07	12:41
2	West St. (in front of Parking lot)	73.5	12-Dec-07	12:41

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

Weather

Temperatures were in the low 50s^{o}F, partly cloudy skies and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/12/2007

Location: BPC Site 3 (1560)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Promenade & 3rd Place	0.001	12-Dec-07	12:41
2	Promenade b/t 3rd and 2nd Place	0.008	12-Dec-07	12:42
3	Promenade & 2nd Place	0.001	12-Dec-07	12:35
4	2nd Place b/t Promenade & Battery	0.014	12-Dec-07	12:36
5	2nd & Battery	0.004	12-Dec-07	12:37
6	Battery b/t 2nd & 3rd	0.004	12-Dec-07	12:38
7	Battery & 3rd	0.009	12-Dec-07	12:39
8	3rd b/t Battery & Promenade	0.006	12-Dec-07	12:40

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Promenade & 3rd Place	76.6	12-Dec-07	12:41
2	Promenade b/t 3rd and 2nd Place	79.9	12-Dec-07	12:42
3	Promenade & 2nd Place	78.4	12-Dec-07	12:35
4	2nd Place b/t Promenade & Battery	79.6	12-Dec-07	12:36
5	2nd & Battery	67.7	12-Dec-07	12:37
6	Battery b/t 2nd & 3rd	69.8	12-Dec-07	12:38
7	Battery & 3rd	68.8	12-Dec-07	12:39
8	3rd b/t Battery & Promenade	72.3	12-Dec-07	12:40

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

Weather

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

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/12/2007

Location: 88 Greenwich Street (5240)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Greenwich & Rector	0.015	12-Dec-07	12:43
2	Rector b/t Greenwich & Washington	0.012	12-Dec-07	12:44
3	Rector & Washington	0.006	12-Dec-07	12:45
4	Washington midway along site	0.005	12-Dec-07	12:46
5	Washington southern edge of site	0.072	12-Dec-07	12:47
6	Greenwich St., midway along site	0.083	12-Dec-07	12:48
7	Greenwich St., southern edge of site.	0.040	12-Dec-07	12:49

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Greenwich & Rector	80.5	12-Dec-07	12:43
2	Rector b/t Greenwich & Washington	79.2	12-Dec-07	12:44
3	Rector & Washington	70.7	12-Dec-07	12:45
4	Washington midway along site	74.5	12-Dec-07	12:46
5	Washington southern edge of site	71.0	12-Dec-07	12:47
6	Greenwich St., midway along site	70.0	12-Dec-07	12:48
7	Greenwich St., southern edge of site.	70.8	12-Dec-07	12:49

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

Weather

Temperatures were in the low 50s^{o}F, partly cloudy skies and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/12/2007

Location: 99 Washington Street (5260)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Rector b/t Greenwich & Washington	0.004	12-Dec-07	12:51
2	Rector & Washington	0.006	12-Dec-07	12:51
3	Washington b/t Rector & Carlisle	0.019	12-Dec-07	12:52

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Rector b/t Greenwich & Washington	75.2	12-Dec-07	12:51
2	Rector & Washington	80.0	12-Dec-07	12:51
3	Washington b/t Rector & Carlisle	88.6	12-Dec-07	12:52

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

Weather

Temperatures were in the low 50s^{o}F, partly cloudy skies and windy.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Gerry Nicholls
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/14/2007

Location: 53 Park Place

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Park Place, 50Yards E of W Broadway	0.083	14-Dec-07	14:50
2	Park Place & W Broadway	0.072	14-Dec-07	14:51
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	0.066	14-Dec-07	14:52
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	0.080	14-Dec-07	14:52
5	W Broadway & Murray	0.056	14-Dec-07	14:53
6	Murray, 50Yards E of West Broadway	0.061	14-Dec-07	14:54

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Park Place, 50Yards E of W Broadway	73.0	14-Dec-07	14:50
2	Park Place & W Broadway	74.6	14-Dec-07	14:51
3	W Broadway b/w Park Pl & Murray (1/3 from Park)	74.3	14-Dec-07	14:52
4	W Broadway b/w Park Pl & Murray (1/3 from Murray)	70.1	14-Dec-07	14:52
5	W Broadway & Murray	69.2	14-Dec-07	14:53
6	Murray, 50Yards E of West Broadway	67.8	14-Dec-07	14:54

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

Weather

Temperatures were in the 30s^{o}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

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/14/2007

Location: BPC Site 23 (0490)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	North End b/w Murray & Warren	0.078	14-Dec-07	15:33
2	Warren and North End Ave.	0.050	14-Dec-07	15:33
3	Warren b/t North End and West St.	0.054	14-Dec-07	15:34

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	North End b/w Murray & Warren	68.6	14-Dec-07	15:33
2	Warren and North End Ave.	66.1	14-Dec-07	15:33
3	Warren b/t North End and West St.	65.7	14-Dec-07	15:34

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

Weather

Temperatures were in the 30s^{o}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

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/14/2007

Location: BPC Site 16/17 (0520)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	North End Ave. b/t Murray & Vesey	0.068	14-Dec-07	15:35
2	North End & Murray	0.066	14-Dec-07	15:35
3	Murray b/t North End & river Terrace	0.056	14-Dec-07	15:36
4	Murray & River Terrace	0.051	14-Dec-07	15:36
5	River Terrace b/t Murray & Vesey	0.057	14-Dec-07	15:37
6	River Terrace & Vesey	0.075	14-Dec-07	15:38
7	Midway along Irish Hunger Memorial	0.060	14-Dec-07	15:39
8	North End & Vesey	0.055	14-Dec-07	15:40

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	North End Ave. b/t Murray & Vesey	64.1	14-Dec-07	15:35
2	North End & Murray	61.6	14-Dec-07	15:35
3	Murray b/t North End & river Terrace	65.0	14-Dec-07	15:36
4	Murray & River Terrace	65.6	14-Dec-07	15:36
5	River Terrace b/t Murray & Vesey	69.1	14-Dec-07	15:37
6	River Terrace & Vesey	63.0	14-Dec-07	15:38
7	Midway along Irish Hunger Memorial	69.9	14-Dec-07	15:39
8	North End & Vesey	66.6	14-Dec-07	15:40

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

Weather

Temperatures were in the 30s^{o}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

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/14/2007

Location: Embassy Suites

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Murray & N End Ave	0.052	14-Dec-07	15:42
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	0.049	14-Dec-07	15:42
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	0.049	14-Dec-07	15:43
4	N End Ave & Vesey	0.043	14-Dec-07	15:43
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	0.042	14-Dec-07	15:44
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	0.044	14-Dec-07	15:44
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	0.048	14-Dec-07	15:45
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	0.048	14-Dec-07	15:45
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	0.056	14-Dec-07	15:46
10	Murray b/w West St & N End Ave (NW corner of Goldman Sachs site)	0.047	14-Dec-07	15:46
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	0.048	14-Dec-07	15:47
12	Murray b/w West St & N End Ave (2/3 block from NW corner of Goldman Sachs site)	0.061	14-Dec-07	15:47

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Murray & N End Ave	69.4	14-Dec-07	15:42
2	N End Ave b/w Murray & Vesey (1/3 block south from Murray)	73.5	14-Dec-07	15:42
3	N End Ave b/w Murray & Vesey (2/3 block south from Murray)	67.9	14-Dec-07	15:43
4	N End Ave & Vesey	66.6	14-Dec-07	15:43
5	Vesey b/w N End Ave & West St (1/3 block to SW Corner of Goldman Sachs site)	66.5	14-Dec-07	15:44
6	Vesey b/w N End Ave & West St (2/3 block to SW Corner of Goldman Sachs site)	69.5	14-Dec-07	15:44
7	Vesey b/w N End Ave & West St (at SW Corner of Goldman Sachs site)	71.7	14-Dec-07	15:45
8	E side of hotel b/w Vesey & Murray (1/3 block north from Vesey)	68.6	14-Dec-07	15:45
9	E side of hotel b/w Vesey & Murray (2/3 block north from Vesey)	71.7	14-Dec-07	15:46
10	Murray b/w West St & N End Ave (NW corner of	67.7	14-Dec-07	15:46
11	Murray b/w West St & N End Ave (1/3 block from NW corner of Goldman Sachs site)	68.1	14-Dec-07	15:47
12	Murray b/w West St & N End Ave (2/3 block from	73.1	14-Dec-07	15:47

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

Weather

Temperatures were in the 30s^{o}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

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/17/2007

Location: 10/12 Barclay (0820)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Barclay & Church	0.053	17-Dec-07	10:38
2	Barclay (20 yards in)	0.043	17-Dec-07	10:39
3	Barclay (40 yards in)	0.039	17-Dec-07	10:39

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Barclay & Church	70.0	17-Dec-07	10:38
2	Barclay (20 yards in)	70.8	17-Dec-07	10:39
3	Barclay (40 yards in)	74.3	17-Dec-07	10:39

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

Weather

Temperatures were in the upper 30s^{o}F with clear skies and slight winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/17/2007

Location: 99 Church Street (5420)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Barclay b/t Broadway & Church	0.021	17-Dec-07	10:40
2	Barclay & Church	0.033	17-Dec-07	10:42
3	Park & Church	0.031	17-Dec-07	10:43
4	Park b/t Church & Broadway	0.025	17-Dec-07	10:43

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Barclay b/t Broadway & Church	74.0	17-Dec-07	10:40
2	Barclay & Church	76.4	17-Dec-07	10:42
3	Park & Church	70.4	17-Dec-07	10:43
4	Park b/t Church & Broadway	71.5	17-Dec-07	10:43

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

Weather

Temperatures were in the upper 30s^{o}F with clear skies and slight winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/17/2007

Location: NYCDOT/DDC Street Projects
Park Pl-west Broadway>Church
(0320)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Park & West Broadway	0.034	17-Dec-07	10:47
2	Park b/t West Broadway & Church	0.029	17-Dec-07	10:48
3	Park & Church	0.016	17-Dec-07	10:49

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Park & West Broadway	77.0	17-Dec-07	10:47
2	Park b/t West Broadway & Church	74.8	17-Dec-07	10:48
3	Park & Church	73.2	17-Dec-07	10:49

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

Weather

Temperatures were in the upper 30s^{o}F with clear skies and slight winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/17/2007

Location: Fiterman Hall (0930)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	West Broadway & Park Place	0.011	17-Dec-07	10:51
2	Park Place b/t West Broadway & Greenwich	0.020	17-Dec-07	10:55
3	Park Place & Greenwich	0.050	17-Dec-07	10:56
4	Greenwich b/t Barclay & Park Place	0.012	17-Dec-07	10:57
5	Barclay & Greenwich	0.015	17-Dec-07	10:58
6	Barclay b/w Greenwich & West Broadway	0.031	17-Dec-07	10:59
7	Barclay & West Broadway	0.060	17-Dec-07	11:00
8	West Broadway b/t Barclay & Park Place	0.014	17-Dec-07	11:01

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	West Broadway & Park Place	76.5	17-Dec-07	10:51
2	Park Place b/t West Broadway & Greenwich	73.7	17-Dec-07	10:55
3	Park Place & Greenwich	66.0	17-Dec-07	10:56
4	Greenwich b/t Barclay & Park Place	71.2	17-Dec-07	10:57
5	Barclay & Greenwich	77.2	17-Dec-07	10:58
6	Barclay b/w Greenwich & West Broadway	70.5	17-Dec-07	10:59
7	Barclay & West Broadway	70.0	17-Dec-07	11:00
8	West Broadway b/t Barclay & Park Place	73.3	17-Dec-07	11:01

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

Weather

Temperatures were in the upper 30s^{o}F with clear skies and slight winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/17/2007

Location: 270 Greenwich (0960)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Murray & West	0.049	17-Dec-07	11:04
2	SJU NE Corner adjacent to site	0.009	17-Dec-07	11:05
3	Murray, mid along site entrances	0.011	17-Dec-07	11:06
4	Greenwich & Murray	0.060	17-Dec-07	11:07
5	Greenwich b/t Murray & Warren	0.010	17-Dec-07	11:08
6	Greenwich & Warren	0.017	17-Dec-07	11:09
7	Warren b/t Greenwich & West	0.018	17-Dec-07	11:10
8	Warren & West	0.020	17-Dec-07	11:11

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Murray & West	73.9	17-Dec-07	11:04
2	SJU NE Corner adjacent to site	69.0	17-Dec-07	11:05
3	Murray, mid along site entrances	70.8	17-Dec-07	11:06
4	Greenwich & Murray	69.2	17-Dec-07	11:07
5	Greenwich b/t Murray & Warren	64.6	17-Dec-07	11:08
6	Greenwich & Warren	72.6	17-Dec-07	11:09
7	Warren b/t Greenwich & West	67.7	17-Dec-07	11:10
8	Warren & West	65.1	17-Dec-07	11:11

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

Weather

Temperatures were in the upper 30s^{o}F with clear skies and slight winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/17/2007

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 above Lower Manhattan construction site as detailed in the tables below.

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	West & Vesey	0.016	17-Dec-07	11:14
2	Vesey, midway b/t gates	0.024	17-Dec-07	11:15
3	Wvesey, SW corner of site	0.036	17-Dec-07	11:16
4	Midway on Westside of site b/t Murray & Vesey	0.019	17-Dec-07	11:17
5	Murray, NW corner of site	0.044	17-Dec-07	11:18
6	Murray at gate mid-way	0.038	17-Dec-07	11:19
7	West & Murray	0.022	17-Dec-07	11:20
8	Barclay & West	0.024	17-Dec-07	11:21

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	West & Vesey	72.3	17-Dec-07	11:14
2	Vesey, midway b/t gates	74.1	17-Dec-07	11:15
3	Wvesey, SW corner of site	69.8	17-Dec-07	11:16
4	Midway on Westside of site b/t Murray & Vesey	72.6	17-Dec-07	11:17
5	Murray, NW corner of site	68.4	17-Dec-07	11:18
6	Murray at gate mid-way	69.1	17-Dec-07	11:19
7	West & Murray	70.0	17-Dec-07	11:20
8	Barclay & West	70.1	17-Dec-07	11:21

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

Weather

Temperatures were in the upper 30s^{o}F with clear skies and slight winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/19/2007

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 above Lower Manhattan construction sites as detailed in the tables below.

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Gate 7	0.032	19-Dec-07	14:36
2	Liberty b/t Washington & Greenwich	0.045	19-Dec-07	14:36
3	Greenwich & Liberty	0.048	19-Dec-07	14:37
4	Liberty (new gate)	0.040	19-Dec-07	14:37
5	Liberty mid b/t Greenwich & Church	0.032	19-Dec-07	14:38
6	Gate 3 (Liberty & Church)	0.041	19-Dec-07	14:38
7	Church b/t Liberty & Cortlandt	0.042	19-Dec-07	14:39
8	Church & Cortlandt	0.038	19-Dec-07	14:40
9	Church & Dey	0.043	19-Dec-07	11:57
10	PATH Entrance	0.040	19-Dec-07	11:56
11	Gate 10	0.043	19-Dec-07	11:55
12	Vesey & Church	0.061	19-Dec-07	11:54
13	Vesey, approx 30 yards from Church	0.049	19-Dec-07	11:52
14	Vesey & Greenwich	0.051	19-Dec-07	11:50
15	Washington & Vesey	0.049	19-Dec-07	11:49
16	Vesey & Westside (SE corner)	0.038	19-Dec-07	11:48
17	Westside ¼ to Liberty	0.037	19-Dec-07	11:47
18	Westside ½ to Liberty	0.045	19-Dec-07	11:45
19	Westside ¾ to Liberty	0.048	19-Dec-07	11:43
20	Westside & Liberty	0.051	19-Dec-07	11:40

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Gate 7	75.5	19-Dec-07	14:36
2	Liberty b/t Washington & Greenwich	63.6	19-Dec-07	14:36
3	Greenwich & Liberty	62.3	19-Dec-07	14:37
4	Liberty (new gate)	69.7	19-Dec-07	14:37
5	Liberty mid b/t Greenwich & Church	67.1	19-Dec-07	14:38
6	Gate 3 (Liberty & Church)	69.7	19-Dec-07	14:38
7	Church b/t Liberty & Cortlandt	74.0	19-Dec-07	14:39
8	Church & Cortlandt	72.2	19-Dec-07	14:40
9	Church & Dey	68.0	19-Dec-07	11:57
10	PATH Entrance	77.9	19-Dec-07	11:56
11	Gate 10	69.1	19-Dec-07	11:55
12	Vesey & Church	71.2	19-Dec-07	11:54
13	Vesey, approx 30 yards from Church	74.2	19-Dec-07	11:52
14	Vesey & Greenwich	67.1	19-Dec-07	11:50
15	Washington & Vesey	73.8	19-Dec-07	11:49
16	Vesey & Westside (SE corner)	79.0	19-Dec-07	11:48
17	Westside ¼ to Liberty	70.5	19-Dec-07	11:47
18	Westside ½ to Liberty	67.3	19-Dec-07	11:45
19	Westside ¾ to Liberty	67.6	19-Dec-07	11:43
20	Westside & Liberty	71.0	19-Dec-07	11:40

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

Weather

Temperatures were in the mid 60s^{o}F with cloudy skies.

Discussion

No anomalous or out-of-compliance TSP or noise readings were observed at this site, however, elevated noise levels were recorded at Washington and Rector from the construction site at the NE corner of Washington St. and Rector St.

David Frucher
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Kevin Held
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/19/2007

Location: 130 Liberty Street
Deconstruction

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Liberty & Washington (outside gate)	0.032	19-Dec-07	14:49
2	Liberty b/t Greenwich & Washington	0.022	19-Dec-07	14:48
3	Greenwich & Liberty	0.045	19-Dec-07	14:38
4	Greenwich & Cedar	0.039	19-Dec-07	14:41
5	Greenwich & Albany	0.058	19-Dec-07	14:54
6	Albany b/t Washington & Greenwich	0.064	19-Dec-07	14:53
7	Albany & Washington	0.060	19-Dec-07	14:51

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Liberty & Washington (outside gate)	75.5	19-Dec-07	14:49
2	Liberty b/t Greenwich & Washington	76.6	19-Dec-07	14:48
3	Greenwich & Liberty	75.5	19-Dec-07	14:38
4	Greenwich & Cedar	67.1	19-Dec-07	14:41
5	Greenwich & Albany	71.7	19-Dec-07	14:54
6	Albany b/t Washington & Greenwich	72.1	19-Dec-07	14:53
7	Albany & Washington	68.0	19-Dec-07	14:51

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

Weather

Temperatures were in the low 40s F with cloudy skies.

Discussion

Elevated noise levels were observed at Washington & Rector (91.1 dBA). Elevated levels were from construction operations with pnuematic tools at Site #5260 (NE corner of Washington & Rector). Site did not appear to have noise control barriers of any kin

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Kevin Held
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LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/26/2007

Location: 57 Reade St (1770)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Broadway, south corner of site	0.046	26-Dec-07	14:39
2	Broadway, north corner of site	0.053	26-Dec-07	14:40
3	Reade (site entrance)	0.047	26-Dec-07	14:41

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Broadway, south corner of site	64.6	26-Dec-07	14:39
2	Broadway, north corner of site	77.2	26-Dec-07	14:40
3	Reade (site entrance)	65.4	26-Dec-07	14:41

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

Weather

Temperatures were in the upper 30s^{o}F with cloudy skies and mild winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

Venkat Balasubramanian
BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/26/2007

Location: 34 Leonard St (2970)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	W. Broadway b/w Leonard & Worth	0.049	26-Dec-07	15:09
2	W. Broadway and Leonard (SW Corner)	0.053	26-Dec-07	15:10
3	Leonard b/w W. Broadway & Hudson)	0.050	26-Dec-07	15:11

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	W. Broadway b/w Leonard & Worth	66.5	26-Dec-07	15:09
2	W. Broadway and Leonard (SW Corner)	71.4	26-Dec-07	15:10
3	Leonard b/w W. Broadway & Hudson)	70.8	26-Dec-07	15:11

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

Weather

Temperatures were in the upper 30s^{o}F with cloudy skies and mild winds.

Discussion

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

David Frucher
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BEM Systems, Inc.

BEM

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/26/2007

Location: NYU Law School Library (1730)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	W. Broadway b/t Worth & Leonard	0.055	26-Dec-07	15:12
2	W. Broadway & Leonard	0.054	26-Dec-07	15:13
3	Leonard (midway along site)	0.059	26-Dec-07	15:14
4	Leonard mid b/t W. Broadway & Church	0.070	26-Dec-07	15:15
5	Worth (site entrance)	0.061	26-Dec-07	15:16

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	W. Broadway b/t Worth & Leonard	70.9	26-Dec-07	15:12
2	W. Broadway & Leonard	70.5	26-Dec-07	15:13
3	Leonard (midway along site)	69.5	26-Dec-07	15:14
4	Leonard mid b/t W. Broadway & Church	67.0	26-Dec-07	15:15
5	Worth (site entrance)	64.1	26-Dec-07	15:16

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

Weather

Temperatures were in the upper 30s^{o}F with cloudy skies and mild winds.

Discussion

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

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LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/26/2007

Location: 56 Leonard St (5230)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Leonard mid b/t W. Broadway & Church	0.064	26-Dec-07	15:17
2	Leonard & Church	0.053	26-Dec-07	15:18
3	Church b/t Leonard & Worth	0.055	26-Dec-07	15:19

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

Table 1.2 Noise Monitoring Results

Monitoring	Locations	Noise	Date	Time
1	Leonard mid b/t W. Broadway & Church	69.6	26-Dec-07	15:17
2	Leonard & Church	71.5	26-Dec-07	15:18
3	Church b/t Leonard & Worth	64.3	26-Dec-07	15:19

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

Weather

Temperatures were in the upper 30s^{o}F with cloudy skies and mild winds.

Discussion

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

David Frucher
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BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/26/2007

Location: Leonard St DOT (2500)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Leonard & Church (SE corner)	0.066	26-Dec-07	15:19
2	Leonard, ¼ to Broadway	0.038	26-Dec-07	15:20
3	Leonard mid b/t Church & Broadway	0.051	26-Dec-07	15:21
4	Leonard, ¼ from Broadway	0.038	26-Dec-07	15:22
5	Leonard & Broadway	0.047	26-Dec-07	15:23

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Leonard & Church (SE corner)	67.6	26-Dec-07	15:19
2	Leonard, ¼ to Broadway	76.8	26-Dec-07	15:20
3	Leonard mid b/t Church & Broadway	66.3	26-Dec-07	15:21
4	Leonard, ¼ from Broadway	67.4	26-Dec-07	15:22
5	Leonard & Broadway	72.3	26-Dec-07	15:23

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

Weather

Temperatures were in the upper 30s^{o}F with cloudy skies and mild winds.

Discussion

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

David Frucher
Lower Manhattan Construction Command Center

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BEM Systems, Inc.

LOWER MANHATTAN CONSTRUCTION COMMAND CENTER

MOBILE MONITORING REPORT

Date: 12/26/2007

Location: 50 Franklin St (3170)

Objective:

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

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

Table 1.1 TSP Monitoring Results

Monitoring ID Number	Locations	TSP (mg/m^3)	Date	Time
1	Franklin St (western edge of site)	0.042	26-Dec-07	15:26
2	Franklin St (eastern edge of site)	0.041	26-Dec-07	15:27

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

Table 1.2 Noise Monitoring Results

Monitoring ID Number	Locations	Noise (dB)	Date	Time
1	Franklin St (western edge of site)	63.9	26-Dec-07	15:26
2	Franklin St (eastern edge of site)	65.3	26-Dec-07	15:27

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

Weather

Temperatures were in the upper 30s^{o}F with cloudy skies and mild winds.

Discussion

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

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