

Week of August 30, 2004

McCoy Field-Keith Middle School Construction Project New Bedford, MA

Daily Field Notes and Dust Monitoring

Date: August 30, 2004

Field Personnel: Jim Smith, BETA Group, Inc.

Time on Site: 6:30-15:00

Weather: AM- cloudy, foggy, 70°

PM- cloudy, 75°

Wind: AM- slight, from S

PM- slight, from SW

Summary of Activities Performed

WES Construction did not excavate contaminated soil today. Spent time in the morning grading the utility easement near Summit Road. Began installation of water line in north utility corridor from Hathaway Blvd.

WES backfilling, grading, and compacting in quadrants Q- 49 through Q-43.

Summary of Dust Monitoring Results

Two dust monitoring units on-site. One unit (02352) for manual logging, and one unit (04701) set up for automatic logging (every 15 minutes). Manual dust monitoring readings averaged between .010 mg/m³ to .030 mg/m³ during the day.

Dust monitoring logging data for today was identified as TAG # 1 and TAG # 2. The logging unit compiled average dust concentrations every fifteen minutes throughout the day. The fifteen-minute averages ranged between approximately 0.010 mg/m³-0.060 mg/m³. The overall average concentration for the day was 0.044 mg/m³.

pDR-1000 S/N: 00000

User ID: 04701

Tag Number: 01

Number of logged points: 2

Start time and date: 06:59:41 30-Aug

Elapsed time: 00:30:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.456 mg/m³

Time at maximum: 07:08:32 Aug 30

Max STEL Concentration: 0.037 mg/m³

Time at max STEL: 07:14:41 Aug 30

Overall Avg Conc: 0.003 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	30-Aug	07:14:41	0.038
2	30-Aug	07:29:41	0.013

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pDR-1000 S/N: 00000
User ID: 04701
Tag Number: 02
Number of logged points: 22
Start time and date: 07:39:40 30-Aug
Elapsed time: 05:30:00
Logging period (sec): 900
Calibration Factor (%): 100
Max Display Concentration: 1.420 mg/m³
Time at maximum: 12:32:58 Aug 30
Max STEL Concentration: 0.076 mg/m³
Time at max STEL: 12:45:41 Aug 30
Overall Avg Conc: 0.044 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	30-Aug	07:54:40	0.038
2	30-Aug	08:09:40	0.029
3	30-Aug	08:24:40	0.016
4	30-Aug	08:39:40	0.022
5	30-Aug	08:54:40	0.022
6	30-Aug	09:09:40	0.033
7	30-Aug	09:24:40	0.042
8	30-Aug	09:39:40	0.046
9	30-Aug	09:54:40	0.046
10	30-Aug	10:09:40	0.046
11	30-Aug	10:24:40	0.044
12	30-Aug	10:39:40	0.043
13	30-Aug	10:54:40	0.046
14	30-Aug	11:09:40	0.051
15	30-Aug	11:24:40	0.059
16	30-Aug	11:39:40	0.057
17	30-Aug	11:54:40	0.048
18	30-Aug	12:09:40	0.05
19	30-Aug	12:24:40	0.05
20	30-Aug	12:39:40	0.069
21	30-Aug	12:54:40	0.058
22	30-Aug	13:09:40	0.05

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McCoy Field-Keith Middle School Construction Project New Bedford, MA

Daily Field Notes and Dust Monitoring

Date: August 31, 2004

Field Personnel: Eric Olson, BETA Group, Inc.

Time on Site: 6:35-10:40

Weather: AM- Overcast, rain, thunder, 70's° PM- N/A

Wind: AM- windy NW PM- N/A

Summary of Activities Performed

WES Construction spent the day backfilling the north corridor.

Summary of Dust Monitoring Results

No dust monitoring was necessary today.

McCoy Field-Keith Middle School Construction Project New Bedford, MA

Daily Field Notes and Dust Monitoring

Date: September 1, 2004 **Field Personnel:** Jim Smith, BETA Group, Inc.

Time on Site: 6:30-15:00

Weather: AM- sunny, 65° PM- sunny, 75°

Wind: AM- imperceptible PM- slight, from NW

Summary of Activities Performed

WES Construction excavating soil from north utility corridor quadrants Q-58 and Q-59. Contaminated soil being loaded into trailer trucks for off-site management.

WES backfilling, grading, and compacting in quadrants Q- 55 through Q-45.

Total of 10 truck loads of contaminated soil hauled from Site today (all trucks hauling <50 ppm PCB contamination to Turnkey).

Summary of Dust Monitoring Results

Two dust monitoring units on-site. One unit (02352) for manual logging, and one unit (04701) set up for automatic logging (every 15 minutes). Manual dust monitoring readings averaged between .010 mg/m³ to .040 mg/m³ during the day.

Dust monitoring logging data for today was identified as TAG # 1. The logging unit compiled average dust concentrations every fifteen minutes throughout the day. The fifteen-minute averages ranged between approximately 0.010 mg/m³-0.040 mg/m³. The overall average concentration for the day was 0.015 mg/m³.

pDR-1000

User ID: 04701

Tag Number: 01

Number of logged points: 30

Start time and date: 06:52:24 01-Sep

Elapsed time: 07:30:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 1.515 mg/m³

Time at maximum: 12:44:34 Sep 01

Max STEL Concentration: 0.046 mg/m³

Time at max STEL: 12:44:54 Sep 01

Overall Avg Conc: 0.015 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	1-Sep	07:07:24	0.016
2	1-Sep	07:22:24	0.012
3	1-Sep	07:37:24	0.01
4	1-Sep	07:52:24	0.013
5	1-Sep	08:07:24	0.011
6	1-Sep	08:22:24	0.012
7	1-Sep	08:37:24	0.011
8	1-Sep	08:52:24	0.012
9	1-Sep	09:07:24	0.012
10	1-Sep	09:22:24	0.012
11	1-Sep	09:37:24	0.012
12	1-Sep	09:52:24	0.012
13	1-Sep	10:07:24	0.015
14	1-Sep	10:22:24	0.012
15	1-Sep	10:37:24	0.012
16	1-Sep	10:52:24	0.012
17	1-Sep	11:07:24	0.013
18	1-Sep	11:22:24	0.014
19	1-Sep	11:37:24	0.014
20	1-Sep	11:52:24	0.017
21	1-Sep	12:07:24	0.018
22	1-Sep	12:22:24	0.019
23	1-Sep	12:37:24	0.023
24	1-Sep	12:52:24	0.039
25	1-Sep	13:07:24	0.017
26	1-Sep	13:22:24	0.016
27	1-Sep	13:37:24	0.018
28	1-Sep	13:52:24	0.017
29	1-Sep	14:07:24	0.022
30	1-Sep	14:22:24	0.022

McCoy Field-Keith Middle School Construction Project New Bedford, MA

Daily Field Notes and Dust Monitoring

Date: September 2, 2004 **Field Personnel:** Eric Olson, BETA Group, Inc.

Time on Site: 6:43-14:16

Weather: AM- sunny, 70's° PM- sunny, 70's°

Wind: AM- steady from S PM- steady from S

Summary of Activities Performed

WES Construction spent the day excavating contaminated soil from the north corridor (Quadrants 68 and 69).

A total of 16 truck loads of contaminated soil hauled from Site today (all trucks hauling contamination from the north corridor).

Summary of Dust Monitoring Results

Two dust monitoring units on-site. One unit (04701) for manual logging, and one unit (02352) set up for automatic logging (every 15 minutes). Manual dust monitoring readings averaged between 0.000 mg/m³ to 0.017 mg/m³ during the day.

Dust monitoring logging data for today was identified as TAG #2. The logging unit compiled average dust concentrations every fifteen minutes throughout the day. Wes sprayed the logging unit with the water truck at about 11:00, which rendered it inoperable for the remainder of the day.

pDR-1000 S/N: 00000
User ID: 04701
Tag Number: 02
Number of logged points: 27
Start time and date: 06:43:10 02-Sep
Elapsed time: 06:45:00
Logging period (sec): 900
Calibration Factor (%): 100
Max Display Concentration: 0.251 mg/m³
Time at maximum: 12:55:10 Sep 02
Max STEL Concentration: 0.032 mg/m³
Time at max STEL: 12:33:40 Sep 02
Overall Avg Conc: 0.010 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	2-Sep	06:58:10	0.012
2	2-Sep	07:13:10	0.007
3	2-Sep	07:28:10	0.008
4	2-Sep	07:43:10	0.009
5	2-Sep	07:58:10	0.008
6	2-Sep	08:13:10	0.008
7	2-Sep	08:28:10	0.008
8	2-Sep	08:43:10	0.007
9	2-Sep	08:58:10	0.004
10	2-Sep	09:13:10	0.003
11	2-Sep	09:28:10	0.003
12	2-Sep	09:43:10	0.004
13	2-Sep	09:58:10	0.003
14	2-Sep	10:13:10	0.004
15	2-Sep	10:28:10	0.005
16	2-Sep	10:43:10	0.006
17	2-Sep	10:58:10	0.007
18	2-Sep	11:13:10	0.006
19	2-Sep	11:28:10	0.016
20	2-Sep	11:43:10	0.024
21	2-Sep	11:58:10	0.012
22	2-Sep	12:13:10	0.007
23	2-Sep	12:28:10	0.019
24	2-Sep	12:43:10	0.024
25	2-Sep	12:58:10	0.023
26	2-Sep	13:13:10	0.015
27	2-Sep	13:28:10	0.019

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McCoy Field-Keith Middle School Construction Project New Bedford, MA

Daily Field Notes and Dust Monitoring

Date: September 3, 2004 **Field Personnel:** Barbara Markley, BETA Group, Inc.

Time on Site: 6:45-2:15

Weather: AM- sunny, upper 60°s PM- sunny, upper 70°s

Wind: AM- none to light and variable PM- light, E to SSE

Summary of Activities Performed

WES Construction excavating soil from north utility corridor quadrants Q-55, Q-56 and eastern portion of Q-57. Contaminated soil being loaded into trailer trucks for off-site management. A portion of Q-56 (4-7 ft) was segregated and stockpiled on and covered with polyethylene sheeting because PCB concentrations exceeded 50 ppm.

WES backfilling, grading, and compacting in quadrants Q-55, Q-56, and Q-57.

Total of 16 truck loads of contaminated soil hauled from Site today (all trucks hauling <50 ppm PCB contamination to Turnkey).

Summary of Dust Monitoring Results

Two dust monitoring units on-site. One unit (02352) for manual logging, and one unit (04701) set up for automatic logging (every 15 minutes). Manual dust monitoring readings averaged between .000 mg/m³ to 0.107 mg/m³ during the day (Tag #3).

pDR-1000 S/N: 00000
User ID: 04701
Tag Number: 03
Number of logged points: 23
Start time and date: 06:58:02 03-Sep
Elapsed time: 05:45:00
Logging period (sec): 900
Calibration Factor (%): 100
Max Display Concentration: 1.749 mg/m³
Time at maximum: 11:43:59 Sep 03
Max STEL Concentration: 0.034 mg/m³
Time at max STEL: 11:44:03 Sep 03
Overall Avg Conc: 0.003 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	3-Sep	07:13:02	0.021
2	3-Sep	07:28:02	0.004
3	3-Sep	07:43:02	0.002
4	3-Sep	07:58:02	0
5	3-Sep	08:13:02	0.004
6	3-Sep	08:28:02	0.002
7	3-Sep	08:43:02	0.003
8	3-Sep	08:58:02	0.003
9	3-Sep	09:13:02	0
10	3-Sep	09:28:02	0
11	3-Sep	09:43:02	0.001
12	3-Sep	09:58:02	0.003
13	3-Sep	10:13:02	0.006
14	3-Sep	10:28:02	0.002
15	3-Sep	10:43:02	0
16	3-Sep	10:58:02	0.006
17	3-Sep	11:13:02	0.014
18	3-Sep	11:28:02	0.021
19	3-Sep	11:43:02	0.047
20	3-Sep	11:58:02	0.052
21	3-Sep	12:13:02	0.023
22	3-Sep	12:28:02	0.024
23	3-Sep	12:43:02	0.029

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pDR-1000 S/N: 00000

User ID: 04701

Tag Number: 04

Number of logged points: 1

Start time and date: 12:56:13 03-Sep

Elapsed time: 00:15:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.275 mg/m³

Time at maximum: 13:16:54 Sep 03

Max STEL Concentration: 0.021 mg/m³

Time at max STEL: 13:15:43 Sep 03

Overall Avg Conc: 0.022 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	3-Sep	13:11:13	0.021

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