

Week of October 25, 2004

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

Daily Field Notes and Dust Monitoring

Date: October 25, 2004

Field Personnel: Ed Beach, EST

Time on Site: 9:45-1:30

Weather: AM- Cloudy and misty

PM- Not recorded

Wind: AM- from N

PM- from N

Summary of Activities Performed

WES Construction excavating working on water line termination point. WES also excavated obstructions in areas of refused pilings. The soil was temporarily stockpiled during the excavation of the obstruction and then returned to the hole prior to re-driving the piling.

Northeast Pile Driving on site, driving piles within building footprint area.

No soil was hauled off site today.

Summary of Dust Monitoring Results

Two dust monitoring units on-site. One unit (02352) for manual logging, and one unit (05037) set up for automatic logging (every 15 minutes). Manual dust monitoring readings averaged between 0.020 mg/m^3 to 0.267 mg/m^3 during the day.

Dust monitoring logging data for today was not recovered from the instrument.

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

Daily Field Notes and Dust Monitoring

Date: October 27, 2004

Field Personnel: Christian Alarie, BETA Group, Inc.

Time on Site: 7:00-14:40

Weather: AM- overcast 40°

PM- overcast, sunny at times 45-55°

Wind: AM- slight from North to South

PM- same with stronger winds in the pm

Summary of Activities Performed

WES Construction worked on preparing trucks for live loading and excavated soil for off site disposal in the northern utility corridor in the location of W-7 (Q61A and Q63). WES also worked on surveying the site for piling placement and excavating large boulders that prevented the placement of pilings to desired depths. Boulders were removed to the northern section of the site for pulverization. All of the areas excavated for the removal of subsurface boulders were backfilled accordingly. A geotextile fabric was placed over impacted soil in those area and clean fill was placed over that. WES also worked on excavating soil near the northern utility corridor for water line placement. WES also worked on the water line in the southern utility corridor, including placing clean fill around the water pipes and compacting that material. WES also worked on placing gravel in the northern basin.

McCoy Fence Company worked on repairing sections of the perimeter fence along the southern boundary. That section of fence was previously affected by site activities.

A total of ten (10) truck loads of impacted soils were removed from the site today. All of the material removed contained concentrations of <50 parts per million (PPM) of PCBs.

Northeast Pile Driving (NEP) worked on driving pilings throughout the day.

Summary of Dust Monitoring Results

Two dust monitoring units on-site. One unit (02352) for manual logging, and one unit (05037) set up for automatic logging (every 15 minutes). Manual dust monitoring readings ranged between .000 mg/m³ to .284 mg/m³ during the day. The average daily manual dust monitoring reading was 0.063 mg/m³.

Dust monitoring logging data for today was identified as TAG # 17. The logging unit compiled average dust concentrations every fifteen minutes throughout the day. The fifteen-minute averages ranged between approximately 0.028 mg/m³-0.184 mg/m³. The overall average concentration for the day was 0.057 mg/m³.

pDR-1000 S/N: 04870
User ID: 05037
Tag Number: 17
Number of logged points: 29
Start time and date: 07:14:08 27-Oct
Elapsed time: 07:15:00
Logging period (sec): 900
Calibration Factor (%): 100
Max Display Concentration: 2.546 mg/m³
Time at maximum: 09:36:54 Oct 27
Max STEL Concentration: 0.216 mg/m³
Time at max STEL: 09:51:39 Oct 27
Overall Avg Conc: 0.057 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	27-Oct	07:29:08	0.036
2	27-Oct	07:44:08	0.035
3	27-Oct	07:59:08	0.032
4	27-Oct	08:14:08	0.031
5	27-Oct	08:29:08	0.031
6	27-Oct	08:44:08	0.031
7	27-Oct	08:59:08	0.044
8	27-Oct	09:14:08	0.077
9	27-Oct	09:29:08	0.093
10	27-Oct	09:44:08	0.131
11	27-Oct	09:59:08	0.184
12	27-Oct	10:14:08	0.05
13	27-Oct	10:29:08	0.034
14	27-Oct	10:44:08	0.063
15	27-Oct	10:59:08	0.049
16	27-Oct	11:14:08	0.049
17	27-Oct	11:29:08	0.069
18	27-Oct	11:44:08	0.028
19	27-Oct	11:59:08	0.042
20	27-Oct	12:14:08	0.082
21	27-Oct	12:29:08	0.062
22	27-Oct	12:44:08	0.03
23	27-Oct	12:59:08	0.046
24	27-Oct	13:14:08	0.033
25	27-Oct	13:29:08	0.083
26	27-Oct	13:44:08	0.095
27	27-Oct	13:59:08	0.056
28	27-Oct	14:14:08	0.031
29	27-Oct	14:29:08	0.066

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

Daily Field Notes and Dust Monitoring

Date: October 28, 2004

Field Personnel: Christian Alarie, BETA Group, Inc.

Time on Site: 7:45-15:30

Weather: AM- sunny 40°

PM- sunny 45-55°

Wind: AM- strong from North to South PM- variable to South and West

Summary of Activities Performed

WES Construction worked on preparing trucks for live loading and excavated soil for off site disposal in the northern utility corridor in the location of Q63 through Q70 (Sections A, B, C, E and F). Impacted soil removed from those areas contained concentrations of PCBs greater than and below 50 parts per million (ppm). Measurements were taken of the >50 ppm PCB containing soils to ensure exact removal of that material. Some material containing >50 ppm of PCBs were stockpiled on site for removal on the 29th. All stockpiled soil was covered from the elements with poly sheeting. WES also worked on excavating a small section of soil in the extreme northern section of the site. Soils in that area contained >50 ppm of PCBs. WES also worked on surveying the site for piling placement and excavating large boulders that prevented the placement of pilings to desired depths. Boulders were removed to the northern section of the site for pulverization. All of the areas excavated for the removal of subsurface boulders were backfilled accordingly. A geotextile fabric was placed over impacted soil in those areas and clean fill was placed over that.

A total of sixteen (16) truck loads of impacted soils were removed from the site today. Ten (10) of the trucks removed soils containing >50 ppm of PCBs. The remaining six (6) trucks removed soils contained concentrations of <50 ppm of PCBs.

Land Planning worked on surveying soil sample locations for TDS and BETA.

Technical Drilling Services (TDS) accomplished several soil borings throughout the day.

BETA Group collected soil samples from the soil borings completed by TDS.

Northeast Pile Driving (NEP) worked on driving pilings throughout the day.

Summary of Dust Monitoring Results

Two dust monitoring units on-site. One unit (02352) for manual logging, and one unit (05037) set up for automatic logging (every 15 minutes). Manual dust monitoring readings ranged between .000 mg/m³ to .260 mg/m³ during the day. The average daily manual dust monitoring reading was 0.026 mg/m³. Following the detection of significant concentrations of airborne particulates, measures were taken to control operations and reduce the generation of dust at the site. Measures taken were effective, resulting in much lower concentrations of airborne particulates (dust).

Dust monitoring logging data for today was identified as TAG # 18. The logging unit compiled average dust concentrations every fifteen minutes throughout the day. The fifteen-minute averages ranged between approximately 0.003 mg/m³-0.032 mg/m³. The overall average concentration for the day was 0.007 mg/m³.

pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 18

Number of logged points: 27

Start time and date: 06:51:48 28-Oct

Elapsed time: 06:45:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.963 mg/m³

Time at maximum: 10:07:51 Oct 28

Max STEL Concentration: 0.035 mg/m³

Time at max STEL: 07:09:48 Oct 28

Overall Avg Conc: 0.007 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	28-Oct	07:06:48	0.032
2	28-Oct	07:21:48	0.021
3	28-Oct	07:36:48	0.021
4	28-Oct	07:51:48	0.003
5	28-Oct	08:06:48	0.004
6	28-Oct	08:21:48	0.004
7	28-Oct	08:36:48	0.004
8	28-Oct	08:51:48	0.003
9	28-Oct	09:06:48	0.004
10	28-Oct	09:21:48	0.004
11	28-Oct	09:36:48	0.003
12	28-Oct	09:51:48	0.004
13	28-Oct	10:06:48	0.008
14	28-Oct	10:21:48	0.023
15	28-Oct	10:36:48	0.005
16	28-Oct	10:51:48	0.006
17	28-Oct	11:06:48	0.012
18	28-Oct	11:21:48	0.004
19	28-Oct	11:36:48	0.009
20	28-Oct	11:51:48	0.008
21	28-Oct	12:06:48	0.01
22	28-Oct	12:21:48	0.004
23	28-Oct	12:36:48	0.005
24	28-Oct	12:51:48	0.006
25	28-Oct	13:06:48	0.005
26	28-Oct	13:21:48	0.004
27	28-Oct	13:36:48	0.004

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pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 19

Number of logged points: 75

Start time and date: 06:57:29 29-Oct

Elapsed time: 18:45:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 1.911 mg/m³

Time at maximum: 13:55:28 Oct 29

Max STEL Concentration: 0.068 mg/m³

Time at max STEL: 14:01:30 Oct 29

Overall Avg Conc: 0.000 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	29-Oct	07:12:29	0.01
2	29-Oct	07:27:29	0.008
3	29-Oct	07:42:29	0.04
4	29-Oct	07:57:29	0.01
5	29-Oct	08:12:29	0.03
6	29-Oct	08:27:29	0.004
7	29-Oct	08:42:29	0.002
8	29-Oct	08:57:29	0
9	29-Oct	09:12:29	0
10	29-Oct	09:27:29	0
11	29-Oct	09:42:29	0
12	29-Oct	09:57:29	0
13	29-Oct	10:12:29	0.001
14	29-Oct	10:27:29	0
15	29-Oct	10:42:29	0
16	29-Oct	10:57:29	0
17	29-Oct	11:12:29	0.001
18	29-Oct	11:27:29	0
19	29-Oct	11:42:29	0
20	29-Oct	11:57:29	0
21	29-Oct	12:12:29	0.001
22	29-Oct	12:27:29	0.001
23	29-Oct	12:42:29	0.008
24	29-Oct	12:57:29	0
25	29-Oct	13:12:29	0
26	29-Oct	13:27:29	0.001
27	29-Oct	13:42:29	0
28	29-Oct	13:57:29	0.077
29	29-Oct	14:12:29	0.002
30	29-Oct	14:27:29	0
31	29-Oct	14:42:29	0
32	29-Oct	14:57:29	0
33	29-Oct	15:12:29	0
34	29-Oct	15:27:29	0
35	29-Oct	15:42:29	0
36	29-Oct	15:57:29	0
37	29-Oct	16:12:29	0
38	29-Oct	16:27:29	0

39	29-Oct	16:42:29	0
40	29-Oct	16:57:29	0
41	29-Oct	17:12:29	0
42	29-Oct	17:27:29	0
43	29-Oct	17:42:29	0
44	29-Oct	17:57:29	0
45	29-Oct	18:12:29	0
46	29-Oct	18:27:29	0
47	29-Oct	18:42:29	0
48	29-Oct	18:57:29	0
49	29-Oct	19:12:29	0
50	29-Oct	19:27:29	0
51	29-Oct	19:42:29	0
52	29-Oct	19:57:29	0
53	29-Oct	20:12:29	0
54	29-Oct	20:27:29	0
55	29-Oct	20:42:29	0
56	29-Oct	20:57:29	0
57	29-Oct	21:12:29	0
58	29-Oct	21:27:29	0
59	29-Oct	21:42:29	0
60	29-Oct	21:57:29	0
61	29-Oct	22:12:29	0
62	29-Oct	22:27:29	0
63	29-Oct	22:42:29	0
64	29-Oct	22:57:29	0
65	29-Oct	23:12:29	0
66	29-Oct	23:27:29	0
67	29-Oct	23:42:29	0
68	29-Oct	23:57:29	0
69	30-Oct	00:12:29	0
70	30-Oct	00:27:29	0
71	30-Oct	00:42:29	0
72	30-Oct	00:57:29	0
73	30-Oct	01:12:29	0
74	30-Oct	01:27:29	0
75	30-Oct	01:42:29	0

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