

Week of August 9, 2004

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

Daily Field Notes and Dust Monitoring

Date: August 9, 2004

Field Personnel: Jim Smith, BETA Group, Inc.

Time on Site: 6:30-15:00

Weather: AM- sunny, 60°

PM- sunny, 75°

Wind: AM- imperceptible

PM- slight, from NW

Summary of Activities Performed

WES Construction working with Charter Environmental to remove transite drain pipe from ground in easement near Summit Rd. Sections of pipe sealed upon removal, and stored in lined roll-off container for disposal. Container covered and left on site until remainder of drain pipe can be removed from Summit Road (pending road opening permit). WES also spreading loam along embankment areas, in preparation for hydro seeding. One truckload of tree stumps, roots, and branches removed from Site today.

No contaminated soil hauled from Site today.

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 .020 mg/m³ to .050 mg/m³ during the day.

Today's automatic dust monitoring logging data is identified as TAG # 50. The logging unit compiled average dust concentrations every fifteen minutes throughout the day. The fifteen-minute averages ranged between approximately 0.010 mg/m³-0.030 mg/m³. The overall average concentration for the day was 0.018 mg/m³.

pDR-1000 S/N: 00000
User ID: 04701
Tag Number: 50
Number of logged points: 30
Start time and date: 06:46:39 09-Aug
Elapsed time: 07:30:00
Logging period (sec): 900
Calibration Factor (%): 100
Max Display Concentration: 0.571 mg/m³
Time at maximum: 12:42:19 Aug 09
Max STEL Concentration: 0.040 mg/m³
Time at max STEL: 13:04:40 Aug 09
Overall Avg Conc: 0.018 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	9-Aug	07:01:39	0.017
2	9-Aug	07:16:39	0.01
3	9-Aug	07:31:39	0.01
4	9-Aug	07:46:39	0.015
5	9-Aug	08:01:39	0.015
6	9-Aug	08:16:39	0.021
7	9-Aug	08:31:39	0.017
8	9-Aug	08:46:39	0.018
9	9-Aug	09:01:39	0.019
10	9-Aug	09:16:39	0.018
11	9-Aug	09:31:39	0.017
12	9-Aug	09:46:39	0.018
13	9-Aug	10:01:39	0.017
14	9-Aug	10:16:39	0.018
15	9-Aug	10:31:39	0.017
16	9-Aug	10:46:39	0.017
17	9-Aug	11:01:39	0.016
18	9-Aug	11:16:39	0.02
19	9-Aug	11:31:39	0.014
20	9-Aug	11:46:39	0.014
21	9-Aug	12:01:39	0.019
22	9-Aug	12:16:39	0.011
23	9-Aug	12:31:39	0.011
24	9-Aug	12:46:39	0.031
25	9-Aug	13:01:39	0.03
26	9-Aug	13:16:39	0.028
27	9-Aug	13:31:39	0.019
28	9-Aug	13:46:39	0.014
29	9-Aug	14:01:39	0.021
30	9-Aug	14:16:39	0.022

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

Daily Field Notes and Dust Monitoring

Date: August 10, 2004

Field Personnel: Jim Smith, BETA Group, Inc.

Time on Site: 6:30-15:00

Weather: AM- sunny, 60°

PM- sunny, 80°

Wind: AM- imperceptible

PM- slight, from SW

Summary of Activities Performed

WES Construction loading contaminated soil from stockpile in AM, continuing to install drainage pipe near Summit Road after, and spreading loam along embankment areas throughout day, in preparation for hydro seeding.

Total of 3 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 .020 mg/m³ to .040 mg/m³ during the day.

Today's automatic dust monitoring logging data is identified as TAGs 51 and 52. The logging unit compiled average dust concentrations every fifteen minutes throughout the day. The fifteen-minute averages ranged between approximately 0.020 mg/m³ to 0.120 mg/m³ in the morning, and between 0.110 mg/m³ to 0.360 mg/m³ in the afternoon. The average concentration for the day was approximately 0.110 mg/m³. The logging unit was located in the vicinity of the drain line installation area near Summit Road, where the soils consisted primarily of clean, very fine silts. The fine silt grains are assumed to be the major source of the dust concentrations. Since the material is considered clean fill, the concentration are not expected to represent a concern.

pDR-1000 S/N: 00000

User ID: 04701

Tag Number: 51

Number of logged points: 15

Start time and date: 06:53:21 10-Aug

Elapsed time: 03:45:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 3.220 mg/m³

Time at maximum: 10:43:54 Aug 10

Max STEL Concentration: 0.166 mg/m³

Time at max STEL: 10:42:51 Aug 10

Overall Avg Conc: 0.055 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	10-Aug	07:08:21	0.029
2	10-Aug	07:23:21	0.028
3	10-Aug	07:38:21	0.027
4	10-Aug	07:53:21	0.029
5	10-Aug	08:08:21	0.028
6	10-Aug	08:23:21	0.03
7	10-Aug	08:38:21	0.036
8	10-Aug	08:53:21	0.034
9	10-Aug	09:08:21	0.031
10	10-Aug	09:23:21	0.057
11	10-Aug	09:38:21	0.045
12	10-Aug	09:53:21	0.123
13	10-Aug	10:08:21	0.078
14	10-Aug	10:23:21	0.051
15	10-Aug	10:38:21	0.135

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pDR-1000 S/N: 00000
User ID: 04701
Tag Number: 52
Number of logged points: 9
Start time and date: 10:46:52 10-Aug
Elapsed time: 02:15:00
Logging period (sec): 900
Calibration Factor (%): 100
Max Display Concentration: 3.929 mg/m³
Time at maximum: 13:00:32 Aug 10
Max STEL Concentration: 0.397 mg/m³
Time at max STEL: 12:15:52 Aug 10
Overall Avg Conc: 0.175 mg/m³

Logged Data:

Point	Date	Time	Avg.(mg/m ³)
1	10-Aug	11:01:52	0.133
2	10-Aug	11:16:52	0.123
3	10-Aug	11:31:52	0.136
4	10-Aug	11:46:52	0.141
5	10-Aug	12:01:52	0.236
6	10-Aug	12:16:52	0.368
7	10-Aug	12:31:52	0.178
8	10-Aug	12:46:52	0.111
9	10-Aug	13:01:52	0.206

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

Daily Field Notes and Dust Monitoring

Date: August 11, 2004

Field Personnel: Eric Olson, BETA Group, Inc.

Time on Site: 6:23-14:35

Weather: AM- partly cloudy, mist, 70's° PM- partly cloudy, muggy, 70's°

Wind: AM- steady from N

PM- steady from N

Summary of Activities Performed

WES Construction spent the day stabilizing the NW slope and adding clean fill between the northern corner and the Auburn St. easement.

McCoy Fence is onsite.

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 0.010 mg/m³ to 0.070 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.

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

Daily Field Notes and Dust Monitoring

Date: August 12, 2004

Field Personnel: Eric Olson, BETA Group, Inc.

Time on Site: 6:33-14:30

Weather: AM- partly cloudy, 70°s, then rain PM- rain, 70°s

Wind: AM- from N PM- from N

Summary of Activities Performed

WES Construction continuing slope stabilization and installing warning barrier. Topsoil was applied on top of the warning barrier. Additional work continued in the area where the utility easement abuts Auburn Street.

Contaminated soil was not hauled off-site today.

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 .010 mg/m³ to .076 mg/m³ during the day.

The logging unit was not used due to rainy conditions.

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

Daily Field Notes and Dust Monitoring

Date: August 13, 2004

Field Personnel: Christian Alarie, BETA Group, Inc.

Time on Site: 6:55-14:55

Weather: AM- (7 am) Foggy, Breezy, 69° PM- Breezy, Overcast, Rainy 70°
(10:30 am) Sunny, Humid, 80°

Wind: AM- Moderate, South to North PM- same

Summary of Activities Performed

WES Construction spent the day moving fill material (sand & gravel), staking out the northern corridor, installing an exclusion zone fence in the northern corridor and excavating soil in Q-38 of the utility corridor to make the sewer connection to Hathaway Boulevard. WES also excavated clean roadway fill to lay the pipe for the sewer connection. Once WES laid the sewer pipe to Hathaway Boulevard they began placing and compacting clean fill back in Q-38. Prior to leaving the site WES installed a steel plate over the excavation area located along the sidewalk and in Hathaway Boulevard.

The McCoy Fencing Company worked on installing the chain link fence along the embankment sections.

No contaminated soil was removed or excavated today

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 approximately $.065 \text{ mg/m}^3$ during the day.

Due to a memory malfunction, data was lost from the datalogger and could not be printed out.

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

Daily Field Notes and Dust Monitoring

Date: August 14, 2004

Field Personnel: Jim Smith, BETA Group, Inc.

Time on Site: 6:30-15:00

Weather: AM- sunny, 70°

PM- sunny, 80°

Wind: AM- slight, from NW

PM- same

Summary of Activities Performed

WES Construction spent the day (Saturday, limited crew) connecting drain line to drain manhole in Hathaway Blvd. WES excavated clean roadway fill and concrete drain line stubb, installed shoring, laid pipe, and backfilled with crushed stone to await inspection from City. Installed steel plate over excavation area at end of day.

No soil was removed from the Site today.

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 approximately $.020 \text{ mg/m}^3$ during the day.

Automatic dust monitoring logging data was not collected today, as it appears that excess water infiltrated the logging unit on August 13th, and the unit is still somewhat wet. I dried the unit as best I could, and set the unit out in the trailer for the remainder of the weekend, to dry out more. A lack of logging data for today is not considered significant, based on minimal dust generation activities.