

**Week of November 29, 2004**







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

## Daily Field Notes and Summary of Dust Monitoring Activities

Date: 11/29/04 BETA Representative: James Smith

Time of Arrival: 6:30 Time of Departure: \_\_\_\_\_

Weather: AM- sunny, 40° PM- \_\_\_\_\_

Wind: AM- slight, from S PM- \_\_\_\_\_

<u>Contractors on Site</u>	<u>Description of Activities</u>
<u>WES Construction</u>	<u>excavation, surveying, grading pile caps, water line tap</u>
<u>NEED</u>	<u>- cutting pile caps</u>

<u>Visitors to Site</u>	<u>Purpose of Visit</u>
<u>Paul Latore - WETT</u>	<u>on-site supervision</u>

### Summary of Site Activities Performed (by BETA and by Contractors)

- WES excavating, grading, and surveying in areas of pile caps
- excavated soil transported to stockpile in NW corner of site for off-site management
- WES also tapping into water main on Summit Rd. today
- will test tomorrow
- total of 6 loads of soil hauled from site today
- all < 50 ppm PCBs

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Date: 11/29/84

BETA Representative: James Smith

Summary of Site Activities Performed (continued)

- WES continuing to assemble south detention basin in PM

left site @ 13:30

Comments:

Summary of Dust Monitoring Results

- both dust monitoring units calibrated ok.  
logging unit #05037 ran from 7:00 - 13:30  
- TAG #24 and 25

Manual unit - readings averaged  $\approx .010$  for the entire day  
- rain last night, ground very wet

Comments

pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 24

Number of logged points: 14

Start time and date: 07:58:48 29-Nov

Elapsed time: 03:30:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.273 mg/m<sup>3</sup>

Time at maximum: 08:24:33 Nov 29

Max STEL Concentration: 0.025 mg/m<sup>3</sup>

Time at max STEL: 08:25:48 Nov 29

Overall Avg Conc: 0.008 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg.(mg/m <sup>3</sup> )
1	29-Nov	08:13:48	0.016
2	29-Nov	08:28:48	0.02
3	29-Nov	08:43:48	0.021
4	29-Nov	08:58:48	0.011
5	29-Nov	09:13:48	0.008
6	29-Nov	09:28:48	0.006
7	29-Nov	09:43:48	0.005
8	29-Nov	09:58:48	0.006
9	29-Nov	10:13:48	0.008
10	29-Nov	10:28:48	0.006
11	29-Nov	10:43:48	0.004
12	29-Nov	10:58:48	0.004
13	29-Nov	11:13:48	0.004
14	29-Nov	11:28:48	0.006

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pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 25

Number of logged points: 9

Start time and date: 12:38:44 29-Nov

Elapsed time: 02:15:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.088 mg/m<sup>3</sup>

Time at maximum: 14:16:05 Nov 29

Max STEL Concentration: 0.018 mg/m<sup>3</sup>

Time at max STEL: 13:11:14 Nov 29

Overall Avg Conc: 0.010 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg.(mg/m <sup>3</sup> )
1	29-Nov	12:53:44	0.011
2	29-Nov	13:08:44	0.016
3	29-Nov	13:23:44	0.015
4	29-Nov	13:38:44	0.012
5	29-Nov	13:53:44	0.009
6	29-Nov	14:08:44	0.008
7	29-Nov	14:23:44	0.013
8	29-Nov	14:38:44	0.009
9	29-Nov	14:53:44	0.01

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

## Daily Field Notes and Summary of Dust Monitoring Activities

Date: 11/30/04 BETA Representative: James Smith

Time of Arrival: 6:30 Time of Departure: 14:50

Weather: AM- partly cloudy PM- mostly cloudy

Wind: AM- slight, from N PM- slight, from N

<u>Contractors on Site</u>	<u>Description of Activities</u>
<u>WES Construction</u>	<u>excavation, grading</u>
<u>South Shore Pipeline</u>	<u>testing water main tap</u>
<u>NEPD</u>	<u>cutting pile caps</u>

<u>Visitors to Site</u>	<u>Purpose of Visit</u>
<u>Lawrence Olivera</u>	} <u>press conference, NBDT</u>
<u>Alan Hanscom</u>	

### Summary of Site Activities Performed (by BETA and by Contractors)

WES excavating soil around pile caps today (PC-74, PC-75, PC-56, 57, 66, 67, PC-49)

South shore Pipeline on site to test new water line connected at site

Total of 2 loads of soil shipped from site today

\* Press conference held across Hathaway Blvd at 10:00. Brian Wadley and others present, awarded the site for being toxic.

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Date: 11/20/04

BETA Representative: James Smith

Summary of Site Activities Performed (continued)

\* WES also continuing to install pipes in south detention basin, backfilling with stone

Comments:

Summary of Dust Monitoring Results

\* both units calibrated and ran ok today

logging unit ran from 7:00 - 14:00, TAG#1

Manual unit readings averaged .010 - .026 mg/m<sup>3</sup> during day

Comments

pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 01

Number of logged points: 27

Start time and date: 07:57:40 30-Nov

Elapsed time: 06:45:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.199 mg/m<sup>3</sup>

Time at maximum: 12:33:07 Nov 30

Max STEL Concentration: 0.030 mg/m<sup>3</sup>

Time at max STEL: 12:41:10 Nov 30

Overall Avg Conc: 0.014 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg.(mg/m <sup>3</sup> )
1	30-Nov	08:12:40	0.006
2	30-Nov	08:27:40	0.01
3	30-Nov	08:42:40	0.014
4	30-Nov	08:57:40	0.014
5	30-Nov	09:12:40	0.015
6	30-Nov	09:27:40	0.018
7	30-Nov	09:42:40	0.018
8	30-Nov	09:57:40	0.017
9	30-Nov	10:12:40	0.015
10	30-Nov	10:27:40	0.014
11	30-Nov	10:42:40	0.019
12	30-Nov	10:57:40	0.015
13	30-Nov	11:12:40	0.01
14	30-Nov	11:27:40	0.01
15	30-Nov	11:42:40	0.014
16	30-Nov	11:57:40	0.016
17	30-Nov	12:12:40	0.007
18	30-Nov	12:27:40	0.018
19	30-Nov	12:42:40	0.028
20	30-Nov	12:57:40	0.023
21	30-Nov	13:12:40	0.015
22	30-Nov	13:27:40	0.007
23	30-Nov	13:42:40	0.019
24	30-Nov	13:57:40	0.013
25	30-Nov	14:12:40	0.005
26	30-Nov	14:27:40	0.006
27	30-Nov	14:42:40	0.007

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Date: \_\_\_\_\_

BETA Representative: CHRIS WALKER (EST)

Summary of Site Activities Performed (continued)

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Comments:

RAIN BEGAN - 0615,  
CONTINUED THROUGHOUT DAY  
GAINING IN INTENSITY  
HIGH WIND

Summary of Dust Monitoring Results

RAINED THROUGHOUT DAY  
DUST SAMPLERS NOT USED  
TO AVOID DAMAGE  
NO DUST RISKS

Comments

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pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 02

Number of logged points: 26

Start time and date: 08:13:17 02-Dec

Elapsed time: 06:30:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.283 mg/m<sup>3</sup>

Time at maximum: 08:25:00 Dec 02

Max STEL Concentration: 0.014 mg/m<sup>3</sup>

Time at max STEL: 08:26:47 Dec 02

Overall Avg Conc: 0.005 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg.(mg/m <sup>3</sup> )
1	2-Dec	08:28:17	0.015
2	2-Dec	08:43:17	0.007
3	2-Dec	08:58:17	0.005
4	2-Dec	09:13:17	0.004
5	2-Dec	09:28:17	0.005
6	2-Dec	09:43:17	0.007
7	2-Dec	09:58:17	0.006
8	2-Dec	10:13:17	0.004
9	2-Dec	10:28:17	0.003
10	2-Dec	10:43:17	0.005
11	2-Dec	10:58:17	0.005
12	2-Dec	11:13:17	0.005
13	2-Dec	11:28:17	0.006
14	2-Dec	11:43:17	0.005
15	2-Dec	11:58:17	0.007
16	2-Dec	12:13:17	0.006
17	2-Dec	12:28:17	0.005
18	2-Dec	12:43:17	0.004
19	2-Dec	12:58:17	0.005
20	2-Dec	13:13:17	0.003
21	2-Dec	13:28:17	0.003
22	2-Dec	13:43:17	0.003
23	2-Dec	13:58:17	0.006
24	2-Dec	14:13:17	0.005
25	2-Dec	14:28:17	0.005
26	2-Dec	14:43:17	0.005

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pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 03

Number of logged points: 4

Start time and date: 16:07:59 02-Dec

Elapsed time: 01:00:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.466 mg/m<sup>3</sup>

Time at maximum: 17:11:39 Dec 02

Max STEL Concentration: 0.018 mg/m<sup>3</sup>

Time at max STEL: 16:23:00 Dec 02

Overall Avg Conc: 0.016 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg.(mg/m <sup>3</sup> )
1	2-Dec	16:22:59	0.018
2	2-Dec	16:37:59	0.016
3	2-Dec	16:52:59	0.013
4	2-Dec	17:07:59	0.012

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

## Daily Field Notes and Summary of Dust Monitoring Activities

Date: 12/3/04 BETA Representative: James Smith

Time of Arrival: 6:20 Time of Departure: 14:45

Weather: AM- cloudy, 35°-40° PM- Sunny, 40°-45°

Wind: AM- slight, from N PM- moderate, from N

<u>Contractors on Site</u>	<u>Description of Activities</u>
<u>WBS Construction</u>	<u>loading cont. soil, excavation, detention basin construction</u>
<u>TDS Drilling</u>	<u>soil borings</u>

<u>Visitors to Site</u>	<u>Purpose of Visit</u>
<u>Paul Carose, ME&amp;T</u>	<u>oversight</u>
<u>Barbara Markley, BETA</u>	<u>soil borings oversight</u>

### Summary of Site Activities Performed (by BETA and by Contractors)

WBS loading contaminated soil in AM  
- also continuing excavation activities in pile cap areas  
- also continuing installation in south detention basin area

total of 14 loads of contaminated soil hauled from site today (see log p. 6)

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Date: 12/3/04

BETA Representative: James Smith

Summary of Site Activities Performed (continued)

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Comments:

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Summary of Dust Monitoring Results

- both dust monitoring units calibrated OK in AM
- logging unit 05037 started @ 7:05
- showers began in AM (8:30), removed logging unit and put in trailer @ 9:20
- turned off @ 9:55
- manual monitoring - average concentration of .030-.040 mg/m<sup>3</sup> in AM
- stopped monitoring @ 10:00 while rain continued
- continued manual dust monitoring in PM - avg. conc. .010-.020 mg/m<sup>3</sup>
- \* did not resume automatic logging.

Comments

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pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 04

Number of logged points: 11

Start time and date: 08:00:13 03-Dec

Elapsed time: 02:45:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.148 mg/m<sup>3</sup>

Time at maximum: 10:19:53 Dec 03

Max STEL Concentration: 0.066 mg/m<sup>3</sup>

Time at max STEL: 08:50:13 Dec 03

Overall Avg Conc: 0.034 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg.(mg/m <sup>3</sup> )
1	3-Dec	08:15:13	0.024
2	3-Dec	08:30:13	0.036
3	3-Dec	08:45:13	0.059
4	3-Dec	09:00:13	0.06
5	3-Dec	09:15:13	0.056
6	3-Dec	09:30:13	0.051
7	3-Dec	09:45:13	0.049
8	3-Dec	10:00:13	0.032
9	3-Dec	10:15:13	0.033
10	3-Dec	10:30:13	0.01
11	3-Dec	10:45:13	0.001

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

## Daily Field Notes and Summary of Dust Monitoring Activities

Date: 12/4/04 BETA Representative: CAROL WILKINSON

Time of Arrival: 0630 Time of Departure: 1430

Weather: AM- SUN, 30° PM- SUN 40°

Wind: AM- SLIGHT-N PM- SLIGHT-S

<u>Contractors on Site</u>	<u>Description of Activities</u>
<u>WES Construction</u>	<u>EXCAVATION OF PCS</u>
<u>NO OTHERS</u>	<u>9 TRUCKS LOADED W/ &lt; 50 PCS MATERIAL</u>
	<u>SDS GRAVEL WORK ONGOING</u>

<u>Visitors to Site</u>	<u>Purpose of Visit</u>
<u>NONE</u>	<u>N/A</u>

### Summary of Site Activities Performed (by BETA and by Contractors)

STATIONARY DUST TRAC SETUP — 01050  
DUST READINGS RECORDED EVERY 15 MINS — ABC —  
DURING TRUCK ACTIVITY/LOADUP  
THEN EVERY 30 MIN THEREAFTER  
DUST TRAC HAD TO BE RECAL'D, DIDN'T TRUST READINGS  
BOTH CAL-BAGS HAVE TEARS IN THEM AND ONE  
HAS NO ZIPPER, — SHOULD BE ADDRESSED  
GOLD MOST LIKELY WEAKENS BAG JOINTS ALLOWING TEAR

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Date: 12/4/04

BETA Representative: CHRIS WALEN

Summary of Site Activities Performed (continued)

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Comments:

PCS 38, 40, 41, 12, 11, 14 EXCAVATED AND SOIL STOCKPILED  
IN VARYING STATES OF COMPLETION

Summary of Dust Monitoring Results

	<u>HIGH</u>	<u>LOW</u>
<u>A</u>	<u>.052</u>	<u>.002</u>
<u>B</u>	<u>.034</u>	<u>.002</u>
<u>C</u>	<u>.033</u>	<u>.002</u>

Comments

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pDR-1000 S/N: 04870

User ID: 05037

Tag Number: 05

Number of logged points: 30

Start time and date: 07:35:52 04-Dec

Elapsed time: 07:30:00

Logging period (sec): 900

Calibration Factor (%): 100

Max Display Concentration: 0.202 mg/m<sup>3</sup>

Time at maximum: 14:58:41 Dec 04

Max STEL Concentration: 0.015 mg/m<sup>3</sup>

Time at max STEL: 07:51:22 Dec 04

Overall Avg Conc: 0.005 mg/m<sup>3</sup>

Logged Data:

Point	Date	Time	Avg.(mg/m <sup>3</sup> )
1	4-Dec	07:50:52	0.014
2	4-Dec	08:05:52	0.009
3	4-Dec	08:20:52	0.006
4	4-Dec	08:35:52	0.005
5	4-Dec	08:50:52	0.006
6	4-Dec	09:05:52	0.006
7	4-Dec	09:20:52	0.008
8	4-Dec	09:35:52	0.009
9	4-Dec	09:50:52	0.005
10	4-Dec	10:05:52	0.008
11	4-Dec	10:20:52	0.006
12	4-Dec	10:35:52	0.007
13	4-Dec	10:50:52	0.005
14	4-Dec	11:05:52	0.005
15	4-Dec	11:20:52	0.006
16	4-Dec	11:35:52	0.006
17	4-Dec	11:50:52	0.005
18	4-Dec	12:05:52	0.004
19	4-Dec	12:20:52	0.004
20	4-Dec	12:35:52	0.004
21	4-Dec	12:50:52	0.004
22	4-Dec	13:05:52	0.005
23	4-Dec	13:20:52	0.004
24	4-Dec	13:35:52	0.003
25	4-Dec	13:50:52	0.003
26	4-Dec	14:05:52	0.003
27	4-Dec	14:20:52	0.004
28	4-Dec	14:35:52	0.003
29	4-Dec	14:50:52	0.003
30	4-Dec	15:05:52	0.009

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