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(937) 259-5000 tel • LJB Inc. • (937) 259-5100 fax • ljbinc.com
3100 Research Blvd • PO Box 20246 • Dayton, OH 45420-0246

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October 18, 2005

Mr. Raymond Bauman
Bureau of Underground Storage Tank Regulations
6606 Tussing Road
P.O. Box 687
Reynoldsburg, Ohio 43068-9009

Re: Remedial Action Monitoring Letter Report **(Incident No. 579286-00)**
DP&L Transportation Center
Dryden Road, Dayton, Ohio

Dear Mr. Bauman,

The Site is located at the DP&L Transportation Center on Dryden Road in Dayton, Ohio. Recent remedial activities associated with an earlier UST release (incident number 579286-00) began at this Site in August 2004. The remedial activity consists of a bio-sparge system operating in three shallow monitoring wells; GW-1, MW-2, and GW-4. Groundwater monitoring activities have been conducted quarterly at wells GW-5, GW-6, GW-7, and GW-8 since the system became operational.

Water levels and a summary table of the analytical data are included in Tables 1 through 5. The laboratory analytical data sheets are attached to this letter report. Water levels are also illustrated in Figure 1.

Based on the 2004 and 2005 sampling/analysis events the remaining groundwater contaminant at the Site is benzene. Toluene and total xylenes have been reduced to below corrective action levels and ethylbenzene levels are slightly above the corrective action level (700 µg/l). Figure 2 illustrates the reduction in benzene levels through time. Based on this data, the levels of benzene are decreasing, but remain above the action level of 5 µg/l.

If you any questions and/or need additional information regarding the remedial activities at this site, please feel free to call me anytime at (937) 259-5163. Thank you for your patience in this matter.

Sincerely,
LJB, Inc.

Edward A. Council, PG
Senior Geologist/Project Manager

Table 1. Groundwater Elevation Data

Well ID	Ref. Elev.	8/9/2004	1/7/2005	3/28/2005	8/9/2005
MW-3	734.07	25.83	23.07	24.48	26.99
MW-1	733.31	28.73	23.08	23.67	26.15
GW-3	733.90	Not Accessible	22.48	24.26	26.72
GW-1	733.34	24.92	Not Measured	Not Measured	Not Measured
MW-2	733.37	25.15	Water Filled	Not Measured	Not Measured
GW-4	732.56	25.87	Water Filled	Not Measured	Not Measured
GW-5	732.83	28.40	22.01	23.31	25.81
GW-6	732.77	28.35	21.95	23.29	25.75
GW-2	733.64	29.19	Water Filled	24.16	26.58
GW-8	733.24	28.84	22.49	23.8	26.24
GW-7	733.24	28.85	22.65	23.85	26.27

Well ID	Ref. Elev.	8/9/2004	1/7/2005	3/28/2005	8/9/2005
MW-3	734.07	708.24	711.00	709.59	707.08
MW-1	733.31	704.58	710.23	709.64	707.16
GW-3	733.90	Not Accessible	711.42	709.64	707.18
GW-1	733.34	708.42	Not Measured	Not Measured	Not Measured
MW-2	733.37	708.22	Water Filled	Not Measured	Not Measured
GW-4	732.56	706.69	Water Filled	Not Measured	Not Measured
GW-5	732.83	704.43	710.82	709.52	707.02
GW-6	732.77	704.42	710.82	709.48	707.02
GW-2	733.64	704.45	Water Filled	709.48	707.06
GW-8	733.24	704.40	710.75	709.44	707.00
GW-7	733.24	704.39	710.59	709.39	706.97

1. Treatment system wells were not measured after September 2004 due to measurement errors associated with bio-sparge piping coated with condensate.
2. A parked vehicle prevented access to GW-3 during August 2004 sampling.

Table 2. Benzene Concentrations in Performance Wells (in µg/l)

DATE	GW-5	GW-6	GW-7	GW-8	Sum of 4 wells
7/27/94	6,000	45,000	BDL	BDL	51,000
8/26/94	15,000	5,000	BDL	BDL	20,000
11/9/94	13,400	2,320	BDL	45	15,765
8/21/95	45	68	4	3	120
12/26/95	6,300	1,600	BDL	14	7,914
3/1/96	1,200	310	BDL	24	1,534
5/29/96	121	76	BDL	6	203
7/11/96	3,800	930	12	27	4,769
10/22/96	6,000	1,100	19	12	7,131
1/28/97	BDL	BDL	BDL	BDL	BDL
4/28/97	2,000	1,200	12	30	3,242
7/10/97	1,800	764	BDL	17	2,581
10/23/97	5,400	935	BDL	BDL	6,335
3/6/98	42	9,730	7	10	9,789
4/22/98	13	16	BDL	1	30
8/31/98	2,450	630	BDL	BDL	3,080
10/22/98	2,800	550	BDL	BDL	3,350
2/5/99	8	9	BDL	BDL	17
4/28/99	26	106	BDL	3	135
7/29/99	3,910	657	BDL	8	4,575
10/29/99	3,850	571	BDL	7	4,428
1/28/00	462	561	BDL	5	1,028
4/24/00	17	102	BDL	BDL	119
7/31/00	6,030	842	BDL	13	6,885
10/20/00	272	351	BDL	7	630
1/17/01	60	889	BDL	3	952
8/9/04	2,500	730	BDL	8	3,238
1/7/05	48	42	BDL	BDL	90
3/28/05	1,800	430	BDL	BDL	2,230
8/9/2005	1,200	580	Sample Destroyed	BDL	1,780

1. The site action level for benzene is 5 µg/l.

Table 3. Toluene Concentrations in Performance Wells (in µg/l)

DATE	GW-5	GW-6	GW-7	GW-8	Sum of 4 wells
7/27/94	38,000	100,000	BDL	BDL	138,000
8/26/94	26,000	22,000	BDL	BDL	48,000
11/9/94	20,500	9,630	BDL	BDL	30,130
8/21/95	15	71	BDL	BDL	86
12/26/95	3,400	3,700	BDL	2	7,102
3/1/96	730	560	BDL	5	1,295
5/29/96	BDL	164	3	4	171
7/11/96	820	2,500	20	7	3,347
10/22/96	3,000	3,600	33	10	6,643
1/28/97	BDL	5	BDL	BDL	5
4/28/97	76	1,600	16	6	1,698
7/10/97	171	1,790	BDL	BDL	1,961
10/23/97	774	2,490	BDL	BDL	3,264
3/6/98	3	1,270	18	3	1,294
4/22/98	BDL	BDL	BDL	BDL	BDL
8/31/98	280	1,200	BDL	BDL	1,480
10/22/98	400	1,400	BDL	BDL	1,800
2/5/99	BDL	BDL	BDL	BDL	BDL
4/28/99	BDL	93	BDL	BDL	93
7/29/99	166	1,070	BDL	BDL	1,236
10/29/99	138	827	BDL	BDL	965
1/28/00	BDL	331	BDL	BDL	331
4/24/00	BDL	54	BDL	BDL	54
7/31/00	BDL	987	BDL	BDL	987
10/20/00	15	237	BDL	BDL	252
1/17/01	BDL	631	BDL	BDL	631
8/9/04	45	130	BDL	BDL	175
1/7/05	BDL	7	BDL	BDL	7
3/28/05	BDL	62	BDL	BDL	62
8/9/2005	36	140	Sample Destroyed	BDL	176

1. The site action level for toluene is 2,000 µg/l.

Table 4. Ethylbenzene Concentrations in Performance Wells (in μg/l)

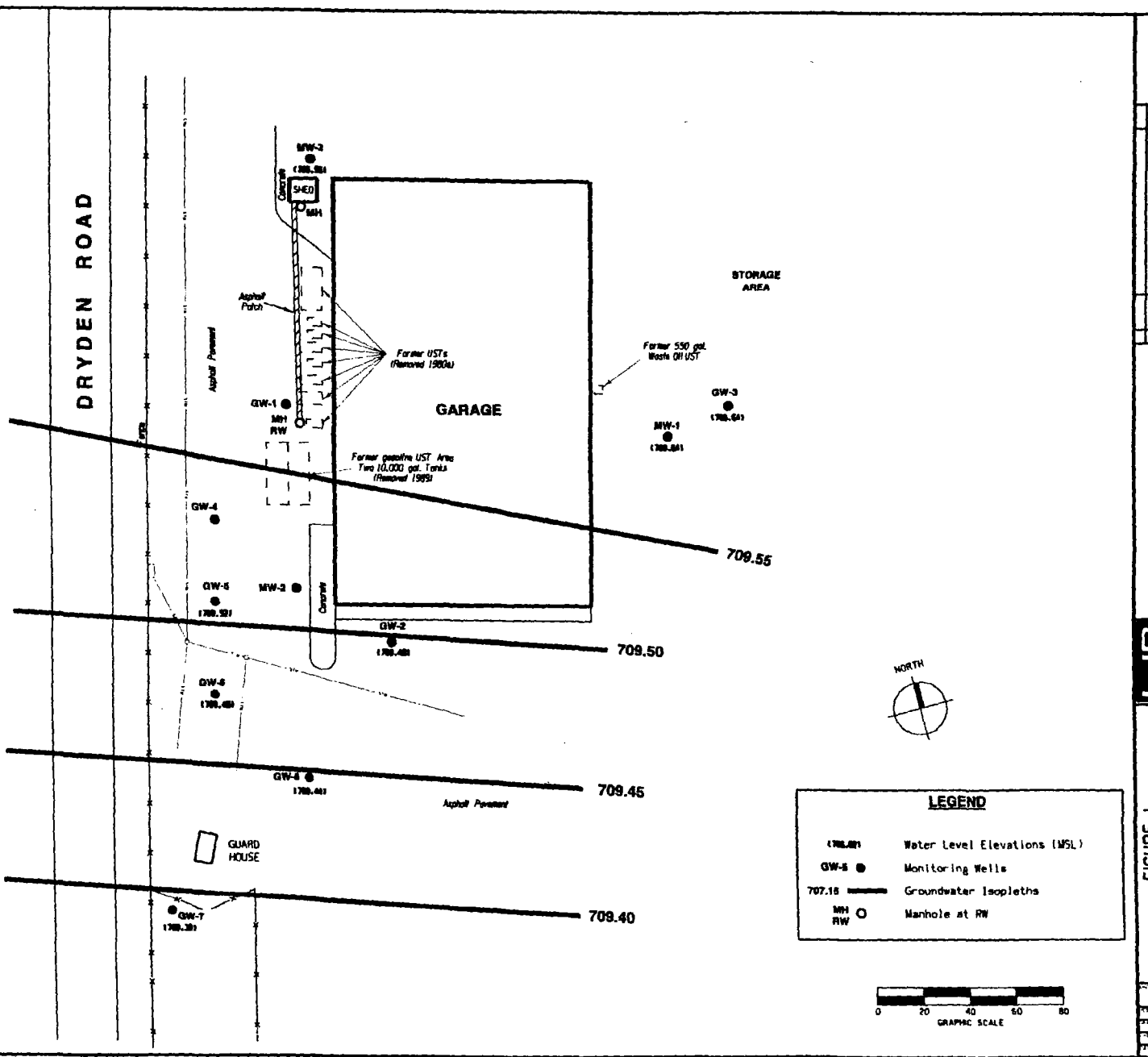
DATE	GW-5	GW-6	GW-7	GW-8	Sum of 4 wells
7/27/94	25,000	100,000	BDL	BDL	125,000
8/26/94	8,000	23,000	BDL	BDL	31,000
11/9/94	2,430	3,140	BDL	658	6,228
8/21/95	8	18	BDL	BDL	26
12/26/95	1,200	1,400	BDL	2	2,602
3/1/96	450	250	BDL	4	704
5/29/96	33	103	BDL	4	140
7/11/96	410	1,400	11	30	1,851
10/22/96	2,200	2,700	11	7	4,918
1/28/97	25	3	BDL	BDL	28
4/28/97	160	1,200	9	10	1,379
7/10/97	218	1,540	BDL	6	1,764
10/23/97	2,060	2,810	BDL	70	4,940
3/6/98	22	1,110	10	6	1,148
4/22/98	5	30	BDL	BDL	35
8/31/98	930	1,600	BDL	6	2,536
10/22/98	1,600	2,000	BDL	BDL	3,600
2/5/99	50	8	BDL	BDL	58
4/28/99	1	179	BDL	8	188
7/29/99	779	2,190	BDL	47	3,016
10/29/99	902	2,020	BDL	BDL	2,922
1/28/00	29	1,050	BDL	BDL	1,079
4/24/00	BDL	101	BDL	BDL	101
7/31/00	97	1,830	BDL	20	1,947
10/20/00	29	581	BDL	0	610
1/17/01	BDL	894	BDL	BDL	894
8/9/04	81	2,200	BDL	BDL	2,281
1/7/05	BDL	140	BDL	BDL	140
3/28/05	7	710	BDL	BDL	717
8/9/2005	450	2,600	Sample Destroyed	BDL	3,050

1. The site action level for ethylbenzene is 700 μg/l.

Table 5. Total Xylenes Concentrations in Performance Wells (in µg/l)

DATE	GW-5	GW-6	GW-7	GW-8	Sum of 4 wells
7/27/94	100,000	438,000	BDL	BDL	538,000
8/26/94	25,000	52,000	BDL	5	77,005
11/9/94	13,000	16,000	BDL	3,130	32,130
8/21/95	124	269	11	BDL	404
12/26/95	5,500	7,900	BDL	3	13,403
3/1/96	1,400	1,200	4	10	2,614
5/29/96	77	483	9	15	584
7/11/96	1,300	7,000	57	29	8,386
10/22/96	5,800	14,000	44	20	19,864
1/28/97	49	12	4	3	68
4/28/97	210	5,900	48	31	6,189
7/10/97	253	7,580	BDL	11	7,844
10/23/97	3,890	14,100	BDL	92	18,082
3/6/98	20	6,570	55	28	6,673
4/22/98	2	124	BDL	1	127
8/31/98	1,200	8,400	BDL	11	9,611
10/22/98	2,100	9,700	BDL	9	11,809
2/5/99	74	19	BDL	BDL	93
4/28/99	3	768	BDL	15	786
7/29/99	943	10,900	BDL	96	11,939
10/29/99	1,300	10,300	BDL	18	11,618
1/28/00	37	4,850	BDL	4	4,891
4/24/00	BDL	400	BDL	BDL	400
7/31/00	86	10,700	BDL	8	10,794
10/20/00	56	2,540	BDL	2	2,598
1/17/01	BDL	4,020	BDL	BDL	4,020
8/9/04	355	3,430	BDL	BDL	3,785
1/7/05	BDL	110	BDL	BDL	110
3/28/05	BDL	1,949	BDL	BDL	1,949
8/9/2005	360	6,830	Sample Destroyed	BDL	7,190

1. The site action level for total xylenes is 10,000 µg/l.



DAYTON POWER & LIGHT COMPANY
ORYDEN ROAD SERVICE CENTER

LJB

FIGURE 1
REPRESENTATIVE GROUNDWATER CONTOUR MAP (3/28/05)

GROUNDWATER CONTOUR MAP
EAC
EAC
10-07-05
A04
ENNSBOT

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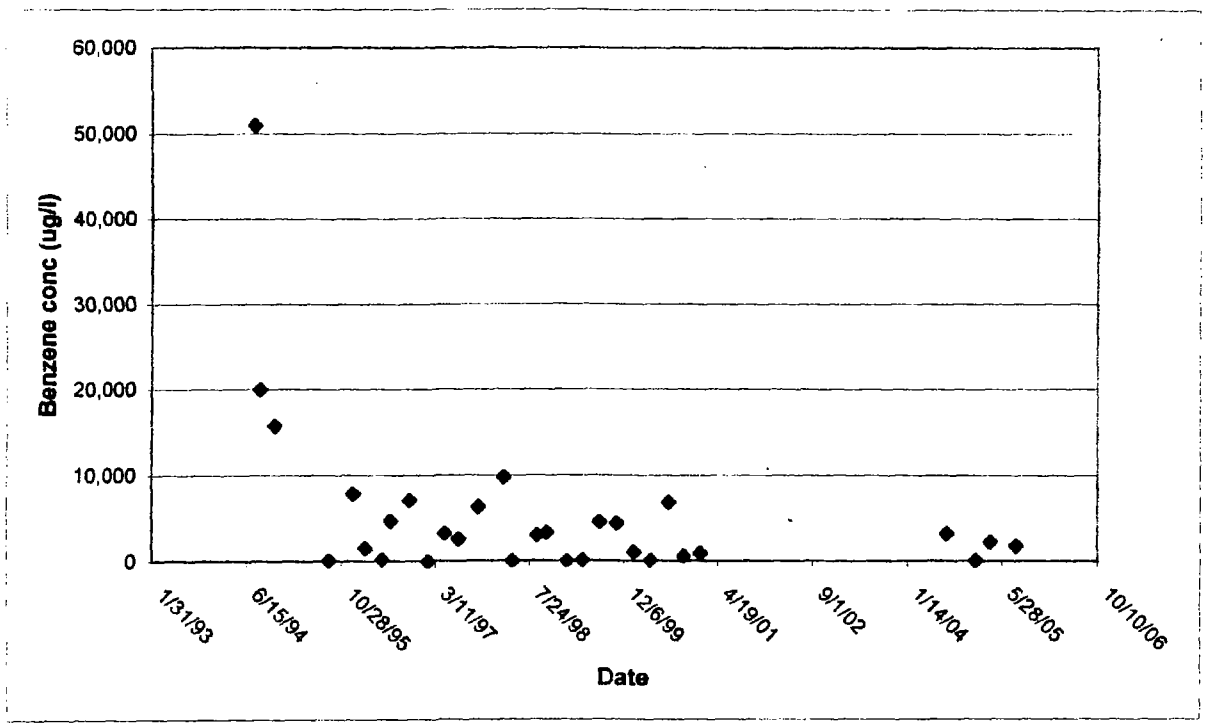
Figure 2. Cumulative Benzene Levels in the Four Treatment Wells; GW-5, GW-6, GW-7 & GW-8



Data in Figure 2 represents the sum of the benzene levels in all four of the performance wells (see column 6 Table 2).