

GW - 355

2012 AGWMR

June 2013



June 11, 2013

Mr. Glenn von Gonten
Environmental Bureau
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Report of 2012 Groundwater Remediation Activities
Bell Lake Plant Remediation Site
Transwestern Pipeline Company, LLC
Lea County, New Mexico
Case # GW-355

Dear Glenn,

Enclosed for your review is the annual Report of 2012 Groundwater Remediation Activities for the Bell Lake Plant remediation site. This report includes the results of groundwater monitoring and remediation work completed at the site during 2012.

If you have any questions or comments regarding the reports, please contact me at (281) 797-3420 or Larry Campbell at (575) 625-8022.

Sincerely,

George C. Robinson, PE
President/Principal Engineer

xc w/attachment:	Stacy Boultinghouse	Transwestern (San Antonio, TX)
	Larry Campbell	Transwestern (Roswell, NM)
	Geoffrey R Leking	NMOCD Hobbs District Office
	Steve Ikeda	New Mexico State Land Office

Report of 2012 Groundwater Remediation Activities

**Transwestern Pipeline Company, LLC
Bell Lake Gas Plant
Lea County, New Mexico**

CASE # GW-355

**Submitted to:
New Mexico Oil Conservation Division**

June 10, 2013

Prepared For:
Transwestern Pipeline Company
6381 North Main Street
Roswell, NM 88201

Prepared by:
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1. Introduction

The last report of groundwater remediation activities covered activities completed through December 2011. This report presents a summary of monitoring and remediation activities completed between January 2012 and December 2012.

2. Groundwater Monitoring Activities

2.1 Semi-Annual Groundwater Sampling Events

Two semi-annual groundwater sampling events have been completed during the reporting period. These events were completed in April 2012 and October 2012.

Prior to sampling, the depth to water, and the depth to hydrocarbon where phase-separated hydrocarbons (PSH) were present, was determined for each monitoring well. The measured depth to water and the corresponding water table elevation for each monitoring well is presented in Table 1.

In the course of each sample event, groundwater samples were collected from selected monitoring and soil vapor extraction (SVE) wells in accordance with the sampling analysis plan. In addition, groundwater samples were collected from the on-site water well. Samples were not collected from wells with accumulated PSH in the well casing. Groundwater samples were delivered to a laboratory for analysis for benzene, toluene, ethylbenzene, and xylene (BTEX) by EPA Method 8021B, selected metals by EPA Method 6010B, total dissolved solids (TDS) by SM 2540C, and chlorides by EPA Method 300.0.

A summary of laboratory results for BTEX constituents and field measured groundwater quality parameters (pH, temperature, electrical conductivity and dissolved oxygen) is presented in Table 2. A summary of laboratory results for inorganic constituents is presented in Table 3. A copy of the laboratory reports is included in Appendix G.

2.2 Results/Conclusions from Groundwater Sampling Events

2.2.1 *Occurrence and Direction of Groundwater Flow*

A water table elevation map based on measurements obtained in the course of the October 2012 sampling event is included as Figure 2. The apparent direction of groundwater flow is toward the southeast and is consistent with water table elevation maps previously developed for this site.

A hydrograph for selected monitoring wells with no accumulated PSH is included in Appendix A. The hydrograph presents a history of water table elevation change since depth to water measurements were first recorded at the site in 1993. It is apparent from the hydrograph that the water table elevation has fluctuated by less than about 0.5 feet during the recorded timeframe.

2.2.2 Lateral Extent of Phase Separated Hydrocarbon

During 2012, the lateral extent of PSH was defined by the occurrence of PSH in wells MW-4, SVE-3, and SVE-8. In addition, PSH occurred intermittently in wells SVE-1 and SVE-13. The thickness of accumulated PSH in wells is presented in Table 1 and in hydrographs presented in Appendix B.

The volume and lateral extent of PSH in the area appears to be relatively limited. The lateral distribution of PSH measured in wells in the course of the December 2012 sampling event is presented in Figure 3. Also indicated in Figure 3 is the estimated maximum extent of PSH measured at the site in December 1999. The current lateral extent of PSH covers a considerably smaller area than the estimated maximum extent indicating that the SVE system has effectively reduced the size of the impacted area.

The thickness of PSH accumulated in wells has decreased significantly since remediation efforts began in 1996. This is shown graphically in the hydrographs presented in Appendix B. The decrease in PSH thickness has been observed in all nine wells that had initially indicated PSH in the well casing. In recent years, a measurable thickness of PSH has persisted in just four wells; wells MW-4, SVE-3, SVE-8, and SVE-13. In October 2012, a sheen of PSH was measured in well MW-4, 0.01 feet of PSH in well SVE-3, 0.57 feet of PSH in well SVE-8, and no PSH in well SVE-13.

2.2.3 Condition of Affected Groundwater

Elevated concentrations of benzene, TDS, and chlorides continue to be the primary constituents of concern at the site. The lateral distribution of BTEX constituents dissolved in groundwater is presented in Figure 4. The lateral distribution of inorganic constituents dissolved in groundwater is presented in Figure 5.

Concentration history plots for benzene and pH at selected wells are included in Appendix C. Similarly, concentration history plots for TDS and chlorides at selected wells are included in Appendix D.

The condition of affected groundwater has not changed significantly from previous sampling events. Generally, over the previous six year period, benzene concentrations have been stable or declining at all well locations with one possible exception, at well MW-10. The benzene concentration at well MW-10 has increased slightly from 34 ug/L in December 2005 to 43 ug/L in April 2012.

Similarly, over the previous six year period, TDS concentrations have been stable or declining at all well locations with just one exception, at well MW-12. At well MW-12, the TDS concentration has increased from 860 mg/L in April 2005 to 2320 mg/L in December 2012. The TDS concentration at well MW-13, located at the downgradient toe of the plume, has remained relatively stable over the previous six year period.

3. Status of Remediation Activities

3.1 Remediation Activities Completed through December 2012

The following remediation activities were completed during the reporting period:

- 1) Operation of the SVE system is limited to the warmer weather months. Condensed water collecting in the SVE conveyance lines during cold weather made the system ineffective. The SVE system operated from July 3, 2012 through October 11, 2012.
- 2) Four vapor samples were collected from the SVE system during 2012. A summary of laboratory results for the SVE system is presented in Table 4. A concentration history plot for SVE vapor samples is included in Appendix E. It is apparent from the concentration history plot that the concentration of Volatile Organic Compounds (VOCs) has declined significantly since the remediation system was first placed in-service in June 1996. Laboratory results for SVE system samples also indicate that during 2012, the system was removing VOCs from the subsurface at an estimated rate of 25 gallons equivalent per month. A copy of the laboratory reports for SVE samples is included in Appendix F.

4. Proposed Modifications

4.1 Modifications to the Routine Groundwater Sampling Plan

Sampling location, frequency and the sampling analysis plan (SAP) will continue on a semi-annual basis. A summary of the sample analysis plan is presented in Table 6.

4.2 Modifications to the Remediation System

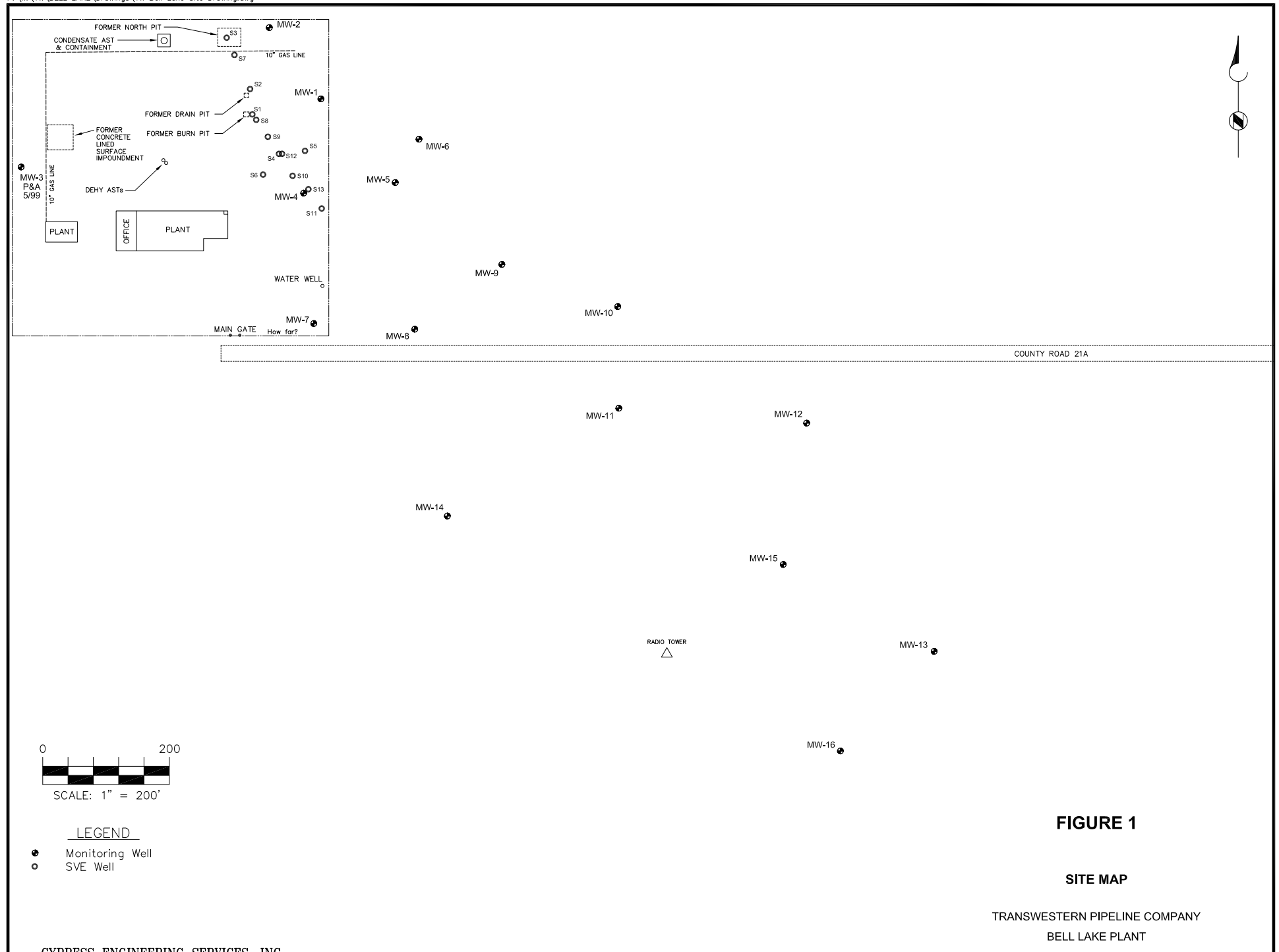
Transwestern does not plan to operate the SVE system during 2013. SVE system monitoring results have indicated that the VOC content in extracted vapor has declined from an initial high of 4,000 ug/L in January 1998 to a low of 140 ug/L in October 2012 (a 96% reduction in VOC content). A summary of SVE system monitoring results is presented in Table 4; and a concentration history plot for SVE system sample results is presented in Appendix E. During 2012, the estimated equivalent total liquid recovery rate was about 25 gallons per month; this is based on the average VOC content measured in 2012 of 210 ug/L and the system design extraction rate of 260 scfm. The low effective recovery rate indicates that operation of the SVE system is no longer an effective means for continued remediation at the site.

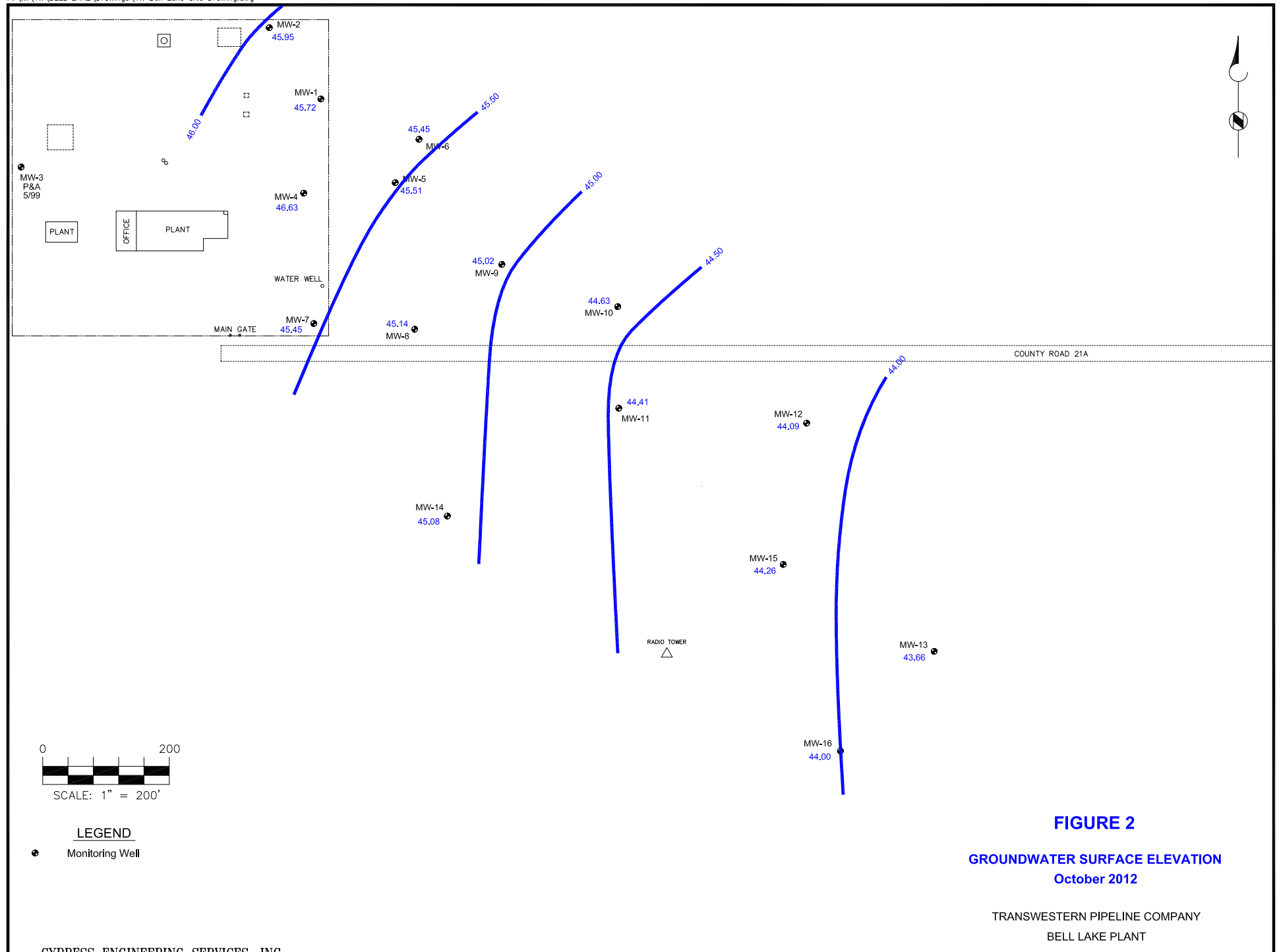
During 2013, Transwestern will continue to conduct semi-annual sampling to evaluate any rebound associated with not operating the SVE system. If warranted, the SVE system will be restarted. Any changes in planned operation of the system will be presented in the next annual groundwater report.

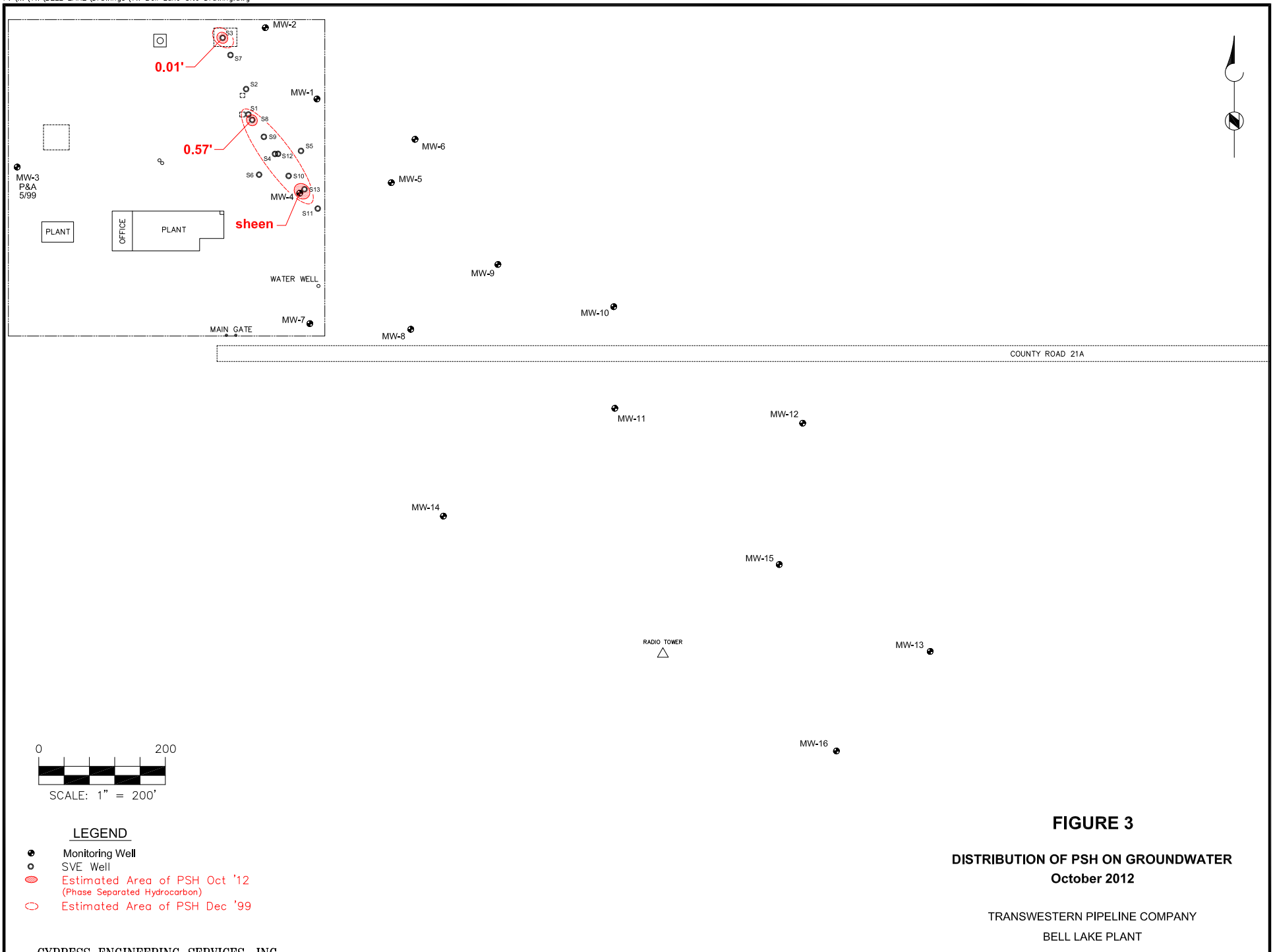
4.3 Reporting Frequency

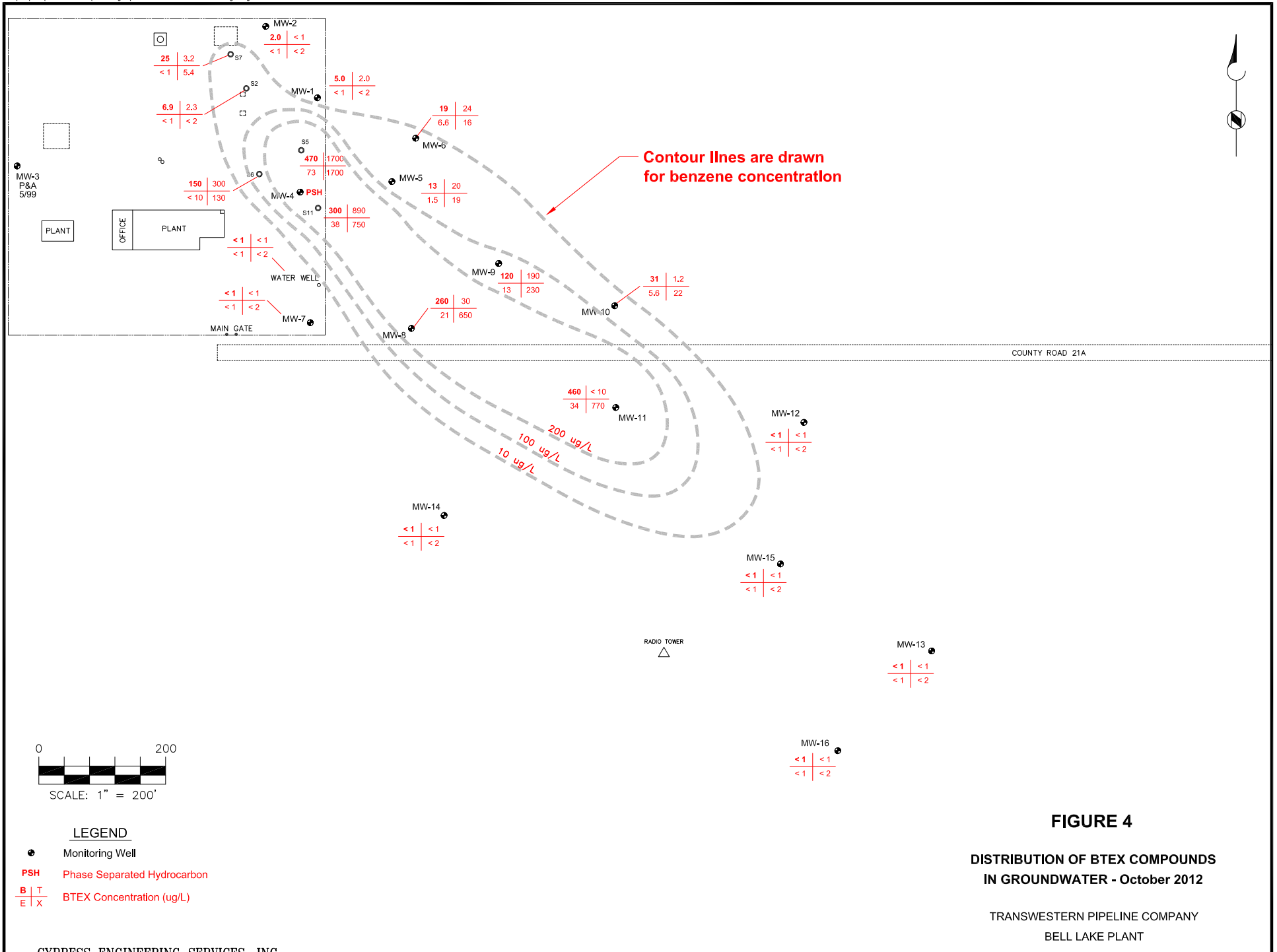
Reporting of groundwater monitoring and remediation activities will continue on an annual basis.

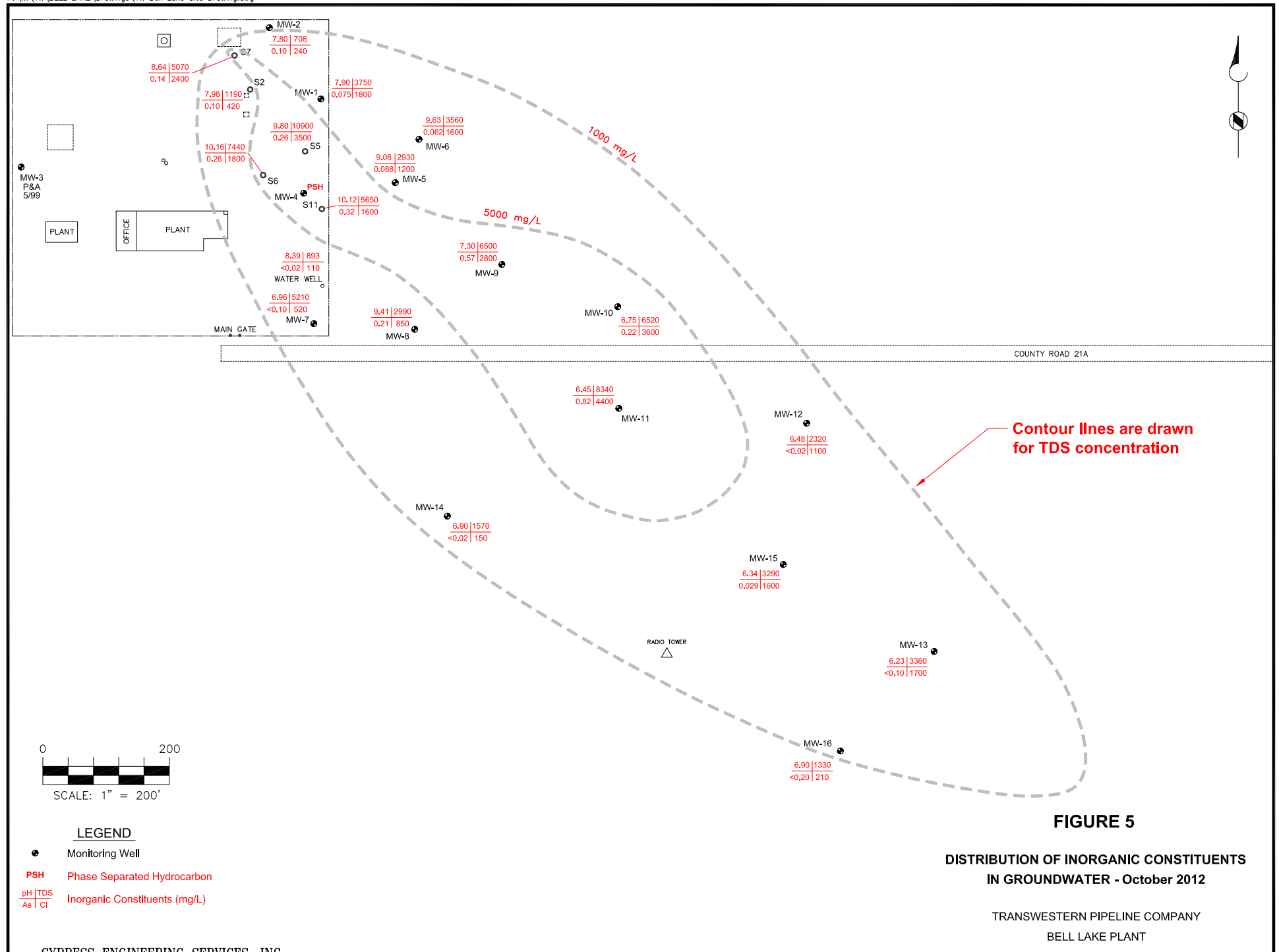
FIGURES











TABLES

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-1	10/24/93	3635.37 (c)	(a)	88.97	(a)	3546.40
	12/08/94		(a)	89.38	(a)	3545.99
	05/31/95		(a)	89.18	(a)	3546.19
	12/12/95		(a)	89.27	(a)	3546.10
	02/20/96		(a)	89.24	(a)	3546.13
	05/15/96		(a)	89.21	(a)	3546.16
	08/14/96		(a)	89.32	(a)	3546.05
	11/12/96		(a)	89.10	(a)	3546.27
	02/07/97		(a)	89.35	(a)	3546.02
	08/08/97		(a)	89.22	(a)	3546.15
	01/09/98		(a)	89.41	(a)	3545.96
	02/24/98*		(a)	89.21	(a)	3546.16
	08/03/98*		(a)	89.40	(a)	3545.97
	02/10/99*		(a)	89.40	(a)	3545.97
	08/10/99*		(a)	89.39	(a)	3545.98
	02/14/00*		(a)	89.51	(a)	3545.86
	10/17/00*		(a)	89.53	(a)	3545.84
	02/15/01*		(a)	89.51	(a)	3545.86
	08/08/01		(a)	89.52	(a)	3545.85
	03/15/02*		(a)	89.49	(a)	3545.88
	08/05/02*		(a)	89.46	(a)	3545.91
	01/14/03*		(a)	89.61	(a)	3545.76
	10/13/03*		(a)	89.61	(a)	3545.76
	05/26/04*		(a)	89.70	(a)	3545.67
	11/10/04*		(a)	89.57	(a)	3545.80
	04/13/05*		(a)	89.58	(a)	3545.79
	11/29/05*		(a)	89.45	(a)	3545.92
	05/08/06*		(a)	89.35	(a)	3546.02
	12/11/06*		(a)	89.37	(a)	3546.00
	06/18/07*		(a)	89.25	(a)	3546.12
	12/05/07*		(a)	89.38	(a)	3545.99
	05/20/08*		(a)	89.30	(a)	3546.07
	12/08/08*		(a)	89.37	(a)	3546.00
	04/30/09*		(a)	89.36	(a)	3546.01
	01/27/10*		(a)	89.47	(a)	3545.90
	11/15/10*		(a)	89.46	(a)	3545.91
	05/17/11*		(a)	89.52	(a)	3545.85
	12/12/11*		(a)	89.64	(a)	3545.73
	04/23/12*		(a)	89.64	(a)	3545.73
	10/16/12*		(a)	89.65	(a)	3545.72

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-2	10/19/93	3634.62 (c)	(a)	88.02	(a)	3546.60
	12/08/94		(a)	88.15	(a)	3546.47
	05/31/95		(a)	88.23	(a)	3546.39
	12/12/95		(a)	88.31	(a)	3546.31
	02/20/96		(a)	88.29	(a)	3546.33
	05/15/96		(a)	88.27	(a)	3546.35
	08/14/96		(a)	88.39	(a)	3546.23
	11/12/96		(a)	88.10	(a)	3546.52
	02/07/97		(a)	88.37	(a)	3546.25
	08/08/97		(a)	88.27	(a)	3546.35
	01/09/98	3634.68 (d)	(a)	88.42	(a)	3546.26
	02/24/98*		(a)	88.30	(a)	3546.38
	08/03/98*		(a)	88.42	(a)	3546.26
	02/10/99*		(a)	88.43	(a)	3546.25
	08/10/99*	3634.68 (f)	(a)	88.53	(a)	3546.15
	02/14/00*		(a)	88.63	(a)	3546.05
	10/17/00*		(a)	88.65	(a)	3546.03
	02/15/01*		(a)	88.51	(a)	3546.17
	08/08/01		(a)	88.69	(a)	3545.99
	03/15/02*		(a)	88.59	(a)	3546.09
	08/05/02*		(a)	88.62	(a)	3546.06
	01/14/03*		(a)	88.72	(a)	3545.96
	10/13/03*		(a)	88.70	(a)	3545.98
	05/26/04*		(a)	88.75	(a)	3545.93
	11/10/04*		(a)	88.73	(a)	3545.95
	04/13/05*		(a)	88.71	(a)	3545.97
	11/29/05*		(a)	88.60	(a)	3546.08
	05/08/06*		(a)	88.47	(a)	3546.21
	12/11/06*		(a)	88.42	(a)	3546.26
	06/18/07*		(a)	88.39	(a)	3546.29
	12/05/07*		(a)	88.47	(a)	3546.21
	05/20/08*		(a)	88.43	(a)	3546.25
	12/08/08*		(a)	88.47	(a)	3546.21
	04/30/09*		(a)	88.45	(a)	3546.23
	01/27/10*		(a)	88.54	(a)	3546.14
	11/15/10*		(a)	88.58	(a)	3546.10
	05/17/11*		(a)	88.63	(a)	3546.05
	12/12/11*		(a)	88.75	(a)	3545.93
	04/23/12*		(a)	88.73	(a)	3545.95
	10/16/12*		(a)	88.73	(a)	3545.95

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-3	10/20/93	3639.64 (c)	(a)	92.96	(a)	3546.68
	12/08/94		(a)	93.08	(a)	3546.56
	05/31/95		(a)	93.17	(a)	3546.47
	12/12/95		(a)	93.24	(a)	3546.40
	02/20/96		(a)	93.20	(a)	3546.44
	05/15/96		(a)	93.20	(a)	3546.44
	08/14/96		(a)	93.31	(a)	3546.33
	11/12/96		(a)	93.30	(a)	3546.34
	02/07/97		(a)	93.31	(a)	3546.33
	08/08/97		(a)	93.27	(a)	3546.37
	01/09/98		(a)	93.40	(a)	3546.24
	02/24/98*		(a)	93.28	(a)	3546.36
	08/03/98*		(a)	93.41	(a)	3546.23

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-4	12/08/94	3636.05 (c)	(a)	89.90	(a)	3546.15
	05/31/95		(a)	89.97	(a)	3546.08
	12/12/95		(a)	90.05	(a)	3546.00
	02/20/96		(a)	90.05	(a)	3546.00
	05/15/96		(a)	89.99	(a)	3546.06
	08/14/96		(a)	90.09	(a)	3545.96
	11/12/96		(a)	90.00	(a)	3546.05
	02/07/97		(a)	90.13	(a)	3545.92
	08/08/97		90.00	90.60	0.60	3545.93
	11/06/97		90.01	90.15	0.14	3546.01
	11/12/97		90.02	90.25	0.23	3545.98
	12/29/97	3637.04 (d)	90.69	92.55	1.86	3545.98
	11/24/98		90.28	94.04	3.76	3546.01
	01/28/99		90.50	94.03	3.53	3545.83
	02/10/99*		90.81	91.93	1.12	3546.01
	02/24/99		90.45	93.54	3.09	3545.97
	06/02/99		89.90	92.65	2.75	3546.59
	06/04/99		90.80	91.54	0.74	3546.09
	06/15/99		90.41	92.99	2.58	3546.11
	06/24/99		89.61	91.88	2.27	3546.98
	07/13/99		90.50	93.34	2.84	3545.97
	08/10/99*		90.66	93.12	2.46	3545.89
	08/24/99		90.61	91.70	1.09	3546.21
	09/07/99		90.62	92.97	2.35	3545.95
	09/23/99		90.58	93.05	2.47	3545.97
	10/12/99		90.66	93.21	2.55	3545.87
	10/26/99		90.64	93.02	2.38	3545.92
	11/09/99		90.55	92.94	2.39	3546.01
	11/24/99		90.69	93.45	2.76	3545.80
	12/14/99		90.56	92.89	2.33	3546.01
	12/28/99		89.52	92.83	3.31	3546.86
	01/13/00		90.01	90.78	0.77	3546.88
	01/20/00		90.04	90.08	0.04	3546.99
	02/01/00		89.86	91.55	1.69	3546.84
	02/14/00*		89.94	91.76	1.82	3546.74
	02/22/00		89.94	90.86	0.92	3546.92
	03/06/00		89.98	90.36	0.38	3546.98
	03/27/00		90.19	90.48	0.29	3546.79
	04/10/00		90.13	90.64	0.51	3546.81
	04/27/00		90.01	90.16	0.15	3547.00
	05/08/00		90.03	90.23	0.20	3546.97
	05/25/00		90.12	90.33	0.21	3546.88
	06/08/00		90.40	90.42	0.02	3546.64
	06/26/00		90.17	90.23	0.06	3546.86
	07/11/00		90.14	90.16	0.02	3546.90
	07/27/00		90.11	90.12	0.01	3546.93

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	08/07/00		90.05	90.06	0.01	3546.99
	08/24/00		(a)	90.14	(a)	3546.90
	09/07/00		(a)	90.12	(a)	3546.92
	09/25/00		(a)	89.93	(a)	3547.11
	10/09/00		(a)	89.87	(a)	3547.17
	10/17/00*		90.12	90.15	0.03	3546.91
	11/02/00		90.16	90.76	0.60	3546.76
	11/22/00		90.36	90.39	0.03	3546.67
	12/11/00		90.05	90.25	0.20	3546.95
	01/05/01		90.07	91.47	1.40	3546.69
	01/22/01		90.03	90.58	0.55	3546.90
	02/09/01		90.76	90.97	0.21	3546.24
	02/15/01*		90.11	90.95	0.84	3546.76
	03/09/01		89.89	89.92	0.03	3547.14
	03/29/01		90.10	90.39	0.29	3546.88
	08/08/01		90.17	90.55	0.38	3546.79
	02/01/02		90.19	90.76	0.57	3546.74
	03/15/02*		90.15	90.89	0.74	3546.74
	08/05/02*		90.12	90.38	0.26	3546.87
	01/14/03*		90.08	91.57	1.49	3546.66
	10/13/03*		90.16	91.71	1.55	3546.57
	05/26/04*		90.16	91.57	1.41	3546.60
	11/10/04*		(a)	90.26	(a)	3546.78
	04/13/05*		90.1	90.11	0.01	3546.94
	11/29/05*		90.04	90.05	0.01	3547.00
	05/08/06*		(a)	91.16	(a)	3545.88
	12/11/06*		90.18	90.21	0.03	3546.85
	06/18/07*		89.97	90.01	0.04	3547.06
	12/05/07*		90.12	90.16	0.04	3546.91
	05/20/08*		90.07	90.10	0.03	3546.96
	12/08/08*		90.15	90.19	0.04	3546.88
	04/30/09*		90.13	90.17	0.04	3546.90
	01/27/10*		90.19	90.65	0.46	3546.76
	11/15/10*		90.24	90.26	0.02	3546.80
	05/17/11*		90.26	90.64	0.38	3546.70
	12/12/11*		90.43	90.47	0.04	3546.60
	04/23/12*		90.41	90.43	0.02	3546.63
	10/16/12*		sheen	90.41	sheen	3546.63

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-5	12/08/94	3635.31 (c)	(a)	89.33	(a)	3545.98
	05/31/95		(a)	89.36	(a)	3545.95
	12/12/95		(a)	89.40	(a)	3545.91
	02/20/96		(a)	89.46	(a)	3545.85
	05/15/96		(a)	89.40	(a)	3545.91
	08/14/96		(a)	89.43	(a)	3545.88
	11/12/96		(a)	89.42	(a)	3545.89
	02/07/97		(a)	89.53	(a)	3545.78
	08/08/97		(a)	89.41	(a)	3545.90
	01/09/98		(a)	89.57	(a)	3545.74
	02/24/98*		(a)	89.38	(a)	3545.93
	08/03/98*		(a)	89.59	(a)	3545.72
	02/10/99*		(a)	89.65	(a)	3545.66
	08/10/99*		(a)	89.64	(a)	3545.67
	02/14/00*		(a)	89.69	(a)	3545.62
	10/17/00*		(a)	89.75	(a)	3545.56
	02/15/01*		(a)	89.71	(a)	3545.60
	08/08/01		(a)	89.72	(a)	3545.59
	03/15/02*		(a)	89.69	(a)	3545.62
	08/05/02*		(a)	89.67	(a)	3545.64
	01/14/03*		(a)	89.75	(a)	3545.56
	10/13/03*		(a)	89.77	(a)	3545.54
	05/26/04*		(a)	89.81	(a)	3545.50
	11/10/04*		(a)	89.81	(a)	3545.50
	04/13/05*		(a)	89.77	(a)	3545.54
	11/29/05*		(a)	89.66	(a)	3545.65
	05/08/06*		(a)	89.58	(a)	3545.73
	12/11/06*		(a)	89.57	(a)	3545.74
	06/18/07*		(a)	89.53	(a)	3545.78
	12/05/07*		(a)	89.57	(a)	3545.74
	05/20/08*		(a)	89.55	(a)	3545.76
	12/08/08*		(a)	89.58	(a)	3545.73
	04/30/09*		(a)	89.59	(a)	3545.72
	01/27/10*		(a)	89.67	(a)	3545.64
	11/15/10*		(a)	89.65	(a)	3545.66
	05/17/11*		(a)	89.65	(a)	3545.66
	12/12/11*		(a)	89.80	(a)	3545.51
	04/23/12*		(a)	89.77	(a)	3545.54
	10/16/12*		(a)	89.80	(a)	3545.51

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-6	12/08/94	3634.66 (c)	(a)	88.65	(a)	3546.01
	05/31/95		(a)	88.70	(a)	3545.96
	12/12/95		(a)	88.72	(a)	3545.94
	02/20/96		(a)	88.81	(a)	3545.85
	05/15/96		(a)	88.75	(a)	3545.91
	08/14/96		(a)	88.82	(a)	3545.84
	11/12/96		(a)	88.81	(a)	3545.85
	02/07/97		(a)	88.88	(a)	3545.78
	08/08/97		(a)	88.80	(a)	3545.86
	01/09/98		(a)	88.92	(a)	3545.74
	02/24/98*		(a)	88.75	(a)	3545.91
	08/03/98*		(a)	88.93	(a)	3545.73
	02/10/99*		(a)	89.00	(a)	3545.66
	08/10/99*		(a)	89.02	(a)	3545.64
	02/14/00*		(a)	89.06	(a)	3545.60
	10/17/00*		(a)	89.12	(a)	3545.54
	02/15/01*		(a)	89.08	(a)	3545.58
	08/08/01		(a)	89.10	(a)	3545.56
	03/15/02*		(a)	89.05	(a)	3545.61
	08/05/02*		(a)	89.05	(a)	3545.61
	01/14/03*		(a)	89.11	(a)	3545.55
	10/13/03*		(a)	89.13	(a)	3545.53
	05/26/04*		(a)	89.15	(a)	3545.51
	11/10/04*		(a)	89.20	(a)	3545.46
	04/13/05*		(a)	89.16	(a)	3545.50
	11/29/05*		(a)	89.05	(a)	3545.61
	05/08/06*		(a)	88.95	(a)	3545.71
	12/11/06*		(a)	88.94	(a)	3545.72
	06/18/07*		(a)	88.89	(a)	3545.77
	12/05/07*		(a)	88.97	(a)	3545.69
	05/20/08*		(a)	88.92	(a)	3545.74
	12/08/08*		(a)	88.95	(a)	3545.71
	04/30/09*		(a)	88.97	(a)	3545.69
	01/27/10*		(a)	89.03	(a)	3545.63
	11/15/10*		(a)	89.05	(a)	3545.61
	05/17/11*		(a)	89.07	(a)	3545.59
	12/12/11*		(a)	89.16	(a)	3545.50
	04/23/12*		(a)	89.15	(a)	3545.51
	10/16/12*		(a)	89.21	(a)	3545.45

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-7	12/12/95	3635.89 (c)	(a)	90.18	(a)	3545.71
	02/20/96		(a)	90.15	(a)	3545.74
	05/15/96		(a)	90.11	(a)	3545.78
	08/14/96		(a)	90.21	(a)	3545.68
	11/12/96		(a)	90.20	(a)	3545.69
	02/07/97		(a)	90.22	(a)	3545.67
	08/08/97		(a)	90.19	(a)	3545.70
	01/09/98		(a)	90.28	(a)	3545.61
	02/24/98*		(a)	90.18	(a)	3545.71
	08/03/98*		(a)	90.29	(a)	3545.60
	08/10/99*	---	(a)	90.40	(a)	---
	02/14/00*	3636.00 (f)	(a)	90.45	(a)	3545.55
	10/17/00*		(a)	90.48	(a)	3545.52
	02/15/01*		(a)	90.47	(a)	3545.53
	08/08/01		(a)	90.51	(a)	3545.49
	03/15/02*		(a)	90.43	(a)	3545.57
	08/05/02*		(a)	90.43	(a)	3545.57
	01/14/03*		(a)	90.52	(a)	3545.48
	10/13/03*		(a)	90.51	(a)	3545.49
	05/26/04*		(a)	90.57	(a)	3545.43
	11/10/04*		(a)	90.57	(a)	3545.43
	04/13/05*		(a)	90.53	(a)	3545.47
	11/29/05*		(a)	90.44	(a)	3545.56
	05/08/06*		(a)	90.35	(a)	3545.65
	12/11/06*		(a)	90.35	(a)	3545.65
	06/18/07*		(a)	90.30	(a)	3545.70
	12/05/07*		(a)	90.36	(a)	3545.64
	05/20/08*		(a)	90.31	(a)	3545.69
	12/08/08*		(a)	90.36	(a)	3545.64
	04/30/09*		(a)	90.36	(a)	3545.64
	01/27/10*		(a)	90.41	(a)	3545.59
	11/15/10*		(a)	90.43	(a)	3545.57
	05/17/11*		(a)	90.45	(a)	3545.55
	12/12/11*		(a)	90.52	(a)	3545.48
	04/23/12*		(a)	90.54	(a)	3545.46
	10/16/12*		(a)	90.55	(a)	3545.45

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-8	12/12/95	3635.28 (c)	(a)	89.82	(a)	3545.46
	02/20/96		(a)	89.82	(a)	3545.46
	05/15/96		(a)	89.78	(a)	3545.50
	08/14/96		(a)	89.86	(a)	3545.42
	11/12/96		(a)	89.86	(a)	3545.42
	02/07/97		(a)	89.89	(a)	3545.39
	08/08/97		(a)	89.85	(a)	3545.43
	01/09/98	3635.30 (d)	(a)	89.95	(a)	3545.35
	02/24/98*		(a)	89.87	(a)	3545.43
	08/03/98*		(a)	89.95	(a)	3545.35
	02/10/99*		(a)	89.97	(a)	3545.33
	08/10/99*		(a)	90.00	(a)	3545.30
	02/14/00*		(a)	90.04	(a)	3545.26
	10/17/00*		(a)	90.08	(a)	3545.22
	02/15/01*		(a)	90.05	(a)	3545.25
	08/08/01		(a)	90.09	(a)	3545.21
	03/15/02*		(a)	90.05	(a)	3545.25
	08/05/02*		(a)	90.05	(a)	3545.25
	01/14/03*		(a)	90.10	(a)	3545.20
	10/13/03*		(a)	90.10	(a)	3545.20
	05/26/04*		(a)	90.14	(a)	3545.16
	11/10/04*		(a)	90.20	(a)	3545.10
	04/13/05*		(a)	90.14	(a)	3545.16
	11/29/05*		(a)	90.07	(a)	3545.23
	05/08/06*		(a)	89.99	(a)	3545.31
	12/11/06*		(a)	89.96	(a)	3545.34
	06/18/07*		(a)	89.92	(a)	3545.38
	12/05/07*		(a)	89.98	(a)	3545.32
	05/20/08*		(a)	89.93	(a)	3545.37
	12/08/08*		(a)	89.98	(a)	3545.32
	04/30/09*		(a)	89.98	(a)	3545.32
	01/27/10*		(a)	90.03	(a)	3545.27
	11/15/10*		(a)	90.03	(a)	3545.27
	05/17/11*		(a)	90.03	(a)	3545.27
	12/12/11*		(a)	90.12	(a)	3545.18
	04/23/12*		(a)	90.10	(a)	3545.20
	10/16/12*		(a)	90.16	(a)	3545.14

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-9	12/12/95	3633.58 (c)	(a)	88.21	(a)	3545.37
	02/20/96		(a)	88.23	(a)	3545.35
	05/15/96		(a)	88.18	(a)	3545.40
	08/14/96		(a)	88.22	(a)	3545.36
	11/12/96		(a)	88.27	(a)	3545.31
	02/07/97		(a)	88.29	(a)	3545.29
	08/08/97		(a)	88.25	(a)	3545.33
	01/09/98		(a)	88.35	(a)	3545.23
	02/24/98*		(a)	88.24	(a)	3545.34
	08/03/98*		(a)	88.33	(a)	3545.25
	02/10/99*		(a)	88.37	(a)	3545.21
	08/10/99*		(a)	88.40	(a)	3545.18
	02/14/00*		(a)	88.44	(a)	3545.14
	10/17/00*		(a)	88.46	(a)	3545.12
	02/15/01*		(a)	88.45	(a)	3545.13
	08/08/01		(a)	88.48	(a)	3545.10
	03/15/02*		(a)	88.46	(a)	3545.12
	08/05/02*		(a)	88.46	(a)	3545.12
	01/14/03*		(a)	88.48	(a)	3545.10
	10/13/03*		(a)	88.49	(a)	3545.09
	05/26/04*		(a)	88.55	(a)	3545.03
	11/10/04*		(a)	88.59	(a)	3544.99
	04/13/05*		(a)	88.54	(a)	3545.04
	11/29/05*		(a)	88.45	(a)	3545.13
	05/08/06*		(a)	88.37	(a)	3545.21
	12/11/06*		(a)	88.35	(a)	3545.23
	06/18/07*		(a)	88.31	(a)	3545.27
	12/05/07*		(a)	88.39	(a)	3545.19
	05/20/08*		(a)	88.33	(a)	3545.25
	12/08/08*		(a)	88.36	(a)	3545.22
	04/30/09*		(a)	88.39	(a)	3545.19
	01/27/10*		(a)	88.42	(a)	3545.16
	11/15/10*		(a)	88.45	(a)	3545.13
	05/17/11*		(a)	88.44	(a)	3545.14
	12/12/11*		(a)	88.53	(a)	3545.05
	04/23/12*		(a)	88.51	(a)	3545.07
	10/16/12*		(a)	88.56	(a)	3545.02

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-10	01/09/98	3633.25 (d)	(a)	88.42	(a)	3544.83
	02/24/98*		(a)	88.33	(a)	3544.92
	08/03/98*		(a)	88.41	(a)	3544.84
	02/10/99*		(a)	88.43	(a)	3544.82
	08/10/99*		(a)	88.44	(a)	3544.81
	02/14/00*	3633.24 (f)	(a)	88.50	(a)	3544.74
	10/17/00*		(a)	88.54	(a)	3544.70
	02/14/01*		(a)	88.51	(a)	3544.73
	08/08/01		(a)	88.54	(a)	3544.70
	03/15/02*		(a)	88.51	(a)	3544.73
	08/05/02*		(a)	88.54	(a)	3544.70
	01/14/03*		(a)	88.54	(a)	3544.70
	10/13/03*		(a)	88.56	(a)	3544.68
	05/26/04*		(a)	88.60	(a)	3544.64
	11/10/04*		(a)	88.63	(a)	3544.61
	04/13/05*		(a)	88.58	(a)	3544.66
	11/29/05*		(a)	88.50	(a)	3544.74
	05/08/06*		(a)	88.44	(a)	3544.80
	12/11/06*		(a)	88.44	(a)	3544.80
	06/18/07*		(a)	88.39	(a)	3544.85
	12/05/07*		(a)	88.47	(a)	3544.77
	05/20/08*		(a)	88.41	(a)	3544.83
	12/08/08*		(a)	88.45	(a)	3544.79
	04/30/09*		(a)	88.45	(a)	3544.79
	01/27/10*		(a)	88.46	(a)	3544.78
	11/15/10*		(a)	88.51	(a)	3544.73
	05/17/11*		(a)	88.47	(a)	3544.77
	12/12/11*		(a)	88.57	(a)	3544.67
	04/23/12*		(a)	88.56	(a)	3544.68
	10/16/12*		(a)	88.61	(a)	3544.63

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-11	01/09/98	3631.57 (d)	(a)	86.99	(a)	3544.58
	02/24/98*		(a)	86.94	(a)	3544.63
	08/03/98*		(a)	86.98	(a)	3544.59
	02/10/99*		(a)	86.99	(a)	3544.58
	08/10/99*		(a)	86.99	(a)	3544.58
	02/14/00*	3631.56 (f)	(a)	87.04	(a)	3544.52
	10/17/00*		(a)	87.07	(a)	3544.49
	02/15/01*		(a)	87.06	(a)	3544.50
	08/08/01		(a)	87.10	(a)	3544.46
	03/15/02*		(a)	87.07	(a)	3544.49
	08/05/02*		(a)	87.09	(a)	3544.47
	01/14/03*		(a)	87.09	(a)	3544.47
	10/13/03*		(a)	87.11	(a)	3544.45
	05/26/04*		(a)	87.15	(a)	3544.41
	11/10/04*		(a)	87.21	(a)	3544.35
	04/13/05*		(a)	87.13	(a)	3544.43
	11/29/05*		(a)	87.07	(a)	3544.49
	05/08/06*		(a)	87.03	(a)	3544.53
	12/11/06*		(a)	87.03	(a)	3544.53
	06/18/07*		(a)	86.97	(a)	3544.59
	12/05/07*		(a)	87.02	(a)	3544.54
	05/20/08*		(a)	86.98	(a)	3544.58
	12/08/08*		(a)	87.02	(a)	3544.54
	04/30/09*		(a)	87.00	(a)	3544.56
	01/27/10*		(a)	87.03	(a)	3544.53
	11/15/10*		(a)	87.05	(a)	3544.51
	05/17/11*		(a)	87.05	(a)	3544.51
	12/12/11*		(a)	87.13	(a)	3544.43
	04/23/12*		(a)	87.10	(a)	3544.46
	10/16/12*		(a)	87.15	(a)	3544.41

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-12	01/09/98	3630.61 (d)	(a)	86.39	(a)	3544.22
	02/24/98*		(a)	86.29	(a)	3544.32
	08/03/98*		(a)	86.37	(a)	3544.24
	02/10/99*		(a)	86.39	(a)	3544.22
	08/10/99*		(a)	86.39	(a)	3544.22
	02/14/00*	3630.61 (f)	(a)	86.46	(a)	3544.15
	10/17/00*		(a)	86.49	(a)	3544.12
	02/15/01*		(a)	86.47	(a)	3544.14
	08/08/01		(a)	86.49	(a)	3544.12
	03/15/02*		(a)	86.45	(a)	3544.16
	08/05/02*		(a)	86.50	(a)	3544.11
	01/14/03*		(a)	86.49	(a)	3544.12
	10/13/03*		(a)	86.49	(a)	3544.12
	05/26/04*		(a)	86.52	(a)	3544.09
	11/10/04*		(a)	86.56	(a)	3544.05
	04/13/05*		(a)	86.49	(a)	3544.12
	11/29/05*		(a)	86.42	(a)	3544.19
	05/08/06*		(a)	86.41	(a)	3544.20
	12/11/06*		(a)	86.42	(a)	3544.19
	06/18/07*		(a)	86.38	(a)	3544.23
	12/05/07*		(a)	86.45	(a)	3544.16
	05/20/08*		(a)	86.37	(a)	3544.24
	12/08/08*		(a)	86.43	(a)	3544.18
	04/30/09*		(a)	86.40	(a)	3544.21
	01/27/10*		(a)	86.42	(a)	3544.19
	11/15/10*		(a)	86.44	(a)	3544.17
	05/17/11*		(a)	86.42	(a)	3544.19
	12/12/11*		(a)	86.52	(a)	3544.09
	04/23/12*		(a)	86.50	(a)	3544.11
	10/16/12*		(a)	86.52	(a)	3544.09

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-13	02/14/00*	3626.97 (f)	(a)	83.28	(a)	3543.69
	10/17/00*		(a)	83.30	(a)	3543.67
	02/15/01*		(a)	83.29	(a)	3543.68
	08/08/01		(a)	83.31	(a)	3543.66
	03/15/02*		(a)	83.27	(a)	3543.70
	08/05/02*		(a)	83.31	(a)	3543.66
	01/14/03*		(a)	83.32	(a)	3543.65
	10/13/03*		(a)	83.30	(a)	3543.67
	05/26/04*		(a)	83.34	(a)	3543.63
	11/10/04*		(a)	83.36	(a)	3543.61
	04/13/05*		(a)	83.33	(a)	3543.64
	11/29/05*		(a)	83.27	(a)	3543.70
	05/08/06*		(a)	83.24	(a)	3543.73
	12/11/06*		(a)	83.25	(a)	3543.72
	06/18/07*		(a)	83.23	(a)	3543.74
	12/05/07*		(a)	83.28	(a)	3543.69
	05/20/08*		(a)	83.21	(a)	3543.76
	12/08/08*		(a)	83.27	(a)	3543.70
	04/30/09*		(a)	83.23	(a)	3543.74
	01/27/10*		(a)	83.24	(a)	3543.73
	11/15/10*		(a)	83.23	(a)	3543.74
	05/17/11*		(a)	83.22	(a)	3543.75
	12/12/11*		(a)	83.31	(a)	3543.66
	04/23/12*		(a)	83.30	(a)	3543.67
	10/16/12*		(a)	83.31	(a)	3543.66
MW-14	01/14/03*	3631.43 (g)	(a)	86.33	(a)	3545.10
	10/13/03*		(a)	86.34	(a)	3545.09
	05/26/04*		(a)	86.38	(a)	3545.05
	11/10/04*		(a)	86.45	(a)	3544.98
	04/13/05*		(a)	86.36	(a)	3545.07
	11/29/05*		(a)	86.28	(a)	3545.15
	05/08/06*		(a)	86.24	(a)	3545.19
	12/11/06*		(a)	86.24	(a)	3545.19
	06/18/07*		(a)	86.19	(a)	3545.24
	12/05/07*		(a)	86.27	(a)	3545.16
	05/20/08*		(a)	86.20	(a)	3545.23
	12/08/08*		(a)	86.23	(a)	3545.20
	04/30/09*		(a)	86.24	(a)	3545.19
	01/27/10*		(a)	86.25	(a)	3545.18
	11/15/10*		(a)	86.27	(a)	3545.16
	05/17/11*		(a)	86.26	(a)	3545.17
	12/12/11*		(a)	86.35	(a)	3545.08
	04/23/12*		(a)	86.32	(a)	3545.11
	10/16/12*		(a)	86.35	(a)	3545.08

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
MW-15	01/14/03*	3629.00 (g)	(a)	84.74	(a)	3544.26
	10/13/03*		(a)	84.73	(a)	3544.27
	05/26/04*		(a)	84.75	(a)	3544.25
	11/10/04*		(a)	84.80	(a)	3544.20
	04/13/05*		(a)	84.76	(a)	3544.24
	11/29/05*		(a)	84.70	(a)	3544.30
	05/08/06*		(a)	84.66	(a)	3544.34
	12/11/06*		(a)	84.66	(a)	3544.34
	06/18/07*		(a)	84.63	(a)	3544.37
	12/05/07*		(a)	84.69	(a)	3544.31
	05/20/08*		(a)	84.61	(a)	3544.39
	12/08/08*		(a)	84.67	(a)	3544.33
	04/30/09*		(a)	84.65	(a)	3544.35
	01/27/10*		(a)	84.67	(a)	3544.33
	11/15/10*		(a)	84.67	(a)	3544.33
	05/17/11*		(a)	84.65	(a)	3544.35
	12/12/11*		(a)	84.75	(a)	3544.25
	04/23/12*		(a)	84.71	(a)	3544.29
	10/16/12*		(a)	84.74	(a)	3544.26
MW-16	01/14/03*	3625.87 (g)	(a)	81.88	(a)	3543.99
	10/13/03*		(a)	81.87	(a)	3544.00
	05/26/04*		(a)	81.89	(a)	3543.98
	11/10/04*		(a)	81.93	(a)	3543.94
	04/13/05*		(a)	81.88	(a)	3543.99
	11/29/05*		(a)	81.85	(a)	3544.02
	05/08/06*		(a)	81.80	(a)	3544.07
	12/11/06*		(a)	81.81	(a)	3544.06
	06/18/07*		(a)	81.80	(a)	3544.07
	12/05/07*		(a)	81.85	(a)	3544.02
	05/20/08*		(a)	81.78	(a)	3544.09
	12/08/08*		(a)	81.84	(a)	3544.03
	04/30/09*		(a)	81.81	(a)	3544.06
	01/27/10*		(a)	81.81	(a)	3544.06
	11/15/10*		(a)	81.81	(a)	3544.06
	05/17/11*		(a)	81.79	(a)	3544.08
	12/12/11*		(a)	81.90	(a)	3543.97
	04/23/12*		(a)	81.86	(a)	3544.01
	10/16/12*		(a)	81.87	(a)	3544.00

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-1	12/01/95	3637.06 (c)	90.68	92.12	1.44	3546.09
	02/20/96		90.52	92.12	1.60	3546.22
	05/01/96		90.51	92.20	1.69	3546.21
	01/17/97	3638.21 (d)	91.63	93.34	1.71	3546.24
	11/06/97		91.45	93.59	2.14	3546.33
	12/29/97		91.50	93.45	1.95	3546.32
	11/24/98		91.12	94.65	3.53	3546.38
	01/28/99		91.80	93.10	1.30	3546.15
	06/02/99		91.79	92.49	0.70	3546.28
	06/04/99		91.70	92.32	0.62	3546.39
	06/15/99		91.84	92.58	0.74	3546.22
	06/24/99		91.84	92.59	0.75	3546.22
	07/13/99		(a)	91.95	(a)	3546.26
	07/27/99		(a)	91.86	(a)	3546.35
	08/10/99*		91.97	92.35	0.38	3546.16
	08/24/99		(a)	91.84	(a)	3546.37
	09/07/99		(a)	92.16	(a)	3546.05
	09/23/99		(a)	92.21	(a)	3546.00
	10/12/99		(a)	92.09	(a)	3546.12
	10/26/99		(a)	91.84	(a)	3546.37
	11/09/99		(a)	91.82	(a)	3546.39
	11/24/99		92.17	92.21	0.04	3546.03
	12/14/99		(a)	91.79	(a)	3546.42
	12/28/99		(a)	91.93	(a)	3546.28
	01/13/00		(a)	92.05	(a)	3546.16
	01/20/00		(a)	92.21	(a)	3546.00
	02/01/00		(a)	92.11	(a)	3546.10
	02/14/00*	3638.22 (f)	92.19	92.32	0.13	3546.00
	02/22/00		(a)	92.38	(a)	3545.84
	03/06/00		(a)	92.01	(a)	3546.21
	03/27/00		(a)	92.06	(a)	3546.16
	04/10/00		(a)	92.16	(a)	3546.06
	04/27/00		(a)	92.09	(a)	3546.13
	05/08/00		(a)	92.05	(a)	3546.17
	05/25/00		(a)	92.09	(a)	3546.13
	06/08/00		(a)	92.07	(a)	3546.15
	06/26/00		(a)	92.06	(a)	3546.16
	07/11/00		(a)	92.11	(a)	3546.11
	07/27/00		(a)	92.02	(a)	3546.20
	08/07/00		(a)	91.98	(a)	3546.24
	08/24/00		(a)	92.10	(a)	3546.12
	09/07/00		(a)	92.16	(a)	3546.06
	09/25/00		(a)	92.15	(a)	3546.07
	10/09/00		(a)	92.06	(a)	3546.16
	10/17/00*		(a)	91.95	(a)	3546.27
	11/02/00		(a)	92.39	(a)	3545.83
	11/22/00		(a)	92.28	(a)	3545.94
	12/11/00		(a)	92.04	(a)	3546.18

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	01/05/01		(a)	92.37	(a)	3545.85
	01/22/01		92.26	92.27	0.01	3545.96
	02/09/01		(a)	92.06	(a)	3546.16
	02/15/01*		(a)	92.20	sheen	3546.02
	03/09/01		(a)	92.06	(a)	3546.16
	03/29/01		(a)	91.95	sheen	3546.27
	08/08/01		(a)	92.22	(a)	3546.00
	02/01/02		(a)	92.03	(a)	3546.19
	02/11/02		(a)	92.25	(a)	3545.97
	03/15/02*		(a)	92.23	(a)	3545.99
	08/05/02*		(a)	92.11	(a)	3546.11
	01/14/03*		92.30	92.31	0.01	3545.92
	10/13/03*		92.33	92.37	0.04	3545.88
	05/26/04*		92.35	92.42	0.07	3545.86
	11/10/04*		(a)	92.30	(a)	3545.92
	04/13/05*		(a)	92.36	(a)	3545.86
	11/29/05*		(a)	92.02	(a)	3546.20
	05/08/06*		(a)	92.09	(a)	3546.13
	12/11/06*		(a)	92.10	(a)	3546.12
	06/18/07*		(a)	91.84	(a)	3546.38
	12/05/07*		(a)	92.06	(a)	3546.16
	05/20/08*		(a)	91.99	(a)	3546.23
	12/08/08*		(a)	92.07	(a)	3546.15
	04/30/09*		(a)	92.04	(a)	3546.18
	01/27/10*		(a)	92.19	(a)	3546.03
	11/15/10*		(a)	92.17	(a)	3546.05
	05/17/11*		(a)	92.25	(a)	3545.97
	12/12/11*		92.32	92.51	0.19	3545.86
	04/23/12*		92.32	92.53	0.21	3545.86
	10/16/12*		(a)	92.34	(a)	3545.88

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-2	12/01/95	3636.49 (c)	(a)	90.18	(a)	3546.31
	02/20/96		(a)	90.22	(a)	3546.27
	05/01/96		(a)	90.21	(a)	3546.28
	01/17/97	3637.53 (c)	(a)	91.20	(a)	3546.33
	11/06/97		(a)	91.10	(a)	3546.43
	12/29/97		(a)	91.13	(a)	3546.40
	08/04/98*		(a)	91.32	(a)	3546.21
	11/24/98		(a)	91.30	(a)	3546.23
	02/10/99*		(a)	91.21	(a)	3546.32
	06/02/99		(a)	91.34	(a)	3546.19
	08/10/99*		(a)	91.36	(a)	3546.17
	02/14/00*	3637.53 (f)	(a)	91.48	(a)	3546.05
	10/17/00		(a)	91.41	(a)	3546.12
	02/15/01*		(a)	91.47	(a)	3546.06
	08/08/01		(a)	91.46	(a)	3546.07
	02/01/02		(a)	91.51	(a)	3546.02
	02/11/02		(a)	91.51	(a)	3546.02
	03/15/02*		(a)	91.50	(a)	3546.03
	08/05/02*		(a)	91.42	(a)	3546.11
	01/14/03*		(a)	91.57	(a)	3545.96
	10/13/03*		(a)	91.61	(a)	3545.92
	05/26/04*		(a)	91.66	(a)	3545.87
	11/10/04*		(a)	91.58	(a)	3545.95
	04/13/05*		(a)	91.65	(a)	3545.88
	11/29/05*		(a)	91.37	(a)	3546.16
	05/08/06*		(a)	91.35	(a)	3546.18
	12/11/06*		(a)	91.35	(a)	3546.18
	06/18/07*		(a)	91.19	(a)	3546.34
	12/05/07*		(a)	91.37	(a)	3546.16
	05/20/08*		(a)	90.20	(a)	3547.33
	12/08/08*		(a)	90.24	(a)	3547.29
	04/30/09*		(a)	90.24	(a)	3547.29
	01/27/10*		(a)	90.35	(a)	3547.18
	11/15/10*		(a)	90.35	(a)	3547.18
	05/17/11*		(a)	90.44	(a)	3547.09
	12/12/11*		(a)	90.54	(a)	3546.99
	04/23/12*		(a)	90.53	(a)	3547.00
	10/16/12*		(a)	90.52	(a)	3547.01

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-3	12/01/95	3636.44 (c)	90.00	90.30	0.30	3546.38
	02/20/96		89.52	92.37	2.85	3546.35
	05/01/96		89.38	92.92	3.54	3546.35
	01/17/97	3637.62 (d)	90.65	93.60	2.95	3546.38
	11/06/97		90.65	93.00	2.35	3546.50
	12/29/97		90.50	93.70	3.20	3546.48
	01/16/99		(a)	90.83	(a)	3546.79
	01/28/99		(a)	91.06	(a)	3546.56
	02/08/99		(a)	91.10	(a)	3546.52
	02/10/99*		(a)	91.04	(a)	3546.58
	06/02/99		(a)	90.95	(a)	3546.67
	06/05/99		(a)	91.20	(a)	3546.42
	06/15/99		91.40	91.45	0.05	3546.21
	06/24/99		91.46	91.48	0.02	3546.16
	07/13/99		91.49	91.54	0.05	3546.12
	07/27/99		91.52	91.57	0.05	3546.09
	08/10/99*		91.38	91.50	0.12	3546.22
	08/24/99		91.43	91.57	0.14	3546.16
	09/07/99		91.54	91.61	0.07	3546.07
	09/23/99		91.50	91.58	0.08	3546.10
	10/12/99		91.48	91.64	0.16	3546.11
	10/26/99		91.47	91.60	0.13	3546.12
	11/09/99		91.42	91.55	0.13	3546.17
	11/24/99		91.45	91.59	0.14	3546.14
	12/14/99		91.44	91.60	0.16	3546.15
	12/28/99		91.38	91.54	0.16	3546.21
	01/13/00		91.50	91.59	0.09	3546.10
	01/20/00		91.45	91.58	0.13	3546.14
	02/01/00		91.46	91.56	0.10	3546.14
	02/14/00*	3637.62 (f)	91.46	91.55	0.09	3546.14
	02/22/00		91.45	91.52	0.07	3546.16
	03/06/00		91.45	91.48	0.03	3546.16
	03/27/00		91.46	91.51	0.05	3546.15
	04/10/00		91.46	91.49	0.03	3546.15
	04/27/00		91.52	91.53	0.01	3546.10
	05/08/00		91.47	91.48	0.01	3546.15
	05/25/00		91.49	91.50	0.01	3546.13
	06/08/00		91.49	91.50	0.01	3546.13
	06/26/00		(a)	91.54	(a)	3546.08
	07/11/00		91.52	91.53	0.01	3546.10
	07/27/00		91.53	91.54	0.01	3546.09
	08/07/00		(a)	91.51	(a)	3546.11
	08/24/00		(a)	91.51	(a)	3546.11
	09/07/00		(a)	91.52	(a)	3546.10
	09/25/00		(a)	91.51	(a)	3546.11

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	10/09/00		(a)	91.50	(a)	3546.12
	10/17/00*		(a)	91.50	(a)	3546.12
	11/02/00		(a)	90.46	(a)	3547.16
	11/22/00		(a)	91.49	(a)	3546.13
	12/11/00		(a)	91.51	(a)	3546.11
	01/05/01		91.53	91.54	0.01	3546.09
	01/22/01		91.49	91.51	0.02	3546.13
	02/09/01		91.61	91.67	0.06	3546.00
	02/15/01*		91.48	91.50	0.02	3546.14
	03/09/01		91.51	91.53	0.02	3546.11
	03/29/01		91.51	91.53	0.02	3546.11
	08/08/01		91.48	91.50	0.02	3546.14
	02/01/02		91.60	91.68	0.08	3546.00
	02/11/02		91.51	91.53	0.02	3546.11
	03/15/02*		(a)	91.49	sheen	3546.13
	08/05/02*		91.49	91.51	0.02	3546.13
	01/14/03*		91.55	91.58	0.03	3546.06
	10/13/03*		91.61	91.65	0.04	3546.00
	05/26/04*		91.62	91.68	0.06	3545.99
	11/10/04*		91.62	91.70	0.08	3545.98
	04/13/05*		(a)	91.64	(a)	3545.98
	11/29/05*		(a)	91.45	(a)	3546.17
	05/08/06*		91.36	91.44	0.08	3546.24
	12/11/06*		91.34	91.45	0.11	3546.26
	06/18/07*		91.26	91.37	0.11	3546.34
	12/05/07*		91.33	91.45	0.12	3546.27
	05/20/08*		91.33	91.45	0.12	3546.27
	12/08/08*		91.34	91.44	0.10	3546.26
	04/30/09*		91.33	91.44	0.11	3546.27
	01/27/10*		(a)	91.42	(a)	3546.20
	11/15/10*		(a)	91.48	(a)	3546.14
	05/17/11*		90.515	90.52	0.005	3547.10
	12/12/11*		91.61	91.64	0.03	3546.00
	04/23/12*		91.60	91.62	0.02	3546.02
	10/16/12*		91.62	91.63	0.01	3546.00

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-4	11/12/97	3636.95 (d)	(a)	89.69	(a)	3547.26
	12/29/97		90.40	92.30	1.90	3546.17
	11/24/98		89.14	93.54	4.40	3546.93
	01/06/99	3636.49 (e)	87.70	91.75	4.05	3547.98
	02/08/99		89.85	93.26	3.41	3545.96
	06/02/99		89.65	90.82	1.17	3546.61
	06/04/99		89.75	90.73	0.98	3546.54
	06/15/99		89.73	90.76	1.03	3546.55
	06/24/99		88.76	89.80	1.04	3547.52
	07/13/99		89.79	90.71	0.92	3546.52
	07/27/99		89.99	90.70	0.71	3546.36
	08/24/99		89.79	90.28	0.49	3546.60
	09/07/99		89.92	90.40	0.48	3546.47
	09/23/99		89.79	90.19	0.40	3546.62
	10/12/99		89.95	90.34	0.39	3546.46
	10/26/99		89.89	90.25	0.36	3546.53
	11/09/99		89.80	90.17	0.37	3546.62
	11/24/99		90.48	90.85	0.37	3545.94
	12/14/99		89.76	90.18	0.42	3546.65
	12/28/99		90.18	90.64	0.46	3546.22
	01/13/00		90.04	90.42	0.38	3546.37
	01/20/00		89.76	90.14	0.38	3546.65
	02/01/00		90.06	90.49	0.43	3546.34
	02/14/00*	3636.48 (f)	90.47	91.03	0.56	3545.90
	02/22/00		90.40	90.80	0.40	3546.00
	03/06/00		89.70	90.14	0.44	3546.69
	03/27/00		89.88	90.31	0.43	3546.51
	04/10/00		89.91	90.22	0.31	3546.51
	04/27/00		89.96	90.18	0.22	3546.48
	05/08/00		89.82	89.98	0.16	3546.63
	05/25/00		89.81	89.95	0.14	3546.64
	06/08/00		89.88	90.00	0.12	3546.58
	06/26/00		89.85	89.95	0.10	3546.61
	07/11/00		89.98	90.04	0.06	3546.49
	07/27/00		89.86	89.92	0.06	3546.61
	08/07/00		89.84	89.89	0.05	3546.63
	08/24/00		89.96	89.98	0.02	3546.52
	09/07/00		89.99	90.00	0.01	3546.49
	09/25/00		90.06	90.08	0.02	3546.42
	10/09/00		(a)	89.85	(a)	3546.63
	10/17/00*		90.13	90.15	0.02	3546.35
	11/02/00		90.57	90.60	0.03	3545.90
	11/22/00		90.55	90.66	0.11	3545.91
	12/11/00		89.89	89.97	0.08	3546.57

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	01/05/01		90.59	90.70	0.11	3545.87
	01/22/01		90.44	90.63	0.19	3546.00
	02/09/01		89.97	90.50	0.53	3546.40
	02/15/01*		90.54	90.68	0.14	3545.91
	03/09/01		89.95	90.26	0.31	3546.47
	03/29/01		89.88	89.94	0.06	3546.59
	08/08/01		(a)	90.52	(a)	3545.96
	02/01/02		90.27	90.80	0.53	3546.10
	02/11/02		91.47	92.35	0.88	3544.83
	03/15/02*		(a)	90.60	(a)	3545.88
	08/05/02*		(a)	89.79	(a)	3546.69
	01/14/03*		(a)	90.71	(a)	3545.77
	10/13/03*		(a)	90.76	(a)	3545.72
	05/26/04*		(a)	90.80	(a)	3545.68
	11/10/04*		(a)	90.70	(a)	3545.78
	04/13/05*		(a)	90.77	(a)	3545.71
	11/29/05*		(a)	90.15	(a)	3546.33
	05/08/06*		(a)	90.51	(a)	3545.97
	12/11/06*		(a)	90.53	(a)	3545.95
	06/18/07*		(a)	90.28	(a)	3546.20
	12/05/07*		(a)	90.47	(a)	3546.01
	05/20/08*		(a)	90.41	(a)	3546.07
	12/08/08*		(a)	90.48	(a)	3546.00
	04/30/09*		(a)	90.47	(a)	3546.01
	01/27/10*		(a)	90.62	(a)	3545.86
	11/15/10*		(a)	89.88	(a)	3546.60
	05/17/11*		(a)	90.72	(a)	3545.76
	12/12/11*		(a)	90.81	(a)	3545.67
	04/23/12*		(a)	90.80	(a)	3545.68
	10/16/12*		(a)	90.78	(a)	3545.70

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-5	11/12/97	3635.65 (d)	(a)	89.60	(a)	3546.05
	12/29/97		(a)	89.59	(a)	3546.06
	01/09/98		(a)	89.75	(a)	3545.90
	11/24/98		(a)	89.60	(a)	3546.05
	02/10/99*		(a)	89.67	(a)	3545.98
	06/02/99		(a)	89.59	(a)	3546.06
	08/10/99*		(a)	89.71	(a)	3545.94
	02/14/00*	3635.66 (f)	(a)	89.85	(a)	3545.81
	10/17/00*		(a)	89.59	(a)	3546.07
	02/15/01*		(a)	89.86	(a)	3545.80
	08/08/01		(a)	89.82	(a)	3545.84
	03/15/02*		(a)	89.88	(a)	3545.78
	08/05/02*		(a)	89.75	(a)	3545.91
	01/14/03*		(a)	89.97	(a)	3545.69
	10/13/03*		(a)	89.98	(a)	3545.68
	05/26/04*		(a)	90.04	(a)	3545.62
	11/10/04*		(a)	89.93	(a)	3545.73
	04/13/05*		(a)	89.97	(a)	3545.69
	11/29/05*		(a)	89.68	(a)	3545.98
	05/08/06*		(a)	89.75	(a)	3545.91
	12/11/06*		(a)	89.76	(a)	3545.90
	06/18/07*		(a)	89.58	(a)	3546.08
	12/05/07*		(a)	89.71	(a)	3545.95
	05/20/08*		(a)	89.68	(a)	3545.98
	12/08/08*		(a)	89.74	(a)	3545.92
	04/30/09*		(a)	89.72	(a)	3545.94
	01/27/10*		(a)	89.86	(a)	3545.80
	11/15/10*		(a)	89.84	(a)	3545.82
	05/17/11*		(a)	89.93	(a)	3545.73
	12/12/11*		(a)	90.04	(a)	3545.62
	04/23/12*		(a)	90.02	(a)	3545.64
	10/16/12*		(a)	90.00	(a)	3545.66

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-6	11/12/97	3636.38 (d)	(a)	90.20	(a)	3546.18
	12/29/97		(a)	90.20	(a)	3546.18
	01/09/98		(a)	90.25	(a)	3546.13
	11/24/98		(a)	90.20	(a)	3546.18
	02/10/99*		(a)	90.27	(a)	3546.11
	06/02/99		(a)	90.13	(a)	3546.25
	08/10/99*		(a)	90.23	(a)	3546.15
	02/14/00*	3636.38 (f)	(a)	90.44	(a)	3545.94
	10/17/00*		(a)	90.19	(a)	3546.19
	02/15/01*		(a)	90.43	(a)	3545.95
	08/08/01		(a)	90.40	(a)	3545.98
	03/15/02*		(a)	90.49	(a)	3545.89
	08/05/02*		(a)	90.32	(a)	3546.06
	01/14/03*		(a)	90.56	(a)	3545.82
	10/13/03*		(a)	90.60	(a)	3545.78
	05/26/04*		(a)	90.64	(a)	3545.74
	11/10/04*		(a)	90.51	(a)	3545.87
	04/13/05*		(a)	90.58	(a)	3545.80
	11/29/05*		(a)	90.21	(a)	3546.17
	05/08/06*		(a)	90.36	(a)	3546.02
	12/11/06*		(a)	90.37	(a)	3546.01
	06/18/07*		(a)	90.12	(a)	3546.26
	12/05/07*		(a)	90.28	(a)	3546.10
	05/20/08*		(a)	90.26	(a)	3546.12
	12/08/08*		(a)	90.34	(a)	3546.04
	04/30/09*		(a)	90.30	(a)	3546.08
	01/27/10*		(a)	90.46	(a)	3545.92
	11/15/10*		(a)	90.43	(a)	3545.95
	05/17/11*		(a)	90.53	(a)	3545.85
	12/12/11*		(a)	90.63	(a)	3545.75
	04/23/12*		(a)	90.62	(a)	3545.76
	10/16/12*		(a)	90.60	(a)	3545.78

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-7	11/12/97	3637.01 (d)	(a)	89.61	(a)	3547.40
	12/29/97		(a)	90.52	(a)	3546.49
	08/04/98*		(a)	90.58	(a)	3546.43
	11/24/98		(a)	90.71	(a)	3546.30
	02/10/99*		(a)	90.60	(a)	3546.41
	06/02/99	3636.01 (f)	(a)	89.61	(a)	3546.40
	08/10/99*	3636.01 (f)	(a)	89.80	(a)	3546.21
	02/14/00*		(a)	89.88	(a)	3546.13
	10/17/00*		(a)	89.87	(a)	3546.14
	02/15/01*		(a)	89.89	(a)	3546.12
	08/08/01		(a)	89.89	(a)	3546.12
	03/15/02*		(a)	89.94	(a)	3546.07
	08/05/02*		(a)	89.90	(a)	3546.11
	01/14/03*		(a)	89.99	(a)	3546.02
	10/13/03*		(a)	90.04	(a)	3545.97
	05/26/04*		(a)	90.70	(a)	3545.31
	11/10/04*		(a)	90.04	(a)	3545.97
	04/13/05*		(a)	90.03	(a)	3545.98
	11/29/05*		(a)	89.88	(a)	3546.13
	05/08/06*		(a)	89.80	(a)	3546.21
	12/11/06*		(a)	89.76	(a)	3546.25
	06/18/07*		(a)	89.68	(a)	3546.33
	12/05/07*		(a)	89.77	(a)	3546.24
	05/20/08*		(a)	89.72	(a)	3546.29
	12/08/08*		(a)	89.76	(a)	3546.25
	04/30/09*		(a)	89.76	(a)	3546.25
	01/27/10*		(a)	89.86	(a)	3546.15
	11/15/10*		(a)	89.89	(a)	3546.12
	05/17/11*		(a)	89.94	(a)	3546.07
	12/12/11*		(a)	90.03	(a)	3545.98
	04/23/12*		(a)	90.04	(a)	3545.97
	10/16/12*		(a)	90.04	(a)	3545.97

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-8	06/02/99	---	89.15	92.09	2.94	---
	06/04/99	3637.71 (e)	90.75	92.63	1.88	3546.58
	06/15/99		89.19	92.46	3.27	3547.87
	07/13/99		89.85	92.20	2.35	3547.39
	07/27/99		90.26	92.50	2.24	3547.00
	08/24/99		90.00	92.32	2.32	3547.25
	09/16/99		89.63	91.86	2.23	3547.63
	09/30/99		90.40	92.26	1.86	3546.94
	10/19/99		90.91	92.48	1.57	3546.49
	10/26/99		90.93	93.12	2.19	3546.34
	11/09/99		90.73	92.99	2.26	3546.53
	11/24/99		91.47	92.85	1.38	3545.96
	12/14/99		90.49	92.88	2.39	3546.74
	01/04/00		90.88	93.02	2.14	3546.40
	01/20/00		89.29	91.10	1.81	3548.06
	02/14/00*	3637.72 (f)	91.70	92.23	0.53	3545.91
	06/26/00		89.58	91.62	2.04	3547.73
	07/27/00		89.96	91.65	1.69	3547.42
	08/07/00		89.95	92.16	2.21	3547.33
	08/24/00		90.41	92.61	2.20	3546.87
	09/07/00		90.08	92.21	2.13	3547.21
	02/15/01*		91.80	92.01	0.21	3545.88
	03/09/01		90.33	92.54	2.21	3546.95
	03/29/01		90.75	93.39	2.64	3546.44
	08/08/01		90.45	91.98	1.53	3546.96
	02/01/02		91.65	91.74	0.09	3546.05
	02/11/02		91.70	92.55	0.85	3545.85
	03/15/02*		91.64	92.79	1.15	3545.85
	08/05/02*		90.65	90.68	0.03	3547.06
	01/14/03*		90.86	90.91	0.05	3546.85
	10/13/03*		90.92	90.95	0.03	3546.79
	05/26/04*		91.97	92.59	0.62	3545.63
	11/10/04*		(a)	91.90	(a)	3545.82
	04/13/05*		91.75	93.19	1.44	3545.68
	11/29/05*		(a)	91.32	(a)	3546.40
	05/08/06*		91.34	93.23	1.89	3546.00
	12/11/06*		91.49	92.86	1.37	3545.96
	06/18/07*		91.39	91.71	0.32	3546.27
	12/05/07*		91.58	91.59	0.01	3546.14
	05/20/08*		91.38	92.60	1.22	3546.10
	12/08/08*		91.49	92.53	1.04	3546.02
	04/30/09*		91.46	92.61	1.15	3546.03
	01/27/10*		91.73	92.31	0.58	3545.87
	11/15/10*		91.84	92.05	0.21	3545.84
	05/17/11*		91.96	91.97	0.01	3545.76
	12/12/11*		(a)	92.08	(a)	3545.64
	04/23/12*		92.10	92.10	sheen	3545.62
	10/16/12*		91.86	92.43	0.57	3545.75

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-9	06/02/99	---	89.28	91.56	2.28	---
	06/04/99	3637.48 (e)	90.41	93.14	2.73	3546.52
	07/20/99		90.09	92.80	2.71	3546.85
	08/03/99		90.05	92.98	2.93	3546.84
	08/10/99*		90.96	93.27	2.31	3546.06
	09/02/99		90.40	93.48	3.08	3546.46
	09/20/99		89.66	92.03	2.37	3547.35
	10/05/99		91.02	93.25	2.23	3546.01
	10/19/99		91.14	93.23	2.09	3545.92
	11/09/99		90.35	92.84	2.49	3546.63
	11/24/99		91.16	93.12	1.96	3545.93
	12/14/99		90.20	92.73	2.53	3546.77
	01/04/00		90.62	92.23	1.61	3546.54
	02/14/00*	3637.51 (f)	91.23	92.97	1.74	3545.93
	08/07/00		90.77	92.87	2.10	3546.32
	02/15/01*		91.44	92.10	0.66	3545.94
	08/08/01		89.99	91.41	1.42	3547.24
	02/01/02		91.29	91.97	0.68	3546.08
	02/11/02		91.42	92.44	1.02	3545.89
	03/15/02*		91.38	92.53	1.15	3545.90
	08/05/02*		90.10	90.36	0.26	3547.36
	01/14/03*		91.57	92.15	0.58	3545.82
	10/13/03*		91.99	92.65	0.66	3545.39
	05/26/04*		91.91	92.90	0.99	3545.40
	11/10/04*		(a)	91.33	(a)	3546.18
	04/13/05*		91.65	91.88	0.23	3545.81
	11/29/05*		91.10	91.11	0.01	3546.41
	05/08/06*		91.34	91.71	0.37	3546.10
	12/11/06*		91.37	91.75	0.38	3546.06
	06/18/07*		(a)	91.14	(a)	3546.37
	05/20/08*		(a)	91.32	(a)	3546.19
	12/08/08*		(a)	91.81	(a)	3545.70
	04/30/09*		91.39	91.39	sheen	3546.12
	01/27/10*		(a)	91.55	(a)	3545.96
	11/15/10*		(a)	90.26	(a)	3547.25
	05/17/11*		(a)	91.61	(a)	3545.90
	12/12/11*		(a)	90.45	(a)	3547.06
	04/23/12*		(a)	92.16	(a)	3545.35
	10/16/12*		(a)	92.11	(a)	3545.40

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-10	06/02/99	---	(a)	89.90	(a)	---
	06/04/99	3637.38 (e)	(a)	91.20	(a)	3546.18
	06/28/99		89.72	90.89	1.17	3547.43
	07/06/99		89.51	91.61	2.10	3547.45
	07/27/99		90.59	93.59	3.00	3546.19
	08/10/99*		90.88	93.51	2.63	3545.97
	08/24/99		90.70	93.25	2.55	3546.17
	09/07/99		90.65	93.44	2.79	3546.17
	09/23/99		90.62	93.18	2.56	3546.25
	10/12/99		90.79	93.49	2.70	3546.05
	10/26/99		90.84	93.09	2.25	3546.09
	11/09/99		90.76	92.98	2.22	3546.18
	11/24/99		90.43	92.42	1.99	3546.55
	12/14/99		90.67	92.91	2.24	3546.26
	02/01/00		89.89	92.41	2.52	3546.99
	02/14/00*	3637.36 (f)	91.06	93.19	2.13	3545.87
	02/22/00		90.84	91.68	0.84	3546.35
	03/06/00		90.75	91.96	1.21	3546.37
	03/27/00		91.06	91.53	0.47	3546.21
	04/10/00		90.07	92.14	2.07	3546.88
	05/25/00		90.25	92.15	1.90	3546.73
	06/08/00		90.76	92.83	2.07	3546.19
	06/26/00		90.61	92.01	1.40	3546.47
	07/27/00		90.58	91.78	1.20	3546.54
	08/07/00		90.94	92.39	1.45	3546.13
	08/24/00		91.16	92.01	0.85	3546.03
	02/15/01*		91.51	91.72	0.21	3545.81
	08/08/01		91.31	92.52	1.21	3545.81
	02/01/02		91.34	92.55	1.21	3545.78
	02/11/02		91.46	92.74	1.28	3545.64
	03/15/02*		91.48	92.39	0.91	3545.70
	08/05/02*		90.22	90.36	0.14	3547.11
	01/14/03*		91.48	92.45	0.97	3545.69
	10/13/03*		91.47	92.69	1.22	3545.65
	05/26/04*		91.62	92.19	0.57	3545.63
	11/10/04*		(a)	91.47	(a)	3545.89
	04/13/05*		91.47	92.88	1.41	3545.61
	11/29/05*		(a)	91.35	(a)	3546.01
	05/08/06*		91.48	91.65	0.17	3545.85
	12/11/06*		91.52	92.05	0.53	3545.73
	06/18/07*		90.02	90.05	0.03	3547.33
	12/05/07*		91.49	91.53	0.04	3545.86
	05/20/08*		(a)	91.35	(a)	3546.01
	12/08/08*		(a)	91.45	(a)	3545.91
	04/30/09*		91.43	91.44	0.01	3545.93
	01/27/10*		(a)	91.56	(a)	3545.80
	11/15/10*		(a)	90.30	(a)	3547.06
	05/17/11*		(a)	91.89	(a)	3545.47
	12/12/11*		(a)	90.49	(a)	3546.87
	04/23/12*		(a)	90.49	(a)	3546.87
	10/16/12*		(a)	91.85	(a)	3545.51

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-11	06/02/99	---	(a)	90.89	(a)	---
	06/04/99	3637.31 (e)	(a)	91.45	(a)	3545.86
	06/15/99		(a)	91.44	(a)	3545.87
	06/24/99		(a)	91.47	(a)	3545.84
	07/13/99		(a)	91.46	(a)	3545.85
	07/27/99		(a)	91.51	(a)	3545.80
	08/10/99*		(a)	91.45	(a)	3545.86
	08/24/99		(a)	91.40	(a)	3545.91
	09/07/99		(a)	91.42	(a)	3545.89
	09/23/99		(a)	91.51	(a)	3545.80
	10/12/99		(a)	91.51	(a)	3545.80
	10/26/99		(a)	91.48	(a)	3545.83
	11/09/99		(a)	91.44	(a)	3545.87
	11/24/99		(a)	91.49	(a)	3545.82
	12/14/99		(a)	91.45	(a)	3545.86
	12/28/99		(a)	91.45	(a)	3545.86
	01/13/00		(a)	91.59	(a)	3545.72
	01/20/00		(a)	91.48	(a)	3545.83
	02/01/00		(a)	91.53	(a)	3545.78
	02/14/00*	3637.31 (f)	(a)	91.53	(a)	3545.78
	02/22/00		(a)	91.48	(a)	3545.83
	03/06/00		(a)	91.43	(a)	3545.88
	03/27/00		(a)	91.58	(a)	3545.73
	04/10/00		(a)	91.48	(a)	3545.83
	04/27/00		(a)	91.54	(a)	3545.77
	05/08/00		(a)	91.47	(a)	3545.84
	05/25/00		(a)	91.52	(a)	3545.79
	06/08/00		(a)	91.51	(a)	3545.80
	06/26/00		(a)	91.52	(a)	3545.79
	07/11/00		(a)	91.51	(a)	3545.80
	07/27/00		(a)	91.50	(a)	3545.81
	08/07/00		(a)	91.51	(a)	3545.80
	08/24/00		(a)	91.50	(a)	3545.81
	09/07/00		(a)	91.49	(a)	3545.82
	10/09/00		(a)	91.51	(a)	3545.80
	10/17/00*		(a)	91.45	(a)	3545.86
	11/02/00		(a)	91.51	(a)	3545.80
	11/22/00		(a)	91.50	(a)	3545.81
	12/11/00		(a)	91.51	(a)	3545.80
	01/05/01		(a)	91.52	(a)	3545.79
	01/22/01		(a)	91.52	(a)	3545.79
	02/09/01		(a)	91.53	(a)	3545.78
	02/15/01*		(a)	91.54	(a)	3545.77
	03/09/01		(a)	91.52	(a)	3545.79
	03/29/01		(a)	91.52	(a)	3545.79
	08/08/01		(a)	91.54	(a)	3545.77

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
	02/01/02		(a)	91.72	(a)	3545.59
	03/15/02*		(a)	91.65	(a)	3545.66
	08/05/02*		(a)	90.44	(a)	3546.87
	01/14/03*		(a)	91.76	(a)	3545.55
	10/13/03*		(a)	91.78	(a)	3545.53
	05/26/04*		(a)	91.88	(a)	3545.43
	11/10/04*		(a)	91.83	(a)	3545.48
	04/13/05*		(a)	91.81	(a)	3545.50
	11/29/05*		(a)	91.63	(a)	3545.68
	05/08/06*		(a)	90.41	(a)	3546.90
	12/11/06*		(a)	90.42	(a)	3546.89
	06/18/07*		(a)	90.25	(a)	3547.06
	12/05/07*		(a)	90.38	(a)	3546.93
	05/20/08*		(a)	90.34	(a)	3546.97
	12/08/08*		(a)	90.42	(a)	3546.89
	04/30/09*		(a)	90.39	(a)	3546.92
	01/27/10*		(a)	90.50	(a)	3546.81
	11/15/10*		(a)	90.50	(a)	3546.81
	05/17/11*		(a)	90.57	(a)	3546.74
	12/12/11*		(a)	90.66	(a)	3546.65
	04/23/12*		(a)	90.66	(a)	3546.65
	10/16/12*		(a)	91.81	(a)	3545.50

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-12	06/02/99	---	88.75	91.36	2.61	---
	06/04/99	3637.39 (e)	90.34	92.64	2.30	3546.59
	06/24/99		90.81	93.71	2.90	3546.00
	07/01/99		88.78	92.09	3.31	3547.95
	07/15/99		90.51	93.29	2.78	3546.32
	08/10/99*		90.95	93.08	2.13	3546.01
	08/24/99		90.50	92.61	2.11	3546.47
	09/09/99		90.48	93.16	2.68	3546.37
	09/23/99		90.19	92.42	2.23	3546.75
	10/12/99		90.61	93.28	2.67	3546.25
	10/28/99		90.57	92.93	2.36	3546.35
	11/09/99		90.60	93.08	2.48	3546.29
	11/24/99		91.06	93.22	2.16	3545.90
	12/14/99		90.45	93.19	2.74	3546.39
	01/20/00		89.20	90.99	1.79	3547.83
	02/01/00		89.03	90.84	1.81	3548.00
	02/14/00*	3637.41 (f)	91.16	93.01	1.85	3545.88
	10/09/00		90.15	91.51	1.36	3546.99
	11/02/00		91.11	93.05	1.94	3545.91
	10/17/00*		90.93	92.49	1.56	3546.17
	02/15/01*		91.45	91.76	0.31	3545.90
	08/08/01		90.38	90.50	0.12	3547.01
	02/01/02		(a)	90.37	(a)	3547.04
	02/11/02		(a)	90.62	(a)	3546.79
	03/15/02*		91.38	92.27	0.89	3545.85
	08/05/02*		90.34	90.54	0.20	3547.03
	01/14/03*		91.50	92.03	0.53	3545.80
	10/13/03*		91.49	92.29	0.80	3545.76
	05/26/04*		91.94	92.78	0.84	3545.30
	11/10/04*		91.32	92.88	1.56	3545.78
	04/13/05*		91.64	91.65	0.01	3545.77
	11/29/05*		91.19	91.20	0.01	3546.22
	05/08/06*		91.04	92.58	1.54	3546.06
	12/11/06*		91.29	92.16	0.87	3545.95
	06/18/07*		90.10	90.11	0.01	3547.31
	12/05/07*		90.30	90.31	0.01	3547.11
	05/20/08*		(a)	90.19	(a)	3547.22
	12/08/08*		(a)	90.29	(a)	3547.12
	04/30/09*		90.26	90.26	sheen	3547.15
	01/27/10*		(a)	90.41	(a)	3547.00
	11/15/10*		(a)	90.40	(a)	3547.01
	05/17/11*		(a)	90.50	(a)	3546.91
	12/12/11*		(a)	90.59	(a)	3546.82
	04/23/12*		(a)	90.57	(a)	3546.84
	10/16/12*		(a)	90.54	(a)	3546.87

**Table 1. Summary of Groundwater Surface Elevations
TW Bell Lake Gas Plant**

Well	Sampling Date	Top of Casing (ft)	Depth to PSH (ft)	Depth to Water (ft)	PSH (ft)	Surface Elevation (ft)
SVE-13	12/28/99	3637.33 (f)	91.20	91.99	0.79	3545.97
	01/25/00		90.76	91.79	1.03	3546.36
	02/14/00*		91.13	92.87	1.74	3545.85
	02/22/00		90.48	91.56	1.08	3546.63
	03/09/00		90.38	92.84	2.46	3546.46
	04/27/00		90.28	92.29	2.01	3546.65
	05/08/00		90.07	92.08	2.01	3546.86
	05/25/00		90.27	92.86	2.59	3546.54
	06/19/00		90.64	92.09	1.45	3546.40
	07/11/00		90.51	91.57	1.06	3546.61
	08/07/00		90.60	93.20	2.60	3546.21
	02/15/01*		91.38	91.40	0.02	3545.95
	08/08/01		91.27	91.80	0.53	3545.95
	02/01/02		91.42	91.67	0.25	3545.86
	02/11/02		91.50	91.71	0.21	3545.79
	03/15/02*		91.36	91.55	0.19	3545.93
	08/05/02*		90.27	90.52	0.25	3547.01
	01/14/03*		91.45	91.74	0.29	3545.82
	10/13/03*		91.43	91.88	0.45	3545.81
	05/26/04*		91.79	93.07	1.28	3545.28
	11/10/04*		91.11	93.17	2.06	3545.81
	04/13/05*		91.22	92.91	1.69	3545.77
	11/29/05*		(a)	91.20	(a)	3546.13
	05/08/06*		91.01	92.35	(a)	3544.98
	12/11/06*		91.03	92.51	1.48	3546.00
	06/18/07*		90.82	92.07	1.25	3546.26
	12/05/07*		91.04	92.22	1.18	3546.05
	05/20/08*		90.88	92.54	1.66	3546.12
	12/08/08*		91.03	92.46	1.43	3546.01
	04/30/09*		90.99	92.42	1.43	3546.05
	01/27/10*		91.18	92.17	0.99	3545.95
	11/15/10*		90.41	90.74	0.33	3546.85
	05/17/11*		91.31	91.89	0.58	3545.90
	12/12/11*		90.58	90.73	0.15	3546.72
	04/23/12*		90.58	90.61	0.03	3546.74
	10/16/12*		(a)	91.54	(a)	3545.79

NOTES:

- (a) Not applicable since no measurable thickness of hydrocarbon is present
- (b) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.8
- (c) TOC elevation based on survey by John West Surveying Co. on 12/28/95
- (d) TOC elevation based on survey by CES (GCR) on 01/09/98
- (e) TOC elevation based on survey by CES (GCR) on 08/11/99
- (f) TOC elevation based on survey by John West Surveying Co. on 12/27/99
w/adjustments: MW-2=+0.06, MW-7 & SVE-1-13=+0.08, MW-10-13=+0.02
- (g) TOC elevation based on survey by John West Surveying Co. on 01/09/03
- "*" Indicates depth measurements on this date were associated with a routine groundwater sampling event

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-1	10/24/93	-	24	29	32	82	-	-	-	-
	12/07/94	-	92	50	54	< 111	-	8.82	-	-
	05/31/95	-	8	13	9	29	-	8.80	-	-
	12/14/95	-	< 200	366	< 200	204	-	9.55	18.7	8090
	02/21/96	757	13	62	29	53	-	-	-	-
	05/16/96	-	15	9	33	47	-	9.68	26.7	14650
	08/14/96	744	11	5	23	30	< 1	8.97	23.2	8490
	11/14/96	-	2.4	4.9	13	9	< 1	8.38	19.7	-
	02/08/97	-	11	13	11	14	< 1	9.32	14.5	9200
	08/09/97	-	14	14	12	12	0	8.92	23.1	8750
	02/25/98	-	6.54	7.66	8.45	7.01	0	9.45	19.7	9340
	08/03/98	-	6.5	6.4	11	11	1.5	8.59	22.4	7450
	02/10/99	-	5	3	14	3	1.3	8.63	22.2	7160
	08/10/99	-	11	10	11	7	0.7	9.08	23.8	7090
	02/14/00	-	7.8	5.4	18	7.8	3.4	9.37	20.6	9240
	10/17/00	-	5.77	4.93	8	5.1	3.3	9.53	21.6	9240
	02/16/01	-	4.07	3.75	8.17	4.42	-	9.98	20.4	12120
	08/08/01	-	8.38	9.79	2.71	7.16	4.2	9.06	21.2	10240
	03/16/02	-	< 5	< 5	< 5	< 5	0.2	8.68	22.8	6460
	08/05/02	-	8.2	12	1.1	5.0	3.2	8.43	21.6	10020
	01/14/03	-	9.2	13	0.61	6.5	0.5	8.94	23.0	6290
	10/15/03	-	2.0	2.5	< 0.50	1.6	0.13	8.98	21.3	6633
	05/26/04	-	11	17	0.92	8.9	1.3	9.07	21.8	5610
	11/11/04	-	9.5	14	0.55	6.3	1.3	9.54	20.7	6120
	04/13/05	-	9.1	14	0.52	6.3	1.8	9.10	21.1	5840
	11/30/05	-	5.6	7.3	< 0.50	3.4	2.43	8.84	20.7	4875
	05/10/06	-	5.3	6.5	< 1	3.4	0.93	9.03	21.0	5375
	12/13/06	-	5.0	6.2	1.8	< 3	1.95	8.83	20.8	3851
	06/20/07	-	5.4	6.2	< 1	2.0	0.89	9.07	21.0	5749
	12/05/07	-	2.6	2.6	< 1	< 2	1.06	-	20.5	5155
	05/20/08	-	5.0	5.8	< 1	< 2	0.93	9.03	21.3	4863
	12/09/08	-	6.4	7.1	< 1	< 2	1.80	8.20	19.5	3075
	04/30/09	-	5.2	6.1	< 1	< 2	1.25	8.79	21.3	5595
	01/27/10	-	< 10	< 10	< 10	< 20	1.25	8.89	20.6	5149
	11/17/10	-	< 10	< 10	< 10	< 20	1.38	8.38	20.5	4566
	05/18/11	-	4.5	2.8	< 1	< 2	1.83	8.08	21.7	4776
	12/12/11	-	6.2	3.3	< 1	< 2	1.83	7.97	14.6	5629
	04/23/12	-	5.0	2.8	2.0	3.0	4.04	8.34	21.3	6021
	10/17/12	-	5.0	2.0	< 1	< 2	1.13	7.90	21.5	4926

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-2	10/19/93	-	< 5	< 5	< 5	< 5	-	-	-	-
	12/07/94	-	6	5	< 2	< 4	-	7.18	-	-
	05/31/95	-	3	< 2	< 2	< 2	-	7.40	-	-
	12/14/95	-	< 2	< 2	< 2	< 2	-	8.26	19.8	3890
	02/20/96	< 50	< 2	< 2	< 2	< 2	-	7.07	22.2	2220
	05/16/96	< 50	< 2	< 2	< 2	< 2	-	7.84	24.4	3950
	08/13/96	-	< 2	< 2	< 2	< 3	3	8.62	27.2	6860
	11/14/96	-	< 2	< 2	< 2	< 2	2	7.67	16.9	-
	02/08/97	-	< 2	< 2	< 2	< 2	4	7.38	13.7	2000
	08/08/97	-	7.3	5.4	< 2	2.7	1.7	7.38	22.0	1701
	02/25/98	-	< 5	< 5	< 5	< 5	2.8	7.56	18.6	1433
	08/03/98	-	< 5	< 5	< 5	< 5	3.6	8.12	22.5	3340
	02/10/99	-	1	< 1	< 1	< 1	2.5	7.53	22.1	1284
	08/10/99	-	2	< 2	< 2	< 2	2.5	7.84	21.8	2000
	02/14/00	-	12	7.4	< 1	3.9	4.3	9.10	20.3	6680
	10/17/00	-	0.831	< 0.500	< 0.500	< 1.00	3.4	8.99	21.0	5010
	02/16/01	-	1.15	< 0.500	< 0.500	< 1.00	2.5	9.21	19.0	5280
	08/08/01	-	2.43	1.04	< 1	< 2	2.8	8.72	20.8	5180
	03/16/02	-	< 5	< 5	< 5	< 5	2.3	8.36	22.2	3550
	08/05/02	-	0.90	< 0.50	< 0.50	< 0.50	4.9	7.74	21.2	4130
	01/14/03	-	5.7	3.5	< 0.50	1.6	1.6	8.17	22.8	2410
	10/15/03	-	1.3	< 0.50	< 0.50	< 0.50	1.53	7.74	20.7	2121
	05/26/04	-	6.1	3.7	< 0.50	2.1	1.6	7.90	21.1	3760
	11/10/04	-	1.3	0.76	< 0.50	< 0.50	1.1	8.49	20.5	2160
	04/13/05	-	16	12	< 0.50	5.5	2.7	8.02	21.0	1430
	11/30/05	-	3.8	2.0	< 0.50	1.4	1.8	7.79	20.4	944
	05/10/06	-	2.9	1.7	< 1	< 3	1.97	7.83	20.3	1653
	12/13/06	-	7.0	4.9	< 1	< 3	2.08	7.77	20.3	1075
	06/20/07	-	5.4	4.7	< 1	< 2	1.40	8.34	20.5	1944
	12/06/07	-	5.1	3.8	< 1	< 2	1.92	8.83	18.2	843
	05/22/08	-	3.7	2.8	< 1	< 2	1.24	8.98	20.4	1261
	12/08/08	-	1.4	1.1	< 1	< 2	1.75	7.66	18.5	887
	04/30/09	-	10	9.8	< 1	3.7	1.64	7.84	21.1	2264
	01/28/10	-	< 1	< 1	< 1	< 2	1.97	7.92	19.1	1264
	11/17/10	-	9.2	6.4	< 1	3.3	1.46	7.71	20.3	1343
	05/18/11	-	4.5	2.4	< 1	< 2	2.37	8.05	20.8	1724
	12/12/11	-	7.4	4.8	< 1	< 2	1.75	8.15	18.5	1925
	04/23/12	-	14	9.1	< 1	5.5	3.34	8.59	20.5	4292
	10/17/12	-	2.0	< 1	< 1	< 2	1.91	7.80	20.6	1421

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-3	10/20/93	-	< 5	< 5	< 5	< 5	-	-	-	-
	12/07/94	-	< 2	< 2	< 2	< 4	-	7.32	-	-
	05/31/95	-	< 2	< 2	< 2	< 2	-	7.70	-	-
	12/14/95	-	< 2	< 2	< 2	< 2	-	7.79	23.0	480
	02/20/96	-	< 2	< 2	< 2	2	-	7.52	22.7	490
	05/16/96	< 50	< 2	< 2	< 2	< 2	-	7.62	27.2	558
	08/13/96	-	< 2	< 2	< 2	< 3	10	7.46	28.9	550
	11/14/96	-	< 2	< 2	< 2	< 2	8	7.37	17.2	-
	02/08/97	-	< 2	< 2	< 2	< 2	8	7.35	15.3	400
	08/09/97	-	< 2	< 2	< 2	< 2	8.1	7.53	21.6	573
	02/25/98	-	< 5	< 5	< 5	< 5	8.1	7.51	18.7	484
	08/03/98	-	< 5	< 5	< 5	< 5	8.5	7.51	21.8	516
MW-4	12/07/94	-	18	71	4	160	-	9.7	-	-
	05/31/95	-	300	1300	< 2	800	-	10.0	-	-
	12/13/95	-	445	1380	< 200	970	-	10.73	17.7	6300
	02/21/96	2520	< 200	454	< 200	460	-	-	-	-
	05/16/96	58800	92	549	52	1370	-	9.93	27.5	9840
	08/14/96	80200	333	992	< 200	2630	< 1	12.89	24.0	6480
	11/14/96	-	260	1010	55	1200	< 1	8.51	21.1	-
	02/08/97	-	240	1000	< 100	1200	< 1	10.73	16.5	7600

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-5	12/07/94	-	9	20	4	64	-	9.29	-	-
	05/31/95	-	51	109	16	219	-	9.00	-	-
	12/12/95	-	27	26	16	107	-	10.40	21.5	12420
	02/21/96	1090	45	59	17	133	-	12.96	20.4	9860
	05/16/96	1710	51	52	26	177	-	8.85	26.7	10110
	08/14/96	28900	48	33	21	150	< 1	9.10	24.4	10620
	11/14/96	-	67	56	32	270	< 1	8.61	22.6	-
	02/08/97	-	75	60	26	140	< 1	9.58	15.3	4200
	08/09/97	-	140	110	47	370	0.6	8.74	26.1	12060
	02/25/98	-	91.8	100	19.5	172.1	0.6	8.97	18.9	11540
	08/04/98	-	110	96	27	190	2.5	8.73	24.0	11760
	02/11/99	-	120	140	18	200	1.3	8.94	17.3	12000
	08/10/99	-	82	76	20	130	1.5	8.71	21.6	11010
	02/14/00	-	110	72	33	200	1.0	8.92	21.3	11980
	10/18/00	-	168	230	30.4	306	3.1	8.63	21.5	9460
	02/15/01	-	104	74.9	26.1	157	1.1	8.61	21.5	10000
	08/09/01	-	106	100	22.5	169.8	1.0	8.37	21.5	8710
	03/17/02	-	92	30.9	14.8	95.6	0.5	8.72	23.1	10780
	08/06/02	-	120	97	23	150	1.6	7.71	22.4	8900
	01/15/03	-	110	53	30	130	1.5	8.51	23.2	9160
	10/14/03	-	93	34	32	62	0.82	8.23	20.8	8217
	05/27/04	-	80	69	28	97	1.60	8.32	20.4	7640
	11/11/04	-	54	50	19	64	1.50	8.47	20.2	6480
	04/13/05	-	110	210	22	210	-	-	-	-
	11/30/05	-	41	46	9.1	54	1.14	8.53	20.7	6131
	05/08/06	-	49	63	< 5	54	0.99	8.66	21.8	6628
	12/12/06	-	21	19	2.9	24	0.81	8.92	20.8	6219
	06/19/07	-	46	56	23	67	0.71	8.70	22.6	6313
	12/06/07	-	27	39	3.7	46	0.85	9.15	20.8	6429
	05/22/08	-	40	75	5.5	87	1.12	8.71	21.3	5424
	12/10/08	-	14	18	1.6	22	0.70	8.73	19.2	5376
	05/01/09	-	8.8	8.2	< 1	12	2.05	8.63	21.5	6514
	01/28/10	-	13	16	< 5	15	0.67	8.77	18.5	4975
	11/17/10	-	17	26	< 5	29	1.07	8.76	20.7	5125
	05/18/11	-	20	37	2.6	40	1.46	8.70	21.4	5642
	12/12/11	-	12	17	1.4	19	1.48	8.86	19.3	4965
	04/24/12	-	14	21	1.8	22	0.71	8.62	21.5	4470
	10/17/12	-	13	20	1.5	19	1.08	9.08	21.5	5249

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-6	12/07/94	-	< 2	3	< 2	< 6	-	8.51	-	-
	05/31/95	-	28	26	4	57	-	9.20	-	-
	12/12/95	-	18	11	3	33	-	9.13	21.6	6150
	02/20/96	277	16	12	6	48	-	9.04	21.7	6000
	05/16/96	618	24	26	10	74	-	9.09	28.4	7880
	08/14/96	27100	24	23	< 20	80	< 1	8.79	23.1	6590
	11/14/96	-	38	31	11	43	< 1	8.62	21.9	-
	02/08/97	-	24	22	11	75	< 1	9.67	17.4	8700
	08/09/97	-	68	58	28	150	0	9.14	24.0	8470
	02/25/98	-	26.1	25.0	13.7	107.0	0.1	9.06	18.4	7390
	08/04/98	-	29	22	24	120	1.9	9.01	24.3	8540
	02/10/99	-	32	37	15	140	-	-	-	-
	08/10/99	-	110	68	110	360	1.5	9.02	21.5	8060
	02/14/00	-	29	18	32	100	1.1	9.28	20.6	8890
	10/18/00	-	26.8	20.1	26.2	92.7	1.0	8.98	21.0	8980
	02/15/01	-	27.9	18.8	31.0	98.5	0.6	9.03	21.0	7230
	08/09/01	-	29.8	21	27.2	87.28	1.1	9.08	20.8	6820
	03/17/02	-	24.9	14.7	16.2	59.8	0.5	9.42	22.4	9010
	08/06/02	-	32	18	23	77	2.1	8.05	21.7	6560
	01/15/03	-	33	20	29	81	0.5	9.36	22.6	7770
	10/14/03	-	36	19	30	89	0.82	9.26	20.1	7011
	05/27/04	-	42	34	27	76	1.5	9.53	19.8	7170
	11/11/04	-	36	19	29	71	1.5	9.33	18.8	5820
	04/14/05	-	34	15	36	65	-	-	-	-
	11/30/05	-	44	39	27	66	1.42	9.18	20.1	5241
	05/09/06	-	40	40	31	57	1.09	9.30	21.2	5890
	12/12/06	-	39	39	25	58	1.20	9.45	20.2	5248
	06/19/07	-	27	39	4.3	47	1.54	9.58	21.7	6363
	12/06/07	-	25	24	23	40	1.11	10.54	20.2	5934
	05/22/08	-	33	36	24	49	0.87	9.41	21.0	5208
	12/10/08	-	35	43	17	41	1.42		17.7	4618
	05/01/09	-	76	120	20	91	1.88	9.40	21.3	8919
	01/28/10	-	21	31	11	20	1.47	9.43	16.6	4529
	11/17/10	-	35	64	13	41	1.42	9.47	20.0	5095
	05/18/11	-	44	77	9.9	48	1.12	9.43	21.8	5501
	12/12/11	-	23	38	7.2	24	1.56	9.81	17.7	6113
	04/24/12	-	26	43	8.7	29	1.19	9.33	21.3	4425
	10/17/12	-	19	24	6.6	16	1.56	9.63	21.1	5879

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-7	12/13/95	-	< 2	< 2	< 2	< 2	-	7.15	19.5	4580
	02/20/96	< 50	2	< 2	< 2	< 2	-	6.47	22.5	6310
	05/15/96	< 50	4	< 2	2	< 2	-	6.57	25.9	7070
	08/14/96	< 50	11	< 2	< 2	< 2	2	6.80	22.3	5270
	11/14/96	-	< 2	< 2	< 2	< 2	< 1	6.79	18.7	-
	02/08/97	-	< 2	< 2	< 2	< 2	1.4	6.97	15.0	5700
	08/08/97	-	< 2	< 2	< 2	< 2	0.9	6.84	22.6	6650
	02/24/98	-	< 5	< 5	< 5	< 5	2.0	6.79	20.3	6730
	08/04/98	-	< 5	5.6	< 5	< 5	2.3	6.80	22.8	7030
	08/10/99	-	< 2	< 2	< 2	< 2	2.5	6.86	21.3	6380
	02/15/00	-	< 1	< 1	2.0	1.1	2.1	6.87	20.4	5650
	10/18/00	-	0.702	< 0.500	< 0.500	< 1.00	2.1	6.67	19.9	4600
	02/15/01	-	0.514	< 0.500	< 0.500	< 1.00	1.5	6.83	20.9	5750
	08/08/01	-	< 1	< 1	< 1	< 2	1.4	6.73	20.8	5330
	03/17/02	-	< 1	1.3	< 1	< 1	1.7	6.87	22.1	5560
	08/06/02	-	< 0.50	< 0.50	1.1	< 0.50	2.9	6.92	22	4380
	01/16/03	-	0.69	< 0.50	< 0.50	< 0.50	1.4	6.67	22.6	5740
	10/15/03	-	0.62	< 0.50	0.56	< 0.50	1.06	6.63	20.5	5515
	06/27/04	-	0.64	< 0.50	1.1	0.63	1.66	6.72	20.7	5517
	11/10/04	-	0.54	< 0.50	0.50	< 0.50	1.49	6.40	20.3	4797
	04/14/05	-	< 0.50	< 0.50	< 0.50	0.51	1.00	6.72	19.7	5290
	11/30/05	-	0.57	< 0.50	0.50	< 0.50	0.94	6.77	20.1	4582
	05/09/06	-	< 1	< 1	< 1	< 1	1.26	6.66	20.7	4163
	12/12/06	-	< 1	< 1	< 1	< 3	1.43	6.97	19.9	4428
	06/18/07	-	< 1	< 1	< 1	< 2	1.27	6.01	20.7	4696
	12/05/07	-	< 1	< 1	< 1	< 2	1.80	-	20.7	3862
	05/21/08	-	< 1	< 1	< 1	< 2	1.41	7.50	21.0	4370
	12/10/08	-	< 1	< 1	< 1	< 2	2.75	6.87	16.9	4040
	04/30/09	-	< 1	< 1	< 1	< 2	1.27	6.58	21.1	4392
	01/27/10	-	< 10	< 10	< 10	< 20	2.10	6.67	20.1	5389
	11/17/10	-	< 10	< 10	< 10	< 20	1.92	6.71	19.6	5306
	05/18/11	-	< 1	< 1	< 1	< 2	1.68	6.79	20.6	5572
	12/12/11	-	< 1	< 1	< 1	< 2	1.88	6.87	19.5	5764
	04/23/12	-	< 1	< 1	< 1	< 2	2.01	6.54	20.4	6037
	10/17/12	-	< 1	< 1	< 1	< 2	1.67	6.96	20.8	6510

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-8	12/12/95	-	227	391	< 200	228	-	8.76	19.7	4790
	02/21/96	1630	191	379	< 20	300	-	9.34	21.2	2920
	05/16/96	1110	47	94	5	91	-	8.43	27.2	6870
	08/14/96	45500	54	110	< 20	93	< 1	8.75	23.6	2440
	11/14/96	-	110	230	11	160	< 1	8.61	21.6	-
	02/08/97	-	98	210	8	130	0.4	9.57	16.9	4000
	08/09/97	-	430	660	< 100	610	0.1	9.17	24.7	5010
	02/26/98	-	248	461	14.9	388.2	1.1	9.36	18.3	4130
	08/04/98	-	200	410	19	340	2.6	9.14	22.5	4080
	02/11/99	-	210	360	15	400	0.8	9.43	19.6	4480
	08/11/99	-	150	290	12	310	0.9	9.37	21.1	4760
	02/14/00	-	150	310	17	280	0.6	9.39	20.6	5030
	10/19/00	-	285	547	27.1	512	2.2	9.38	20.1	4430
	02/16/01	-	255	446	21.2	425	0.0	9.51	20.8	6640
	08/09/01	-	239	430	24.5	442	1.0	9.66	20.9	4260
	03/17/02	-	229	345	< 20	306	0.0	9.35	22.4	8050
	08/06/02	-	120	290	49	210	0.0	9.26	23.3	5990
	01/16/03	-	140	270	12	270	0.0	9.26	22.5	6500
	10/15/03	-	180	340	20	320	0.45	9.32	20.62	7704
	05/27/04	-	190	340	24	360	0.9	9.34	20.6	3960
	11/11/04	-	140	240	14	250	0.6	9.59	20.0	3850
	04/14/05	-	270	200	29	450	-	-	-	-
	12/01/05	-	140	200	13	230	1.07	9.51	19.4	3590
	05/09/06	-	160	350	< 5	240	1.33	9.58	21.3	3824
	12/12/06	-	160	330	14	310	0.89	9.67	19.9	4040
	06/19/07	-	260	290	25	460	0.58	9.19	21.2	6189
	12/06/07	-	230	380	23	430	0.60	10.34	20.2	5676
	05/21/08	-	140	240	12	260	0.78	9.25	21.1	4534
	12/10/08	-	270	100	28	450	0.81	9.22	18.5	7008
	05/01/09	-	230	140	23	420	2.10	9.28	21.2	3885
	01/28/10	-	100	190	< 10	180	1.00	9.45	19.2	5869
	11/17/10	-	110	210	12	230	1.30	9.52	20.2	3636
	05/18/11	-	150	230	15	280	0.87	9.53	21.5	4527
	12/12/11	-	86	150	8.0	160	1.59	9.53	19.6	3545
	04/24/12	-	150	190	16	280	1.08	9.39	21.5	3700
	10/17/12	-	260	30	21	650	1.22	9.41	20.7	3430

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-9	12/12/95	-	< 200	241	< 200	383	-	7.17	23.2	14520
	02/21/96	2540	331	662	< 200	< 200	-	-	-	-
	05/16/96	42100	460	450	< 200	1650	-	6.93	30.1	17580
	08/14/96	46200	250	340	< 50	800	-	-	26.8	11640
	11/14/96	-	240	410	28	780	< 1	8.72	23.2	-
	02/08/97	-	250	480	< 100	930	< 1	7.50	18.9	17700
	08/09/97	-	490	810	< 100	1100	1.3	7.20	25.9	17080
	02/25/98	-	251	693	< 50	845	0	7.21	19.4	19960
	08/04/98	-	190	460	28	680	1.2	7.31	22.3	-
	02/11/99	-	230	510	25	580	1.2	7.25	20.1	17460
	08/11/99	-	210	430	20	560	2.3	7.34	21.5	16650
	02/14/00	-	190	280	32	670	1.8	7.35	21.1	16600
	10/19/00	-	240	108	28.9	711	2.3	7.38	20.9	14880
	02/15/01	-	176	85.9	25.7	638	1.4	7.41	20.9	16150
	08/09/01	-	176	50.8	22.8	534	1.0	7.29	21.3	15180
	03/17/02	-	197	< 100	< 100	466	0.6	7.27	22.8	17130
	08/06/02	-	220	45	53	530	1.6	7.20	21.4	14810
	01/16/03	-	260	94	23	700	0.6	7.25	22.8	16050
	10/15/03	-	240	200	32	690	1.08	7.27	21.3	15490
	05/27/04	-	250	110	34	660	0.8	7.10	20.6	14600
	11/11/04	-	270	81	28	670	1.3	7.20	18.8	12540
	04/14/05	-	220	140	22	610	-	-	-	-
	12/01/05	-	280	78	27	770	1.51	7.50	19.5	11970
	05/09/06	-	410	180	58	1100	1.00	7.41	21.4	12370
	12/12/06	-	410	120	32	1200	0.80	7.67	20.0	12140
	06/19/07	-	290	110	30	860	0.69	8.24	22.1	12910
	12/06/07	-	340	15	28	850	1.44	7.53	20.2	12180
	05/21/08	-	230	83	24	740	0.95	7.85	21.9	11960
	12/10/08	-	240	50	25	730	0.90	7.43	18.9	12220
	05/01/09	-	260	34	26	790	1.74	6.85	21.3	14180
	01/28/10	-	240	< 10	20	630	1.02	7.67	18.2	10390
	11/18/10	-	240	140	24	670	1.49	7.09	20.5	13920
	05/18/11	-	260	66	28	790	1.29	7.27	21.2	13470
	12/12/11	-	250	48	28	750	1.29	7.43	19.4	12070
	04/24/12	-	230	39	26	690	1.10	7.42	21.3	9986
	10/17/12	-	120	190	13	230	1.22	7.30	21.4	9954

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-10	01/09/98	-	49	37	4.3	71	-	-	-	-
	02/25/98	-	60.3	46.3	< 5	79.1	0.7	6.74	18.7	953
	08/04/98	-	56	39	5.4	85	3.0	6.81	23.8	11040
	02/11/99	-	56	24	5	89	0.9	6.87	16.7	9860
	08/11/99	-	33	7	3	32	1.5	6.88	20.8	9320
	02/15/00	-	46	9.0	4.5	32	1.7	6.88	20.5	9600
	10/19/00	-	21.9	2.7	1.57	16.1	2.0	6.85	20.4	9060
	02/15/01	-	18.7	2.18	1.28	18.8	1.4	6.89	21.1	10200
	08/09/01	-	17.8	2.21	1.22	16.49	1.0	6.85	20.5	10060
	03/16/02	-	35.4	7.00	< 0.5	26.9	1.0	6.93	21.8	11550
	08/06/02	-	23	2.7	2.4	31	0.8	6.94	23.3	11600
	01/16/03	-	20	4.1	2.4	36	1.2	6.89	22.0	11790
	10/14/03	-	22	3.2	3.5	22	2.14	6.82	20.7	11850
	05/27/04	-	25	4.5	4.5	46	0.9	6.89	20.5	11450
	11/11/04	-	30	4.1	4.5	53	1.04	7.21	19.6	11520
	04/13/05	-	26	3.2	3.1	33	-	-	-	-
	12/01/05	-	34	3.5	3.9	45	0.89	7.03	19.2	10060
	05/09/06	-	33	< 1	< 1	48	1.16	6.93	20.3	10580
	12/12/06	-	34	< 1	< 1	51	1.22	6.81	19.8	10400
	06/19/07	-	34	1.6	4.5	52	1.03	6.85	20.7	10850
	12/06/07	-	40	3.6	5.9	85	1.11	6.75	20.0	10350
	05/21/08	-	36	2.0	5.3	69	1.43	7.64	20.9	9611
	12/09/08	-	38	2.6	5.7	67	1.20	6.95	18.8	9994
	05/01/09	-	35	3.8	6.0	75	2.26	6.59	20.9	11570
	01/28/10	-	40	< 5	6.8	100	1.05	7.08	19.2	9956
	11/18/10	-	37	< 5	6.0	80	1.74	6.57	20.5	11680
	05/18/11	-	43	< 5	8.2	100	1.37	7.03	21.3	11250
	12/12/11	-	45	< 5	7.9	91	0.93	7.06	18.9	11090
	04/24/12	-	43	< 5	8.4	72	1.62	6.88	21.7	9955
	10/17/12	-	31	1.2	5.6	22	1.45	6.75	21.0	9722

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-11	01/10/98	-	360	320	19	490	-	-	-	-
	02/25/98	-	466	439	23.7	570	2.1	6.61	18.7	13670
	08/04/98	-	490	590	32	650	3.2	6.67	21.3	14570
	02/11/99	-	610	610	31	670	2.2	6.65	19.7	15560
	08/11/99	-	430	370	30	640	2.1	6.71	21.1	14950
	02/14/00	-	440	280	38	620	2.9	6.76	20.7	14730
	10/19/00	-	453	197	29.1	652	2.6	6.81	20.5	13470
	02/16/01	-	505	165	26.3	686	1.7	6.74	20.9	14090
	08/09/01	-	190	80.3	13.7	290.7	1.6	6.78	20.8	12950
	03/17/02	-	436	60.3	< 50	428	1.8	6.84	22.1	13650
	08/06/02	-	420	41	55	520	1.0	6.85	23.2	13430
	01/16/03	-	380	48	19	400	1.7	6.76	22.5	13250
	10/14/03	-	420	44	31	570	1.94	6.84	20.4	13210
	05/27/04	-	360	50	33	550	2.37	6.80	19.7	14900
	11/11/04	-	470	40	32	650	2.07	7.11	19.6	11930
	04/13/05	-	420	30	27	570	-	-	-	-
	11/30/05	-	410	34	28	610	1.04	6.75	20.2	11550
	05/09/06	-	500	64	46	730	2.02	6.85	20.9	11171
	12/12/06	-	630	52	40	940	1.20	6.66	19.4	11250
	06/19/07	-	420	38	30	670	1.31	6.83	21.3	12200
	12/06/07	-	400	32	29	600	1.45	6.71	20.0	10930
	05/21/08	-	460	38	35	840	2.00	7.48	21.0	10370
	12/09/08	-	430	37	32	720	1.94	6.83	17.9	10860
	05/01/09	-	360	30	30	670	2.01	6.52	20.9	12570
	01/28/10	-	330	23	24	560	1.32	7.02	19.0	10800
	11/18/10	-	430	75	33	750	0.75	6.82	21.6	13740
	05/18/11	-	520	55	44	1000	1.86	6.89	20.9	12980
	12/12/11	-	410	22	32	730	1.79	6.91	18.2	12630
	04/24/12	-	440	29	37	820	1.42	6.95	20.8	13410
	10/16/12	-	460	< 10	34	770	1.75	6.45	20.2	10860

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-12	01/10/98	-	< 0.5	< 0.5	< 0.5	< 0.5	-	-	-	-
	02/24/98	-	< 5	< 5	< 5	< 5	6.8	7.67	20.6	547
	08/04/98	-	< 1	< 1	< 1	< 1	7.4	7.67	21.3	617
	02/10/99	-	< 1	< 1	< 1	< 1	7.5	7.61	21.3	659
	08/10/99	-	< 2	< 2	< 2	< 2	7.6	7.65	20.9	686
	02/15/00	-	< 1	< 1	< 1	< 1	6	7.64	20.6	737
	10/19/00	-	< 0.500	< 0.500	< 0.500	< 1.00	5.4	7.55	20.3	748
	02/15/01	-	< 0.500	< 0.500	< 0.500	< 1.00	5.1	7.60	21.0	821
	08/09/01	-	< 1	< 1	< 1	< 2	4.3	7.43	20.8	839
	03/16/02	-	< 1	13	< 1	< 1	2.8	7.54	21.9	1030
	08/06/02	-	< 0.50	< 0.50	< 0.50	< 0.50	2.4	7.52	23.0	1083
	01/15/03	-	0.77	< 0.50	< 0.50	< 0.50	2.0	7.46	22.7	1190
	10/14/03	-	< 0.50	< 0.50	< 0.50	< 0.50	2.43	7.29	19.7	1369
	05/26/04	-	2.9	< 0.50	< 0.50	1.8	2.17	7.29	21.3	1707
	11/11/04	-	4.6	< 0.50	< 0.50	2.0	2.37	7.89	17.9	1506
	04/13/05	-	3.5	< 0.50	< 0.50	1.3	-	-	-	-
	11/30/05	-	4.4	< 0.50	< 0.50	1.5	1.45	7.25	20.0	1555
	05/09/06	-	3.9	< 1	< 1	< 1	2.10	7.26	20.5	1612
	12/12/06	-	3.8	< 1	< 1	< 3	2.01	6.95	19.9	1885
	06/19/07	-	3.7	< 1	< 1	< 2	1.68	6.85	20.7	1961
	12/06/07	-	3.3	< 1	< 1	< 2	1.44	6.99	19.9	1971
	05/21/08	-	2.8	< 1	< 1	< 2	1.39	7.69	20.6	1911
	12/09/08	-	3.0	< 1	< 1	< 2	1.98	7.08	18.5	2207
	05/01/09	-	1.2	< 1	< 1	< 2	3.91	6.58	20.5	2762
	01/27/10	-	< 1	< 1	< 1	< 2	2.61	6.87	20.0	2452
	11/17/10	-	< 1	< 1	< 1	< 2	2.29	6.97	19.9	3035
	05/18/11	-	< 1	< 1	< 1	< 2	1.74	6.73	21.2	3519
	12/12/11	-	< 1	< 1	< 1	< 2	3.44	6.87	17.1	3480
	04/24/12	-	< 1	< 1	< 1	< 2	1.99	6.92	20.7	3653
	10/16/12	-	< 1	< 1	< 1	< 2	2.90	6.48	20.7	3209

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-13	12/15/99	-	< 1	< 2	< 2	< 4	-	-	-	-
	02/14/00	-	< 1	< 1	< 1	1.3	1.8	6.83	20.4	4900
	10/19/00	-	< 0.500	< 0.500	< 0.500	< 1.00	3.7	6.82	19.7	4620
	02/15/01	-	< 0.500	< 0.500	< 0.500	< 1.00	1.5	6.79	21.0	5070
	08/09/01	-	< 1	< 1	< 1	< 2	1.6	6.69	20.8	4820
	03/16/02	-	< 1	< 1	< 1	< 1	1.4	6.79	21.0	5430
	08/06/02	-	< 0.50	< 0.50	< 0.50	< 0.50	1.8	6.80	23.2	5300
	01/15/03	-	< 0.50	< 0.50	< 0.50	< 0.50	1.5	6.80	22.5	5290
	10/14/03	-	< 0.50	< 0.50	0.97	< 0.50	1.71	6.59	20.5	5264
	06/26/04	-	< 0.50	< 0.50	1.5	< 0.50	1.72	6.59	21.0	5926
	11/11/04	-	< 0.50	< 0.50	1.3	< 0.50	1.84	7.04	19.5	4903
	04/13/05	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	11/30/05	-	< 0.50	< 0.50	< 0.50	< 0.50	0.92	6.66	20.0	4298
	05/09/06	-	< 1	< 1	2.0	< 1	1.23	6.59	20.2	4295
	12/12/06	-	< 1	< 1	< 1	< 3	2.01	6.54	19.8	4352
	06/19/07	-	< 1	< 1	< 1	< 2	1.12	6.28	20.7	4434
	12/06/07	-	< 1	< 1	< 1	< 2	1.48	6.80	19.7	4377
	05/21/08	-	< 1	< 1	< 1	< 2	1.55	7.51	21.0	4003
	12/09/08	-	< 1	< 1	< 1	< 2	1.79	6.69	17.8	4198
	05/01/09	-	< 1	< 1	< 1	< 2	3.91	6.14	20.9	5040
	01/27/10	-	< 1	< 1	< 1	< 2	1.51	6.63	20.0	4450
	11/16/10	-	< 5	< 5	< 5	< 10	3.20	6.62	20.1	4859
	05/18/11	-	< 1	< 1	< 1	< 2	1.42	6.54	20.6	5125
	12/12/11	-	< 1	< 1	< 1	< 2	1.50	6.46	19.2	5081
	04/24/12	-	< 1	< 1	< 1	< 2	1.67	6.80	21.0	5171
	10/16/12	-	< 1	< 1	< 1	< 2	1.87	6.23	21.7	4541
MW-14	12/14/02	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	01/15/03	-	< 0.50	< 0.50	< 0.50	< 0.50	2.3	6.78	22.7	2780
	10/14/03	-	< 0.50	< 0.50	< 0.50	< 0.50	2.49	6.60	20.1	2701
	05/27/04	-	< 0.50	< 0.50	< 0.50	< 0.50	1.1	6.68	20.5	2500
	11/11/04	-	< 0.50	< 0.50	< 0.50	< 0.50	1.66	7.26	19.1	2558
	04/13/05	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	11/30/05	-	< 0.50	< 0.50	< 0.50	< 0.50	1.31	6.77	20.0	2185
	05/09/06	-	< 1	< 1	< 1	< 1	1.85	6.68	21.6	2361
	12/12/06	-	< 1	< 1	< 1	< 3	2.22	6.77	19.7	2320
	06/19/07	-	< 1	< 1	< 1	< 2	1.40	6.72	21.6	2415
	12/06/07	-	< 1	< 1	< 1	< 2	1.50	6.52	19.8	2255
	05/22/08	-	< 1	< 1	< 1	< 2	1.54	7.20	20.9	1853
	12/10/08	-	< 1	< 1	< 1	< 2	1.54	6.89	19.0	2150
	05/01/09	-	< 1	< 1	< 1	< 2	2.92	6.17	21.3	2490
	01/27/10	-	< 1	< 1	< 1	< 2	1.94	6.72	19.6	2050
	11/17/10	-	< 1	< 1	< 1	< 2	2.59	6.81	20.0	2204
	05/18/11	-	< 1	< 1	< 1	< 2	1.78	6.67	21.0	2394
	12/12/11	-	< 1	< 1	< 1	< 2	2.35	6.91	18.7	2194
	04/24/12	-	< 1	< 1	< 1	< 2	2.23	6.71	20.7	2321
	10/17/12	-	< 1	< 1	< 1	< 2	2.00	6.90	20.8	2268

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
MW-15	12/14/02	-	0.51	0.64	1.3	< 0.50	-	-	-	-
	01/15/03	-	< 0.50	< 0.50	1.6	0.52	2.6	6.71	22.7	5750
	10/14/03	-	< 0.50	< 0.50	2.5	< 0.50	3.05	6.54	20.2	5540
	05/26/04	-	0.52	< 0.50	2.8	1.2	2.19	6.52	21.0	6654
	11/11/04	-	< 0.50	< 0.50	2.4	< 0.50	1.47	6.88	19.1	5763
	04/13/05	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	11/30/05	-	< 0.50	< 0.50	< 0.50	< 0.50	1.50	6.60	20.0	4905
	05/09/06	-	< 1	< 1	3.1	< 1	2.43	6.64	20.6	4762
	12/12/06	-	< 1	< 1	< 1	< 3	1.85	6.48	19.8	4895
	06/19/07	-	< 1	< 1	< 1	< 2	2.53	6.46	21.4	4794
	12/06/07	-	< 1	< 1	< 1	< 2	1.26	6.50	20.0	4948
	05/21/08	-	< 1	< 1	< 1	< 2	3.37	7.54	20.7	4254
	12/09/08	-	< 1	< 1	< 1	< 2	1.95	6.64	17.6	4435
	05/01/09	-	< 1	< 1	< 1	< 2	2.97	6.17	21.0	5234
	01/27/10	-	< 10	< 10	< 10	< 20	2.46	6.63	20.0	4340
	11/16/10	-	< 10	< 10	< 10	< 20	2.39	6.67	19.8	4687
	05/18/11	-	< 1	< 1	< 1	< 2	1.72	6.53	21.1	5495
	12/12/11	-	< 1	< 1	< 1	< 2	2.60	6.74	18.1	4900
	04/24/12	-	< 1	< 1	< 1	< 2	2.68	6.72	21.0	5648
	10/16/12	-	< 1	< 1	< 1	< 2	3.15	6.34	20.3	4414
MW-16	12/14/02	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	01/15/03	-	< 0.50	< 0.50	< 0.50	< 0.50	5.7	7.52	22.4	1309
	10/14/03	-	< 0.50	< 0.50	< 0.50	< 0.50	5.1	7.13	20.4	1423
	06/26/04	-	< 0.50	< 0.50	< 0.50	< 0.50	5.44	7.07	20.8	1749
	11/11/04	-	< 0.50	< 0.50	< 0.50	< 0.50	5.25	7.55	19.2	1590
	04/13/05	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	12/01/05	-	< 0.50	< 0.50	< 0.50	< 0.50	4.55	7.19	19.5	1427
	05/09/06	-	< 1	< 1	< 1	< 1	5.60	7.07	20.3	1529
	12/12/06	-	< 1	< 1	< 1	< 3	5.29	6.94	19.6	1618
	06/19/07	-	< 1	< 1	< 1	< 2	4.90	6.82	21.2	1676
	12/06/07	-	< 1	< 1	< 1	< 2	4.25	7.01	19.5	1612
	05/21/08	-	< 1	< 1	< 1	< 2	4.36	7.74	21.0	1711
	12/09/08	-	< 1	< 1	< 1	< 2	4.60	7.09	18.5	1540
	05/01/09	-	< 1	< 1	< 1	< 2	6.04	6.66	21.1	1830
	01/27/10	-	< 1	< 1	< 1	< 2	3.62	6.93	20.0	1656
	11/16/10	-	< 1	< 1	< 1	< 2	3.86	7.00	2.2	1786
	05/18/11	-	< 1	< 1	< 1	< 2	4.80	6.93	20.5	1947
	12/12/11	-	< 1	< 1	< 1	< 2	5.25	6.76	18.2	1976
	04/24/12	-	< 1	< 1	< 1	< 2	4.56	7.09	21.1	1909
	10/16/12	-	< 1	< 1	< 1	< 2	4.28	6.90	21.0	1846

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
Water Well	05/31/95	-	< 2	< 2	< 2	< 2	-	8.20	-	-
	12/14/95	-	< 2	< 2	< 2	< 2	-	8.53	22.9	1160
	02/21/96	-	< 2	< 2	< 2	< 2	-	9.06	23.3	1390
	05/16/96	< 50	< 2	< 2	< 2	< 2	-	7.52	27.3	1320
	08/14/96	-	< 2	< 2	< 2	< 3	-	-	-	-
	11/14/96	-	< 2	< 2	< 2	< 2	< 1	7.52	-	-
	02/08/97	-	< 2	< 2	< 2	< 2	0.8	8.45	20.2	1200
	08/09/97	-	< 2	< 2	< 2	< 2	1.1	8.11	24.9	1338
	02/26/98	-	< 5	< 5	< 5	< 5	0.8	7.56	20.6	1221
	08/04/98	-	< 1	< 1	< 1	< 1	1.4	8.12	22.2	1362
	02/11/99	-	< 1	< 1	< 1	< 1	-	-	-	-
	08/11/99	-	< 2	< 2	< 2	< 2	-	-	-	-
	02/15/00	-	< 1	< 1	< 1	< 1	0.9	8.18	22.3	1325
	02/16/01	-	< 0.500	< 0.500	< 0.500	< 1.00	-	-	-	-
	08/09/01	-	< 1	< 1	< 1	< 2	5.0	8.31	27.0	1292
	03/17/02	-	< 1	< 1	< 1	< 1	1.8	8.17	23.8	1310
	08/06/02	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	01/16/03	-	< 0.50	< 0.50	< 0.50	< 0.50	2.5	7.99	23.9	1310
	10/15/03	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	05/27/04	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	11/10/04	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	04/13/05	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	11/30/05	-	< 0.50	< 0.50	< 0.50	< 0.50	-	-	-	-
	05/08/06	-	< 1	< 1	< 1	< 1	-	-	-	-
	12/12/06	-	< 1	< 1	< 1	< 3	1.32	7.97	20.3	1186
	06/18/07	-	< 1	< 1	< 1	< 2	3.52	6.90	22.6	1388
	12/05/07	-	< 1	< 1	< 1	< 2	4.33	-	22.2	1221
	05/20/08	-	< 1	< 1	< 1	< 2	1.73	8.15	22.6	1359
	12/10/08	-	< 1	< 1	< 1	< 2	1.73	8.15	22.6	1359
	04/30/09	-	< 1	< 1	< 1	< 2	-	-	-	-
	01/27/10	-	< 1	< 1	< 1	< 2	1.25	8.05	21.15	1353
	11/17/10	-	< 1	< 1	< 1	< 2	0.77	8.05	21.29	1284
	05/18/11	-	< 1	< 1	< 1	< 2	1.20	7.94	22.78	1386
	12/12/11	-	< 1	4.8	< 1	< 2	7.02	8.00	21.36	1357
	04/23/12	-	< 1	< 1	< 1	< 2	0.09	7.57	22.85	1363
	10/17/12	-	< 1	< 1	< 1	< 2	7.88	8.39	22.34	1409

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
SVE-2	12/13/95	-	< 200	231	< 200	202	< 1	9.50	21.4	5820
	02/20/96	< 500	133	191	< 2	72	2	9.05	22.0	4750
	10/17/00	-	1.72	< 0.500	< 0.500	3.19	1.8	7.28	21.9	3190
	02/16/01	-	1.76	1.12	< 0.500	4.16	0.8	7.74	23.8	3930
	08/08/01	-	1.62	< 1	< 1	< 2	1.3	7.37	23.1	2870
	03/17/02	-	1.1	1.5	< 1	< 1	1.2	7.52	24.4	3750
	08/06/02	-	2.8	2.9	< 0.50	0.51	1.2	7.31	24.3	3630
	01/15/03	-	0.89	0.79	< 0.50	0.66	0.6	7.51	25.2	3670
	10/15/03	-	2.7	1.2	< 0.50	0.94	0.9	9.13	23.3	5777
	05/27/04	-	6.0	4.0	< 0.50	2.2	1.76	7.20	22.1	3241
	11/10/04	-	0.88	< 0.50	< 0.50	< 0.50	1.2	7.92	22.7	3795
	04/13/05	-	39	59	1.2	13	1.3	7.79	23.0	2990
	11/30/05	-	1.1	< 0.50	< 0.50	< 0.50	0.77	7.35	22.4	2360
	05/09/06	-	2.4	1.1	< 1	< 3	1.25	7.24	23.0	2454
	12/13/06	-	1.1	< 1	< 1	< 3	1.13	7.04	22.2	1988
	06/20/07	-	5.1	2.1	< 1	< 2	1.06	7.36	22.7	2099
	12/05/07	-	2.6	< 1	< 1	< 2	1.38	-	22.2	1970
	05/20/08	-	50	61	< 1	19	1.73	8.05	22.6	1987
	12/09/08	-	5.2	< 1	< 1	< 2	1.30	7.45	20.6	1579
	04/30/09	-	16	14	< 1	4.6	1.69	7.04	22.4	2000
	01/28/10	-	7.5	2.7	< 1	< 2	1.13	9.93	21.4	5205
	11/16/10	-	21	19	< 1	6.3	0.18	8.36	21.4	3687
	05/18/11	-	11	3.1	< 1	4.3	1.02	7.78	22.3	3668
	12/12/11	-	11	5.8	< 1	3.4	1.70	7.83	20.6	2126
	04/23/12	-	9.3	2.2	< 1	2.7	1.29	6.83	22.5	1530
	10/17/12	-	6.9	2.3	< 1	< 2	3.05	7.98	22.3	1845

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
SVE-5	10/18/00	-	754	2010	158	3150	-	-	-	-
	02/16/01	-	166	508	48.4	1210	-	-	-	-
	08/08/01	-	917	2590	114	3228	-	-	-	-
	03/16/02	-	1110	1770	< 200	1920	-	-	-	-
	08/06/02	-	300	1100	80	1400	0.2	8.59	24.6	16000
	01/14/03	-	570	1800	130	2900	-	-	-	-
	10/15/03	-	700	2500	150	4700	-	-	-	-
	05/26/04	-	550	1700	110	1900	0.8	9.72	24.3	16150
	11/11/04	-	580	1800	96	2000	1.2	9.80	21.3	12180
	04/13/05	-	370	1100	63	1400	1.3	9.69	23.4	15740
	11/30/05	-	250	580	51	1000	1.46	9.55	22.5	12880
	05/09/06	-	1000	670	< 20	3000	1.15	9.36	23.8	11410
	12/13/06	-	250	700	< 50	960	1.12	10.01	22.2	16490
	06/19/07	-	400	1100	66	1500	1.27	10.15	23.2	17060
	12/05/07	-	560	1600	84	1900	1.20	-	22.2	15700
	05/20/08	-	640	1800	86	2100	1.31	9.55	23.0	14430
	12/09/08	-	400	1200	52	1400	1.33	9.45	21.0	11660
	04/30/09	-	500	1500	69	1700	1.23	9.40	22.4	16100
	01/27/10	-	310	850	43	980	1.22	9.98	21.9	16300
	11/16/10	-	490	1600	68	1600	0.50	9.37	20.5	11720
	05/17/11	-	160	420	29	540	0.56	8.97	23.0	10960
	12/12/11	-	400	1100	55	1200	2.58	9.73	19.2	14270
	04/23/12	-	430	1100	63	1300	2.97	9.23	23.1	11210
	10/17/12	-	470	1700	73	1700	1.54	9.80	22.4	15940

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
SVE-6	10/18/00	-	125	322	28.3	652	-	-	-	-
	02/16/01	-	143	337	29.7	943	-	-	-	6920
	08/08/01	-	102	218	6.09	275.5	3.8	10.36	22.5	8040
	03/16/02	-	119	264	< 5	256	1.1	10.42	23.8	8730
	08/05/02	-	230	710	87	470	4.6	8.46	23.1	8210
	01/15/03	-	180	440	65	380	1.0	10.42	24.1	13920
	10/15/03	-	57	140	11	92	3.22	9.53	22.5	9851
	05/26/04	-	81	200	17	190	1.6	9.60	23.1	9150
	11/11/04	-	230	570	35	420	2.24	9.82	20.7	7250
	04/13/05	-	100	250	12	200	0.80	10.19	22.2	8900
	11/30/05	-	160	340	18	210	1.67	9.41	20.8	7628
	05/08/06	-	420	2000	< 10	1000	0.91	9.82	24.2	9026
	12/12/06	-	260	610	< 10	330	1.12	8.80	21.5	6416
	06/19/07	-	300	750	16	470	1.60	9.57	23.5	8817
	12/05/07	-	200	450	< 10	260	1.91	-	21.3	10000
	05/20/08	-	170	370	< 10	170	1.36	9.43	22.0	8473
	12/09/08	-	69	150	< 10	97	2.40	9.57	20.1	8098
	04/30/09	-	180	400	< 10	130	1.30	9.65	22.9	9893
	01/27/10	-	130	270	< 10	130	1.76	10.42	21.9	10620
	11/16/10	-	91	190	< 10	86	1.13	10.03	21.5	5348
	05/17/11	-	150	320	< 5	140	1.65	9.92	22.9	5955
	12/12/11	-	200	400	< 5	220	2.05	10.04	19.3	9009
	04/23/12	-	190	370	< 10	180	6.02	9.89	21.0	8505
	10/17/12	-	150	300	< 10	130	1.81	10.16	21.7	9680

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
SVE-7	10/17/00	-	6.16	0.936	< 0.500	2.01	2.3	7.95	22.1	8170
	02/16/01	-	7.66	0.851	< 0.500	1.98	-	8.13	20.9	8020
	08/08/01	-	22.6	3.99	1.43	13.61	4.5	7.93	21.8	9950
	03/16/02	-	8.3	< 5	< 5	< 5	0.9	7.95	23.7	12680
	08/05/02	-	3.4	< 0.50	< 0.50	< 0.50	2.9	7.37	22.6	6240
	01/15/03	-	4.1	< 0.50	< 0.50	< 0.50	2.7	8.16	22.4	6310
	10/15/03	-	4.7	< 0.50	< 0.50	1.3	1.48	7.78	22.4	8076
	05/27/04	-	7.0	0.75	< 0.50	1.8	1.8	7.84	22.0	7070
	11/10/04	-	3.0	< 0.50	< 0.50	< 0.50	1.21	7.80	21.6	9294
	04/13/05	-	14	1.2	0.53	3.9	1.80	7.80	22.1	6320
	11/30/05	-	21	3.9	0.74	8.0	1.43	7.76	21.8	5567
	05/10/06	-	6.8	< 1	< 1	< 3	1.71	7.62	21.8	6604
	12/13/06	-	16	1.0	< 1	< 3	2.06	7.59	21.4	6034
	06/20/07	-	5.7	< 1	< 1	< 2	0.96	7.53	22.0	7339
	12/05/07	-	2.8	< 1	< 1	< 2	1.43	-	21.3	5703
	05/22/08	-	4.3	< 1	< 1	< 2	1.06	8.40	21.6	5979
	12/09/08	-	8.0	< 1	< 1	< 2	1.89	7.63	19.9	5315
	04/30/09	-	7.5	< 1	< 1	< 2	1.37	7.38	22.1	6370
	01/28/10	-	< 1	< 1	< 1	< 2	1.27	8.50	20.7	8837
	11/17/10	-	< 10	< 10	< 10	< 20	1.64	8.01	20.5	7164
	05/18/11	-	5.3	< 1	< 1	< 2	1.60	8.77	21.9	8672
	12/12/11	-	19	2.4	< 1	4.8	1.63	7.96	20.1	6870
	04/23/12	-	16	1.8	< 1	3.9	4.55	8.78	21.6	8578
	10/17/12	-	25	3.2	< 1	5.4	1.51	8.64	21.8	7424

**Table 2. Summary of Groundwater Analyses
Organics and Field Measured Parameters
TW Bell Lake Gas Plant**

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylenes	DO (mg/L)	pH (units)	Temp. (C)	Conductivity (uS/cm)
NMWQCC Standard		none	10	750	750	620	none	6-9	none	none
SVE-11	10/18/00	-	552	1680	47.0	920	4.2	10.22	21.2	19500
	02/16/01	-	497	1670	83.6	1180	-	-	20.7	14540
	08/08/01	-	468	1780	53.1	1123	3.2	10.12	21.9	15840
	03/16/02	-	721	1410	< 200	897	0.0	10.21	23.7	1672
	08/06/02	-	530	1800	100	1100	0.5	9.24	23.2	13510
	01/15/03	-	170	540	36	340	-	-	-	-
	10/15/03	-	280	1100	41	670	1.06	10.11	22.4	13770
	05/27/04	-	520	1600	77	1100	0.5	10.20	22.8	11890
	11/11/04	-	580	1800	82	1600	1.2	10.30	20.5	11470
	04/14/05	-	460	1400	57	960	1.1	10.18	21.3	15250
	11/30/05	-	550	1700	74	1200	1.01	10.14	21.6	11440
	05/09/06	-	600	2000	< 20	870	-	-	-	-
	12/13/06	-	500	1500	< 50	1100	0.99	10.45	21.8	12730
	06/19/07	-	310	980	34	710	0.42	10.20	22.1	12660
	12/05/07	-	560	1600	63	1300	0.72	-	22.7	11190
	05/22/08	-	500	1500	54	1200	1.85	11.47	22.0	9949
	12/09/08	-	460	1400	49	1000	1.80	10.21	19.5	9839
	04/30/09	-	310	1100	39	640	0.73	9.98	22.4	14660
	01/28/10	-	250	830	31	640	1.23	10.30	21.6	11490
	11/17/10	-	270	870	33	640	0.13	10.32	23.5	9254
	05/17/11	-	160	510	22	390	0.47	9.89	22.9	8982
	12/12/11	-	74	220	< 10	160	2.02	9.96	20.2	8896
	04/24/12	-	340	900	43	890	2.40	9.93	22.97	8392
	10/17/12	-	300	890	38	750	1.19	10.12	25.07	7131

Notes:

Values exceeding NMWQCC standards are shown in bold type

TPH - Total Petroleum Hydrocarbons by Method 8015 mod (gasoline fraction)

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-1	12/07/94	7100	-	-	140	-	.06 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	5800	1290	2620	78.3	2.0	0.37	0.04	62.7	114	12.6	1400	0.07	0.32	< 0.01	< 0.01	< 0.01	0.73	< 0.03	< 0.0002	0.28	< 0.04	< 0.01	< 0.03
	12/14/95	5640	-	2500	176	3.0	30	0.02	34.3	75.8	9.48	2400	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	5050	-	2450	155	< 0.50	< 0.05	0.04	35.8	112	11.7	1550	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	5610	-	2350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	5090	-	2050	-	-	-	-	-	-	-	-	< 0.03	0.30	< 0.01	< 0.01	0.01	1.7	< 0.03	< 0.0002	0.10	< 0.04	< 0.01	0.12
	02/25/98	5700	-	2140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/03/98	3600	-	2215	-	-	-	-	-	-	-	-	< 0.1	0.184	0.005	< 0.01	< 0.01	0.10	< 0.05	< 0.0002	0.063	< 0.1	< 0.01	< 0.02
	02/10/99	5250	-	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	6670	-	2600	-	-	-	-	-	-	-	-	0.085	0.159	< 0.002	< 0.005	< 0.002	0.053	< 0.025	< 0.0002	0.017	< 0.02	< 0.003	< 0.01
	10/17/00	4470	-	1790	-	-	-	-	-	-	-	-	0.0845	0.211	-	-	-	-	-	-	0.0770	-	-	-
	08/08/01	4650	-	1830	-	-	-	-	-	-	-	-	0.0952	0.195	-	-	-	-	-	-	0.0535	-	-	-
	08/05/02	4000	-	1500	-	-	-	-	-	-	-	-	0.058	0.18	-	-	-	-	-	-	0.059	-	-	-
	01/14/03	4300	-	1500	-	-	-	-	-	-	-	-	0.068	0.19	-	-	-	-	-	-	0.091	-	-	-
	06/26/04	5600	-	1600	-	-	-	-	-	-	-	-	0.10	0.14	-	-	-	-	-	-	0.044	-	-	-
	04/13/05	4700	-	1600	-	-	-	-	-	-	-	-	0.12	0.14	-	-	-	-	-	-	0.043	-	-	-
	05/10/06	3900	-	1400	-	-	-	-	-	-	-	-	0.086	0.13	-	-	-	-	-	-	0.043	-	-	-
	06/20/07	3000	-	1000	-	-	-	-	-	-	-	-	0.095	0.23	-	-	-	-	-	-	0.052	-	-	-
	05/20/08	2900	-	970	-	-	-	-	-	-	-	-	0.075	0.17	-	-	-	-	-	-	0.068	-	-	-
	04/30/09	2500	-	940	-	-	-	-	-	-	-	-	0.062	0.14	-	-	-	-	-	-	0.053	-	-	-
	11/17/10	2780	-	1500	-	-	-	-	-	-	-	-	< 0.1	0.24	-	-	-	-	-	-	0.110	-	-	-
	12/12/11	3130	-	1700	-	-	-	-	-	-	-	-	0.045	0.30	-	-	-	-	-	-	0.14	-	-	-
	10/17/12	3750	-	1800	-	-	-	-	-	-	-	-	0.075	0.20	-	-	-	-	-	-	0.10	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-2	10/19/93	9200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/94	2600	-	-	51	-	<0.05 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	1500	445	512	73.6	0.50	< 0.10	0.01	79.8	43.1	5.4	195	0.06	0.22	< 0.01	< 0.01	0.02	3.7	< 0.03	< 0.0002	0.67	< 0.04	< 0.01	0.04
	12/14/95	1420	-	470	89	< 1	10	0.02	132	46.2	5.89	3060	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	940	-	214	95.5	< 0.50	< 0.05	< 0.01	85.7	44.8	5.75	216	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	1040	-	325	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/08/97	986	-	280	-	-	-	-	-	-	-	-	< 0.03	0.44	< 0.01	< 0.01	< 0.01	2.3	< 0.03	< 0.0002	0.38	< 0.04	< 0.01	0.03
	02/25/98	1020	-	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/03/98	1000	-	500	-	-	-	-	-	-	-	-	< 0.1	0.231	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	0.339	< 0.1	< 0.01	< 0.02
	02/10/99	2830	-	1300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	1750	-	730	-	-	-	-	-	-	-	-	0.056	0.280	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.0002	0.232	< 0.02	< 0.003	< 0.01
	10/17/00	996	-	299	-	-	-	-	-	-	-	-	0.0573	0.370	-	-	-	-	-	-	0.254	-	-	-
	08/08/01	1170	-	445	-	-	-	-	-	-	-	-	0.0863	0.327	-	-	-	-	-	-	0.194	-	-	-
	08/05/02	1400	-	550	-	-	-	-	-	-	-	-	0.12	0.41	-	-	-	-	-	-	0.18	-	-	-
	01/14/03	1500	-	560	-	-	-	-	-	-	-	-	0.089	0.38	-	-	-	-	-	-	0.28	-	-	-
	05/26/04	1500	-	570	-	-	-	-	-	-	-	-	0.074	0.37	-	-	-	-	-	-	0.21	-	-	-
	04/13/05	2500	-	1100	-	-	-	-	-	-	-	-	< 0.20	0.45	-	-	-	-	-	-	0.15	-	-	-
	05/10/06	880	-	270	-	-	-	-	-	-	-	-	0.089	0.58	-	-	-	-	-	-	0.22	-	-	-
	06/20/07	1100	-	440	-	-	-	-	-	-	-	-	0.11	0.35	-	-	-	-	-	-	0.19	-	-	-
	05/22/08	720	-	180	-	-	-	-	-	-	-	-	0.071	0.35	-	-	-	-	-	-	0.24	-	-	-
	04/30/09	830	-	280	-	-	-	-	-	-	-	-	0.090	0.40	-	-	-	-	-	-	0.18	-	-	-
	11/17/10	989	-	370	-	-	-	-	-	-	-	-	0.089	0.37	-	-	-	-	-	-	0.19	-	-	-
	12/12/11	1400	-	560	-	-	-	-	-	-	-	-	0.096	0.45	-	-	-	-	-	-	0.11	-	-	-
	10/17/12	708	-	240	-	-	-	-	-	-	-	-	0.10	0.42	-	-	-	-	-	-	0.17	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-3	10/20/93	1500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/07/94	320	-	-	31	-	3.6 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	380	210	14.5	43.4	0.50	3.3	< 0.01	54.7	17.6	7.1	20.5	< 0.03	0.21	< 0.01	< 0.01	< 0.01	0.22	< 0.03	< 0.0002	< 0.01	< 0.04	< 0.01	< 0.03
	12/14/95	334	-	17.0	35	< 1.0	6.7	0.01	68	15.8	6.69	20.6	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	346	-	20.0	32.1	< 0.50	2.92	< 0.01	64.9	19.6	7.6	67.4	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	368	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	380	-	10	-	-	-	-	-	-	-	-	< 0.03	0.21	< 0.01	< 0.01	< 0.01	1.0	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	0.06
	02/25/98	330	-	13.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/03/98	200	-	15.0	-	-	-	-	-	-	-	-	< 0.1	0.184	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02
MW-4	12/07/94	4700	-	-	70	-	<0.05 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	5200	2180	1700	104	17.5	< 0.10	< 0.01	< 0.10	0.76	4.9	1650	0.33	0.23	< 0.01	< 0.01	< 0.01	0.11	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	< 0.03
	12/13/95	6600	-	1900	90	21.0	103	< 0.01	74.2	4.25	6.15	1880	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	3450	-	1010	35.7	20.0	< 0.05	< 0.01	10.6	2.02	4.84	1210	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	4380	-	1110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-5	12/07/94	9500	-	-	49	-	<0.05 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	7400	1690	4070	12.4	4.5	< 0.10	0.01	4.8	2.0	13.8	2690	0.14	0.88	< 0.01	< 0.01	0.01	0.13	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	< 0.03
	12/12/95	7580	-	3650	24	3.0	53	0.06	6.13	1.98	11.8	2590	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	8050	-	4050	17.9	< 0.50	< 0.05	1.45	22.2	2.79	12.6	3100	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	6980	-	3300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	8370	-	1450	-	-	-	-	-	-	-	-	< 0.03	0.94	< 0.01	< 0.01	< 0.01	0.93	< 0.03	< 0.0002	0.01	< 0.04	< 0.01	0.29
	02/25/98	7300	-	3480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	6800	-	3330	-	-	-	-	-	-	-	-	0.2	0.960	< 0.005	< 0.01	< 0.01	0.05	< 0.05	< 0.0002	0.014	< 0.1	< 0.01	< 0.02
	02/11/99	7860	-	3200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	6850	-	2900	-	-	-	-	-	-	-	-	0.15	0.946	< 0.002	< 0.005	< 0.002	0.033	< 0.025	< 0.0002	0.010	< 0.02	< 0.003	< 0.01
	10/18/00	6580	-	2720	-	-	-	-	-	-	-	-	0.137	0.907	-	-	-	-	-	-	0.0320	-	-	-
	08/09/01	5750	-	2660	-	-	-	-	-	-	-	-	0.0929	1.21	-	-	-	-	-	-	0.0162	-	-	-
	08/06/02	5300	-	2300	-	-	-	-	-	-	-	-	0.12	0.9	-	-	-	-	-	-	0.033	-	-	-
	01/15/03	6400	-	2400	-	-	-	-	-	-	-	-	0.078	1.0	-	-	-	-	-	-	0.027	-	-	-
	05/27/04	4400	-	1600	-	-	-	-	-	-	-	-	0.10	0.81	-	-	-	-	-	-	0.022	-	-	-
	04/13/05	4400	-	1800	-	-	-	-	-	-	-	-	0.08	0.78	-	-	-	-	-	-	0.041	-	-	-
	05/09/06	4500	-	1600	-	-	-	-	-	-	-	-	0.14	0.41	-	-	-	-	-	-	0.029	-	-	-
	06/19/07	3600	-	1600	-	-	-	-	-	-	-	-	0.15	0.30	-	-	-	-	-	-	0.0034	-	-	-
	05/22/08	4200	-	1200	-	-	-	-	-	-	-	-	0.20	0.16	-	-	-	-	-	-	0.015	-	-	-
	05/01/09	7300	-	2300	-	-	-	-	-	-	-	-	0.067	0.07	-	-	-	-	-	-	0.039	-	-	-
	11/17/10	3390	-	1300	-	-	-	-	-	-	-	-	< 0.1	0.063	-	-	-	-	-	-	0.035	-	-	-
	12/12/11	3310	-	1300	-	-	-	-	-	-	-	-	0.086	0.087	-	-	-	-	-	-	0.020	-	-	-
	10/17/12	2930	-	1200	-	-	-	-	-	-	-	-	0.088	0.059	-	-	-	-	-	-	0.021	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-6	12/07/94	4700	-	-	150	-	<0.05 ^a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	05/31/95	5400	1070	2670	78.3	2.5	0.59	0.04	11.1	4.6	14.4	1320	0.33	0.36	< 0.01	< 0.01	< 0.01	0.25	< 0.03	< 0.0002	0.04	< 0.04	< 0.01	< 0.03
	12/12/95	4770	-	2500	92	2.0	44.2	0.03	68.8	11.8	17	1560	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	4830	-	2500	85.9	< 0.50	< 0.05	< 0.01	26.6	10.5	18.1	1500	-	-	-	-	-	-	-	-	-	-	-	-
	02/08/97	4050	-	2200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/09/97	5040	-	2220	-	-	-	-	-	-	-	-	0.39	0.57	< 0.01	< 0.01	< 0.01	0.98	< 0.03	< 0.0002	0.03	< 0.04	< 0.01	< 0.03
	02/25/98	5280	-	2540	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/04/98	4200	-	2450	-	-	-	-	-	-	-	-	0.4	0.548	< 0.005	< 0.01	< 0.01	0.04	< 0.05	< 0.0002	0.007	< 0.1	< 0.01	< 0.02
	02/10/99	5050	-	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	08/10/99	5120	-	2500	-	-	-	-	-	-	-	-	0.365	0.496	< 0.002	< 0.005	< 0.002	0.016	< 0.025	< 0.0002	< 0.005	< 0.02	< 0.003	< 0.01
	10/18/00	4540	-	2240	-	-	-	-	-	-	-	-	0.258	0.603	-	-	-	-	-	-	0.0600	-	-	-
	08/09/01	4210	-	2100	-	-	-	-	-	-	-	-	0.262	0.555	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	3900	-	1800	-	-	-	-	-	-	-	-	0.26	0.51	-	-	-	-	-	-	0.0047	-	-	-
	01/15/03	4200	-	1700	-	-	-	-	-	-	-	-	0.38	0.40	-	-	-	-	-	-	0.0041	-	-	-
	05/27/04	3800	-	1600	-	-	-	-	-	-	-	-	0.28	0.37	-	-	-	-	-	-	0.012	-	-	-
	04/14/05	4800	-	2100	-	-	-	-	-	-	-	-	0.18	0.31	-	-	-	-	-	-	0.0036	-	-	-
	05/09/06	4500	-	1900	-	-	-	-	-	-	-	-	0.18	0.31	-	-	-	-	-	-	0.0046	-	-	-
	06/19/07	3900	-	1200	-	-	-	-	-	-	-	-	0.17	0.20	-	-	-	-	-	-	0.017	-	-	-
	05/22/08	3400	-	1400	-	-	-	-	-	-	-	-	0.20	0.27	-	-	-	-	-	-	0.0050	-	-	-
	05/01/09	4300	-	1900	-	-	-	-	-	-	-	-	0.20	0.26	-	-	-	-	-	-	0.0047	-	-	-
	11/17/10	2930	-	1300	-	-	-	-	-	-	-	-	0.05	0.23	-	-	-	-	-	-	0.0046	-	-	-
	12/12/11	3250	-	1600	-	-	-	-	-	-	-	-	0.064	0.19	-	-	-	-	-	-	0.0042	-	-	-
	10/17/12	3560	-	1600	-	-	-	-	-	-	-	-	0.062	0.17	-	-	-	-	-	-	0.0029	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)													
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc	
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10	
MW-7	12/13/95	4040	-	2150	88	2.0	17.5	0.023	419	155	31.2	954	-	-	-	-	-	-	-	-	-	-	-	-	
	02/20/96	4490	-	2500	60.9	< 0.50	< 0.05	< 0.01	499	193	29.3	745	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/97	4350	-	2100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/08/97	6260	-	2200	-	-	-	-	-	-	-	-	< 0.03	1.5	< 0.01	< 0.01	0.04	3.1	< 0.03	< 0.0002	6.7	0.19	< 0.01	0.15	
	02/24/98	4470	-	1810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/04/98	3400	-	1950	-	-	-	-	-	-	-	-	< 0.01	0.968	< 0.005	< 0.01	< 0.01	0.11	< 0.05	< 0.0002	4.86	< 0.1	< 0.01	< 0.02	
	08/10/99	3900	-	1800	-	-	-	-	-	-	-	-	< 0.02	0.854	< 0.002	< 0.005	0.0051	< 0.01	< 0.025	< 0.0002	4.10	< 0.02	< 0.003	0.021	
	10/18/00	3930	-	1730	-	-	-	-	-	-	-	-	0.0171	1.06	-	-	-	-	-	-	4.54	-	-	-	-
	08/08/01	4130	-	1450	-	-	-	-	-	-	-	-	< 0.05	0.828	-	-	-	-	-	-	3.87	-	-	-	-
	08/06/02	3300	-	1100	-	-	-	-	-	-	-	-	< 0.010	0.87	-	-	-	-	-	-	4.0	-	-	-	-
	01/16/03	3300	-	1200	-	-	-	-	-	-	-	-	< 0.010	0.77	-	-	-	-	-	-	4.2	-	-	-	-
	05/27/04	4000	-	1400	-	-	-	-	-	-	-	-	< 0.020	0.88	-	-	-	-	-	-	4.0	-	-	-	-
	04/14/05	2900	-	930	-	-	-	-	-	-	-	-	< 0.020	0.91	-	-	-	-	-	-	4.4	-	-	-	-
	05/09/06	3300	-	1200	-	-	-	-	-	-	-	-	0.037	0.45	-	-	-	-	-	-	2.2	-	-	-	-
	06/18/07	3100	-	980	-	-	-	-	-	-	-	-	< 0.020	0.39	-	-	-	-	-	-	2.2	-	-	-	-
	05/21/08	3100	-	790	-	-	-	-	-	-	-	-	< 0.020	0.40	-	-	-	-	-	-	2.6	-	-	-	-
	04/30/09	3300	-	1300	-	-	-	-	-	-	-	-	< 0.020	0.75	-	-	-	-	-	-	4.0	-	-	-	-
	11/17/10	3440	-	1100	-	-	-	-	-	-	-	-	< 0.020	0.43	-	-	-	-	-	-	3.2	-	-	-	-
	12/12/11	4070	-	750	-	-	-	-	-	-	-	-	< 0.020	0.15	-	-	-	-	-	-	3.3	-	-	-	-
	10/17/12	5210	-	520	-	-	-	-	-	-	-	-	< 0.10	0.085	-	-	-	-	-	-	3.3	-	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)													
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc	
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10	
MW-8	12/12/95	2840	-	1140	71	2.0	24.5	0.07	66.3	13	15.8	979	-	-	-	-	-	-	-	-	-	-	-	-	
	02/21/96	2530	-	790	10.2	< 0.50	< 0.05	< 0.01	50.4	13.2	14.5	873	-	-	-	-	-	-	-	-	-	-	-	-	
	02/08/97	3050	-	825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/09/97	4910	-	1420	-	-	-	-	-	-	-	-	0.29	0.63	< 0.01	< 0.01	0.02	4.2	< 0.03	< 0.0002	0.10	< 0.04	< 0.01	0.90	
	02/26/98	2730	-	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/04/98	2600	-	960	-	-	-	-	-	-	-	-	0.3	0.481	< 0.005	< 0.01	< 0.01	0.29	< 0.05	< 0.0002	0.019	< 0.1	< 0.01	< 0.02	
	02/11/99	3670	-	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/11/99	3580	-	930	-	-	-	-	-	-	-	-	0.352	0.430	< 0.002	< 0.005	< 0.002	0.268	< 0.025	< 0.0002	0.0062	< 0.02	< 0.003	< 0.01	
	10/19/00	3540	-	865	-	-	-	-	-	-	-	-	0.277	0.520	-	-	-	-	-	-	0.0320	-	-	-	-
	08/09/01	4010	-	969	-	-	-	-	-	-	-	-	0.321	0.339	-	-	-	-	-	-	< 0.01	-	-	-	-
	08/06/02	3700	-	670	-	-	-	-	-	-	-	-	0.31	0.58	-	-	-	-	-	-	0.0077	-	-	-	-
	01/16/03	3700	-	1000	-	-	-	-	-	-	-	-	0.33	0.58	-	-	-	-	-	-	0.0070	-	-	-	-
	05/27/04	2500	-	550	-	-	-	-	-	-	-	-	0.28	0.41	-	-	-	-	-	-	0.0049	-	-	-	-
	04/14/05	4200	-	1100	-	-	-	-	-	-	-	-	0.28	0.37	-	-	-	-	-	-	0.0053	-	-	-	-
	05/09/06	2500	-	520	-	-	-	-	-	-	-	-	0.21	0.39	-	-	-	-	-	-	0.0052	-	-	-	-
	06/19/07	2500	-	610	-	-	-	-	-	-	-	-	0.20	0.32	-	-	-	-	-	-	0.0034	-	-	-	-
	05/21/08	2000	-	500	-	-	-	-	-	-	-	-	0.21	0.33	-	-	-	-	-	-	0.0067	-	-	-	-
05/01/09	3100	-	780	-	-	-	-	-	-	-	-	0.38	0.54	-	-	-	-	-	-	0.0050	-	-	-	-	
11/17/10	2560	-	680	-	-	-	-	-	-	-	-	0.18	0.28	-	-	-	-	-	-	0.0041	-	-	-	-	
12/12/11	3110	-	830	-	-	-	-	-	-	-	-	0.39	0.63	-	-	-	-	-	-	0.0072	-	-	-	-	
10/17/12	2990	-	850	-	-	-	-	-	-	-	-	0.21	0.32	-	-	-	-	-	-	0.0048	-	-	-	-	

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-9	12/12/95	11700	-	4500	7	3.0	38.3	< 0.01	388	168	32	3030	-	-	-	-	-	-	-	-	-	-	-	-
	02/21/96	11000	-	4200	< 5.0	< 0.50	< 0.05	0.02	201	118	28.9	3740	-	-	-	-	-	-	-	-	-	-	-	
	02/08/97	10800	-	4750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/09/97	11400	-	4450	-	-	-	-	-	-	-	-	< 0.03	14.7	< 0.01	< 0.01	< 0.01	4.8	< 0.03	< 0.0002	0.18	0.20	< 0.01	0.20
	02/25/98	10900	-	5730	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/04/98	10900	-	4960	-	-	-	-	-	-	-	-	0.03	10.3	< 0.005	< 0.01	< 0.01	0.30	< 0.05	< 0.0002	0.107	< 0.1	< 0.01	< 0.02
	02/11/99	10700	-	4600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/11/99	10400	-	4600	-	-	-	-	-	-	-	-	0.200	7.82	< 0.002	< 0.005	< 0.002	0.075	< 0.025	< 0.0002	0.0579	< 0.02	< 0.003	< 0.01
	10/19/00	9750	-	4100	-	-	-	-	-	-	-	-	0.275	9.11	-	-	-	-	-	-	0.4400	-	-	-
	08/09/01	10200	-	4850	-	-	-	-	-	-	-	-	0.232	8.48	-	-	-	-	-	-	0.0131	-	-	-
	08/06/02	9800	-	4500	-	-	-	-	-	-	-	-	0.38	8.5	-	-	-	-	-	-	0.011	-	-	-
	01/16/03	9100	-	4000	-	-	-	-	-	-	-	-	0.30	10	-	-	-	-	-	-	0.011	-	-	-
	05/27/04	8800	-	3300	-	-	-	-	-	-	-	-	0.36	8.5	-	-	-	-	-	-	0.011	-	-	-
	04/14/05	9200	-	3900	-	-	-	-	-	-	-	-	0.40	8.4	-	-	-	-	-	-	0.015	-	-	-
	05/09/06	8700	-	4200	-	-	-	-	-	-	-	-	0.40	7.9	-	-	-	-	-	-	< 0.02	-	-	-
	06/19/07	8000	-	3200	-	-	-	-	-	-	-	-	0.48	6.8	-	-	-	-	-	-	0.020	-	-	-
	05/21/08	7000	-	2800	-	-	-	-	-	-	-	-	0.49	6.1	-	-	-	-	-	-	0.022	-	-	-
	05/01/09	8400	-	4000	-	-	-	-	-	-	-	-	0.49	8.7	-	-	-	-	-	-	0.027	-	-	-
	11/18/10	8660	-	5700	-	-	-	-	-	-	-	-	0.54	8.3	-	-	-	-	-	-	0.053	-	-	-
	12/12/11	7810	-	4700	-	-	-	-	-	-	-	-	0.41	8.2	-	-	-	-	-	-	0.028	-	-	-
	10/17/12	6500	-	2800	-	-	-	-	-	-	-	-	0.57	6.5	-	-	-	-	-	-	0.022	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)													
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc	
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10	
MW-10	01/09/98	5930	-	3600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/98	9150	-	3860	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/04/98	6200	-	3690	-	-	-	-	-	-	-	-	< 0.1	19.3	< 0.005	< 0.01	< 0.01	30.3	< 0.05	< 0.0002	11.3	< 0.1	< 0.01	< 0.02	
	02/11/99	5710	-	2900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/11/99	5220	-	3000	-	-	-	-	-	-	-	-	0.040	11.3	< 0.002	< 0.005	< 0.002	0.012	< 0.025	< 0.0002	4.37	< 0.02	< 0.003	< 0.01	
	10/19/00	6240	-	3480	-	-	-	-	-	-	-	-	0.0874	12.9	-	-	-	-	-	-	3.85	-	-	-	-
	08/09/01	9390	-	3620	-	-	-	-	-	-	-	-	0.0583	10.5	-	-	-	-	-	-	2.45	-	-	-	-
	08/06/02	6900	-	2400	-	-	-	-	-	-	-	-	0.061	16	-	-	-	-	-	-	1.9	-	-	-	-
	01/16/03	6400	-	3800	-	-	-	-	-	-	-	-	0.19	18	-	-	-	-	-	-	2.1	-	-	-	-
	05/27/04	6900	-	3600	-	-	-	-	-	-	-	-	0.16	17	-	-	-	-	-	-	1.3	-	-	-	-
	05/13/05	6600	-	3800	-	-	-	-	-	-	-	-	0.23	17	-	-	-	-	-	-	1.6	-	-	-	-
	05/09/06	7500	-	3100	-	-	-	-	-	-	-	-	0.23	17	-	-	-	-	-	-	1.1	-	-	-	-
	06/19/07	7600	-	3900	-	-	-	-	-	-	-	-	0.19	17	-	-	-	-	-	-	1.5	-	-	-	-
	05/21/08	7300	-	3700	-	-	-	-	-	-	-	-	0.20	16	-	-	-	-	-	-	1.6	-	-	-	-
	05/01/09	7000	-	4100	-	-	-	-	-	-	-	-	0.17	15	-	-	-	-	-	-	1.4	-	-	-	-
	11/18/10	7280	-	4200	-	-	-	-	-	-	-	-	0.13	12	-	-	-	-	-	-	3.0	-	-	-	-
	12/12/11	6900	-	3600	-	-	-	-	-	-	-	-	< 0.2	16	-	-	-	-	-	-	0.92	-	-	-	-
	10/17/12	6520	-	3600	-	-	-	-	-	-	-	-	0.22	14	-	-	-	-	-	-	0.92	-	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)													
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc	
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10	
MW-11	01/10/98	6760	-	3500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/25/98	10800	-	4650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/04/98	9400	-	5140	-	-	-	-	-	-	-	-	0.5	10.0	< 0.005	< 0.01	< 0.01	21.1	< 0.05	< 0.0002	3.54	< 0.1	< 0.01	< 0.02	
	02/11/99	9620	-	4600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/10/99	9090	-	4900	-	-	-	-	-	-	-	-	0.404	8.25	< 0.002	< 0.005	< 0.002	0.267	< 0.025	< 0.0002	1.47	< 0.02	< 0.003	< 0.01	
	10/19/00	8960	-	3060	-	-	-	-	-	-	-	-	0.466	10.6	-	-	-	-	-	-	1.86	-	-	-	-
	08/09/01	11100	-	4630	-	-	-	-	-	-	-	-	0.326	7.19	-	-	-	-	-	-	1.47	-	-	-	-
	08/06/02	8300	-	2600	-	-	-	-	-	-	-	-	0.40	6.8	-	-	-	-	-	-	1.4	-	-	-	-
	01/16/03	7800	-	4100	-	-	-	-	-	-	-	-	0.49	7.9	-	-	-	-	-	-	1.8	-	-	-	-
	05/27/04	7900	-	3900	-	-	-	-	-	-	-	-	0.54	5.9	-	-	-	-	-	-	1.4	-	-	-	-
	04/13/05	7900	-	4400	-	-	-	-	-	-	-	-	0.81	5.6	-	-	-	-	-	-	1.2	-	-	-	-
	05/09/06	8300	-	3800	-	-	-	-	-	-	-	-	0.65	4.8	-	-	-	-	-	-	1.6	-	-	-	-
	06/19/07	7800	-	3900	-	-	-	-	-	-	-	-	0.68	4.9	-	-	-	-	-	-	1.7	-	-	-	-
	05/21/08	7800	-	3800	-	-	-	-	-	-	-	-	0.78	4.6	-	-	-	-	-	-	1.4	-	-	-	-
	05/01/09	7900	-	4300	-	-	-	-	-	-	-	-	0.60	4.4	-	-	-	-	-	-	1.6	-	-	-	-
	11/18/10	8200	-	4900	-	-	-	-	-	-	-	-	0.99	5.3	-	-	-	-	-	-	1.2	-	-	-	-
	12/12/11	7690	-	4600	-	-	-	-	-	-	-	-	0.78	6.0	-	-	-	-	-	-	1.3	-	-	-	-
	10/16/12	8340	-	4400	-	-	-	-	-	-	-	-	0.82	5.3	-	-	-	-	-	-	0.99	-	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)													
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc	
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10	
MW-12	01/10/98	413	-	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	02/24/98	362	-	77.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/04/98	340	-	80	-	-	-	-	-	-	-	-	< 0.1	0.176	< 0.005	< 0.01	< 0.01	< 0.02	< 0.05	< 0.0002	< 0.005	< 0.1	< 0.01	< 0.02	
	02/10/99	390	-	93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/10/99	400	-	110	-	-	-	-	-	-	-	-	< 0.02	0.194	< 0.002	< 0.005	< 0.002	< 0.01	< 0.025	< 0.0002	< 0.005	< 0.02	< 0.003	< 0.01	
	10/19/00	508	-	156	-	-	-	-	-	-	-	-	0.00628	0.280	-	-	-	-	-	-	6.54	-	-	-	-
	08/09/01	816	-	171	-	-	-	-	-	-	-	-	< 0.05	0.273	-	-	-	-	-	-	< 0.01	-	-	-	-
	08/06/02	710	-	230	-	-	-	-	-	-	-	-	0.025	0.33	-	-	-	-	-	-	< 0.0020	-	-	-	-
	01/15/03	720	-	250	-	-	-	-	-	-	-	-	0.013	0.37	-	-	-	-	-	-	0.0074	-	-	-	-
	05/26/04	840	-	300	-	-	-	-	-	-	-	-	< 0.020	0.41	-	-	-	-	-	-	0.0053	-	-	-	-
	04/13/05	860	-	390	-	-	-	-	-	-	-	-	< 0.020	0.47	-	-	-	-	-	-	0.011	-	-	-	-
	05/09/06	1200	-	460	-	-	-	-	-	-	-	-	< 0.020	0.50	-	-	-	-	-	-	0.020	-	-	-	-
	06/19/07	1300	-	610	-	-	-	-	-	-	-	-	< 0.020	0.61	-	-	-	-	-	-	0.068	-	-	-	-
	05/21/08	1500	-	650	-	-	-	-	-	-	-	-	< 0.020	0.67	-	-	-	-	-	-	0.085	-	-	-	-
	05/01/09	1700	-	860	-	-	-	-	-	-	-	-	< 0.020	0.66	-	-	-	-	-	-	0.078	-	-	-	-
	11/17/10	1980	-	1100	-	-	-	-	-	-	-	-	< 0.020	0.76	-	-	-	-	-	-	0.045	-	-	-	-
	12/12/11	2400	-	1100	-	-	-	-	-	-	-	-	< 0.020	0.74	-	-	-	-	-	-	0.047	-	-	-	-
	10/16/12	2320	-	1100	-	-	-	-	-	-	-	-	< 0.020	0.70	-	-	-	-	-	-	0.040	-	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-13	12/15/99	2700	-	1600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/19/00	3320	-	1540	-	-	-	-	-	-	-	-	0.00878	1.76	-	-	-	-	-	-	0.238	-	-	-
	08/09/01	5450	-	1590	-	-	-	-	-	-	-	-	< 0.05	1.41	-	-	-	-	-	-	0.0693	-	-	-
	08/06/02	3600	-	1000	-	-	-	-	-	-	-	-	0.075	1.1	-	-	-	-	-	-	0.11	-	-	-
	01/15/03	3100	-	1500	-	-	-	-	-	-	-	-	< 0.010	1.1	-	-	-	-	-	-	0.17	-	-	-
	05/26/04	3200	-	1600	-	-	-	-	-	-	-	-	< 0.020	0.95	-	-	-	-	-	-	0.22	-	-	-
	04/13/05	2900	-	1500	-	-	-	-	-	-	-	-	< 0.020	1.0	-	-	-	-	-	-	0.34	-	-	-
	05/09/06	3300	-	1400	-	-	-	-	-	-	-	-	< 0.020	1.0	-	-	-	-	-	-	0.41	-	-	-
	06/19/07	3200	-	1500	-	-	-	-	-	-	-	-	< 0.020	1.3	-	-	-	-	-	-	0.47	-	-	-
	05/21/08	3300	-	1700	-	-	-	-	-	-	-	-	< 0.020	1.2	-	-	-	-	-	-	0.88	-	-	-
	05/01/09	3100	-	1600	-	-	-	-	-	-	-	-	< 0.020	1.0	-	-	-	-	-	-	1.30	-	-	-
	11/16/10	3360	-	1600	-	-	-	-	-	-	-	-	< 0.020	0.63	-	-	-	-	-	-	3.0	-	-	-
	12/12/11	3460	-	1500	-	-	-	-	-	-	-	-	< 0.020	0.57	-	-	-	-	-	-	5.8	-	-	-
10/16/12	3360	-	1700	-	-	-	-	-	-	-	-	< 0.10	0.57	-	-	-	-	-	-	5.9	-	-	-	
MW-14	12/14/02	1900	460	140	210	-	150 ^a	-	290	96	22	110	-	-	-	-	-	-	-	-	-	-	-	-
	01/05/03	2100	-	150	-	-	-	-	-	-	-	-	< 0.010	0.12	-	-	-	-	-	-	0.15	-	-	-
	05/27/04	1900	-	150	-	-	-	-	-	-	-	-	< 0.020	0.095	-	-	-	-	-	-	0.11	-	-	-
	04/13/05	1800	-	160	-	-	-	-	-	-	-	-	< 0.020	0.097	-	-	-	-	-	-	0.11	-	-	-
	05/09/06	1900	-	170	-	-	-	-	-	-	-	-	< 0.020	0.870	-	-	-	-	-	-	0.10	-	-	-
	06/19/07	1900	-	160	-	-	-	-	-	-	-	-	< 0.020	0.11	-	-	-	-	-	-	0.16	-	-	-
	05/22/08	1800	-	140	-	-	-	-	-	-	-	-	< 0.020	0.11	-	-	-	-	-	-	0.18	-	-	-
	05/01/09	1800	-	170	-	-	-	-	-	-	-	-	< 0.020	0.098	-	-	-	-	-	-	0.15	-	-	-
	11/17/10	1630	-	150	-	-	-	-	-	-	-	-	< 0.020	0.083	-	-	-	-	-	-	0.10	-	-	-
	12/12/11	1620	-	130	-	-	-	-	-	-	-	-	< 0.020	0.081	-	-	-	-	-	-	0.11	-	-	-
	10/17/12	1570	-	150	-	-	-	-	-	-	-	-	< 0.020	0.079	-	-	-	-	-	-	0.079	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)									Metals (mg/L)											
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
MW-15	12/14/02	3400	420	1600	87	-	<1.0 ^a	-	490	200	37	390	-	-	-	-	-	-	-	-	-	-	-	-
	01/15/03	3400	-	1600	-	-	-	-	-	-	-	-	< 0.010	0.94	-	-	-	-	-	-	5.4	-	-	-
	05/26/04	3600	-	1600	-	-	-	-	-	-	-	-	< 0.020	0.71	-	-	-	-	-	-	4.8	-	-	-
	04/13/05	3300	-	1700	-	-	-	-	-	-	-	-	< 0.020	0.46	-	-	-	-	-	-	4.7	-	-	-
	05/09/06	3800	-	1600	-	-	-	-	-	-	-	-	< 0.020	0.53	-	-	-	-	-	-	4.5	-	-	-
	06/19/07	3400	-	1600	-	-	-	-	-	-	-	-	< 0.020	0.55	-	-	-	-	-	-	4.8	-	-	-
	05/21/08	3600	-	1600	-	-	-	-	-	-	-	-	< 0.020	0.52	-	-	-	-	-	-	4.8	-	-	-
	05/01/09	3300	-	1800	-	-	-	-	-	-	-	-	< 0.020	0.67	-	-	-	-	-	-	5.6	-	-	-
	11/16/10	3180	-	1600	-	-	-	-	-	-	-	-	< 0.020	0.63	-	-	-	-	-	-	5.7	-	-	-
	12/12/11	3510	-	1500	-	-	-	-	-	-	-	-	< 0.020	0.52	-	-	-	-	-	-	5.7	-	-	-
	10/16/12	3290	-	1600	-	-	-	-	-	-	-	-	0.029	0.52	-	-	-	-	-	-	6.0	-	-	-
MW-16	12/14/02	840	160	120	310	-	2.3 ^a	-	72	28	12	170	-	-	-	-	-	-	-	-	< 0.002	-	-	-
	01/15/03	840	-	120	-	-	-	-	-	-	-	-	< 0.010	0.078	-	-	-	-	-	-	< 0.002	-	-	-
	05/26/04	1000	-	150	-	-	-	-	-	-	-	-	< 0.020	0.10	-	-	-	-	-	-	< 0.002	-	-	-
	04/13/05	1100	-	160	-	-	-	-	-	-	-	-	< 0.020	0.09	-	-	-	-	-	-	< 0.002	-	-	-
	04/09/06	1200	-	160	-	-	-	-	-	-	-	-	< 0.020	0.083	-	-	-	-	-	-	< 0.002	-	-	-
	06/19/07	1300	-	180	-	-	-	-	-	-	-	-	< 0.020	0.083	-	-	-	-	-	-	< 0.002	-	-	-
	05/21/08	1300	-	180	-	-	-	-	-	-	-	-	< 0.020	0.081	-	-	-	-	-	-	< 0.002	-	-	-
	05/01/09	1200	-	210	-	-	-	-	-	-	-	-	< 0.020	0.074	-	-	-	-	-	-	< 0.002	-	-	-
	11/16/10	1310	-	230	-	-	-	-	-	-	-	-	< 0.020	0.073	-	-	-	-	-	-	< 0.002	-	-	-
	12/12/11	1330	-	230	-	< 0.20	-	-	-	-	-	-	< 0.20	< 0.20	-	-	-	-	-	-	< 0.020	-	-	-
	10/16/12	1330	-	210	-	-	-	-	-	-	-	-	< 0.020	0.068	-	-	-	-	-	-	0.0023	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
Water Well	05/31/95	900	144	100	356	0.50	< 0.10	< 0.01	38.7	23.2	5.3	194	< 0.03	0.02	< 0.01	< 0.01	< 0.01	0.39	< 0.03	< 0.0002	0.01	< 0.04	< 0.01	< 0.03
	12/14/95	825	-	106	345	< 1.0	1.7	< 0.01	38	22.2	5.32	186	-	-	-	-	-	-	-	-	-	-	-	
	02/21/96	402	-	107	343	< 0.50	< 0.05	< 0.01	44.9	26.1	5.82	221	-	-	-	-	-	-	-	-	-	-	-	
	02/08/97	854	-	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/09/97	840	-	500	-	-	-	-	-	-	-	-	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.66	< 0.03	< 0.0002	0.02	< 0.04	< 0.01	0.19
	02/26/98	850	-	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/04/98	850	-	113	-	-	-	-	-	-	-	-	< 0.1	0.020	< 0.005	< 0.01	< 0.01	0.05	< 0.05	< 0.0002	0.015	< 0.1	< 0.01	< 0.02
	02/11/99	850	-	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	08/11/99	830	-	110	-	-	-	-	-	-	-	-	< 0.02	0.0238	< 0.002	< 0.005	< 0.002	0.018	< 0.025	< 0.0002	0.014	< 0.02	< 0.003	< 0.01
	08/09/01	966	-	113	-	-	-	-	-	-	-	-	< 0.05	0.019	-	-	-	-	-	-	0.0146	-	-	-
	08/06/02	790	-	99	-	-	-	-	-	-	-	-	< 0.010	0.027	-	-	-	-	-	-	0.019	-	-	-
	01/16/03	780	-	100	-	-	-	-	-	-	-	-	< 0.010	0.028	-	-	-	-	-	-	0.021	-	-	-
	05/27/04	790	-	110	-	-	-	-	-	-	-	-	< 0.020	0.022	-	-	-	-	-	-	0.014	-	-	-
	04/13/05	840	-	120	-	-	-	-	-	-	-	-	< 0.020	0.021	-	-	-	-	-	-	0.013	-	-	-
	05/08/06	870	-	100	-	-	-	-	-	-	-	-	< 0.020	0.020	-	-	-	-	-	-	0.011	-	-	-
	06/18/07	840	-	110	-	-	-	-	-	-	-	-	< 0.020	0.022	-	-	-	-	-	-	0.013	-	-	-
	05/20/08	820	-	98	-	-	-	-	-	-	-	-	< 0.020	< 0.020	-	-	-	-	-	-	0.0099	-	-	-
	04/30/09	850	-	120	-	-	-	-	-	-	-	-	< 0.020	0.022	-	-	-	-	-	-	0.013	-	-	-
	11/17/10	864	-	120	-	-	-	-	-	-	-	-	< 0.020	0.022	-	-	-	-	-	-	0.012	-	-	-
	12/12/11	862	-	110	-	-	-	-	-	-	-	-	< 0.020	0.021	-	-	-	-	-	-	0.023	-	-	-
	10/17/12	893	-	110	-	-	-	-	-	-	-	-	< 0.020	< 0.020	-	-	-	-	-	-	0.017	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
SVE-2	12/13/95	2670	-	1500	43	3.0	31.9	0.03	317	25.2	26.8	1720	-	-	-	-	-	-	-	-	-	-	-	-
	02/20/96	2410	-	495	33.5	< 0.50	< 0.05	0.01	66.5	56.6	25	1390	-	-	-	-	-	-	-	-	-	-	-	-
	10/17/00	2390	-	532	-	-	-	-	-	-	-	-	0.0835	0.118	-	-	-	-	-	-	0.258	-	-	-
	08/08/01	2610	-	597	-	-	-	-	-	-	-	-	0.0709	0.0705	-	-	-	-	-	-	0.167	-	-	-
	08/06/02	2700	-	610	-	-	-	-	-	-	-	-	0.13	0.088	-	-	-	-	-	-	0.12	-	-	-
	01/15/03	2400	-	390	-	-	-	-	-	-	-	-	0.15	0.090	-	-	-	-	-	-	0.25	-	-	-
	05/27/04	2300	-	590	-	-	-	-	-	-	-	-	0.11	0.057	-	-	-	-	-	-	0.40	-	-	-
	04/13/05	2200	-	530	-	-	-	-	-	-	-	-	0.17	0.033	-	-	-	-	-	-	0.069	-	-	-
	05/09/06	1600	-	430	-	-	-	-	-	-	-	-	0.10	0.047	-	-	-	-	-	-	0.49	-	-	-
	06/20/07	1400	-	380	-	-	-	-	-	-	-	-	0.12	0.063	-	-	-	-	-	-	0.34	-	-	-
	05/20/08	2100	-	660	-	-	-	-	-	-	-	-	0.22	0.077	-	-	-	-	-	-	0.12	-	-	-
	04/30/09	3100	-	1300	-	-	-	-	-	-	-	-	0.12	0.057	-	-	-	-	-	-	0.12	-	-	-
	11/16/10	2150	-	930	-	-	-	-	-	-	-	-	0.12	0.060	-	-	-	-	-	-	0.31	-	-	-
	12/12/11	3880	-	1300	-	-	-	-	-	-	-	-	0.073	0.045	-	-	-	-	-	-	0.18	-	-	-
10/17/12	1190	-	420	-	-	-	-	-	-	-	-	0.10	0.026	-	-	-	-	-	-	0.13	-	-	-	
SVE-5	10/18/00	12000	-	4010	-	-	-	-	-	-	-	-	0.515	1.00	-	-	-	-	-	-	0.144	-	-	-
	08/08/01	17700	-	6010	-	-	-	-	-	-	-	-	0.593	1.38	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	13000	-	4100	-	-	-	-	-	-	-	-	0.45	1.4	-	-	-	-	-	-	0.046	-	-	-
	01/14/03	17000	-	8600	-	-	-	-	-	-	-	-	0.56	1.1	-	-	-	-	-	-	< 0.002	-	-	-
	05/26/04	16000	-	2500	-	-	-	-	-	-	-	-	0.56	1.6	-	-	-	-	-	-	< 0.010	-	-	-
	04/13/05	11000	-	3400	-	-	-	-	-	-	-	-	0.45	2.0	-	-	-	-	-	-	0.014	-	-	-
	05/09/06	12000	-	3900	-	-	-	-	-	-	-	-	0.40	1.6	-	-	-	-	-	-	< 0.020	-	-	-
	06/19/07	8600	-	2700	-	-	-	-	-	-	-	-	0.18	1.6	-	-	-	-	-	-	< 0.0020	-	-	-
	05/20/08	15000	-	4500	-	-	-	-	-	-	-	-	0.37	1.9	-	-	-	-	-	-	< 0.0020	-	-	-
	04/30/09	13000	-	4300	-	-	-	-	-	-	-	-	0.38	1.6	-	-	-	-	-	-	0.0035	-	-	-
	11/16/10	11000	-	3800	-	-	-	-	-	-	-	-	0.35	1.6	-	-	-	-	-	-	< 0.010	-	-	-
	12/12/11	10100	-	4100	-	-	-	-	-	-	-	-	0.26	1.7	-	-	-	-	-	-	0.0022	-	-	-
	10/17/12	10900	-	3500	-	-	-	-	-	-	-	-	0.26	1.6	-	-	-	-	-	-	< 0.0020	-	-	-

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
SVE-6	10/18/00	8170	-	2080	-	-	-	-	-	-	-	-	0.0483	90.5	-	-	-	-	-	-	45.6	-	-	-
	08/08/01	9250	-	1800	-	-	-	-	-	-	-	-	0.359	0.287	-	-	-	-	-	-	0.0165	-	-	-
	08/06/02	8200	-	960	-	-	-	-	-	-	-	-	0.21	0.20	-	-	-	-	-	-	0.021	-	-	-
	01/15/03	10000	-	1900	-	-	-	-	-	-	-	-	0.42	0.21	-	-	-	-	-	-	0.0066	-	-	-
	05/26/04	6800	-	1100	-	-	-	-	-	-	-	-	0.17	0.23	-	-	-	-	-	-	0.0086	-	-	-
	04/13/05	7600	-	1400	-	-	-	-	-	-	-	-	0.15	0.22	-	-	-	-	-	-	< 0.010	-	-	-
	05/09/06	8900	-	1600	-	-	-	-	-	-	-	-	0.25	0.21	-	-	-	-	-	-	< 0.002	-	-	-
	06/19/07	9000	-	1700	-	-	-	-	-	-	-	-	0.27	0.24	-	-	-	-	-	-	0.095	-	-	-
	05/21/08	7700	-	1500	-	-	-	-	-	-	-	-	0.32	0.22	-	-	-	-	-	-	0.0022	-	-	-
	04/30/09	8500	-	1800	-	-	-	-	-	-	-	-	0.31	0.21	-	-	-	-	-	-	0.0024	-	-	-
	11/16/10	8710	-	1900	-	-	-	-	-	-	-	-	0.29	0.21	-	-	-	-	-	-	0.0061	-	-	-
	12/12/11	8120	-	1800	-	-	-	-	-	-	-	-	0.29	0.18	-	-	-	-	-	-	0.0034	-	-	-
10/17/12	7440	-	1800	-	-	-	-	-	-	-	-	0.26	0.17	-	-	-	-	-	-	< 0.0020	-	-	-	
SVE-7	10/17/00	3360	-	1450	-	-	-	-	-	-	-	-	0.0734	1.83	-	-	-	-	-	-	0.730	-	-	-
	08/08/01	4340	-	2060	-	-	-	-	-	-	-	-	0.0777	0.626	-	-	-	-	-	-	0.0590	-	-	-
	08/05/02	4900	-	2100	-	-	-	-	-	-	-	-	0.083	0.69	-	-	-	-	-	-	0.063	-	-	-
	01/15/03	3500	-	1300	-	-	-	-	-	-	-	-	0.082	0.38	-	-	-	-	-	-	0.13	-	-	-
	05/27/04	3400	-	1300	-	-	-	-	-	-	-	-	0.062	0.27	-	-	-	-	-	-	0.12	-	-	-
	04/13/05	4800	-	2200	-	-	-	-	-	-	-	-	0.12	0.51	-	-	-	-	-	-	0.11	-	-	-
	05/10/06	3700	-	1300	-	-	-	-	-	-	-	-	0.093	0.23	-	-	-	-	-	-	0.14	-	-	-
	06/20/07	3400	-	1400	-	-	-	-	-	-	-	-	0.096	0.23	-	-	-	-	-	-	0.11	-	-	-
	05/22/08	3800	-	1500	-	-	-	-	-	-	-	-	0.041	0.17	-	-	-	-	-	-	0.10	-	-	-
	04/30/09	2600	-	1000	-	-	-	-	-	-	-	-	0.032	0.11	-	-	-	-	-	-	0.12	-	-	-
	11/17/10	3500	-	1100	-	-	-	-	-	-	-	-	< 0.10	0.038	-	-	-	-	-	-	0.098	-	-	-
	12/12/11	4420	-	1800	-	-	-	-	-	-	-	-	0.094	0.12	-	-	-	-	-	-	0.033	-	-	-
10/17/12	5070	-	2400	-	-	-	-	-	-	-	-	0.14	0.39	-	-	-	-	-	-	0.025	-	-	-	

**Table 3. Summary of Groundwater Analyses - Inorganics
TW Bell Lake Gas Plant**

Well	Sampling Date	TDS (mg/L)	Alk., total (mg/L)	Major Ions (mg/L)								Metals (mg/L)												
				Chloride	Sulfate	Sulfite	N-Nitrate	N-Nitrite	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Mercury	Manganese	Selenium	Silver	Zinc
NMWQCC Standard		1000	none	250	600	none	10	none	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.002	0.2	0.05	0.05	10
SVE-11	10/18/00	10600	-	2660	-	-	-	-	-	-	-	-	0.700	0.425	-	-	-	-	-	-	0.0150	-	-	-
	08/08/01	10500	-	2790	-	-	-	-	-	-	-	-	0.51	0.393	-	-	-	-	-	-	< 0.01	-	-	-
	08/06/02	12000	-	2200	-	-	-	-	-	-	-	-	0.76	0.33	-	-	-	-	-	-	< 0.0020	-	-	-
	01/15/03	4800	-	1000	-	-	-	-	-	-	-	-	0.28	0.22	-	-	-	-	-	-	0.0027	-	-	-
	05/27/04	11000	-	2500	-	-	-	-	-	-	-	-	0.90	0.36	-	-	-	-	-	-	0.0029	-	-	-
	04/14/05	9800	-	2400	-	-	-	-	-	-	-	-	0.23	0.29	-	-	-	-	-	-	< 0.010	-	-	-
	05/09/06	8800	-	1900	-	-	-	-	-	-	-	-	0.28	0.21	-	-	-	-	-	-	< 0.010	-	-	-
	06/19/07	5600	-	1300	-	-	-	-	-	-	-	-	0.23	0.35	-	-	-	-	-	-	0.0028	-	-	-
	05/22/08	8900	-	1900	-	-	-	-	-	-	-	-	0.34	0.19	-	-	-	-	-	-	0.0025	-	-	-
	04/30/09	6200	-	1500	-	-	-	-	-	-	-	-	0.46	0.21	-	-	-	-	-	-	0.013	-	-	-
	11/17/10	6130	-	1600	-	-	-	-	-	-	-	-	0.41	0.20	-	-	-	-	-	-	0.0025	-	-	-
	12/12/11	2690	-	640	-	-	-	-	-	-	-	-	0.053	0.34	-	-	-	-	-	-	0.0027	-	-	-
10/17/12	5650	-	1600	-	-	-	-	-	-	-	-	0.32	0.24	-	-	-	-	-	-	0.0024	-	-	-	

Notes:
(a) Nitrate + Nitrite

**Table 4. Summary of SVE System Vapor Concentration Monitoring
TW Bell Lake Gas Plant**

Date	SVE Blower Unit				
	Total NMHC C(ug/L)	Flow Rate Q(scfm)	Potential Emissions M(lb/hr)	Projected M(tons/mo)	Projected M(gals/mo)
08/10/97	2,800	260	2.7	1.00	327
01/09/98	4,000	260	3.9	1.42	468
08/04/98	2,400	260	2.3	0.85	281
08/12/98	2,300	260	2.2	0.82	269
08/12/98	2,500	260	2.4	0.89	292
04/14/99	3,000	260	2.9	1.07	351
12/07/99	1,200	260	1.2	0.43	140
12/07/99	1,200	260	1.2	0.43	140
05/22/00	1,300	260	1.3	0.46	152
05/22/00	1,100	260	1.1	0.39	129
07/31/02	776	260	0.8	0.28	91
07/31/02	789	260	0.8	0.28	92
05/02/03	499	260	0.5	0.18	58
05/02/03	669	260	0.7	0.24	78
07/25/03	69	260	0.1	0.02	8
07/25/03	176	260	0.2	0.06	21
08/18/03	555	260	0.5	0.20	65
04/20/04	457	260	0.4	0.16	53
04/20/04	588	260	0.6	0.21	69
08/30/04	610	260	0.6	0.22	71
08/30/04	617	260	0.6	0.22	72
08/08/05	377	260	0.4	0.13	44
08/08/05	419	260	0.4	0.15	49
11/14/05	469	260	0.5	0.17	55
11/14/05	462	260	0.4	0.16	54
09/18/06	412	260	0.4	0.15	48
09/18/06	398	260	0.4	0.14	47
07/01/08	253	260	0.2	0.09	30
07/01/08	238	260	0.2	0.08	28
06/27/09	323	260	0.3	0.11	38
06/27/09	300	260	0.3	0.11	35
11/12/10	308	260	0.3	0.11	36
11/12/10	294	260	0.3	0.10	34
07/17/11	207	260	0.2	0.07	24
07/06/12	151	260	0.1	0.05	18
07/06/12	147	260	0.1	0.05	17
07/28/12	230	260	0.2	0.08	27
07/28/12	245	260	0.2	0.09	29
08/31/12	309	260	0.3	0.11	36
08/31/12	316	260	0.3	0.11	37
10/11/12	140	260	0.1	0.05	16
10/11/12	140	260	0.1	0.05	16

Notes:

- 1) Concentrations based on Hall Lab analysis of SVE system samples
- 2) A flow rate of 260 cfm was used in the calculation because this is the max allowed by the NOI

**Table 5. Summary of Completion Details for Soil Borings Completed as Wells
TW Bell Lake Gas Plant**

Well	Source ^a	Date of Completion	Measuring Point Elevation (ft)	Northing (ft)	Easting (ft)	Total Depth of Boring (ft bgs)	Measured Depth of Well (ft from TOC)	Surface Completion Type	Casing Diameter (in.)	Screen Interval (ft bgs)	Top of Sand Pack (ft bgs)
MW-1	Layne/B&C	11/29/93	3635.37 (b)	124.48	237.59	97.0	95.61	Flush Mount	4	82-97	80
MW-2	Layne/B&C	11/29/93	3634.68 (d)	237.17	156.05	100.0	96.41	Flush Mount	4	85-100	83
MW-3	Layne/B&C	11/29/93	3639.64 (b)	16.90	-236.04	106.0	103.62	Flush Mount	4	89-104	87
MW-4	GPI/B&C	12/03/94	3637.04 (c)	-24.28	210.35	100.0	93.11	Flush Mount	2	85-100	81
MW-5	GPI/B&C	12/04/94	3635.31 (b)	-7.71	355.11	99.0	97.05	Flush Mount	2	84-99	82
MW-6	GPI/B&C	12/05/94	3634.66 (b)	60.78	392.61	100.0	94.68	Flush Mount	2	83-98	81
MW-7	Harrison/CES	12/07/95	3636.00 (d)	-230.36	226.39	100.6	98.11	Flush Mount	2	85-100	82.8
MW-8	Harrison/CES	12/06/95	3635.30 (c)	-239.38	385.84	100.0	97.62	Flush Mount	2	85-100	82.1
MW-9	Harrison/CES	12/06/95	3633.58 (b)	-136.98	523.60	100.0	99.23	Flush Mount	2	85-100	82.6
MW-10	GPI/CES	01/06/98	3633.24 (d)	-203.69	706.63	100.0	100.15	Flush Mount	2	80-100	78
MW-11	GPI/CES	01/07/98	3631.56 (d)	-364.21	708.32	100.0	99.51	Flush Mount	2	80-100	78
MW-12	GPI/CES	01/08/98	3630.61 (d)	-387.71	1005.14	100.0	99.20	Flush Mount	2	80-100	78
MW-13	GPI/CES	12/15/99	3626.97 (d)	-748.40	1206.56	90.5	89.90	Flush Mount	2	75.5-90.5	72
MW-14	GPI/CES	12/10/02	3631.43 (e)	-534.56	437.41	94.0	93.47	Flush Mount	2	74-94	69
MW-15	GPI/CES	12/11/02	3629.00 (e)	-611.10	968.12	94.0	92.95	Flush Mount	2	74-94	69
MW-16	GPI/CES	12/13/02	3625.87 (e)	-905.79	1058.50	90.0	88.02	Flush Mount	2	70-90	65
SVE-1	Harrison/CES	12/07/95	3638.22 (d)	100.09	129.28	100.0	93.65	Flush Mount	2	40-100	37.8
SVE-2	Harrison/CES	12/08/95	3637.53 (d)	140.14	125.71	100.0	100.54	Flush Mount	2	40-100	37.1
SVE-3	Harrison/CES	12/09/95	3637.62 (d)	221.18	88.69	100.0	101.00	Flush Mount	2	40-100	37.1
SVE-4	GPI/CES	11/08/97	3636.48 (d)	37.71	171.36	100.5	99.56	Flush Mount	4	85.5-100.5	83.5
SVE-5	GPI/CES	11/09/97	3635.66 (d)	42.74	212.29	100.0	96.45	Flush Mount	4	85-100	83
SVE-6	GPI/CES	11/11/97	3636.38 (d)	4.70	146.28	100.0	95.55	Flush Mount	4	85-100	83
SVE-7	GPI/CES	11/12/97	3636.01 (d)	193.49	101.15	98.0	94.45	Flush Mount	4	83-98	81
SVE-8	GPI/CES	05/24/99	3637.72 (d)	91.29	134.89	100.0	101.25	Flush Mount	4	84.5-99.5	81.5
SVE-9	GPI/CES	05/24/99	3637.51 (d)	64.49	153.29	100.0	100.55	Flush Mount	4	84-99	80.5
SVE-10	GPI/CES	05/27/99	3637.36 (d)	2.37	192.62	100.0	100.88	Flush Mount	4	84.5-99.5	81.5
SVE-11	GPI/CES	05/21/99	3637.31 (d)	-49.43	238.78	100.0	100.81	Flush Mount	4	84.5-99.5	81.5
SVE-12	GPI/CES	05/23/99	3637.41 (d)	37.32	176.02	100.0	100.42	Flush Mount	4	84-99	81
SVE-13	GPI/CES	12/15/99	3637.33 (d)	21.87	214.30	99.0	99.18	Flush Mount	4	84-99	81
Notes: (a) Driller/Consultant (b) TOC elevation based on survey by John West Surveying Co. on 12/28/95 (c) TOC elevation based on survey by CES (GCR) on 01/09/98 (d) TOC elevation based on survey by John West Surveying Co. on 12/27/99 w/adjustments: MW-2 = +0.06, MW-7 & SVE-1-13 = +0.08, MW-10-13 = +0.02 (e) TOC elevation based on survey by John West Surveying Co. on 01/09/03											

**Table 6. Monitor Well Sampling Locations, Frequency, and Sample Analysis Plan
TW Bell Lake Gas Plant**

Well ID	Analytical Requirements		Benzene (ppb) Latest Result	Comments
	1st Semiannual Event	2nd Semiannual Event		
MW-1	BTEX	BTEX, TDS, Cl, As, Ba & Mn	5	
MW-2	BTEX	BTEX, TDS, Cl, As, Ba & Mn	2	
MW-3	----	----	< 5	Well has been abandoned
MW-4	none	BTEX, TDS, Cl, As, Ba & Mn	240*	Well contains PSH intermittently *Result from 2/8/97 sample event
MW-5	BTEX	BTEX, TDS, Cl, As, Ba & Mn	13	
MW-6	BTEX	BTEX, TDS, Cl, As, Ba & Mn	19	
MW-7	BTEX	BTEX, TDS, Cl, As, Ba & Mn	< 1	
MW-8	BTEX	BTEX, TDS, Cl, As, Ba & Mn	260	
MW-9	BTEX	BTEX, TDS, Cl, As, Ba & Mn	120	
MW-10	BTEX	BTEX, TDS, Cl, As, Ba & Mn	31	
MW-11	BTEX	BTEX, TDS, Cl, As, Ba & Mn	460	
MW-12	BTEX	BTEX, TDS, Cl, As, Ba & Mn	< 1	
MW-13	BTEX	BTEX, TDS, Cl, As, Ba & Mn	< 1	
MW-14	BTEX	BTEX, TDS, Cl, As, Ba & Mn	< 1	
MW-15	BTEX	BTEX, TDS, Cl, As, Ba & Mn	< 1	
MW-16	BTEX	BTEX, TDS, Cl, As, Ba & Mn	< 1	
Water Well	BTEX	BTEX, TDS, Cl, As, Ba & Mn	< 1	
SVE-2	BTEX	BTEX, TDS, Cl, As, Ba & Mn	6.9	
SVE-5	BTEX	BTEX, TDS, Cl, As, Ba & Mn	470	
SVE-6	BTEX	BTEX, TDS, Cl, As, Ba & Mn	150	
SVE-7	BTEX	BTEX, TDS, Cl, As, Ba & Mn	25	
SVE-11	BTEX	BTEX, TDS, Cl, As, Ba & Mn	300	
Notes: 1) na - not available 2) BTEX - BTEX Compounds by EPA Method 8021B 3) "Comments" are provided for wells that will not be sampled during one or more events				

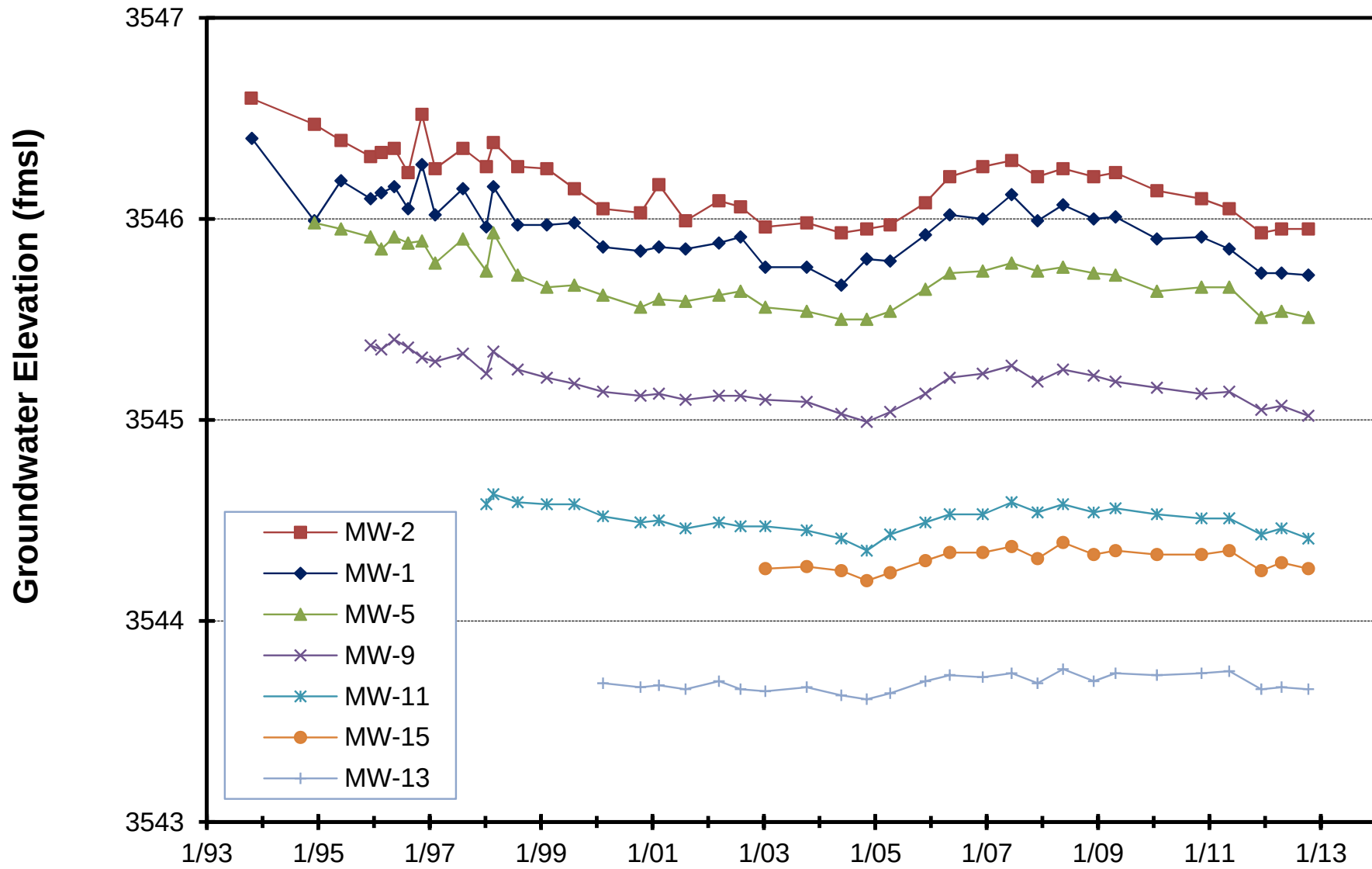
APPENDICES

APPENDIX A

Hydrograph for Selected
Monitoring Wells with
No Accumulated PSH

Bell Lake Remediation Site

Hydrograph for Selected Wells with No Accumulated PSH

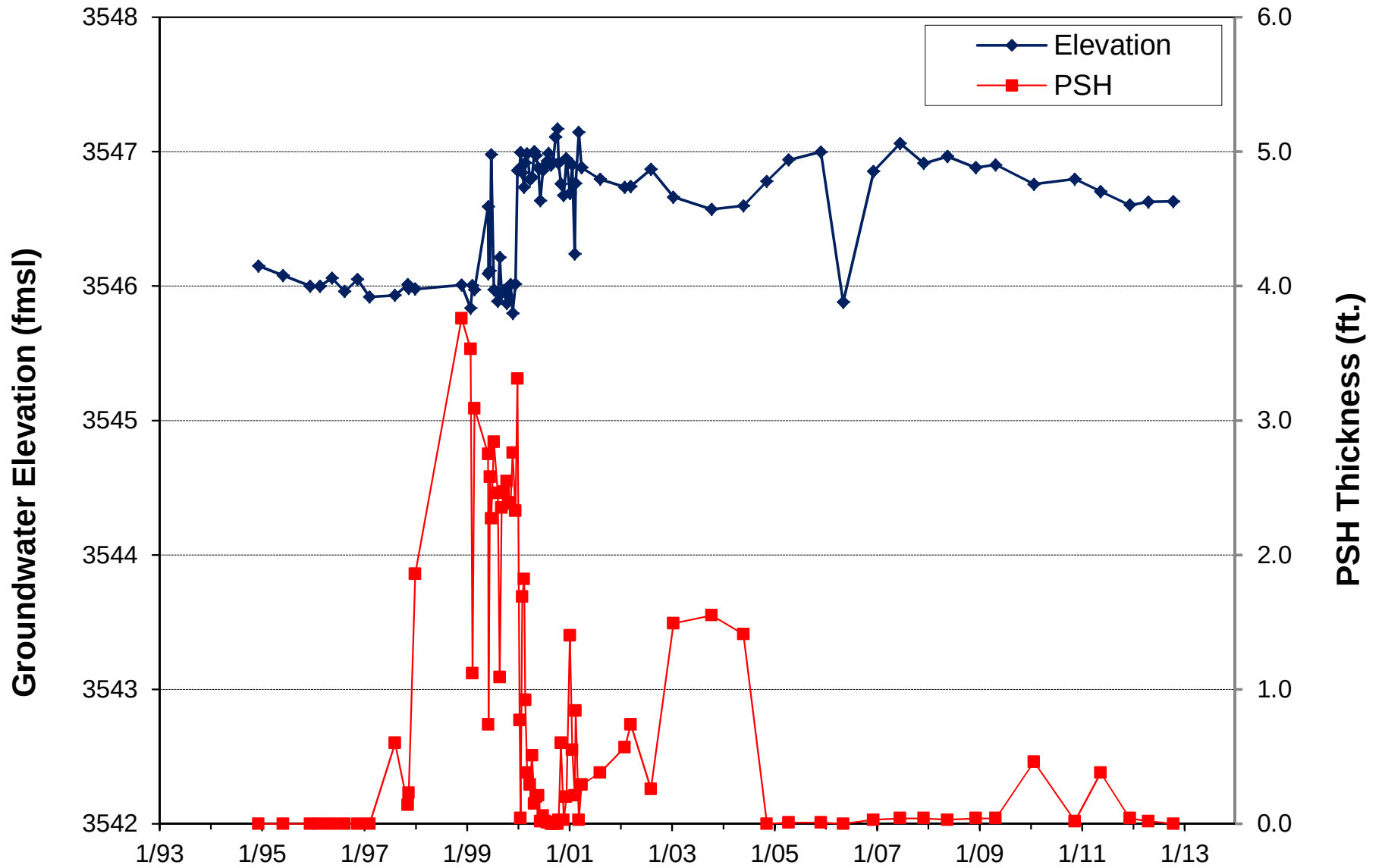


APPENDIX B

Hydrographs for Wells with Accumulated PSH

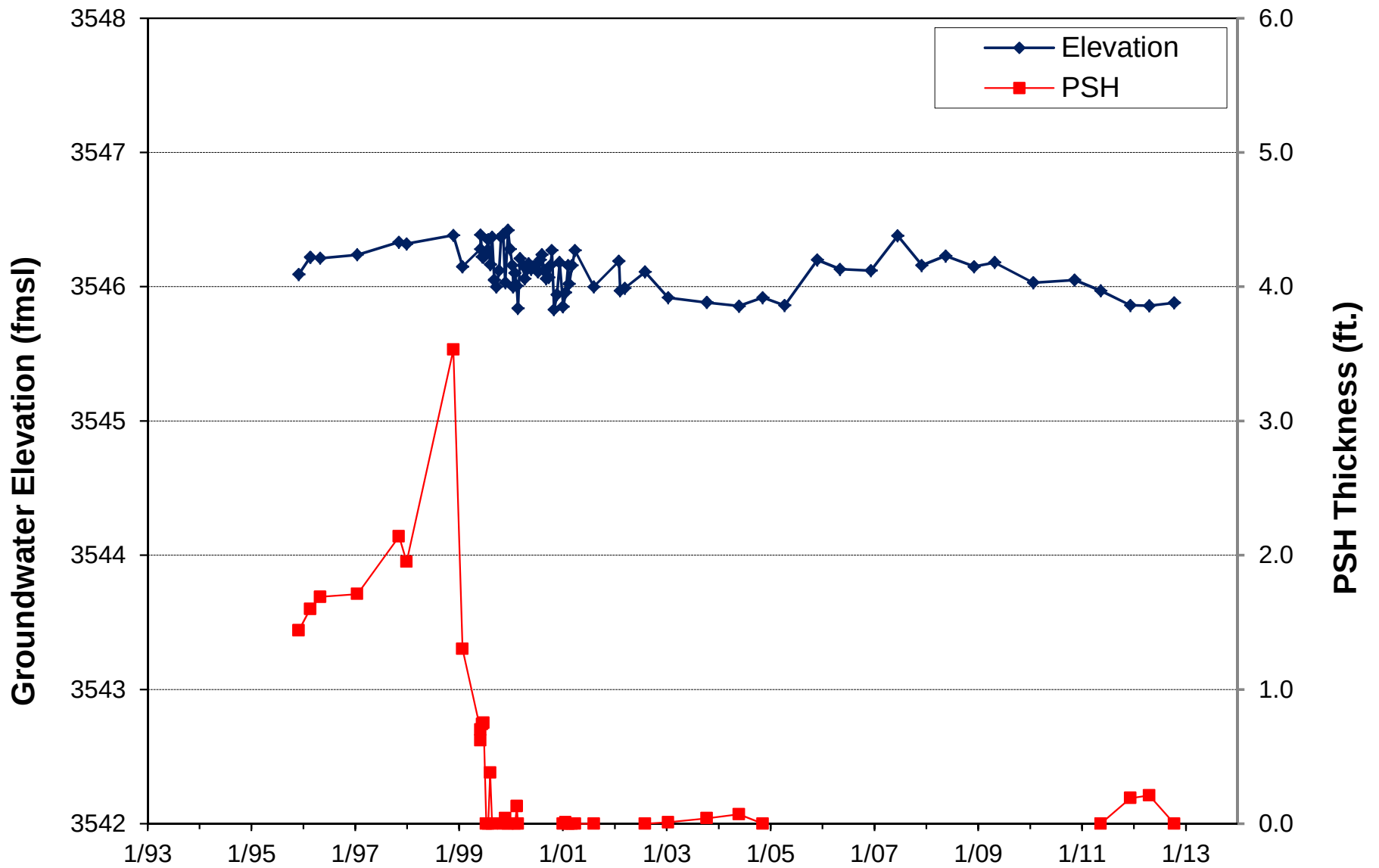
Bell Lake Remediation Site

Hydrograph for Well MW-4



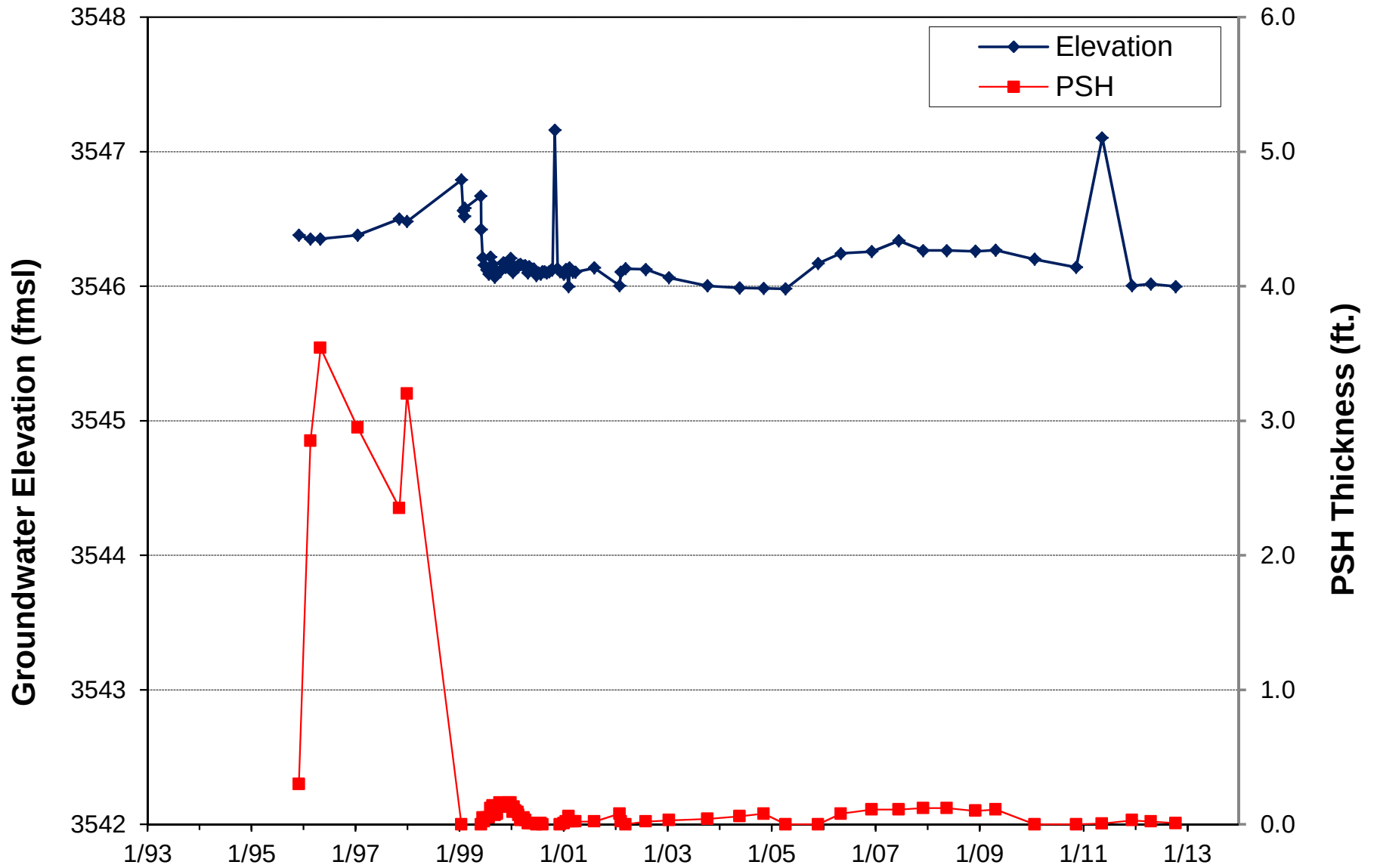
Bell Lake Remediation Site

Hydrograph for Well SVE-1



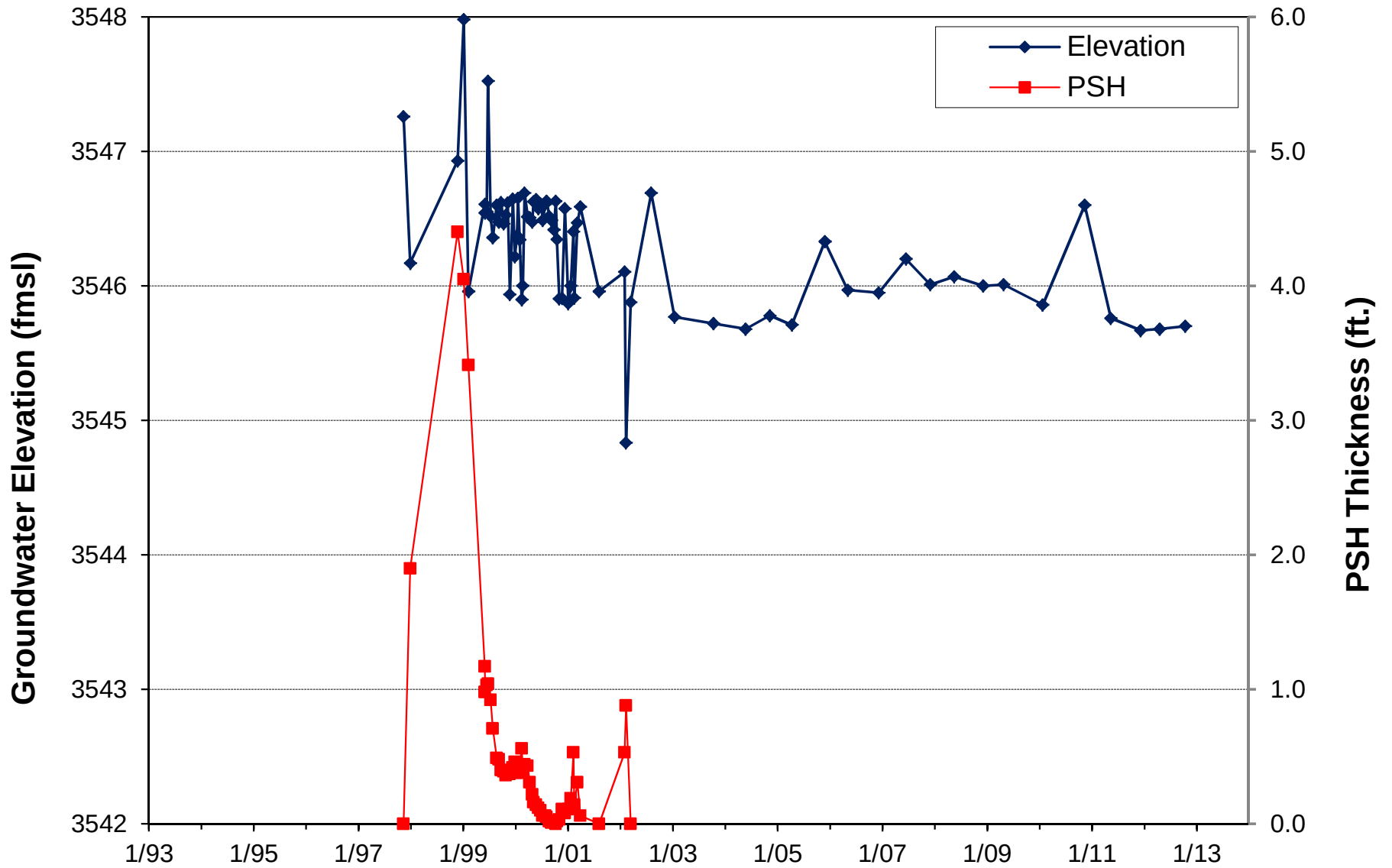
Bell Lake Remediation Site

Hydrograph for Well SVE-3



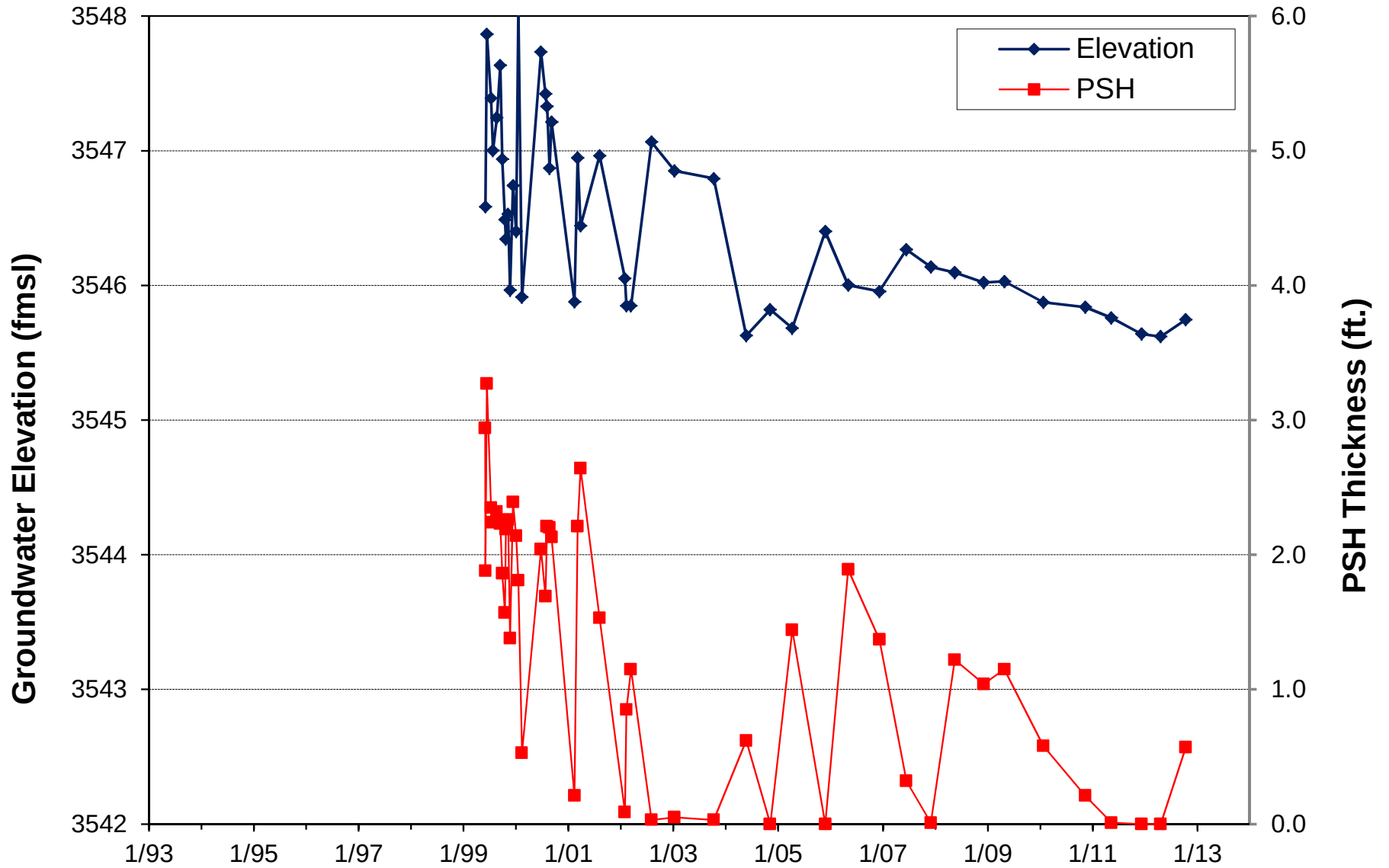
Bell Lake Remediation Site

Hydrograph for Well SVE-4



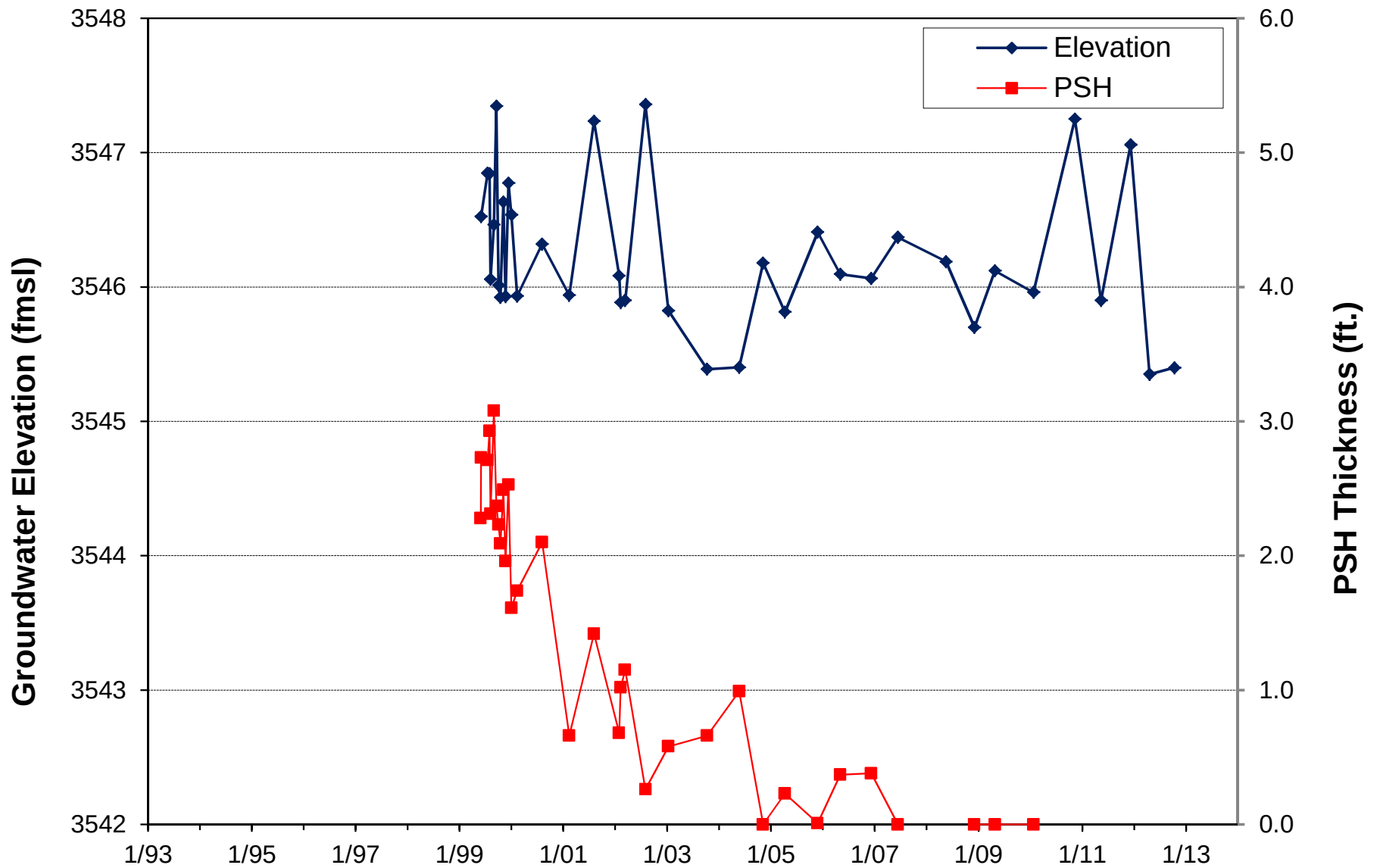
Bell Lake Remediation Site

Hydrograph for Well SVE-8



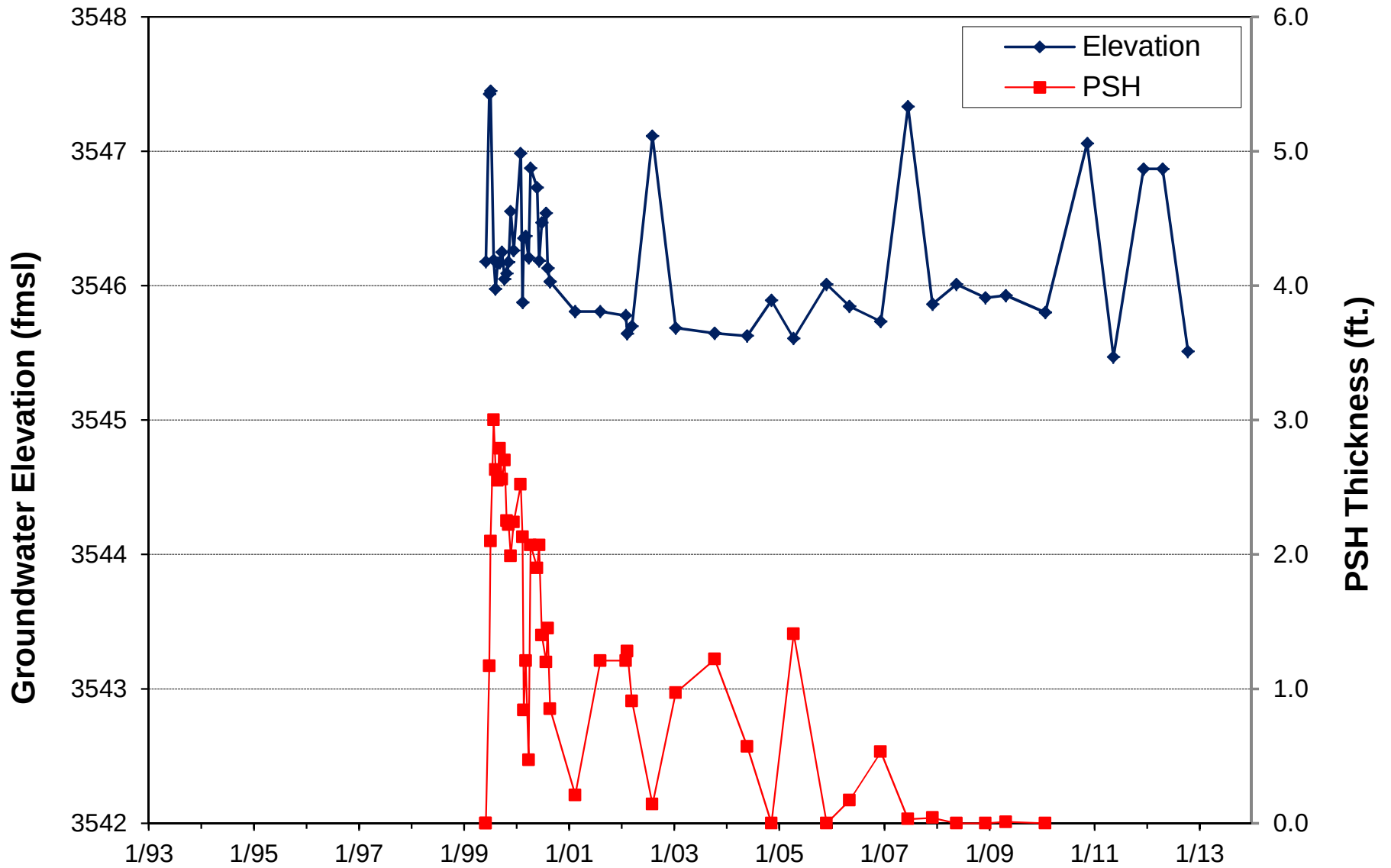
Bell Lake Remediation Site

Hydrograph for Well SVE-9



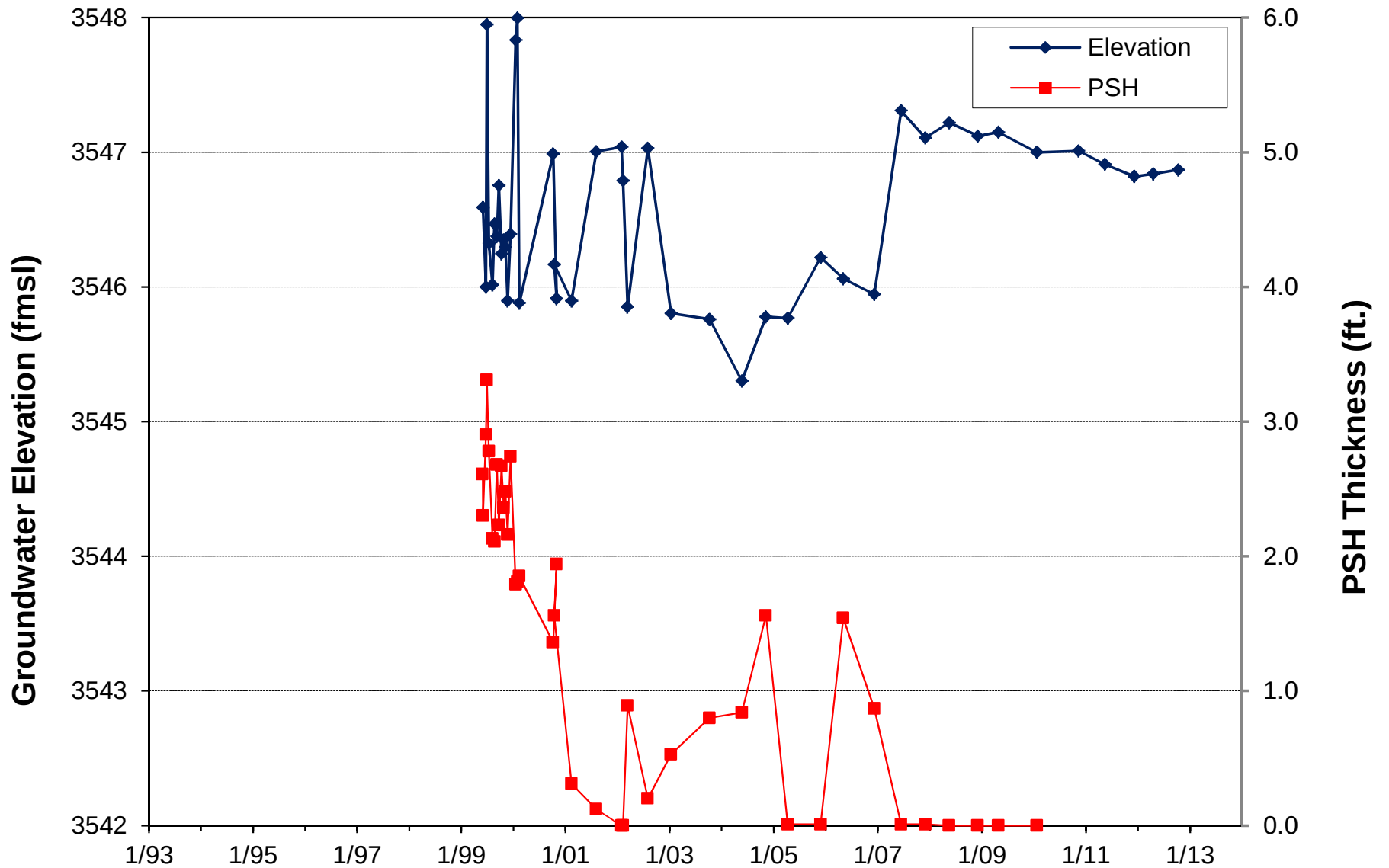
Bell Lake Remediation Site

Hydrograph for Well SVE-10



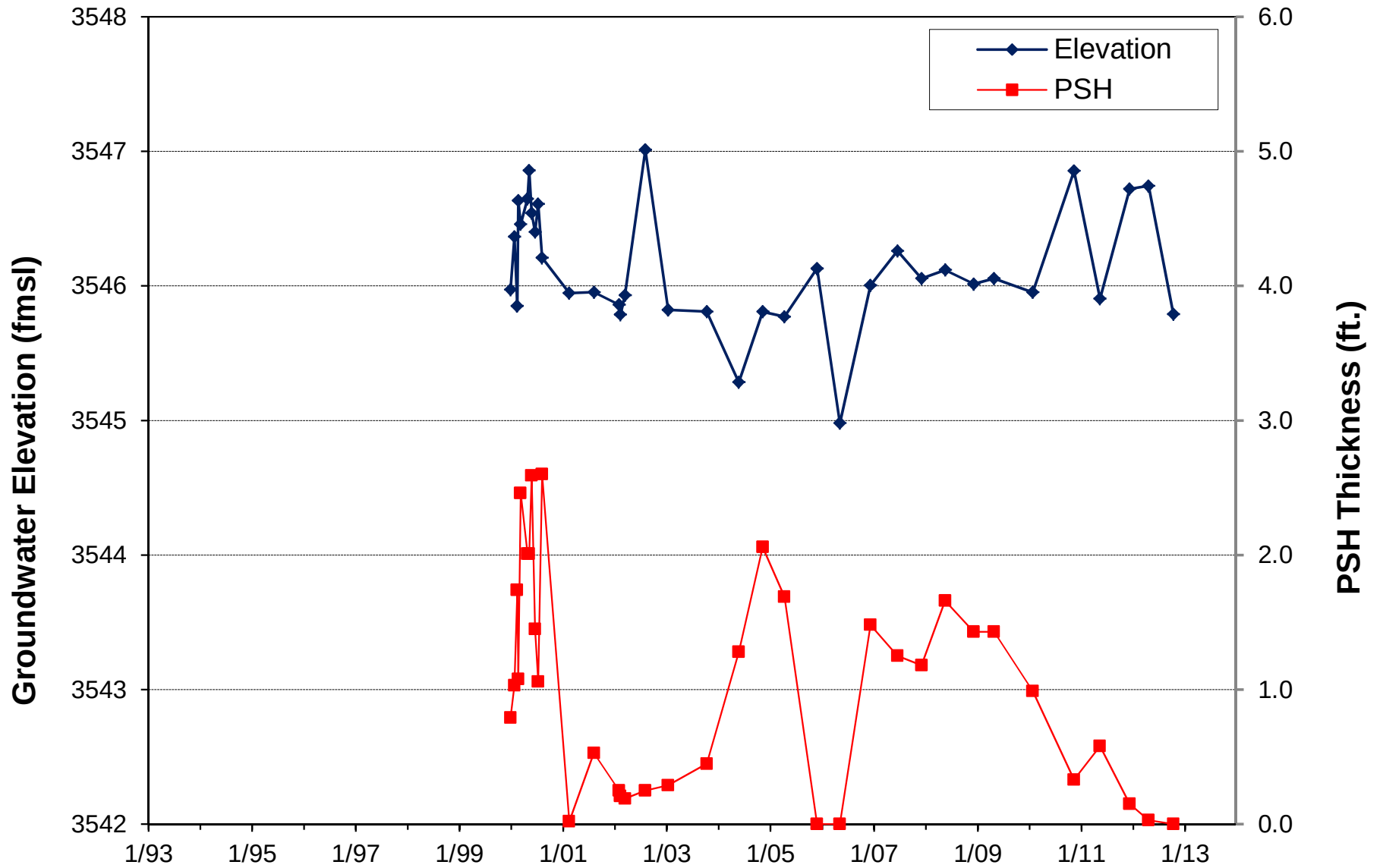
Bell Lake Remediation Site

Hydrograph for Well SVE-12



Bell Lake Remediation Site

Hydrograph for Well SVE-13

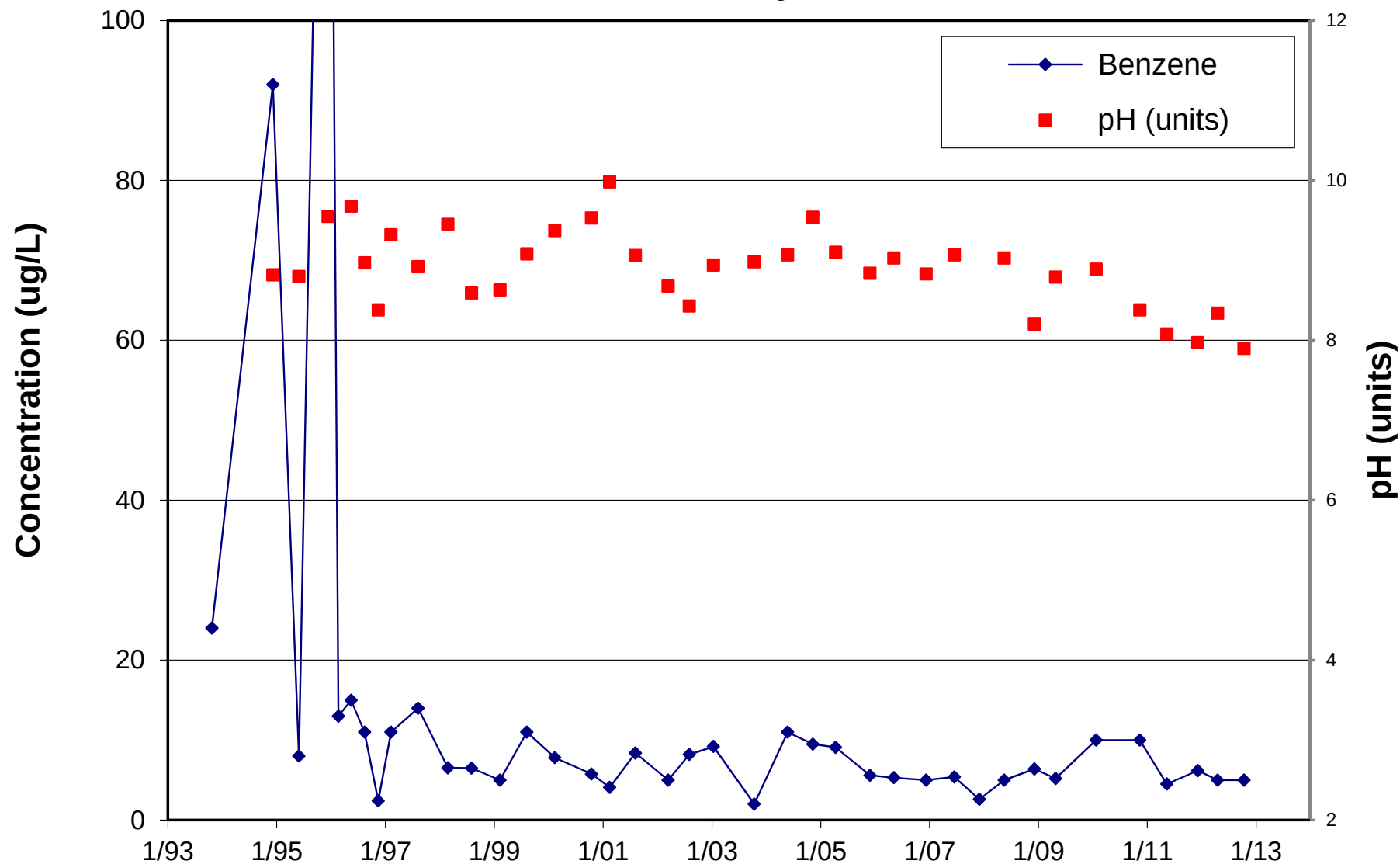


APPENDIX C

Concentration History Plots Benzene & pH

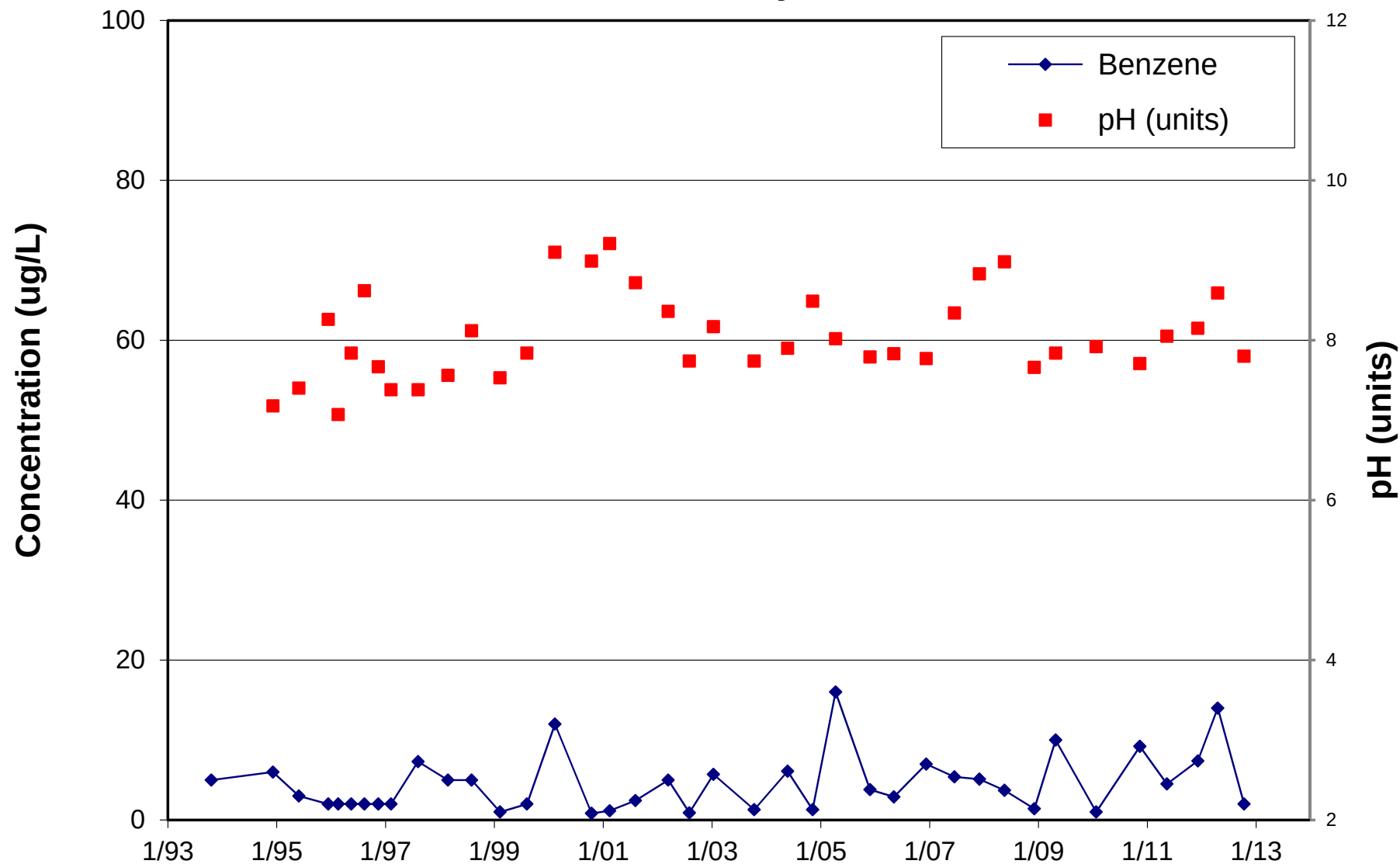
Bell Lake Remediation Site

Concentration History at Well MW-1



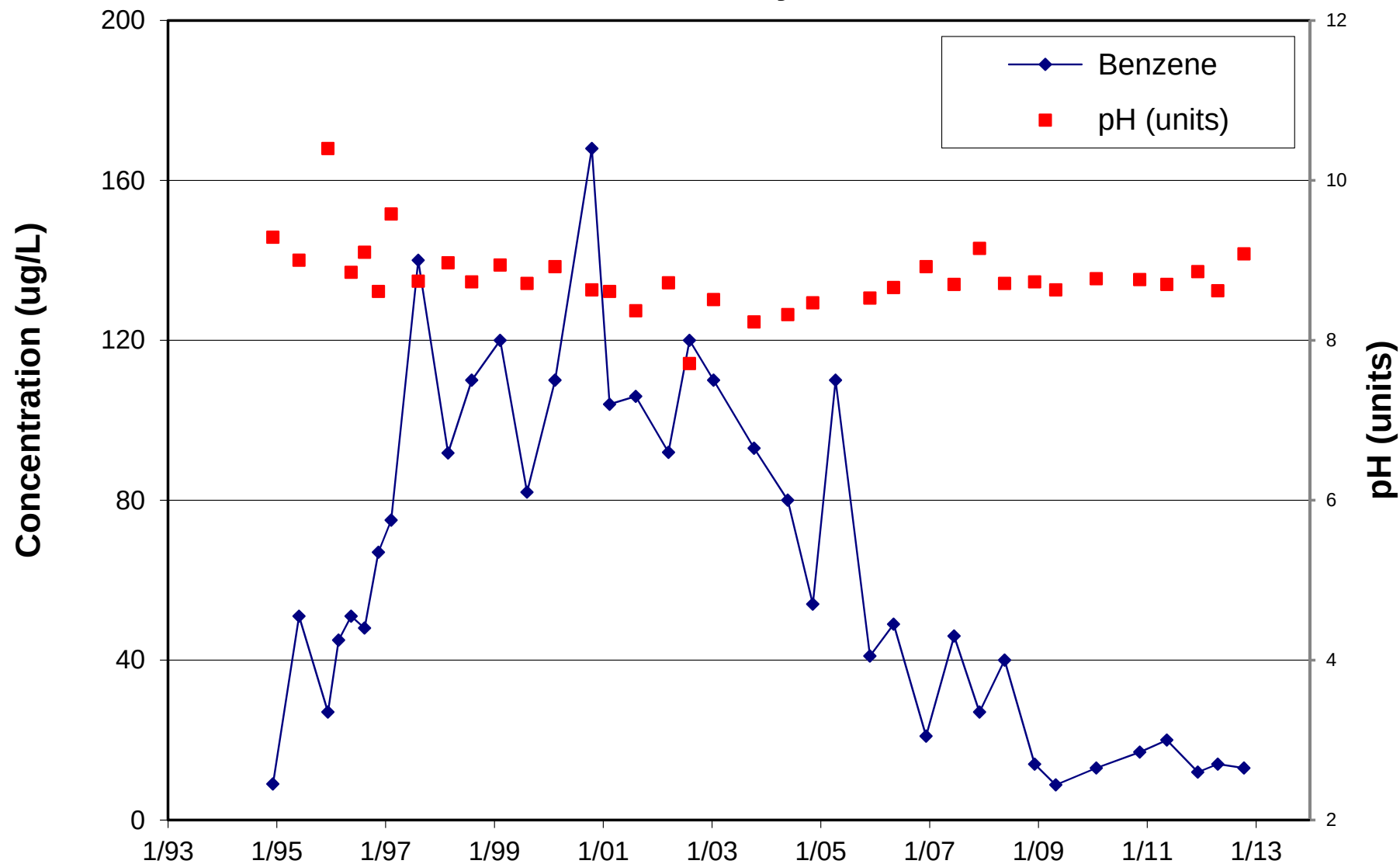
Bell Lake Remediation Site

Concentration History at Well MW-2



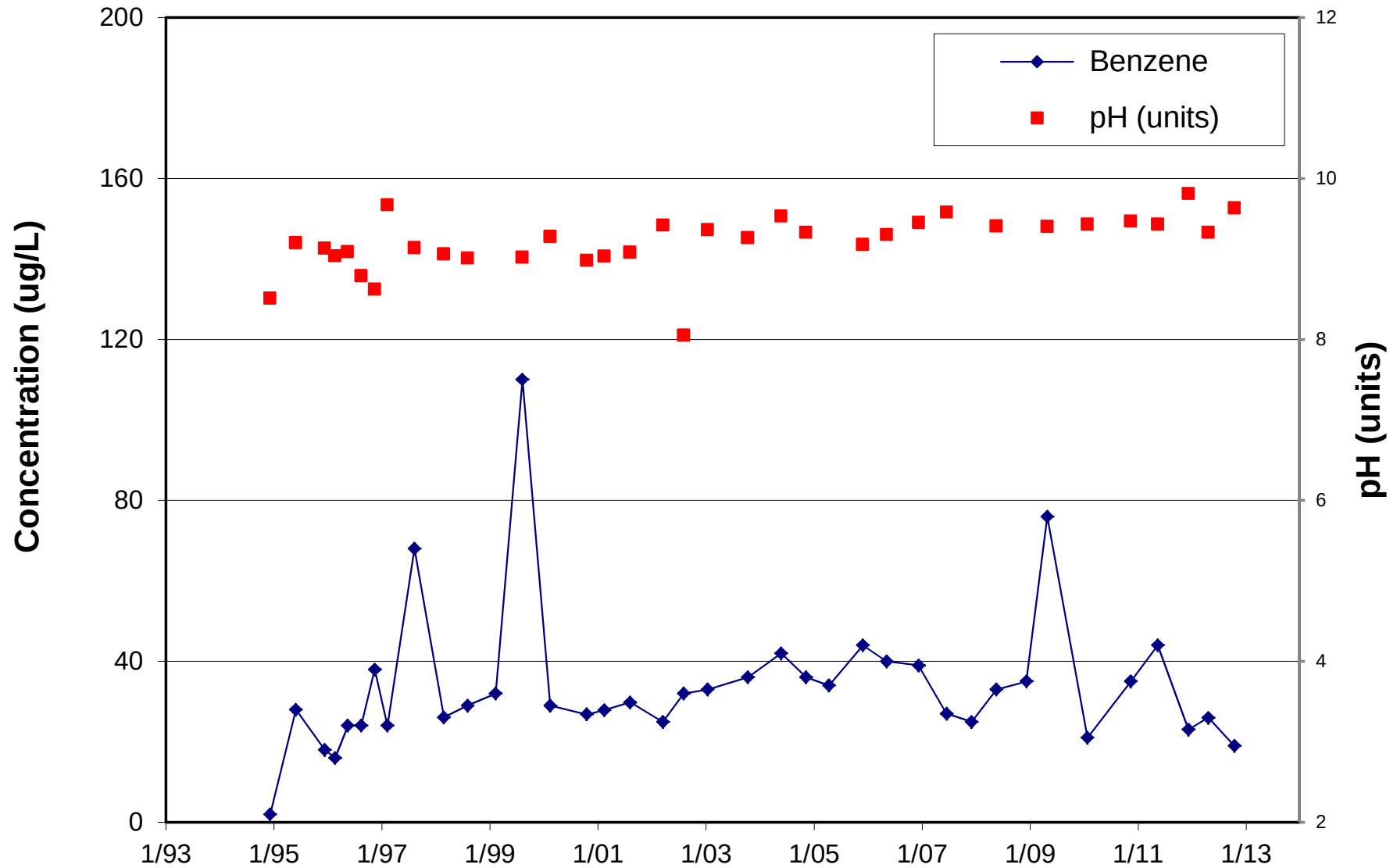
Bell Lake Remediation Site

Concentration History at Well MW-5



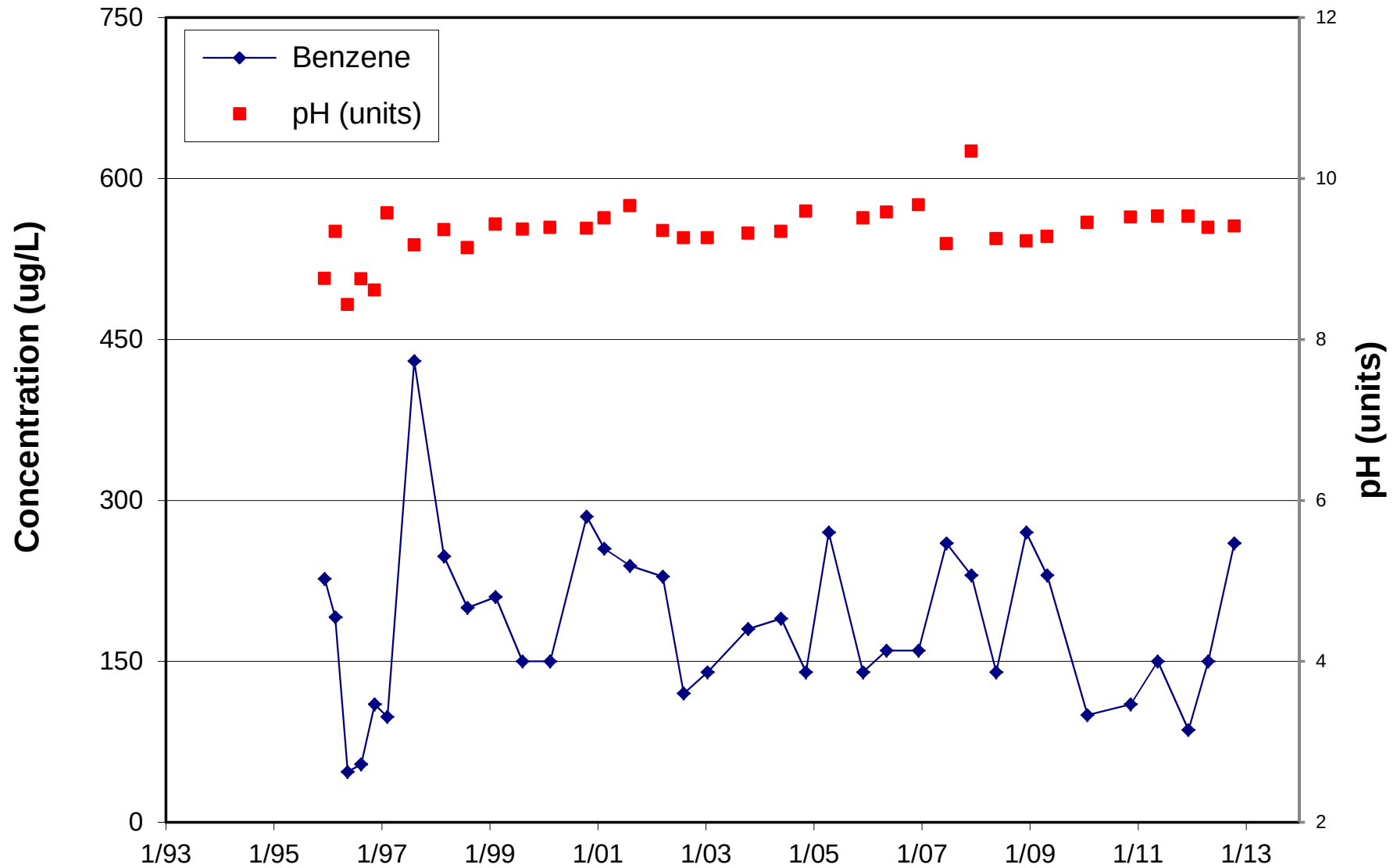
Bell Lake Remediation Site

Concentration History at Well MW-6



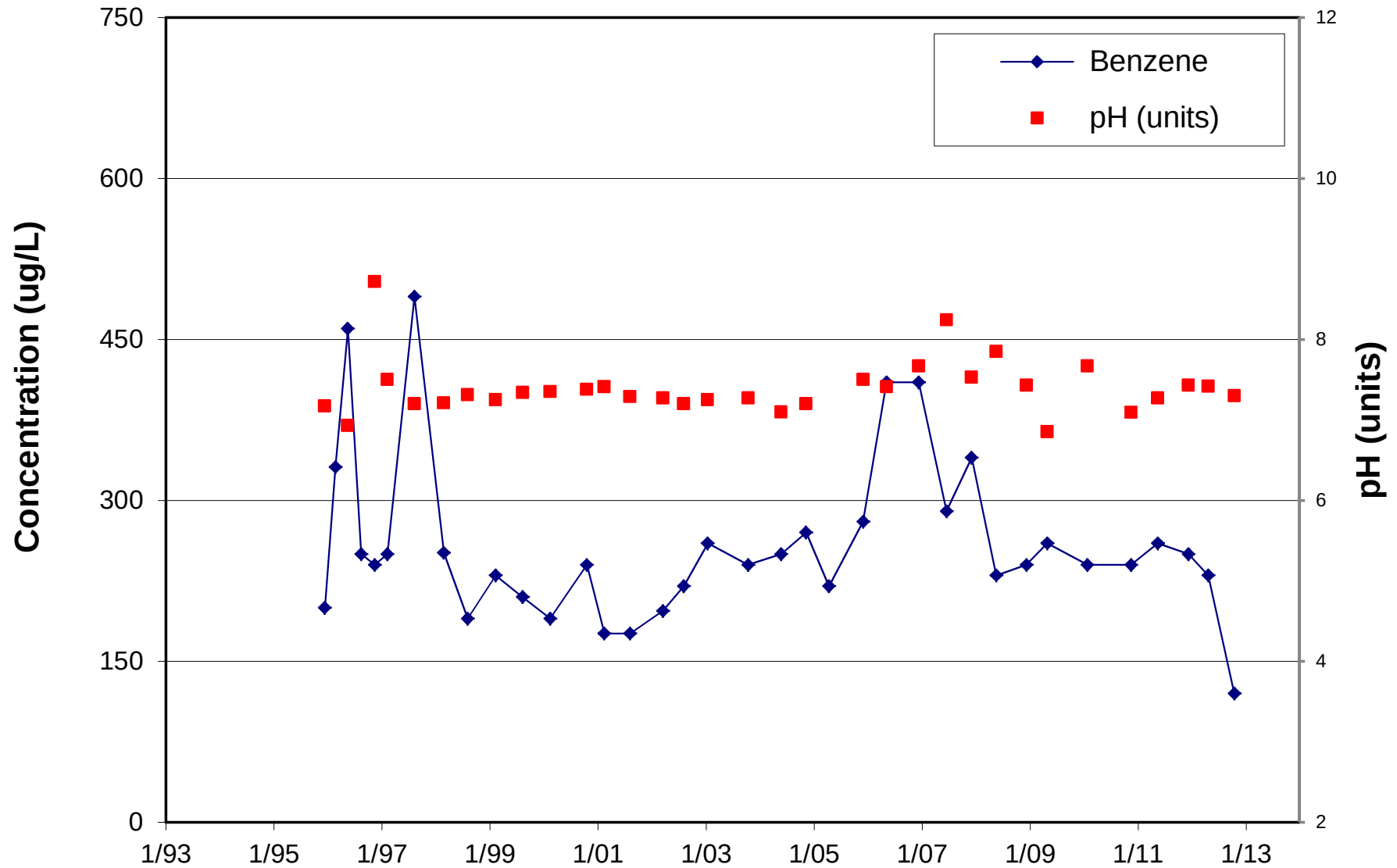
Bell Lake Remediation Site

Concentration History at Well MW-8



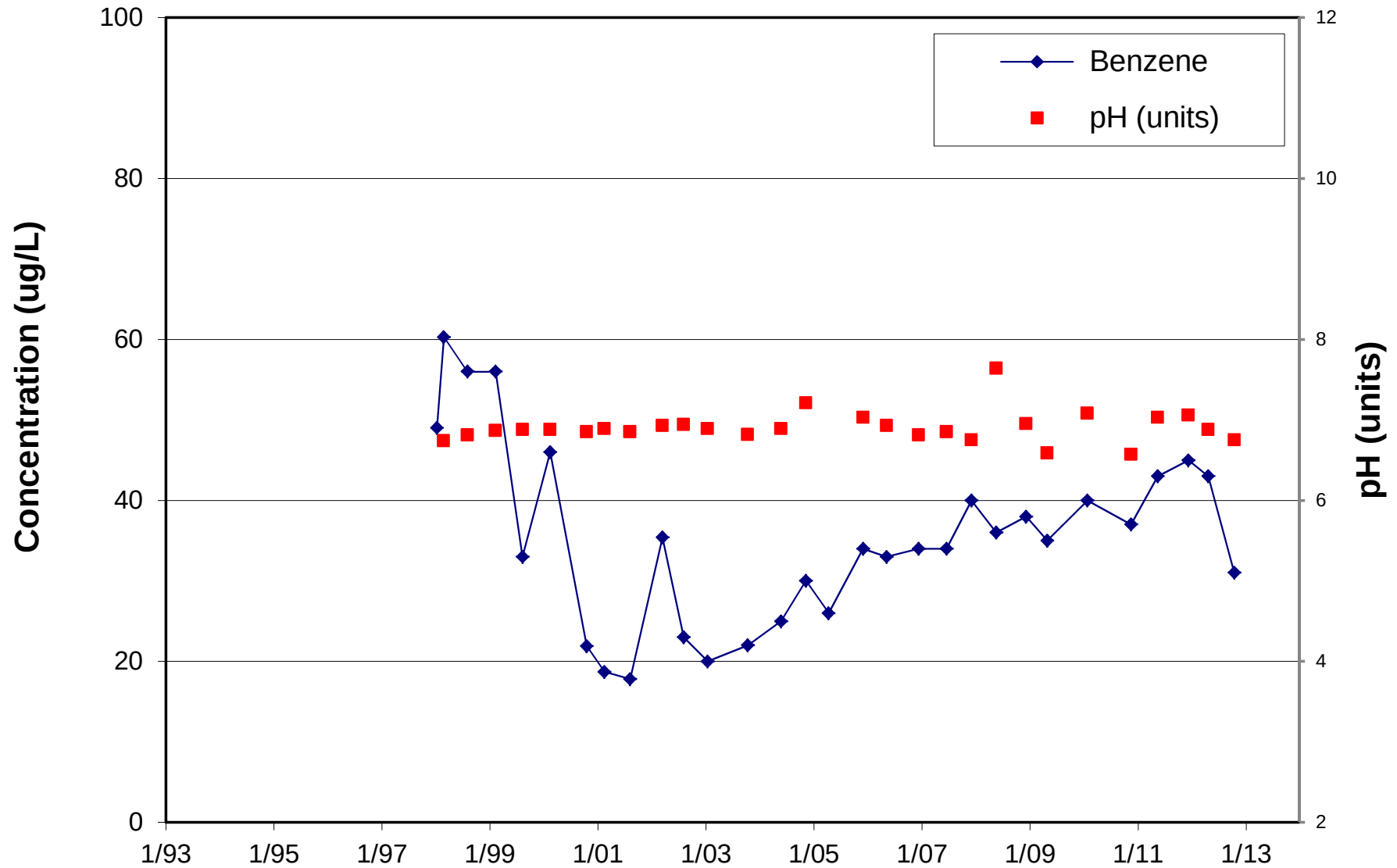
Bell Lake Remediation Site

Concentration History at Well MW-9



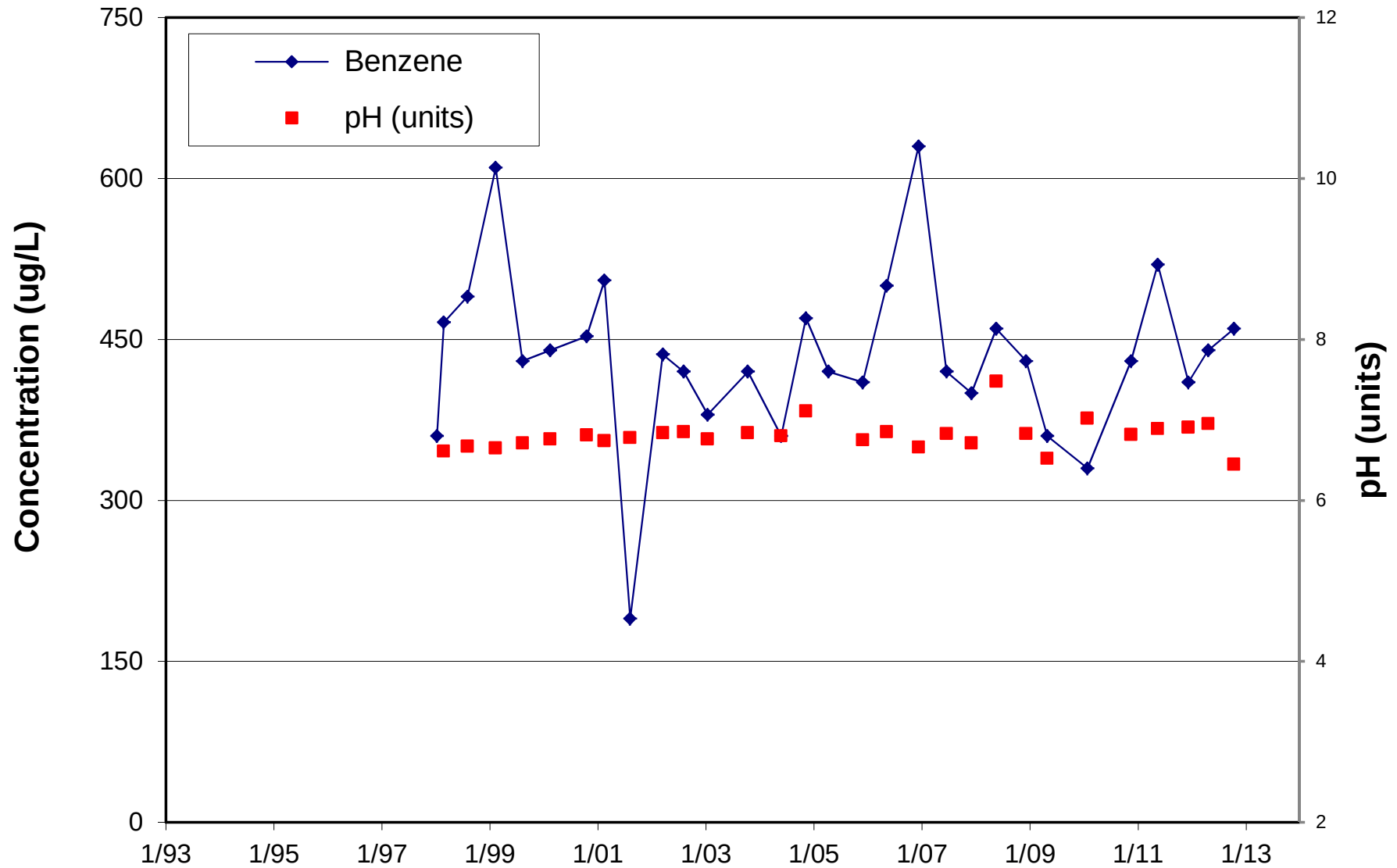
Bell Lake Remediation Site

Concentration History at Well MW-10



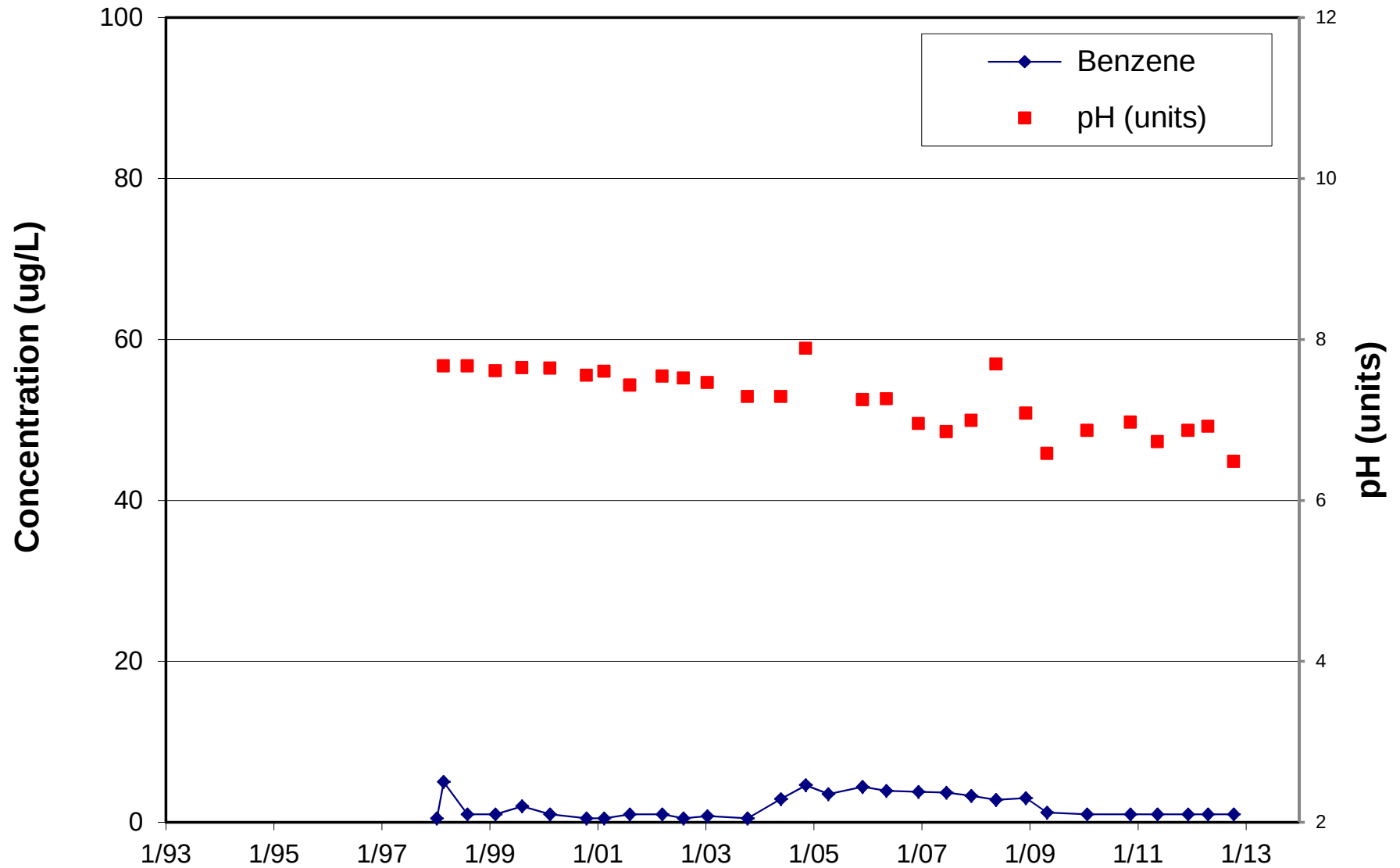
Bell Lake Remediation Site

Concentration History at Well MW-11



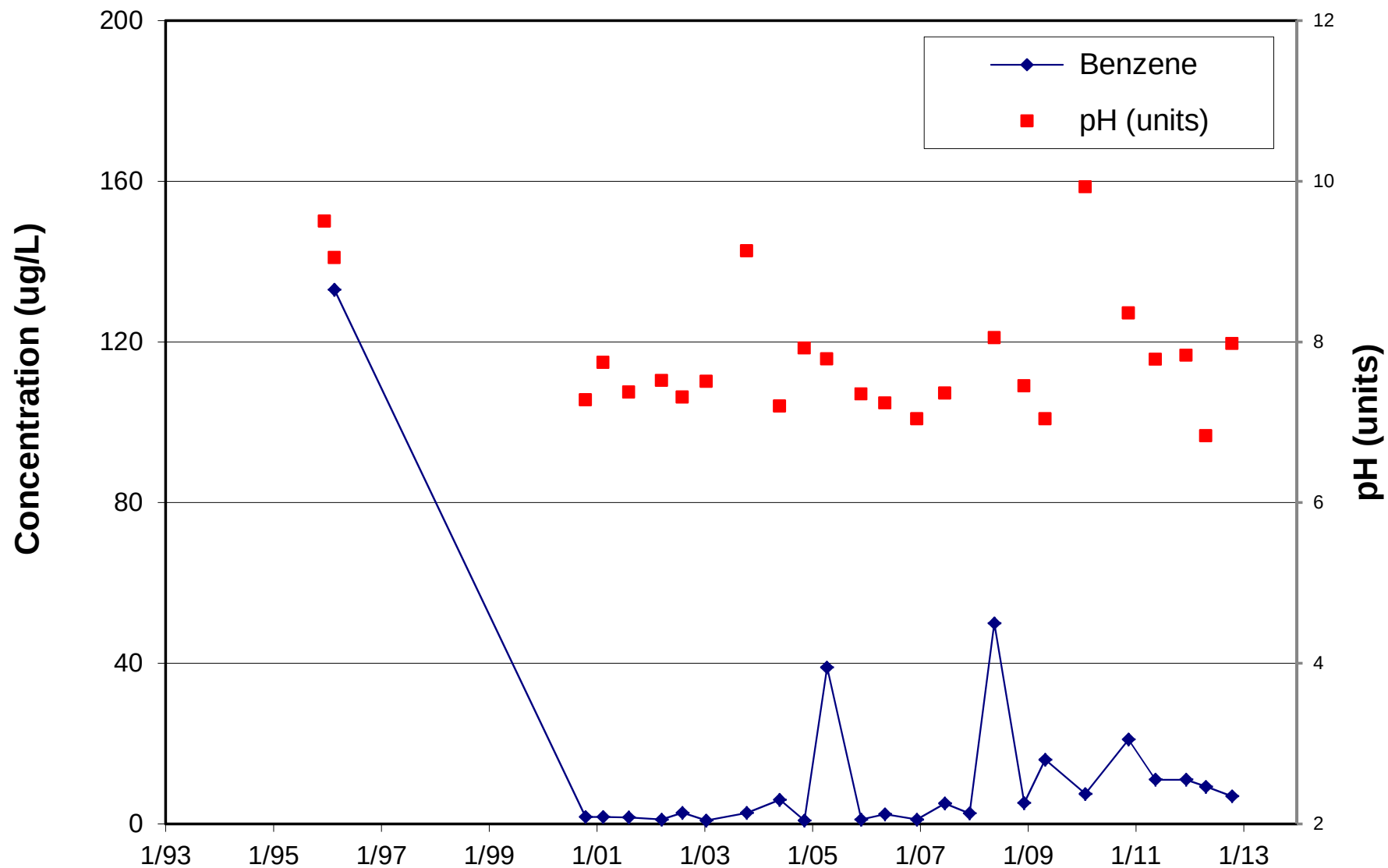
Bell Lake Remediation Site

Concentration History at Well MW-12



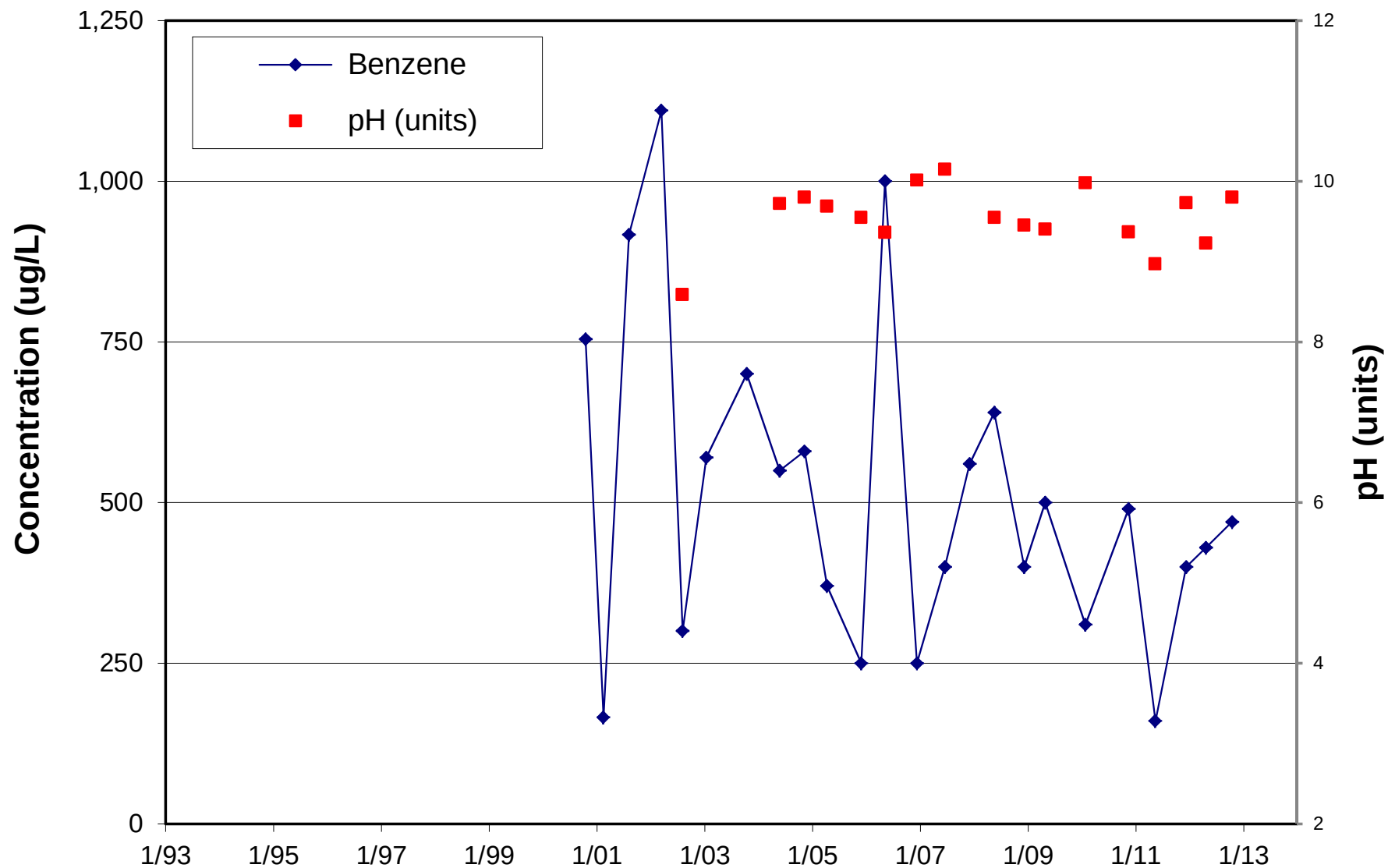
Bell Lake Remediation Site

Concentration History at Well SVE-2



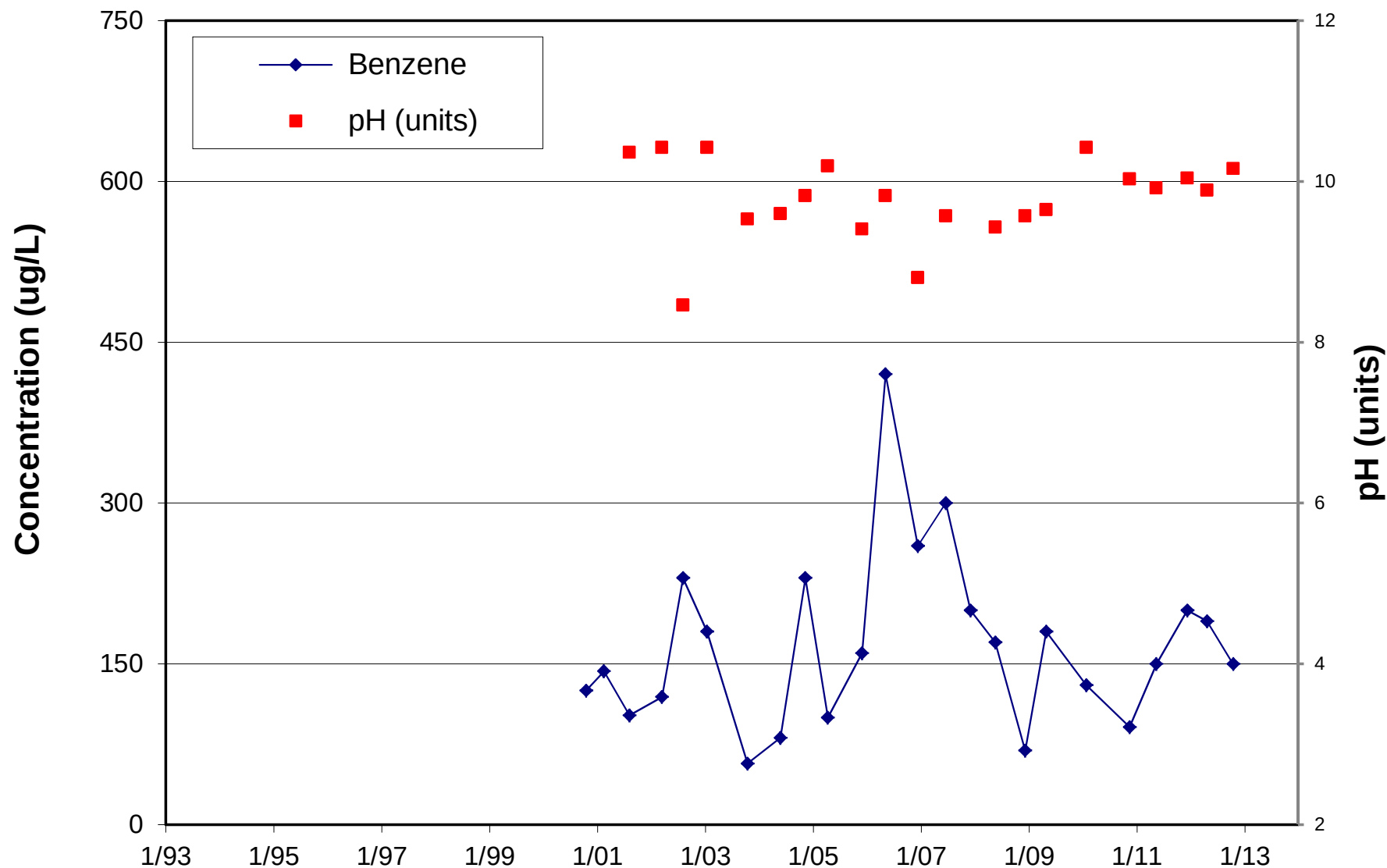
Bell Lake Remediation Site

Concentration History at Well SVE-5



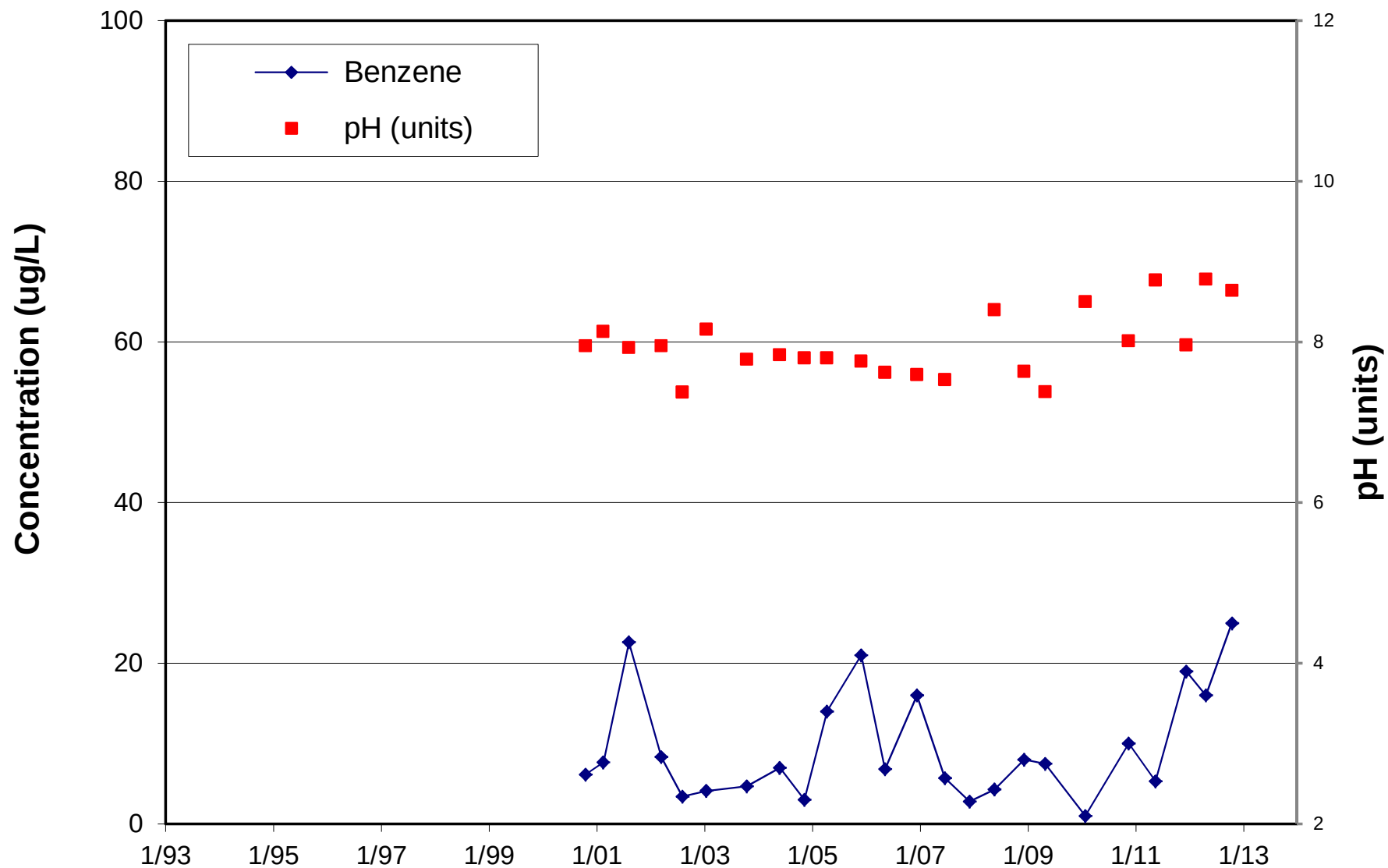
Bell Lake Remediation Site

Concentration History at Well SVE-6



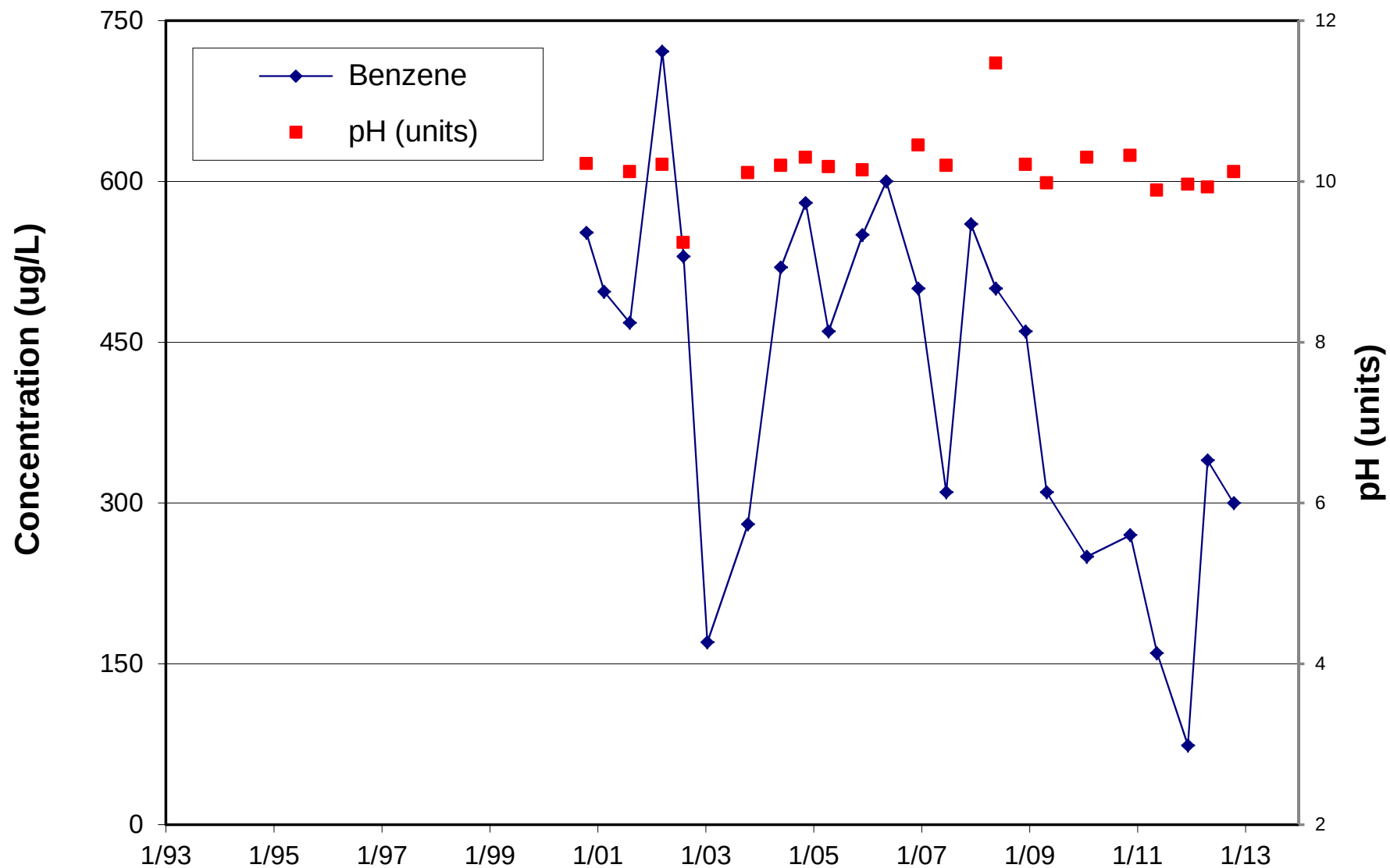
Bell Lake Remediation Site

Concentration History at Well SVE-7



Bell Lake Remediation Site

Concentration History at Well SVE-11

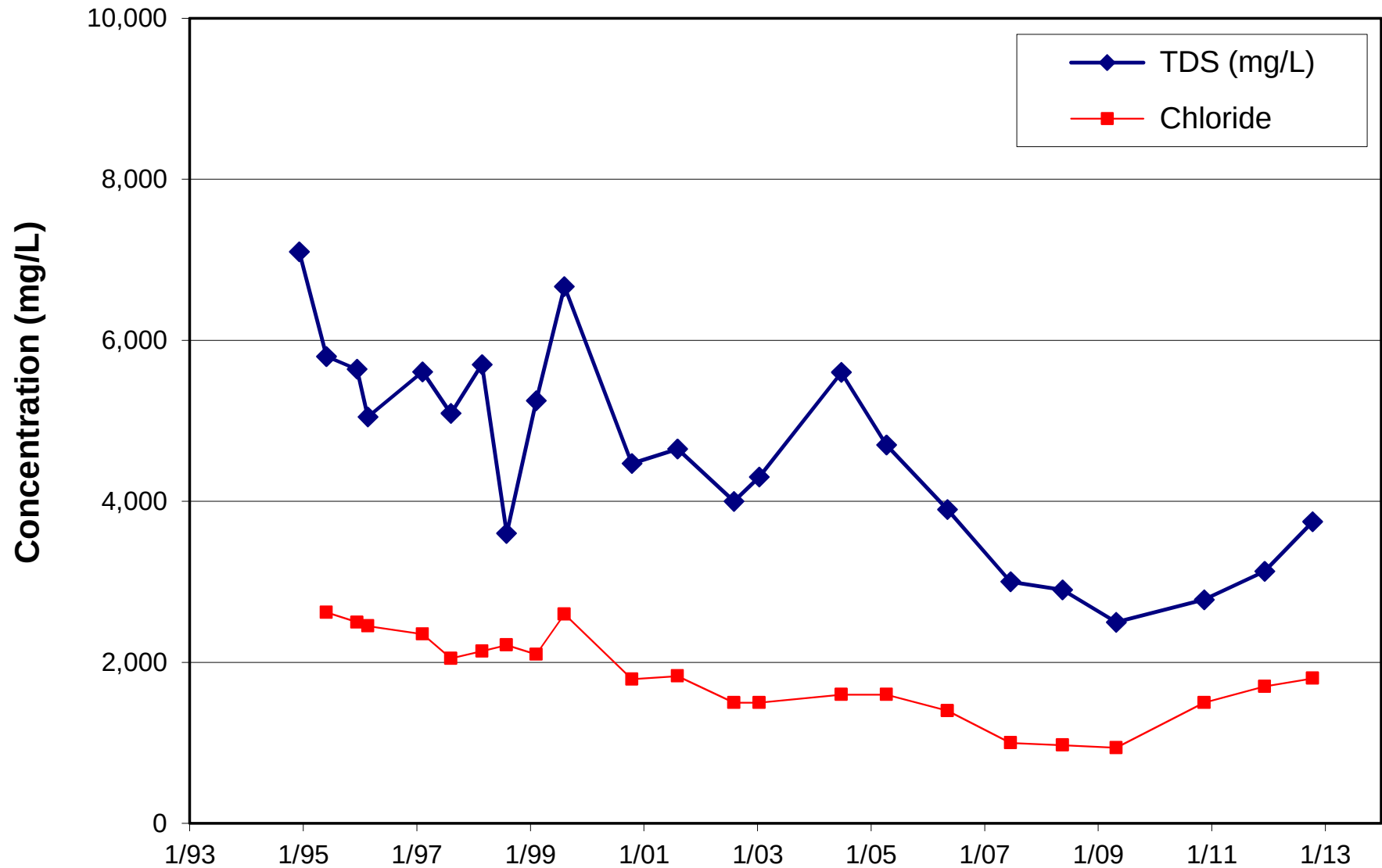


APPENDIX D

Concentration History Plots TDS & Chlorides

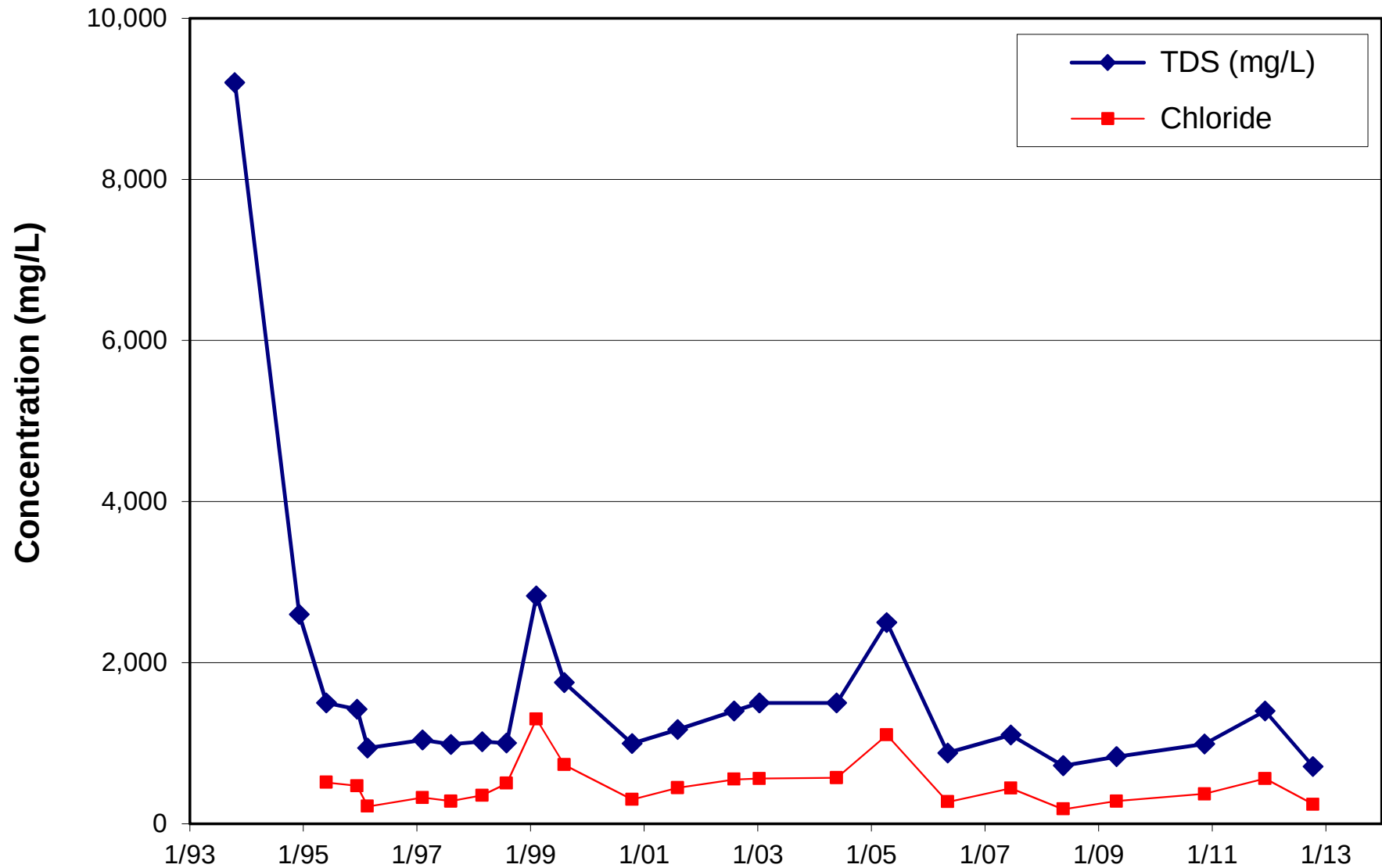
Bell Lake Remediation Site

Concentration History at Well MW-1



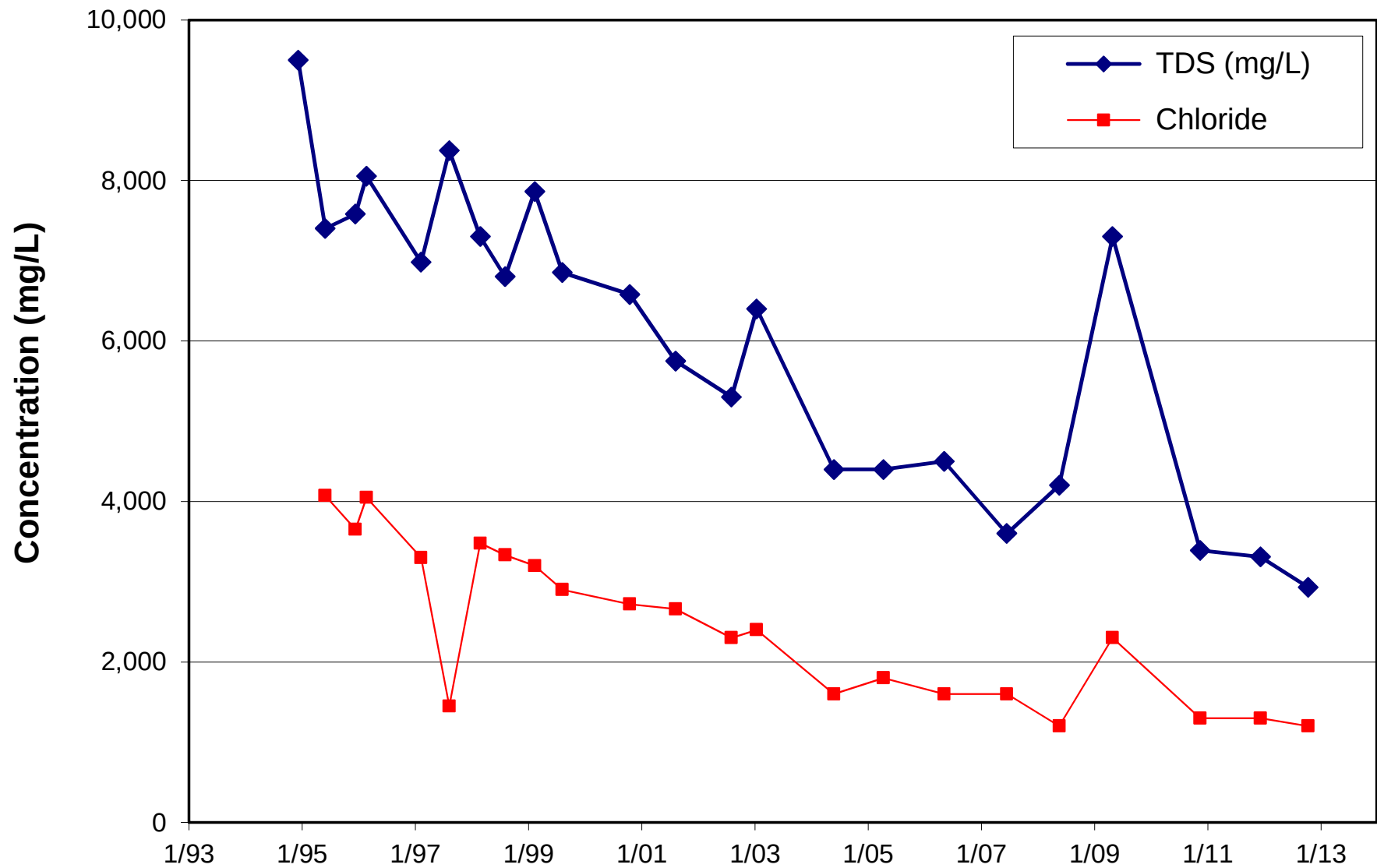
Bell Lake Remediation Site

Concentration History at Well MW-2



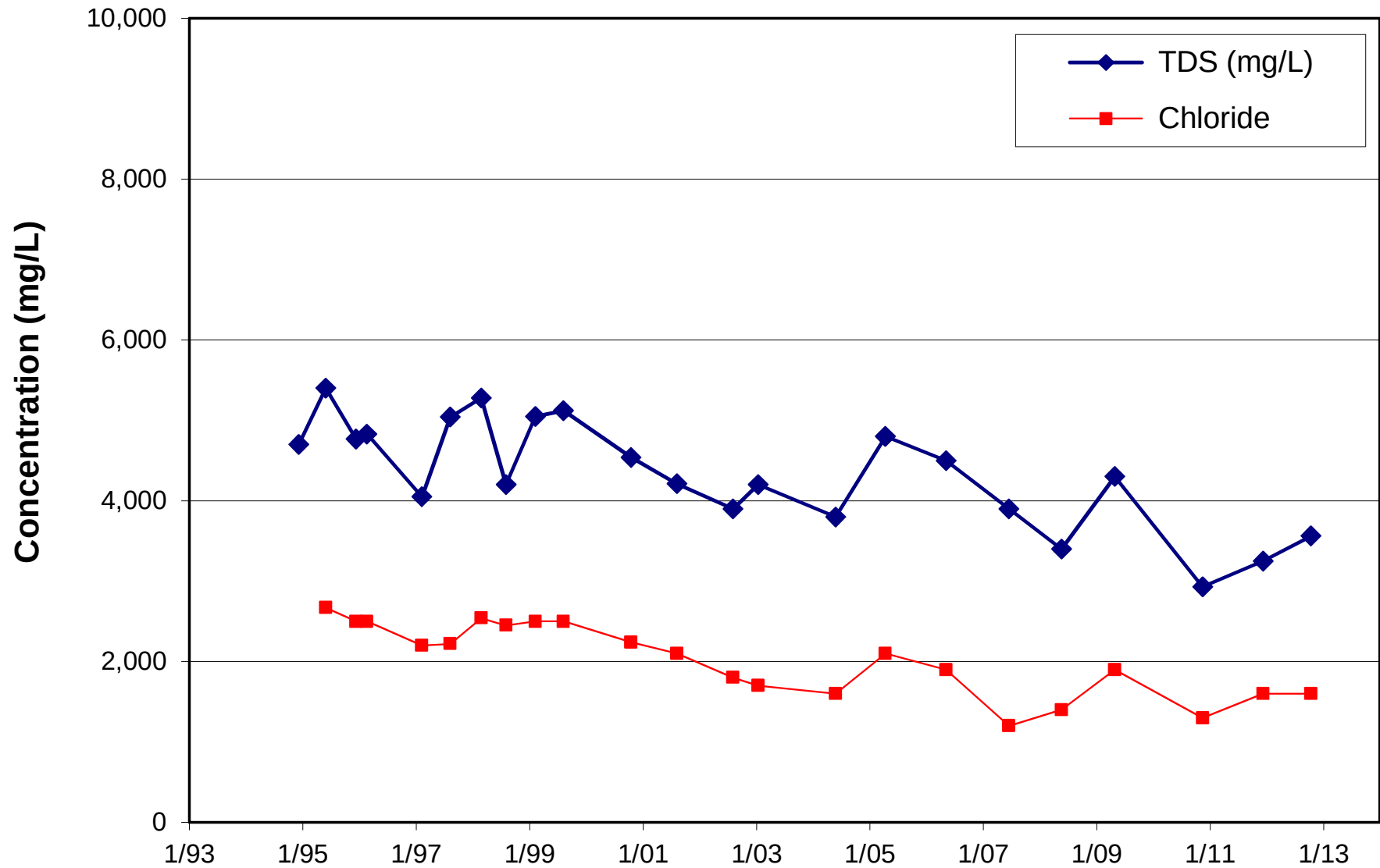
Bell Lake Remediation Site

Concentration History at Well MW-5



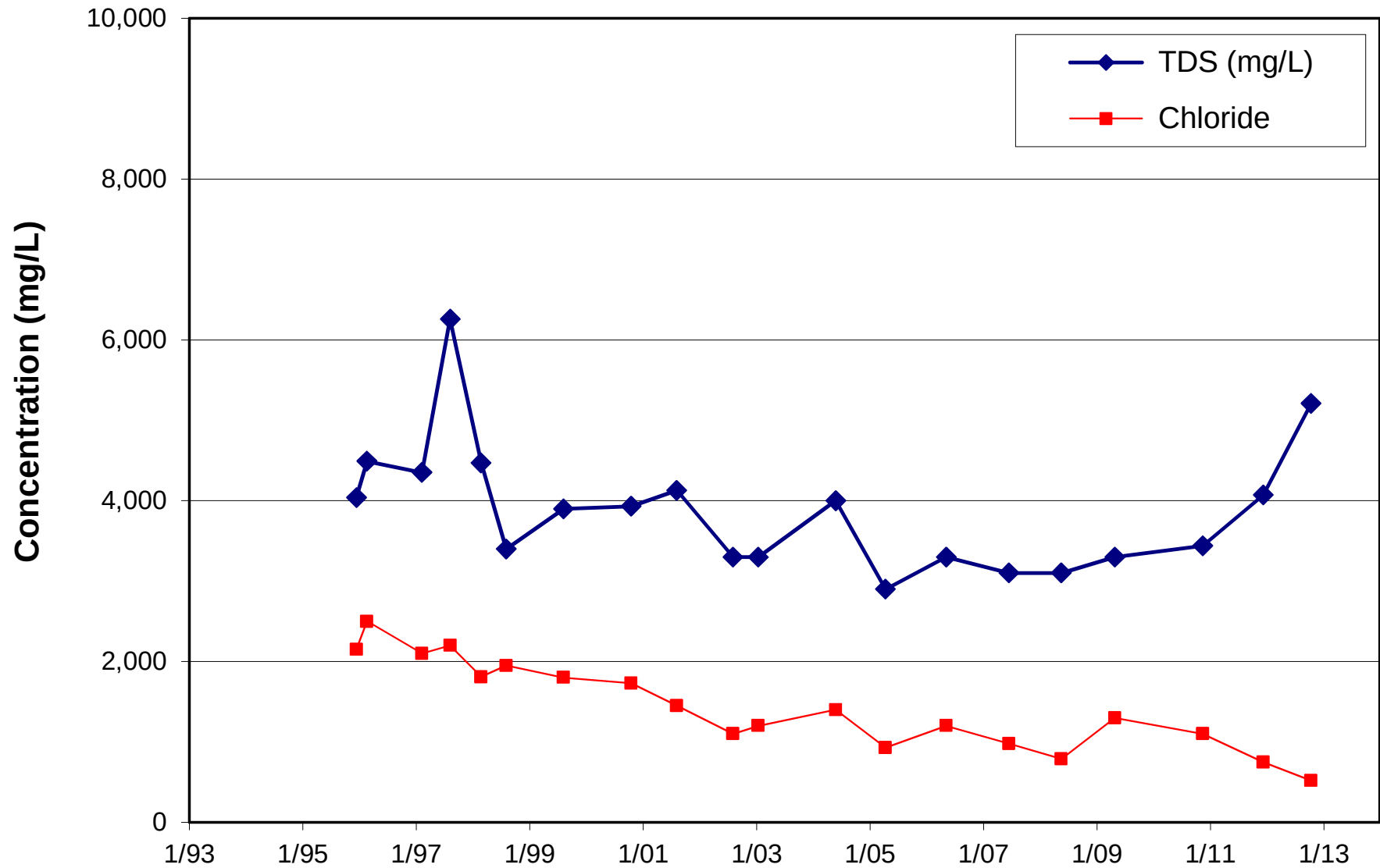
Bell Lake Remediation Site

Concentration History at Well MW-6



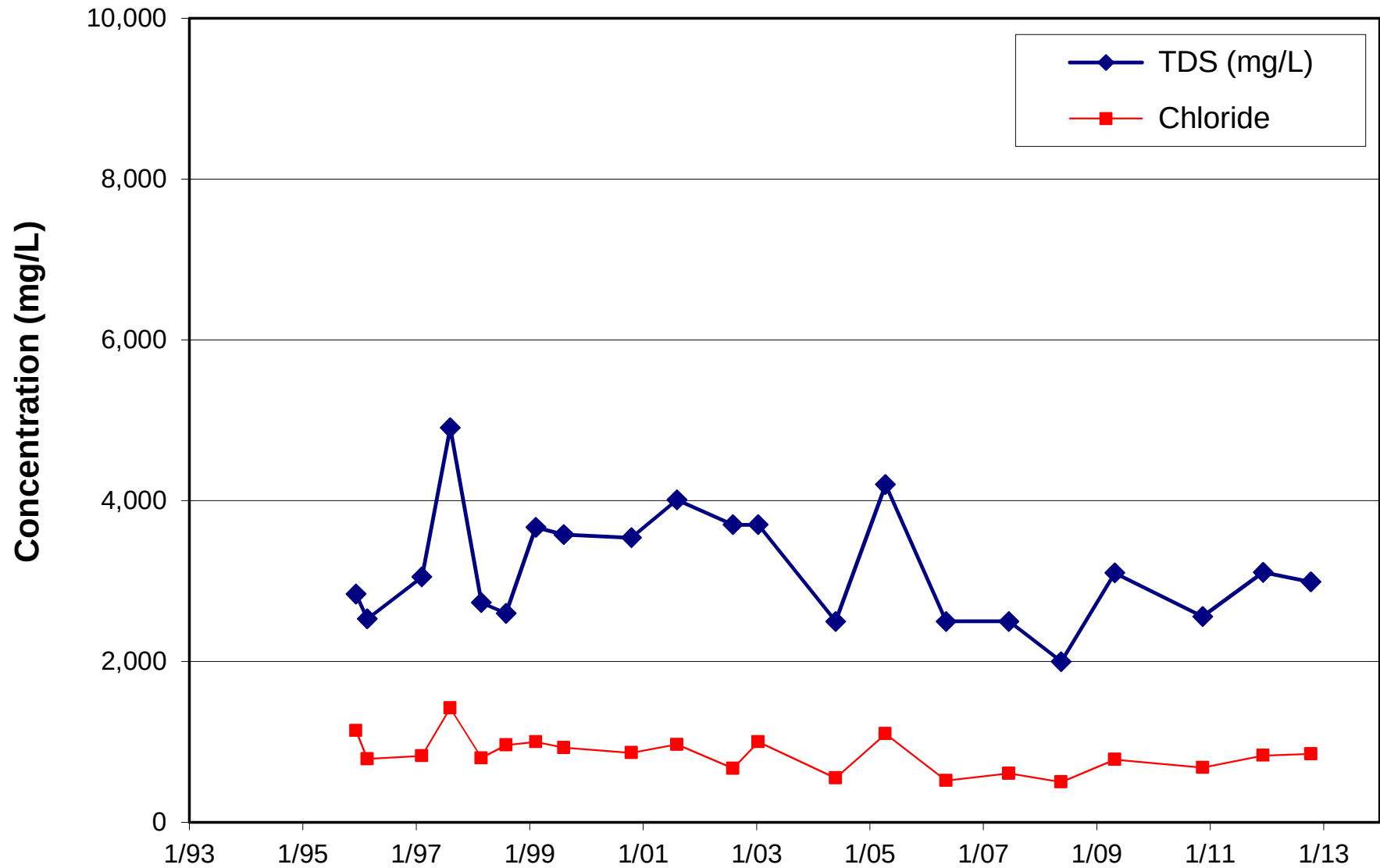
Bell Lake Remediation Site

Concentration History at Well MW-7



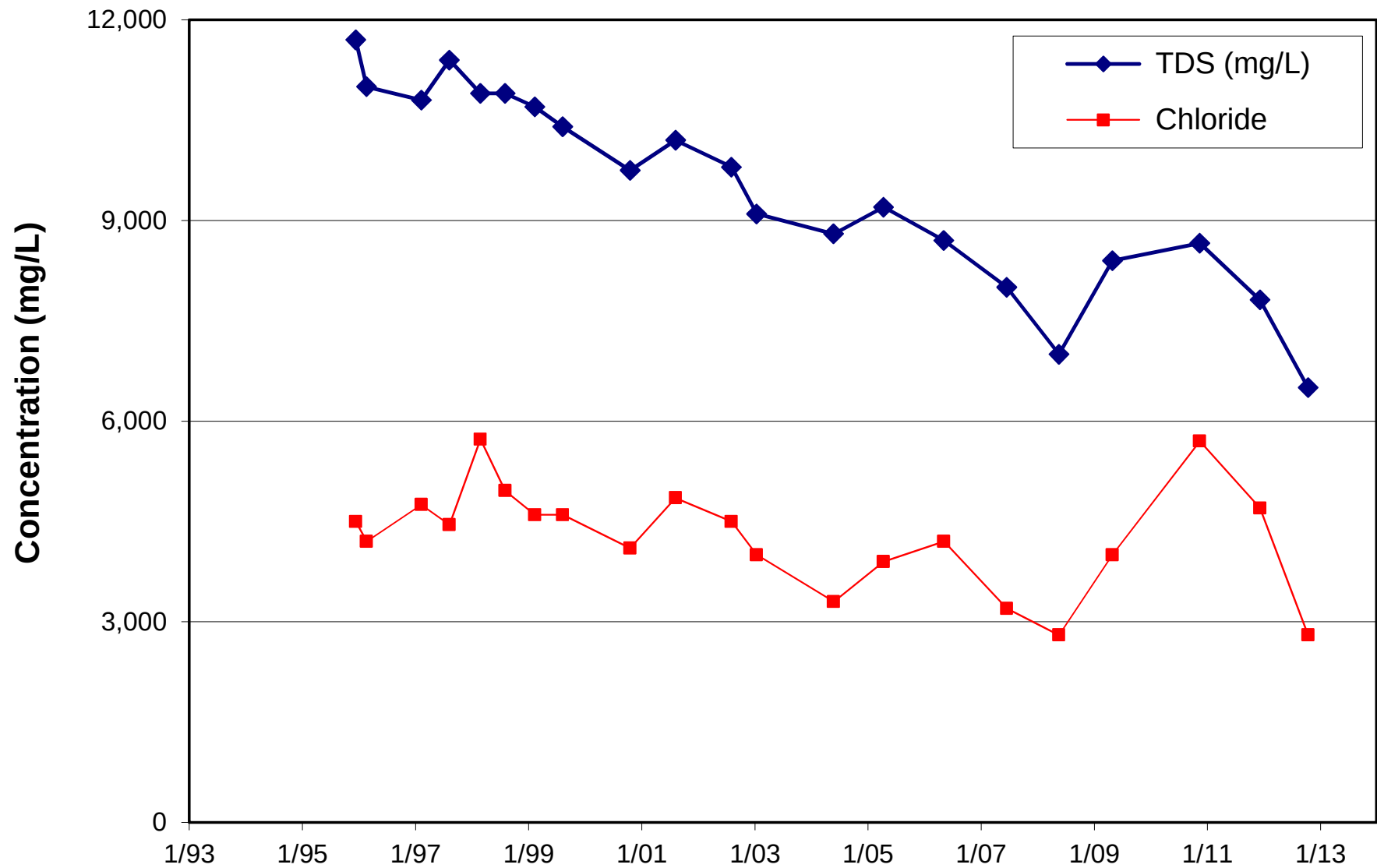
Bell Lake Remediation Site

Concentration History at Well MW-8



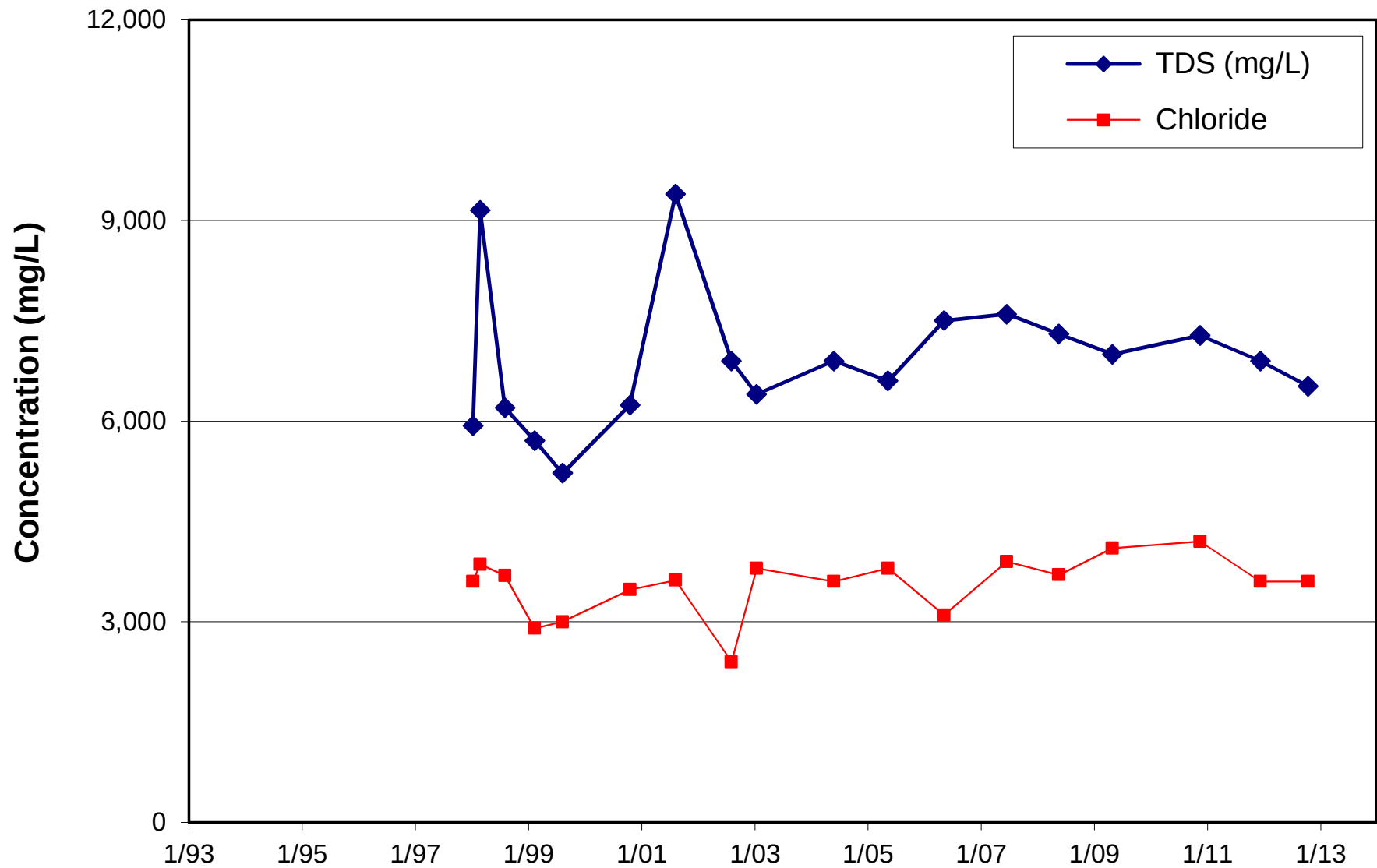
Bell Lake Remediation Site

Concentration History at Well MW-9



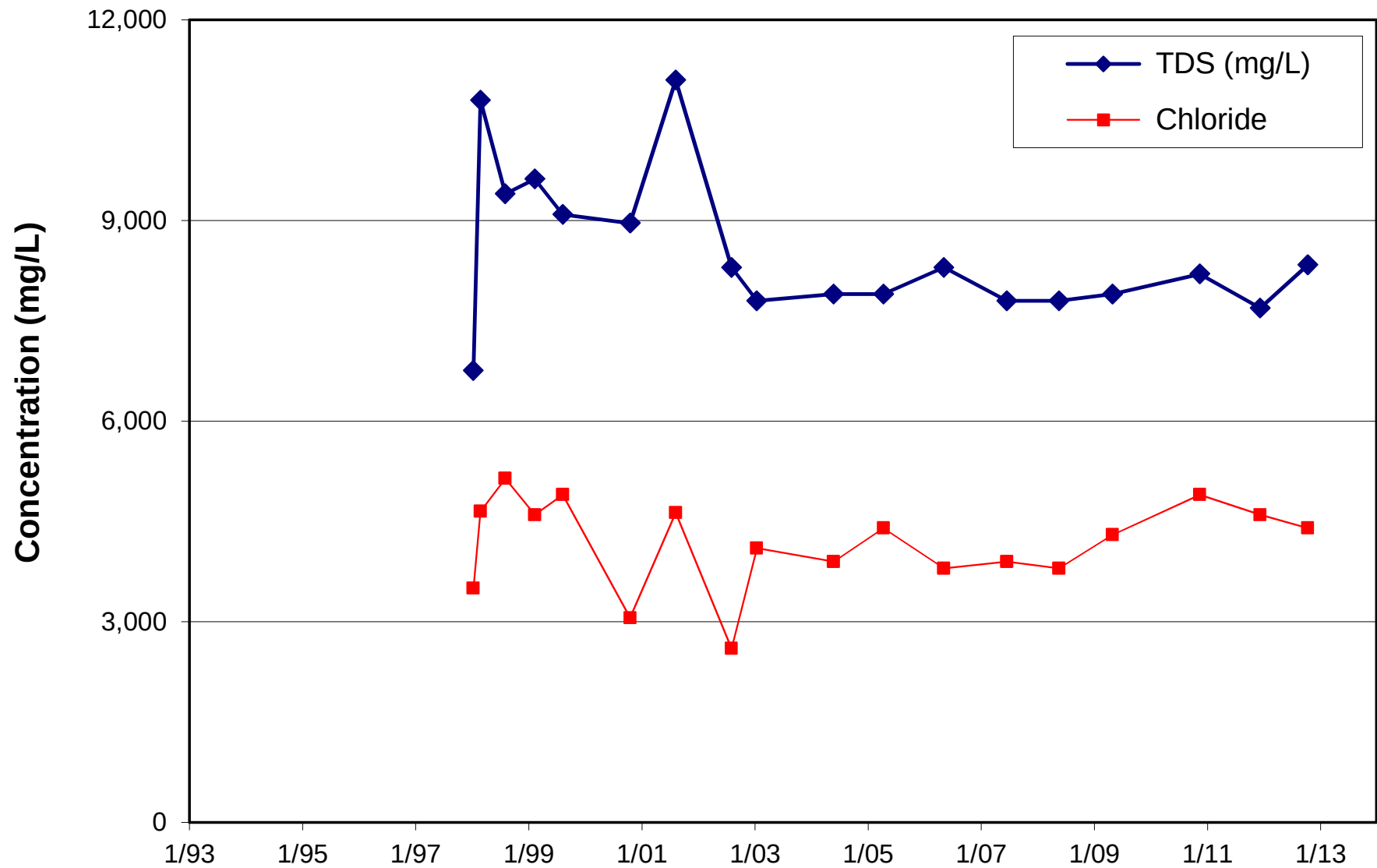
Bell Lake Remediation Site

Concentration History at Well MW-10



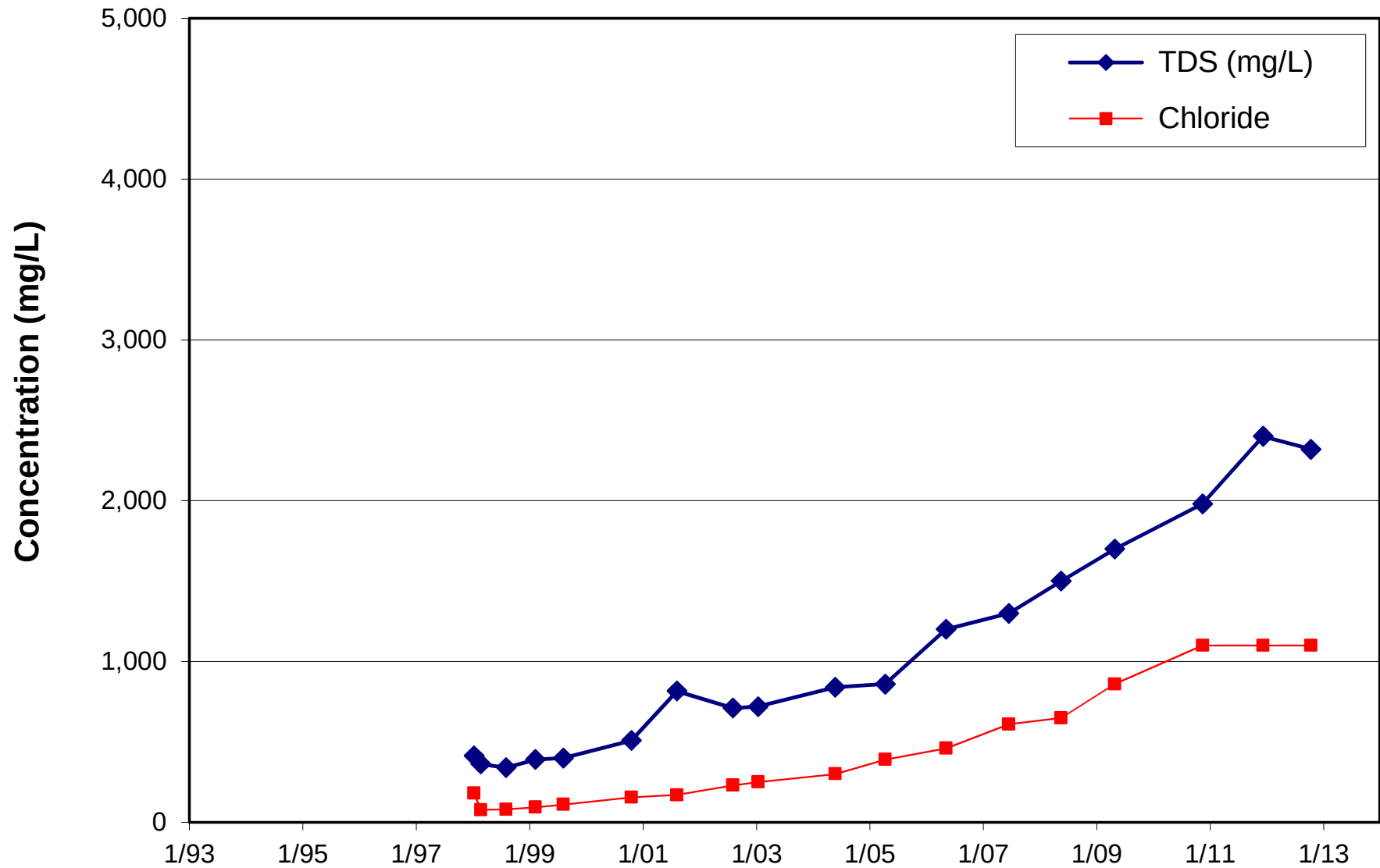
Bell Lake Remediation Site

Concentration History at Well MW-11



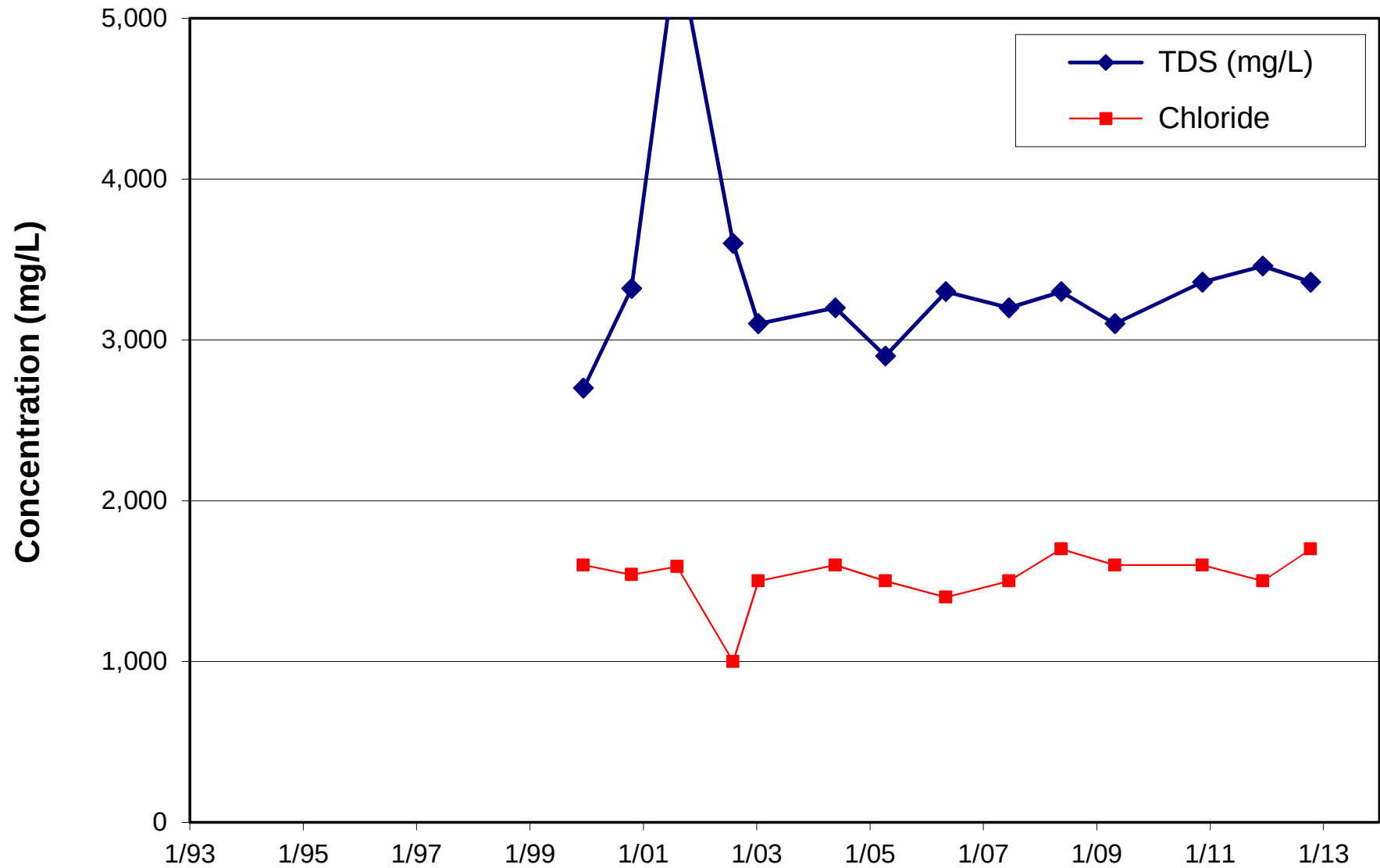
Bell Lake Remediation Site

Concentration History at Well MW-12



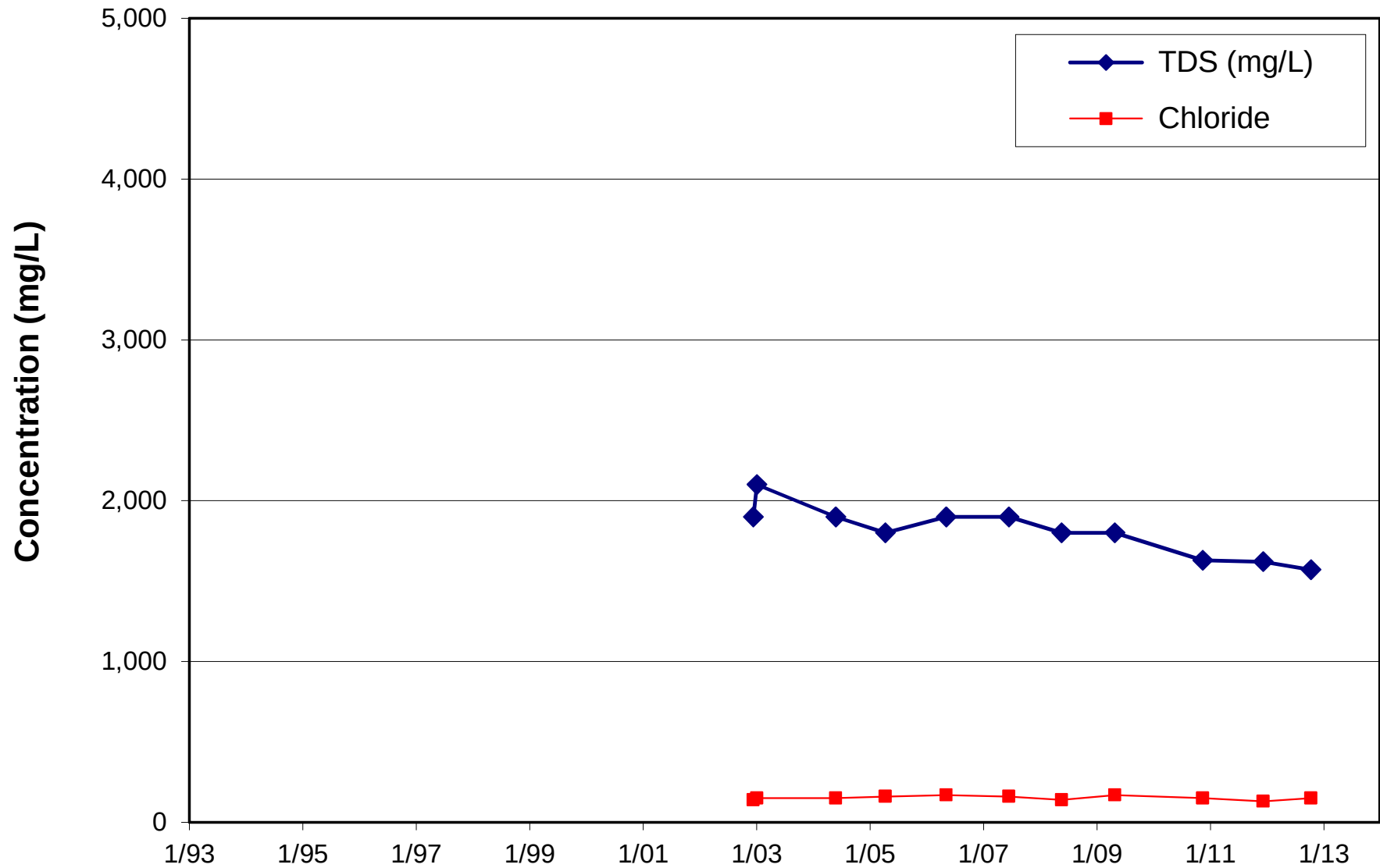
Bell Lake Remediation Site

Concentration History at Well MW-13



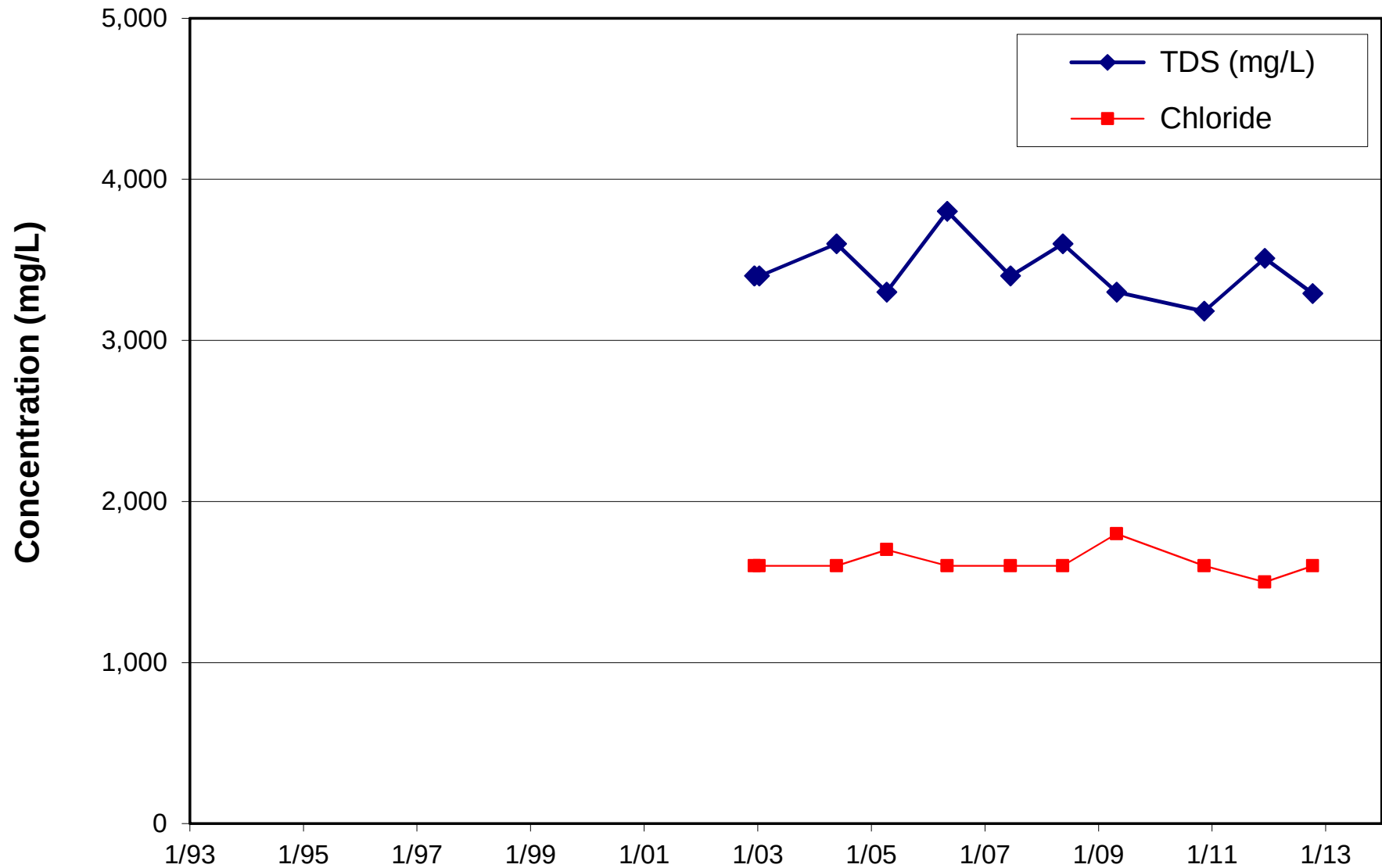
Bell Lake Remediation Site

Concentration History at Well MW-14



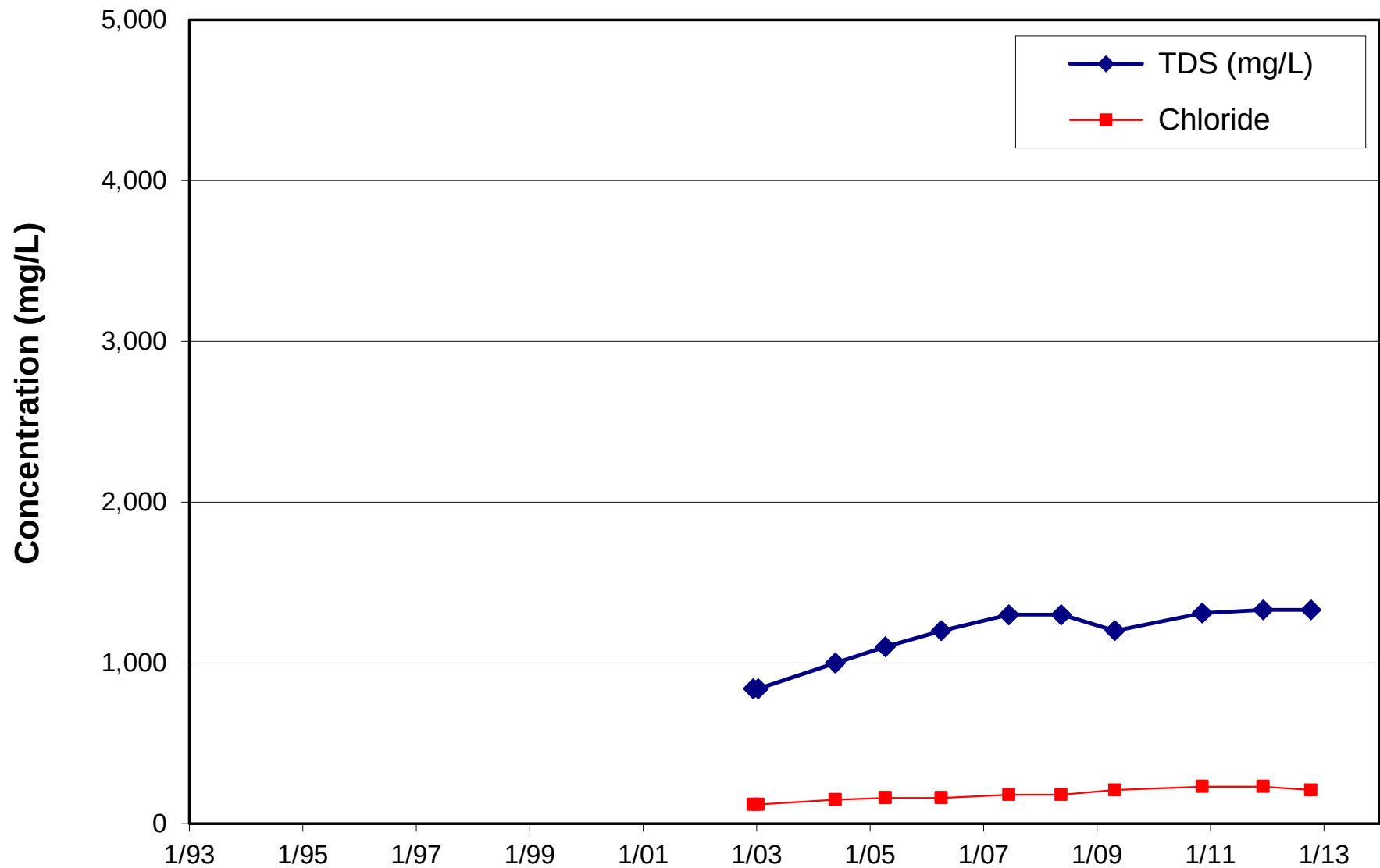
Bell Lake Remediation Site

Concentration History at Well MW-15



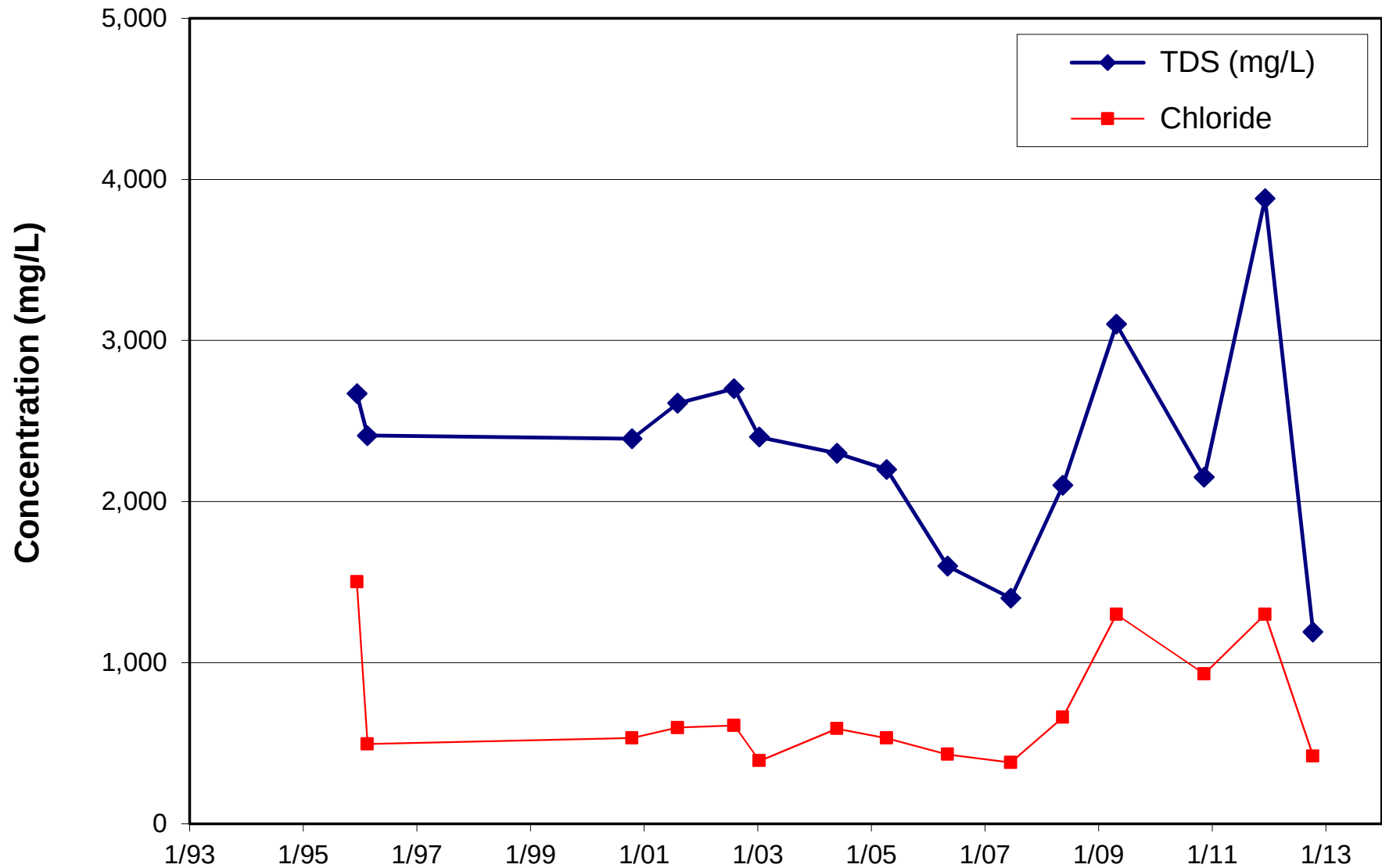
Bell Lake Remediation Site

Concentration History at Well MW-16



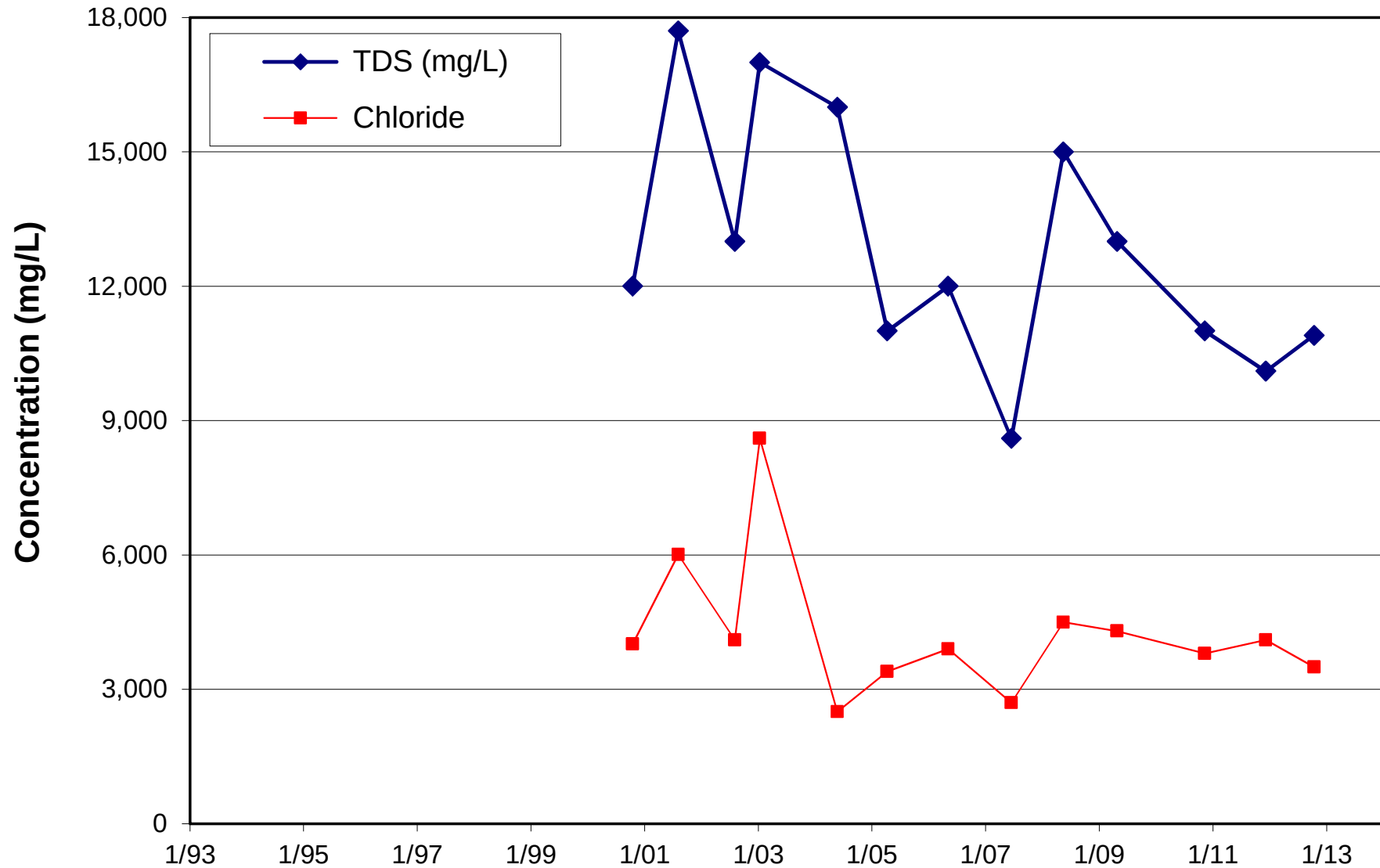
Bell Lake Remediation Site

Concentration History at Well SVE-2



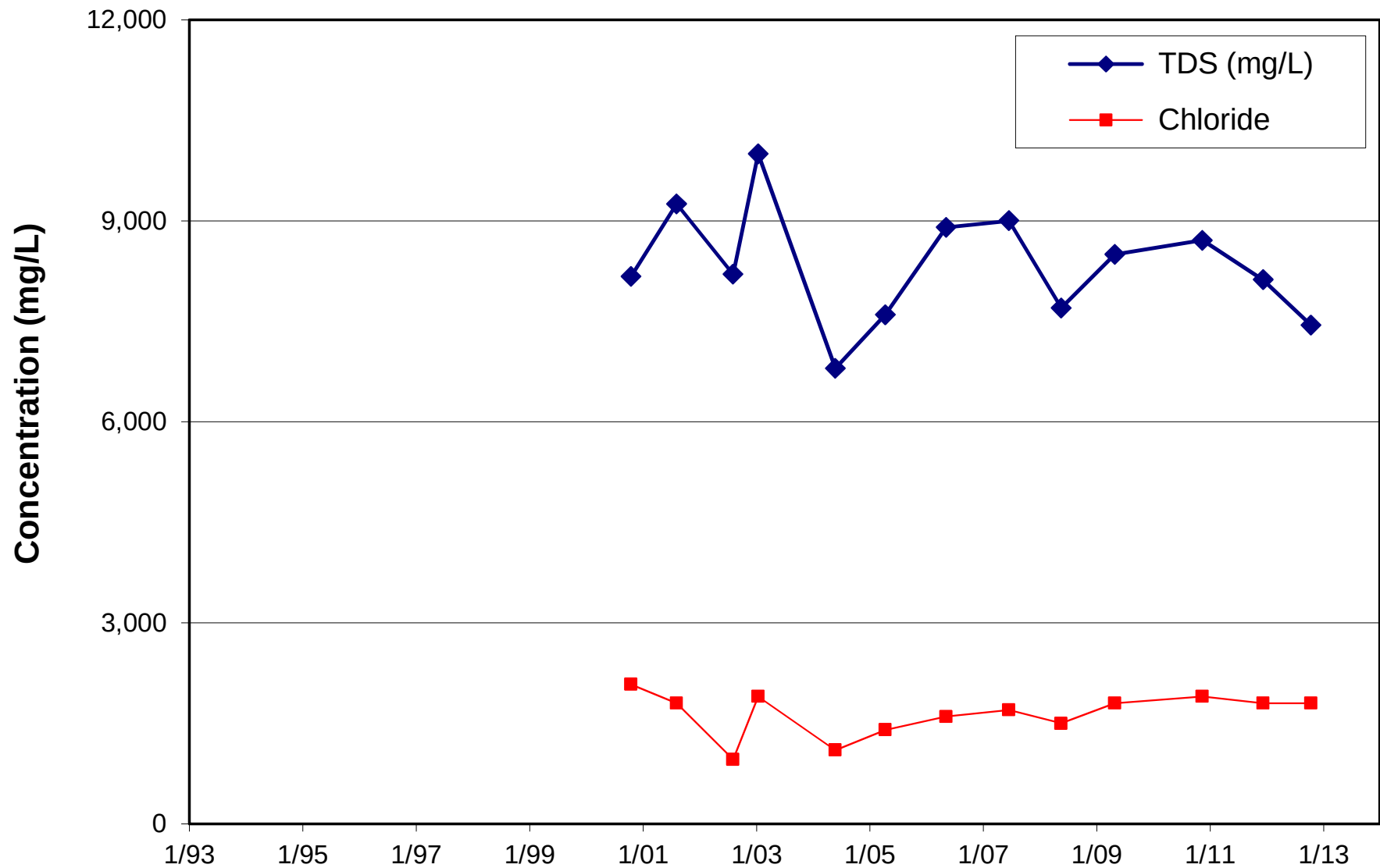
Bell Lake Remediation Site

Concentration History at Well SVE-5



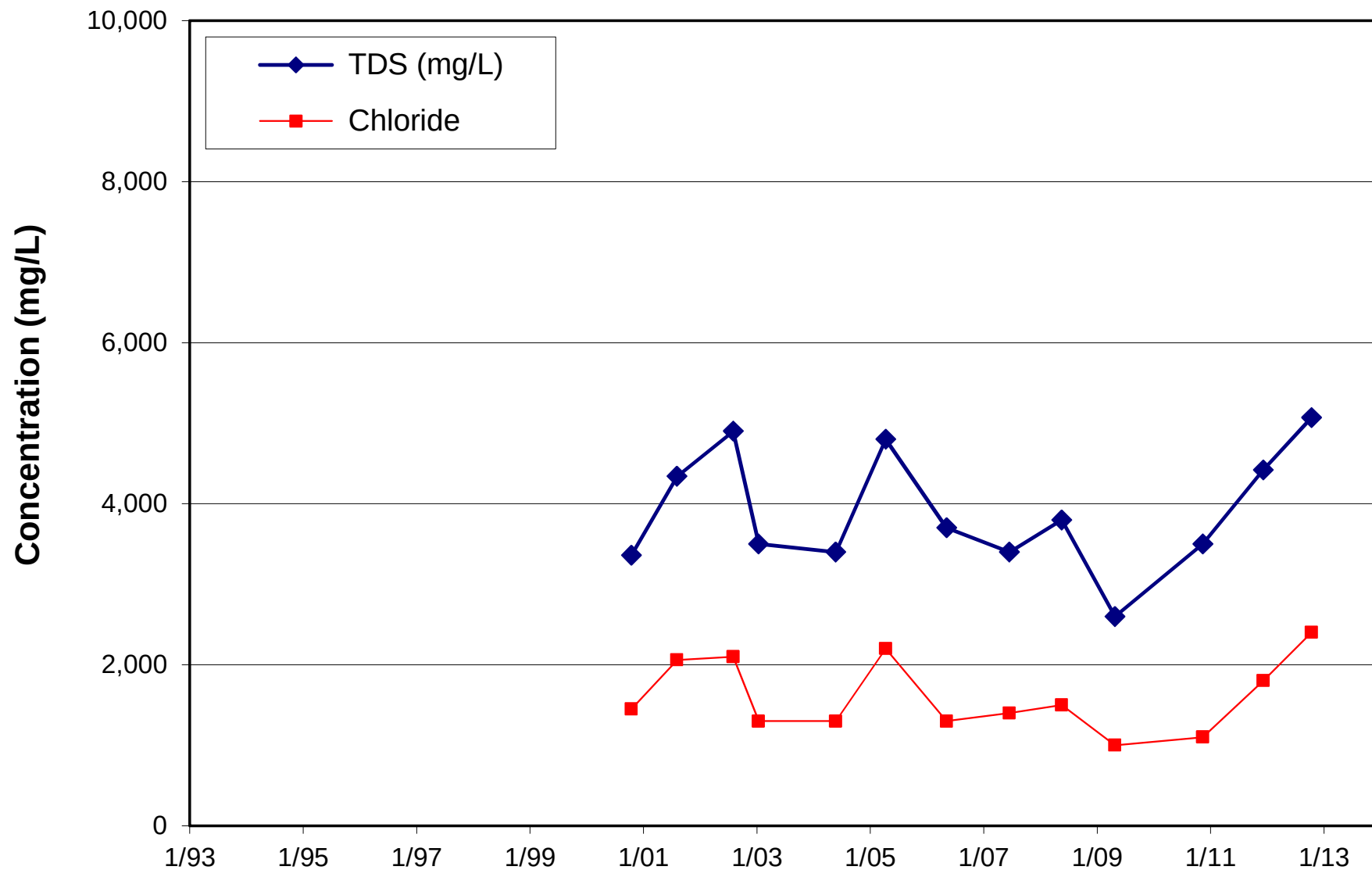
Bell Lake Remediation Site

Concentration History at Well SVE-6



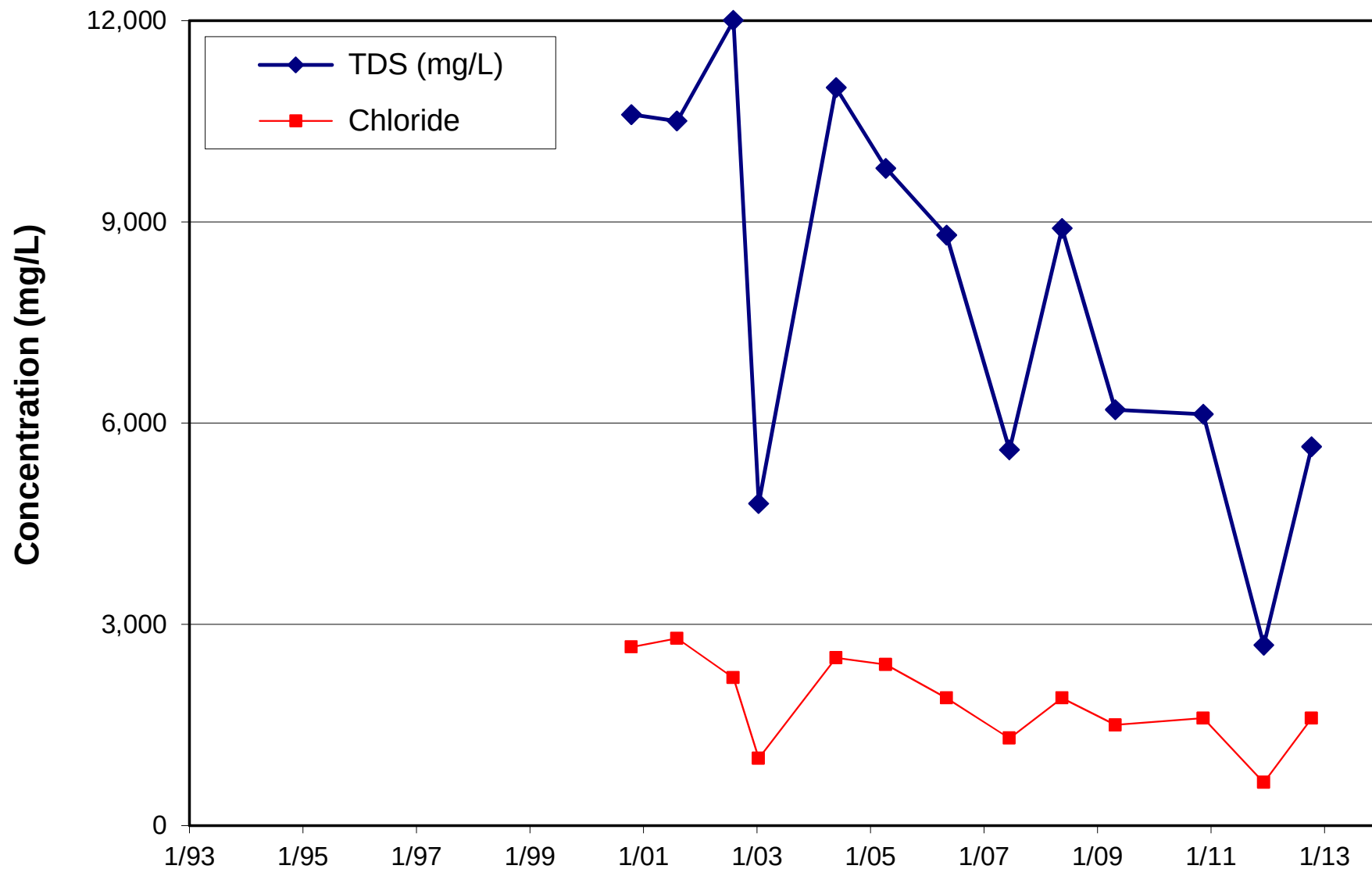
Bell Lake Remediation Site

Concentration History at Well SVE-7

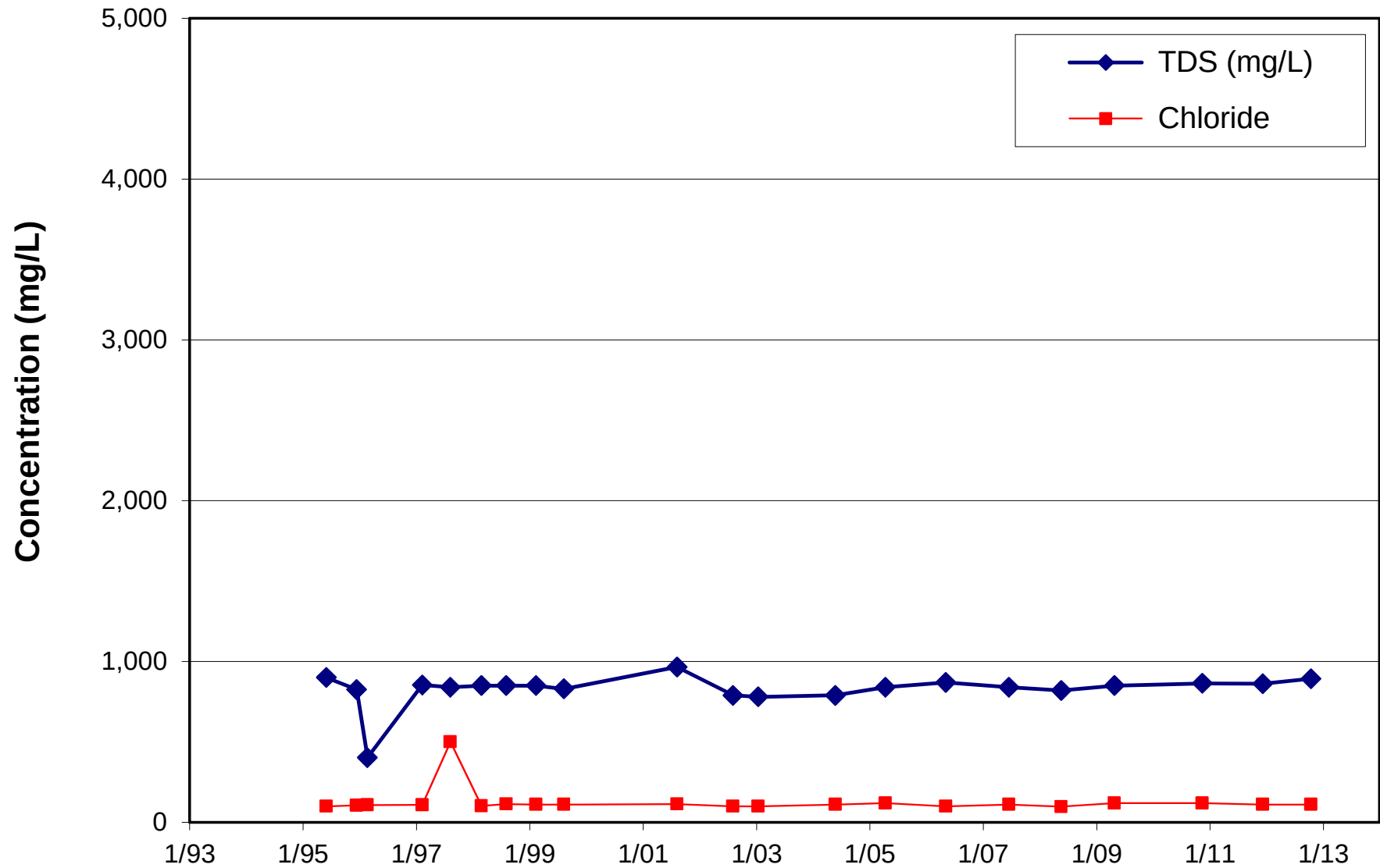


Bell Lake Remediation Site

Concentration History at Well SVE-11



Bell Lake Remediation Site Concentration History at Water Well

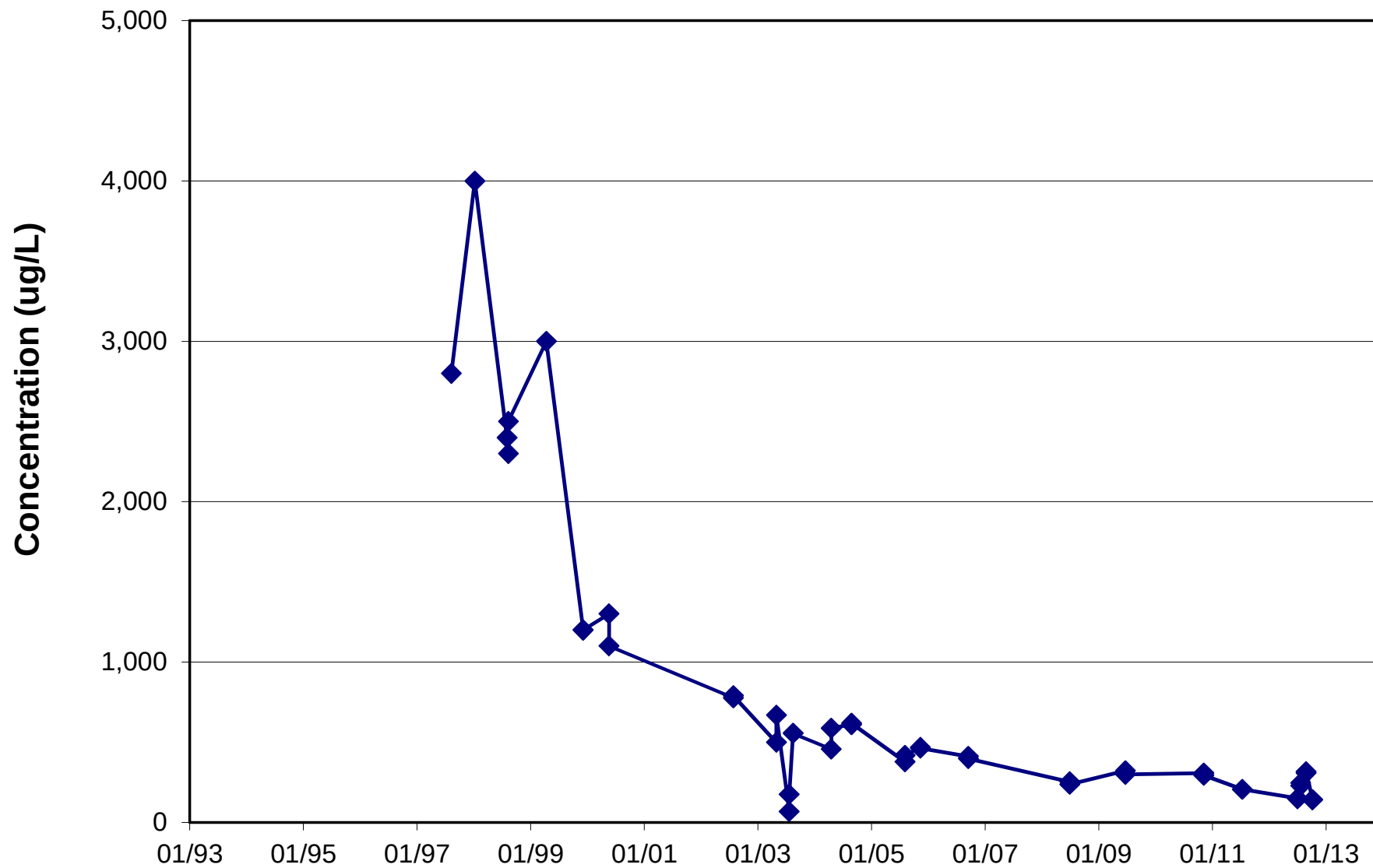


APPENDIX E

Concentration History Plot SVE System

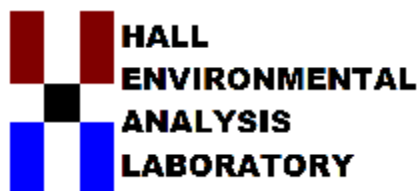
Bell Lake Remediation Site

Concentration History at SVE Exhaust



APPENDIX F

Laboratory Reports for Soil Vapor Samples



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 19, 2012

Sandra Sharp

Cypress Engineering

7171 Highway 6 North

Suite 102

Houston, TX 770952422

TEL: (281) 797-3421

FAX (281) 859-1881

RE: TWP Bell Lake Station

OrderNo.: 1207418

Dear Sandra Sharp:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/11/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", with a stylized flourish at the end.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1207418

Date Reported: 7/19/2012

CLIENT: Cypress Engineering

Client Sample ID: Bell Lake Plant SVE Effluent

Project: TWP Bell Lake Station

Collection Date: 7/6/2012 2:30:00 PM

Lab ID: 1207418-001

Matrix: AIR

Received Date: 7/11/2012 11:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	151	25.0		µg/L	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C05-C6	0.800	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C06-C7	5.30	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C07-C8	15.8	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C08-C9	27.1	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C09-C10	34.0	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C10-C11	9.40	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C11-C12	5.50	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C12-C14	1.90	0		%	5	7/17/2012 2:50:09 PM
% GRO Hydrocarbons: C14+	0.200	0		%	5	7/17/2012 2:50:09 PM
Surr: BFB	164	43.1-185		%REC	5	7/17/2012 2:50:09 PM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
- U Samples with CalcVal < MDL

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1207418

Date Reported: 7/19/2012

CLIENT: Cypress Engineering

Client Sample ID: Bell Lake Plant SVE Effluent Du

Project: TWP Bell Lake Station

Collection Date: 7/6/2012 2:30:00 PM

Lab ID: 1207418-002

Matrix: AIR

Received Date: 7/11/2012 11:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	147	25.0		µg/L	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C05-C6	0.800	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C06-C7	5.50	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C07-C8	17.3	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C08-C9	27.3	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C09-C10	33.7	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C10-C11	8.70	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C11-C12	4.90	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C12-C14	1.60	0		%	5	7/17/2012 3:17:31 PM
% GRO Hydrocarbons: C14+	0.200	0		%	5	7/17/2012 3:17:31 PM
Surr: BFB	174	43.1-185		%REC	5	7/17/2012 3:17:31 PM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit
- U Samples with CalcVal < MDL

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1207418

19-Jul-12

Client: Cypress Engineering
Project: TWP Bell Lake Station

Sample ID	1207419-001ADUP	SampType:	DUP	TestCode:	EPA Method 8015B: Gasoline Range					
Client ID:	BatchQC	Batch ID:	R4077	RunNo:	4077					
Prep Date:		Analysis Date:	7/16/2012	SeqNo:	116768	Units:	%REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1900		2000		93.3	43.1	185	0	0	

Sample ID	1207417-002ADUP	SampType:	DUP	TestCode:	EPA Method 8015B: Gasoline Range					
Client ID:	BatchQC	Batch ID:	R4106	RunNo:	4106					
Prep Date:		Analysis Date:	7/17/2012	SeqNo:	117684	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	62	25						5.61	24.2	
Surr: BFB	8300		10000		83.0	43.1	185	0	0	

Qualifiers:

*/X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

Sample Log-In Check List

Client Name: CYP

Work Order Number: 1207418

Received by/date:

Logged By: Ashley Gallegos

07/11/12
7/11/2012 11:45:00 AM

Completed By: Ashley Gallegos

7/11/2012 3:10:57 PM

Reviewed By:

07/11/12

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No ☐ NA
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA
11. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐ # of preserved bottles checked for pH:
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ (<2 or >12 unless noted)
15. Is it clear what analyses were requested? Yes ☒ No ☐ Adjusted?
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐ Checked by:

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date:

By Whom:

Via:

eMail

Phone

Fax

In Person

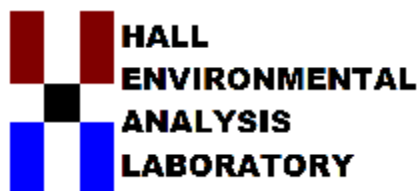
Regarding:

Client Instructions:

18. Additional remarks:

19. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1		Good	Yes			



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

August 06, 2012

Sandra Sharp
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422
TEL: (281) 797-3421
FAX (281) 859-1881

RE: TWP Bell Lake Plant

OrderNo.: 1207D33

Dear Sandra Sharp:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/31/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1207D33

Date Reported: 8/6/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE Exhaust

Project: TWP Bell Lake Plant

Collection Date: 7/28/2012 12:45:00 PM

Lab ID: 1207D33-001

Matrix: AIR

Received Date: 7/31/2012 12:58:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	230	5.00		µg/L	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C05-C6	0.100	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C06-C7	0.700	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C07-C8	4.70	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C08-C9	21.2	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C09-C10	38.6	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C10-C11	18.8	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C11-C12	11.1	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C12-C14	3.70	0		%	1	8/1/2012 2:31:44 PM
% GRO Hydrocarbons: C14+	1.10	0		%	1	8/1/2012 2:31:44 PM
Surr: BFB	1150	43.1-185	S	%REC	1	8/1/2012 2:31:44 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
U Samples with CalcVal < MDL

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1207D33

Date Reported: 8/6/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE Exhaust Duplicate

Project: TWP Bell Lake Plant

Collection Date: 7/28/2012 12:45:00 PM

Lab ID: 1207D33-002

Matrix: AIR

Received Date: 7/31/2012 12:58:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	245	5.00		µg/L	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C05-C6	0.100	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C06-C7	0.600	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C07-C8	4.30	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C08-C9	20.1	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C09-C10	38.9	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C10-C11	19.6	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C11-C12	11.7	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C12-C14	4.70	0		%	1	8/1/2012 2:59:24 PM
% GRO Hydrocarbons: C14+	ND	0		%	1	8/1/2012 2:59:24 PM
Surr: BFB	1190	43.1-185	S	%REC	1	8/1/2012 2:59:24 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit
U Samples with CalcVal < MDL

Sample Log-In Check List

Client Name: CYP Work Order Number: 1207D33

Received by/date: AG 07/31/12

Logged By: Anne Thorne 7/31/2012 12:58:00 PM *Ann Thorne*

Completed By: Anne Thorne 7/31/2012 *Ann Thorne*

Reviewed By: *[Signature]* 07/31/12

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☐ No ☐ NA ☒
5. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☐ NA ☒
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:	_____	Date	_____
By Whom:	_____	Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	_____		
Client Instructions:	_____		

18. Additional remarks:

19. Cooler Information

www.hallenvironmental.com

Tel. 505-345-3975 Fax 505-345-4107

BTEX + MTBE + TMB's (8021)
BTEX + MTBE + TPH (Gas only)
TPH (Method 418.1)
EDB (Method 504.1)
PAH's (8310 or 8270 SIMS)
RCRA 8 Metals
Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)
8081 Pesticides / 8082 PCB's
8260B (VOA)
8270 (Semi-VOA)
Air Bubbles (Y or N)

☐ Rush

Twp Bell Lake Pl

Project Manager:

Sandy Sharp

On Ice: ☐ Yes ☒ No

Container Type and #	Preservative Type
-------------------------	----------------------

1207033

8

2002

Date _____ Time _____

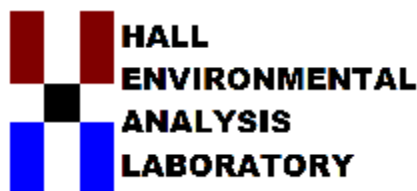
7/13/12	0930	(Signature)
---------	------	-------------

Date: _____ Time: _____ Relinquished by: _____

arks: Any Questions Please Call
Sandy Sharp @ 281. 797. 3421

281. 797, 342

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

September 10, 2012

Sandra Sharp

Cypress Engineering
7171 Highway 6 North
Suite 102

Houston, TX 770952422

TEL: (281) 797-3421

FAX (281) 859-1881

RE: TWP Bell Lake Plant

OrderNo.: 1209091

Dear Sandra Sharp:

Hall Environmental Analysis Laboratory received 2 sample(s) on 9/5/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1209091

Date Reported: 9/10/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE Exhaust Effluent

Project: TWP Bell Lake Plant

Collection Date: 8/31/2012 11:55:00 AM

Lab ID: 1209091-001

Matrix: AIR

Received Date: 9/5/2012 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	309	10.0		µg/L	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C05-C6	0.100	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C06-C7	0.600	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C07-C8	3.10	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C08-C9	14.8	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C09-C10	33.7	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C10-C11	26.8	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C11-C12	12.8	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C12-C14	8.10	0		%	2	9/6/2012 1:53:19 PM
% GRO Hydrocarbons: C14+	ND	0		%	2	9/6/2012 1:53:19 PM
Surr: BFB	606	43.1-185	S	%REC	2	9/6/2012 1:53:19 PM

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1209091

Date Reported: 9/10/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE Exhaust Effluent Duplicate

Project: TWP Bell Lake Plant

Collection Date: 8/31/2012 11:55:00 AM

Lab ID: 1209091-002

Matrix: AIR

Received Date: 9/5/2012 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	316	10.0		µg/L	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C05-C6	0.200	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C06-C7	1.30	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C07-C8	4.40	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C08-C9	15.5	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C09-C10	32.9	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C10-C11	25.9	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C11-C12	12.2	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C12-C14	7.60	0		%	2	9/6/2012 2:20:46 PM
% GRO Hydrocarbons: C14+	ND	0		%	2	9/6/2012 2:20:46 PM
Surr: BFB	583	43.1-185	S	%REC	2	9/6/2012 2:20:46 PM

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1209091

10-Sep-12

Client: Cypress Engineering

Project: TWP Bell Lake Plant

Sample ID	5ML RB		SampType: MBLK		TestCode: EPA Method 8015B: Gasoline Range					
Client ID:	PBW		Batch ID: R5368		RunNo: 5368					
Prep Date:			Analysis Date: 9/6/2012		SeqNo: 152916		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	0.050								
Surr: BFB	19		20.00		92.9	69.8	119			

Sample ID	2.5UG GRO LCS		SampType: LCS		TestCode: EPA Method 8015B: Gasoline Range					
Client ID:	LCSW		Batch ID: R5368		RunNo: 5368					
Prep Date:			Analysis Date: 9/6/2012		SeqNo: 152917		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	0.46	0.050	0.5000	0	91.6	75.9	119			
Surr: BFB	18		20.00		88.4	69.8	119			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1209091

10-Sep-12

Client: Cypress Engineering

Project: TWP Bell Lake Plant

Sample ID	5ML RB		SampType: MBLK		TestCode: EPA Method 8021B: Volatiles					
Client ID:	PBW		Batch ID: R5368		RunNo: 5368					
Prep Date:			Analysis Date: 9/6/2012		SeqNo: 152925		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	21		20.00		105	55	140			

Sample ID	100NG BTEX LCS		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSW		Batch ID: R5368		RunNo: 5368					
Prep Date:			Analysis Date: 9/6/2012		SeqNo: 152926		Units: %REC			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	23		20.00		117	55	140			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

Sample Log-In Check List

Client Name: CYP Work Order Number: 1209091

Received by/date: _____

Logged By: Anne Thorne 9/5/2012 10:30:00 AM

Completed By: Anne Thorne 9/5/2012

Reviewed By: *[Signature]* 09/05/12

[Signature]

[Signature]

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☐ No ☐ NA ☒
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☐ NA ☒
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH: _____

(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

18. Additional remarks:

19. Cooler Information

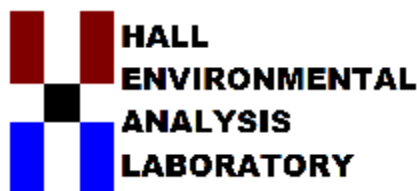
[illegible]

Turn-Around Time:		☒ Standard ☐ Rush	
Project Name:		TWP De/Lake Plant	
Project #:		SVE Effluent Sampling 2012	
Project Manager:		Sandy Sharp	
Sampler:		C. M. Barnhill, PE	
On Ice:		☒ Yes ☒ No	
Sample Temperature:			
Container Type and #	Preservative Type	HEAL No.	
12/1/12	Nine	128909	
12/1/12	Nine	-001	
12/1/12	Nine	-002	
Received by:		Date	Time
[Signature]		12/1/12	1030
Received by:		Date	Time

Analysis Request	
BTX + MTBE + TMB's (8021)	
BTX + MTBE + TPH (Gas only)	
TPH Method 8015B (Gas/Diesel)	X
TPH (Method 418.1)	
EDB (Method 504.1)	
8310 (PNA or PAH)	
RCRA 8 Metals	
Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	
8081 Pesticides / 8082 PCB's	
8260B (VOA)	
8270 (Semi-VOA)	
Air Bubbles (Y or N)	

Remarks: Analysis: TPH map 8015 B & C
Questions? Please Call
Sandy Sharnack 281.797.3421

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 02, 2012

Sandra Sharp

Cypress Engineering

7171 Highway 6 North

Suite 102

Houston, TX 770952422

TEL: (281) 797-3421

FAX: (281) 859-1881

RE: TWP Bell Lake

OrderNo.: 1210761

Dear Sandra Sharp:

Hall Environmental Analysis Laboratory received 2 sample(s) on 10/16/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

Analytical ReportLab Order: **1210761**Date Reported: **11/2/2012****Hall Environmental Analysis Laboratory, Inc.****CLIENT:** Cypress Engineering
Project: TWP Bell Lake**Lab Order:** 1210761**Lab ID:** 1210761-001**Collection Date:** 10/11/2012 4:30:00 PM**Client Sample ID:** SVE Exhaust Effluent**Matrix:** AIR

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MODIFIED EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	140	25		µg/L	5	10/22/2012 1:51:09 PM
Surr: BFB	101	70-130		%REC	5	10/22/2012 1:51:09 PM

Lab ID: 1210761-002**Collection Date:** 10/11/2012 4:30:00 PM**Client Sample ID:** SVE Exhaust Effluent Duplicate**Matrix:** AIR

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MODIFIED EPA METHOD 8015B: GASOLINE RANGE						Analyst: RAA
Gasoline Range Organics (GRO)	140	25		µg/L	5	10/22/2012 2:47:49 PM
Surr: BFB	97.0	70-130		%REC	5	10/22/2012 2:47:49 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1210761

02-Nov-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID: 1210761-001A DUP		SampType: DUP		TestCode: Modified EPA Method 8015B: Gasoline Range						
Client ID: SVE Exhaust Effluent		Batch ID: R6425		RunNo: 6425						
Prep Date:		Analysis Date: 10/22/2012		SeqNo: 184663		Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	130	25						5.87	20	
Surr: BFB	4800		5000		96.2	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH greater than 2

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

Sample Log-In Check List

Client Name: CYP Work Order Number: 1210761

Received by/date: *[Signature]* 10/16/12

Logged By: Ashley Gallegos 10/16/2012 10:00:00 AM *[Signature]*

Completed By: Ashley Gallegos 10/16/2012 11:02:29 AM *[Signature]*

Reviewed By: *[Signature]* 10/16/12

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐ # of preserved bottles checked for pH:
(<2 or >12 unless noted)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐ Adjusted?
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐ Checked by:

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

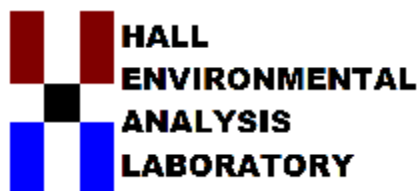
18. Additional remarks:

19. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1		Good	Yes			

APPENDIX G

Laboratory Reports for Groundwater Samples



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 04, 2012

George Robinson
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422
TEL: (281) 797-3420
FAX (281) 859-1881

RE: TWP Bell Lake

OrderNo.: 1204A29

Dear George Robinson:

Hall Environmental Analysis Laboratory received 23 sample(s) on 4/26/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-2

Project: TWP Bell Lake

Collection Date: 4/23/2012 3:55:00 PM

Lab ID: 1204A29-001

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	9.3	1.0		µg/L	1	4/30/2012 5:39:27 PM
Toluene	2.2	1.0		µg/L	1	4/30/2012 5:39:27 PM
Ethylbenzene	ND	1.0		µg/L	1	4/30/2012 5:39:27 PM
Xylenes, Total	2.7	2.0		µg/L	1	4/30/2012 5:39:27 PM
Surr: 4-Bromofluorobenzene	132	55-140		%REC	1	4/30/2012 5:39:27 PM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-7

Project: TWP Bell Lake

Collection Date: 4/23/2012 4:30:00 PM

Lab ID: 1204A29-002

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	4/30/2012 7:11:28 PM
Toluene	ND	1.0		µg/L	1	4/30/2012 7:11:28 PM
Ethylbenzene	ND	1.0		µg/L	1	4/30/2012 7:11:28 PM
Xylenes, Total	ND	2.0		µg/L	1	4/30/2012 7:11:28 PM
Surr: 4-Bromofluorobenzene	95.0	55-140		%REC	1	4/30/2012 7:11:28 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: Water Well

Project: TWP Bell Lake

Collection Date: 4/23/2012 4:45:00 PM

Lab ID: 1204A29-003

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	4/30/2012 7:42:15 PM
Toluene	ND	1.0		µg/L	1	4/30/2012 7:42:15 PM
Ethylbenzene	ND	1.0		µg/L	1	4/30/2012 7:42:15 PM
Xylenes, Total	ND	2.0		µg/L	1	4/30/2012 7:42:15 PM
Surr: 4-Bromofluorobenzene	106	55-140		%REC	1	4/30/2012 7:42:15 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-5

Project: TWP Bell Lake

Collection Date: 4/23/2012 5:10:00 PM

Lab ID: 1204A29-004

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	430	20		µg/L	20	4/30/2012 8:12:58 PM
Toluene	1,100	20		µg/L	20	4/30/2012 8:12:58 PM
Ethylbenzene	63	20		µg/L	20	4/30/2012 8:12:58 PM
Xylenes, Total	1,300	40		µg/L	20	4/30/2012 8:12:58 PM
Surr: 4-Bromofluorobenzene	107	55-140		%REC	20	4/30/2012 8:12:58 PM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-6

Project: TWP Bell Lake

Collection Date: 4/23/2012 5:25:00 PM

Lab ID: 1204A29-005

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	190	10		µg/L	10	5/1/2012 12:21:49 AM
Toluene	370	10		µg/L	10	5/1/2012 12:21:49 AM
Ethylbenzene	ND	10		µg/L	10	5/1/2012 12:21:49 AM
Xylenes, Total	180	20		µg/L	10	5/1/2012 12:21:49 AM
Surr: 4-Bromofluorobenzene	110	55-140		%REC	10	5/1/2012 12:21:49 AM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-7

Project: TWP Bell Lake

Collection Date: 4/23/2012 3:18:00 PM

Lab ID: 1204A29-006

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	16	1.0		µg/L	1	5/1/2012 12:52:30 AM
Toluene	1.8	1.0		µg/L	1	5/1/2012 12:52:30 AM
Ethylbenzene	ND	1.0		µg/L	1	5/1/2012 12:52:30 AM
Xylenes, Total	3.9	2.0		µg/L	1	5/1/2012 12:52:30 AM
Surr: 4-Bromofluorobenzene	122	55-140		%REC	1	5/1/2012 12:52:30 AM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-2

Project: TWP Bell Lake

Collection Date: 4/23/2012 4:11:00 PM

Lab ID: 1204A29-007

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	14	1.0		µg/L	1	5/1/2012 7:41:23 PM
Toluene	9.1	1.0		µg/L	1	5/1/2012 7:41:23 PM
Ethylbenzene	ND	1.0		µg/L	1	5/1/2012 7:41:23 PM
Xylenes, Total	5.5	2.0		µg/L	1	5/1/2012 7:41:23 PM
Surr: 4-Bromofluorobenzene	121	55-140		%REC	1	5/1/2012 7:41:23 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-1

Project: TWP Bell Lake

Collection Date: 4/23/2012 4:56:00 PM

Lab ID: 1204A29-008

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	5.0	1.0		µg/L	1	5/1/2012 11:16:23 PM
Toluene	2.8	1.0		µg/L	1	5/1/2012 11:16:23 PM
Ethylbenzene	2.0	1.0		µg/L	1	5/1/2012 11:16:23 PM
Xylenes, Total	3.0	2.0		µg/L	1	5/1/2012 11:16:23 PM
Surr: 4-Bromofluorobenzene	108	55-140		%REC	1	5/1/2012 11:16:23 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-22

Project: TWP Bell Lake

Collection Date: 4/23/2012 6:00:00 PM

Lab ID: 1204A29-009

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	330	10		µg/L	10	5/1/2012 11:47:12 PM
Toluene	880	10		µg/L	10	5/1/2012 11:47:12 PM
Ethylbenzene	42	10		µg/L	10	5/1/2012 11:47:12 PM
Xylenes, Total	840	20		µg/L	10	5/1/2012 11:47:12 PM
Surr: 4-Bromofluorobenzene	116	55-140		%REC	10	5/1/2012 11:47:12 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-11

Project: TWP Bell Lake

Collection Date: 4/24/2012 9:20:00 AM

Lab ID: 1204A29-010

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	340	10		µg/L	10	5/2/2012 12:17:52 AM
Toluene	900	10		µg/L	10	5/2/2012 12:17:52 AM
Ethylbenzene	43	10		µg/L	10	5/2/2012 12:17:52 AM
Xylenes, Total	890	20		µg/L	10	5/2/2012 12:17:52 AM
Surr: 4-Bromofluorobenzene	144	55-140	S	%REC	10	5/2/2012 12:17:52 AM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-6

Project: TWP Bell Lake

Collection Date: 4/24/2012 10:25:00 AM

Lab ID: 1204A29-011

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	26	1.0		µg/L	1	5/2/2012 12:48:36 AM
Toluene	43	1.0		µg/L	1	5/2/2012 12:48:36 AM
Ethylbenzene	8.7	1.0		µg/L	1	5/2/2012 12:48:36 AM
Xylenes, Total	29	2.0		µg/L	1	5/2/2012 12:48:36 AM
Surr: 4-Bromofluorobenzene	106	55-140		%REC	1	5/2/2012 12:48:36 AM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-5

Project: TWP Bell Lake

Collection Date: 4/24/2012 11:11:00 AM

Lab ID: 1204A29-012

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	14	1.0		µg/L	1	5/2/2012 1:19:27 AM
Toluene	21	1.0		µg/L	1	5/2/2012 1:19:27 AM
Ethylbenzene	1.8	1.0		µg/L	1	5/2/2012 1:19:27 AM
Xylenes, Total	22	2.0		µg/L	1	5/2/2012 1:19:27 AM
Surr: 4-Bromofluorobenzene	120	55-140		%REC	1	5/2/2012 1:19:27 AM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-8

Project: TWP Bell Lake

Collection Date: 4/24/2012 11:52:00 AM

Lab ID: 1204A29-013

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	150	5.0		µg/L	5	5/2/2012 1:50:06 AM
Toluene	190	5.0		µg/L	5	5/2/2012 1:50:06 AM
Ethylbenzene	16	5.0		µg/L	5	5/2/2012 1:50:06 AM
Xylenes, Total	280	10		µg/L	5	5/2/2012 1:50:06 AM
Surr: 4-Bromofluorobenzene	120	55-140		%REC	5	5/2/2012 1:50:06 AM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-9

Project: TWP Bell Lake

Collection Date: 4/24/2012 12:50:00 PM

Lab ID: 1204A29-014

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	230	5.0		µg/L	5	5/2/2012 2:20:57 AM
Toluene	39	5.0		µg/L	5	5/2/2012 2:20:57 AM
Ethylbenzene	26	5.0		µg/L	5	5/2/2012 2:20:57 AM
Xylenes, Total	690	10		µg/L	5	5/2/2012 2:20:57 AM
Surr: 4-Bromofluorobenzene	124	55-140		%REC	5	5/2/2012 2:20:57 AM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-10

Project: TWP Bell Lake

Collection Date: 4/24/2012 1:45:00 PM

Lab ID: 1204A29-015

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	43	5.0		µg/L	5	5/2/2012 2:51:40 AM
Toluene	ND	5.0		µg/L	5	5/2/2012 2:51:40 AM
Ethylbenzene	8.4	5.0		µg/L	5	5/2/2012 2:51:40 AM
Xylenes, Total	72	10		µg/L	5	5/2/2012 2:51:40 AM
Surr: 4-Bromofluorobenzene	111	55-140		%REC	5	5/2/2012 2:51:40 AM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order **1204A29**

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-14

Project: TWP Bell Lake

Collection Date: 4/24/2012 9:45:00 AM

Lab ID: 1204A29-016

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/2/2012 3:22:19 AM
Toluene	ND	1.0		µg/L	1	5/2/2012 3:22:19 AM
Ethylbenzene	ND	1.0		µg/L	1	5/2/2012 3:22:19 AM
Xylenes, Total	ND	2.0		µg/L	1	5/2/2012 3:22:19 AM
Surr: 4-Bromofluorobenzene	93.5	55-140		%REC	1	5/2/2012 3:22:19 AM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-11

Project: TWP Bell Lake

Collection Date: 4/24/2012 10:35:00 AM

Lab ID: 1204A29-017

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	440	10		µg/L	10	5/2/2012 3:53:02 AM
Toluene	29	10		µg/L	10	5/2/2012 3:53:02 AM
Ethylbenzene	37	10		µg/L	10	5/2/2012 3:53:02 AM
Xylenes, Total	820	20		µg/L	10	5/2/2012 3:53:02 AM
Surr: 4-Bromofluorobenzene	125	55-140		%REC	10	5/2/2012 3:53:02 AM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-22

Project: TWP Bell Lake

Collection Date: 4/24/2012 8:30:00 AM

Lab ID: 1204A29-018

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	470	10		µg/L	10	5/2/2012 12:28:45 PM
Toluene	29	10		µg/L	10	5/2/2012 12:28:45 PM
Ethylbenzene	41	10		µg/L	10	5/2/2012 12:28:45 PM
Xylenes, Total	890	20		µg/L	10	5/2/2012 12:28:45 PM
Surr: 4-Bromofluorobenzene	107	55-140		%REC	10	5/2/2012 12:28:45 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-12

Project: TWP Bell Lake

Collection Date: 4/24/2012 11:10:00 AM

Lab ID: 1204A29-019

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/2/2012 12:59:26 PM
Toluene	ND	1.0		µg/L	1	5/2/2012 12:59:26 PM
Ethylbenzene	ND	1.0		µg/L	1	5/2/2012 12:59:26 PM
Xylenes, Total	ND	2.0		µg/L	1	5/2/2012 12:59:26 PM
Surr: 4-Bromofluorobenzene	107	55-140		%REC	1	5/2/2012 12:59:26 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-15

Project: TWP Bell Lake

Collection Date: 4/24/2012 11:45:00 AM

Lab ID: 1204A29-020

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/2/2012 1:29:54 PM
Toluene	ND	1.0		µg/L	1	5/2/2012 1:29:54 PM
Ethylbenzene	ND	1.0		µg/L	1	5/2/2012 1:29:54 PM
Xylenes, Total	ND	2.0		µg/L	1	5/2/2012 1:29:54 PM
Surr: 4-Bromofluorobenzene	101	55-140		%REC	1	5/2/2012 1:29:54 PM

Qualifiers:

- * / X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-13

Project: TWP Bell Lake

Collection Date: 4/24/2012 12:15:00 PM

Lab ID: 1204A29-021

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/3/2012 3:49:04 AM
Toluene	ND	1.0		µg/L	1	5/3/2012 3:49:04 AM
Ethylbenzene	ND	1.0		µg/L	1	5/3/2012 3:49:04 AM
Xylenes, Total	ND	2.0		µg/L	1	5/3/2012 3:49:04 AM
Surr: 4-Bromofluorobenzene	116	55-140		%REC	1	5/3/2012 3:49:04 AM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-16

Project: TWP Bell Lake

Collection Date: 4/24/2012 12:50:00 PM

Lab ID: 1204A29-022

Matrix: AQUEOUS

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/2/2012 2:31:20 PM
Toluene	ND	1.0		µg/L	1	5/2/2012 2:31:20 PM
Ethylbenzene	ND	1.0		µg/L	1	5/2/2012 2:31:20 PM
Xylenes, Total	ND	2.0		µg/L	1	5/2/2012 2:31:20 PM
Surr: 4-Bromofluorobenzene	107	55-140		%REC	1	5/2/2012 2:31:20 PM

Qualifiers: */X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1204A29

Date Reported: 5/4/2012

CLIENT: Cypress Engineering

Client Sample ID: Trip Blank

Project: TWP Bell Lake

Collection Date:

Lab ID: 1204A29-023

Matrix: TRIP BLANK

Received Date: 4/26/2012 12:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	1.0		µg/L	1	5/2/2012 3:02:12 PM
Toluene	ND	1.0		µg/L	1	5/2/2012 3:02:12 PM
Ethylbenzene	ND	1.0		µg/L	1	5/2/2012 3:02:12 PM
Xylenes, Total	ND	2.0		µg/L	1	5/2/2012 3:02:12 PM
Surr: 4-Bromofluorobenzene	108	55-140		%REC	1	5/2/2012 3:02:12 PM

Qualifiers:

- * /X Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1204A29

04-May-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID	5ML RB		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBW		Batch ID:	R2484		RunNo:	2484			
Prep Date:			Analysis Date:	4/30/2012		SeqNo:	69128		Units: µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	23		20.00		116	55	140			

Sample ID	100NG BTEX LCS		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSW		Batch ID:	R2484		RunNo:	2484			
Prep Date:			Analysis Date:	4/30/2012		SeqNo:	69129		Units: µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	107	80	120			
Toluene	21	1.0	20.00	0	107	80	120			
Ethylbenzene	21	1.0	20.00	0	106	80	120			
Xylenes, Total	63	2.0	60.00	0	105	80	120			
Surr: 4-Bromofluorobenzene	20		20.00		101	55	140			

Sample ID	5ML RB		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBW		Batch ID:	R2523		RunNo:	2523			
Prep Date:			Analysis Date:	5/1/2012		SeqNo:	70010		Units: µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	19		20.00		94.2	55	140			

Sample ID	100NG BTEX LCS		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSW		Batch ID:	R2523		RunNo:	2523			
Prep Date:			Analysis Date:	5/1/2012		SeqNo:	70011		Units: µg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	110	80	120			
Toluene	22	1.0	20.00	0	112	80	120			
Ethylbenzene	22	1.0	20.00	0	110	80	120			
Xylenes, Total	66	2.0	60.00	0	110	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		106	55	140			

Qualifiers:

* / X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1204A29

04-May-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID	5ML RB	SampType: MBLK		TestCode: EPA Method 8021B: Volatiles						
Client ID:	PBW	Batch ID: R2545		RunNo: 2545						
Prep Date:	Analysis Date: 5/2/2012		SeqNo: 70901		Units: µg/L					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 4-Bromofluorobenzene	20		20.00		97.5	55	140			

Sample ID	100NG BTEX LCS		SampType: LCS		TestCode: EPA Method 8021B: Volatiles					
Client ID:	LCSW		Batch ID: R2545		RunNo: 2545					
Prep Date:			Analysis Date: 5/2/2012		SeqNo: 70902		Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	108	80	120			
Toluene	22	1.0	20.00	0	108	80	120			
Ethylbenzene	21	1.0	20.00	0	106	80	120			
Xylenes, Total	64	2.0	60.00	0	106	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		104	55	140			

Qualifiers:

* / X Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
RL Reporting Detection Limit

Sample Log-In Check List

Client Name: CYP		Work Order Number: 1204A29
Received by/date: <u>[Signature]</u> <u>04/26/12</u>		
Logged By: Lindsay Mangin	4/26/2012 12:00:00 PM	<u>[Signature]</u>
Completed By: Lindsay Mangin	4/26/2012 1:44:01 PM	<u>[Signature]</u>
Reviewed By: <u>[Signature]</u> <u>04/26/12</u>		

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
11. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____	Date: _____
By Whom: _____	Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____	
Client Instructions: _____	

18. Additional remarks:

19. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.5	Good	Yes			

Chain-of-Custody Record

Client: Cypress Environmental Services
7171 Huyle North St 102
Houston, TX 77025
 Mailing Address: Houston, TX 77025

Phone #: 281.797.3421
 email or Fax#:

QA/QC Package:
☒ Standard
☐ Level 4 (Full Validation)
 Accreditation
☐ NELAP
☐ Other
☐ EDD (Type)

Turn-Around Time:

Standard ☐ Rush ☐

Project Name:

TRANSWESTERN Pipeline Co
BELL LAKE

Project #:

TLW BELL LAKE

Project Manager:

George Robinson

Sampler: SMALL SAMPLER

On Ice ☐ Yes ☐ No

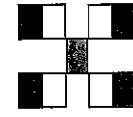
Sample Temperature: 15

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
4/20/12	1555	H2O	SVE-2	3/40ml HCL		-001
4/20/12	1630		MW-7			-002
4/20/12	1645		WATER MTL			-003
4/20/12	1710		SVE-5			-004
4/20/12	1725		SVE-6			-005
4/20/12	1518		SVE-7			-006
4/20/12	1611		MW-2			-007
4/20/12	1656		MW-1			-008
4/20/12	1800		SVE-22			-009
4/20/12	0920		SVE-11			-010
4/20/12	1025		MW-6			-011
4/20/12	1111		MW-5			-012
4/20/12	1345					
4/20/12	1345					

Remarks:

Received by: [Signature] Date: 4/20/12 Time: 1200

Received by: [Signature] Date: 4/20/12 Time: 1200



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMBs (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCBs	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
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Chain-of-Custody Record

Client: Cypress Engineering Services
7121 Huylo North, Ste 102
 Mailing Address: Houston TX 77095

Phone #: 281.727.3421
 email or Fax#:

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
 Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Date	Time	Matrix	Sample Request ID
4/24/11	1152	W-0	MW-8
	1250		MW-9
	1345		MW-10
	0945		MW-14
	1035		MW-11
	0830		MW-22
	1110		MW-12
	1145		MW-15
	1215		MW-13
	1250		MW-16
			TRIP BLANK

Date: 4/24/12 Time: 1345
 Relinquished by: [Signature]
 Date: 4/24/12 Time: 1345
 Relinquished by: [Signature]

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:
TRANSUBSERRAN Pipeline Company
BELL LAKE

Project #:
TWP BELL LAKE

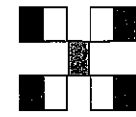
Project Manager:
GEORGE ROBINSON

Sampler: Stanley Sharp
 On Ice: ☒ Yes ☐ No

Sample Temperature: 17.5

Container Type and #	Preservative Type	HEAL No.
3/450ml	HQ	-013
		-014
		-015
		-016
		-017
		-018
		-019
		-020
		-021
		-022
		-023

Received by: [Signature] Date: 4/24/12 Time: 1200
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HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMBs (8021)	
BTEX + MTBE + TPH (Gas only)	
TPH Method 8015B (Gas/Diesel)	
TPH (Method 418.1)	
EDB (Method 504.1)	
8310 (PNA or PAH)	
RCRA 8 Metals	
Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	
8081 Pesticides / 8082 PCB's	
8260B (VOA)	
8270 (Semi-VOA)	
Air Bubbles (V or N)	

Remarks:



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 05, 2012

George Robinson
Cypress Engineering
7171 Highway 6 North
Suite 102
Houston, TX 770952422
TEL: (281) 797-3420
FAX (281) 859-1881

RE: TWP Bell Lake

Order No.: 1210943

Dear George Robinson:

Hall Environmental Analysis Laboratory received 23 sample(s) on 10/19/2012 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", with a stylized flourish at the end.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-16

Project: TWP Bell Lake

Collection Date: 10/16/2012 2:35:00 PM

Lab ID: 1210943-001

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	210	50		mg/L	100	10/19/2012 8:22:10 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	ND	0.020		mg/L	1	10/24/2012 2:18:32 PM
Barium	0.068	0.020		mg/L	1	10/24/2012 2:18:32 PM
Manganese	0.0023	0.0020		mg/L	1	10/24/2012 2:18:32 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/26/2012 3:21:38 AM
Toluene	ND	1.0		µg/L	1	10/26/2012 3:21:38 AM
Ethylbenzene	ND	1.0		µg/L	1	10/26/2012 3:21:38 AM
Xylenes, Total	ND	2.0		µg/L	1	10/26/2012 3:21:38 AM
Surr: 1,2-Dichloroethane-d4	103	70-130		%REC	1	10/26/2012 3:21:38 AM
Surr: 4-Bromofluorobenzene	96.4	70-130		%REC	1	10/26/2012 3:21:38 AM
Surr: Dibromofluoromethane	92.1	70-130		%REC	1	10/26/2012 3:21:38 AM
Surr: Toluene-d8	97.6	70-130		%REC	1	10/26/2012 3:21:38 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	1330	100		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-13

Project: TWP Bell Lake

Collection Date: 10/16/2012 3:35:00 PM

Lab ID: 1210943-002

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1700	50		mg/L	100	10/20/2012 3:36:37 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	ND	0.10		mg/L	5	10/24/2012 2:49:21 PM
Barium	0.57	0.020		mg/L	1	10/24/2012 2:47:02 PM
Manganese	5.9	0.020		mg/L	10	10/24/2012 4:31:36 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/26/2012 3:52:17 AM
Toluene	ND	1.0		µg/L	1	10/26/2012 3:52:17 AM
Ethylbenzene	ND	1.0		µg/L	1	10/26/2012 3:52:17 AM
Xylenes, Total	ND	2.0		µg/L	1	10/26/2012 3:52:17 AM
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	1	10/26/2012 3:52:17 AM
Surr: 4-Bromofluorobenzene	99.2	70-130		%REC	1	10/26/2012 3:52:17 AM
Surr: Dibromofluoromethane	94.2	70-130		%REC	1	10/26/2012 3:52:17 AM
Surr: Toluene-d8	86.1	70-130		%REC	1	10/26/2012 3:52:17 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	3360	100		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-15

Project: TWP Bell Lake

Collection Date: 10/16/2012 4:29:00 PM

Lab ID: 1210943-003

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1600	50		mg/L	100	10/20/2012 4:26:15 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.029	0.020		mg/L	1	10/24/2012 2:51:46 PM
Barium	0.52	0.020		mg/L	1	10/24/2012 2:51:46 PM
Manganese	6.0	0.020		mg/L	10	10/24/2012 4:33:53 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/26/2012 4:22:55 AM
Toluene	ND	1.0		µg/L	1	10/26/2012 4:22:55 AM
Ethylbenzene	ND	1.0		µg/L	1	10/26/2012 4:22:55 AM
Xylenes, Total	ND	2.0		µg/L	1	10/26/2012 4:22:55 AM
Surr: 1,2-Dichloroethane-d4	119	70-130		%REC	1	10/26/2012 4:22:55 AM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	1	10/26/2012 4:22:55 AM
Surr: Dibromofluoromethane	103	70-130		%REC	1	10/26/2012 4:22:55 AM
Surr: Toluene-d8	90.0	70-130		%REC	1	10/26/2012 4:22:55 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	3290	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-12

Project: TWP Bell Lake

Collection Date: 10/16/2012 5:25:00 PM

Lab ID: 1210943-004

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1100	50		mg/L	100	10/20/2012 2:22:09 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	ND	0.020		mg/L	1	10/24/2012 2:56:21 PM
Barium	0.70	0.020		mg/L	1	10/24/2012 2:56:21 PM
Manganese	0.040	0.0020		mg/L	1	10/24/2012 2:56:21 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/26/2012 4:53:32 AM
Toluene	ND	1.0		µg/L	1	10/26/2012 4:53:32 AM
Ethylbenzene	ND	1.0		µg/L	1	10/26/2012 4:53:32 AM
Xylenes, Total	ND	2.0		µg/L	1	10/26/2012 4:53:32 AM
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	1	10/26/2012 4:53:32 AM
Surr: 4-Bromofluorobenzene	96.8	70-130		%REC	1	10/26/2012 4:53:32 AM
Surr: Dibromofluoromethane	101	70-130		%REC	1	10/26/2012 4:53:32 AM
Surr: Toluene-d8	88.5	70-130		%REC	1	10/26/2012 4:53:32 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	2320	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-11

Project: TWP Bell Lake

Collection Date: 10/16/2012 6:10:00 PM

Lab ID: 1210943-005

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: JRR
Chloride	4400	250		mg/L	500	10/23/2012 6:21:22 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.82	0.020		mg/L	1	10/24/2012 3:00:54 PM
Barium	5.3	0.20		mg/L	10	10/24/2012 4:43:04 PM
Manganese	0.99	0.0020		mg/L	1	10/24/2012 3:00:54 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	460	10		µg/L	10	10/26/2012 5:24:13 AM
Toluene	ND	10		µg/L	10	10/26/2012 5:24:13 AM
Ethylbenzene	34	10		µg/L	10	10/26/2012 5:24:13 AM
Xylenes, Total	770	20		µg/L	10	10/26/2012 5:24:13 AM
Surr: 1,2-Dichloroethane-d4	118	70-130		%REC	10	10/26/2012 5:24:13 AM
Surr: 4-Bromofluorobenzene	103	70-130		%REC	10	10/26/2012 5:24:13 AM
Surr: Dibromofluoromethane	111	70-130		%REC	10	10/26/2012 5:24:13 AM
Surr: Toluene-d8	86.0	70-130		%REC	10	10/26/2012 5:24:13 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	8340	200		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-11 Dup

Project: TWP Bell Lake

Collection Date: 10/16/2012 6:10:00 PM

Lab ID: 1210943-006

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: JRR
Chloride	4400	250		mg/L	500	10/23/2012 6:33:47 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.83	0.020		mg/L	1	10/24/2012 3:07:09 PM
Barium	5.3	0.20		mg/L	10	10/24/2012 4:45:20 PM
Manganese	0.94	0.0020		mg/L	1	10/24/2012 3:07:09 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	430	10		µg/L	10	10/26/2012 6:25:37 AM
Toluene	ND	10		µg/L	10	10/26/2012 6:25:37 AM
Ethylbenzene	32	10		µg/L	10	10/26/2012 6:25:37 AM
Xylenes, Total	760	20		µg/L	10	10/26/2012 6:25:37 AM
Surr: 1,2-Dichloroethane-d4	110	70-130		%REC	10	10/26/2012 6:25:37 AM
Surr: 4-Bromofluorobenzene	112	70-130		%REC	10	10/26/2012 6:25:37 AM
Surr: Dibromofluoromethane	106	70-130		%REC	10	10/26/2012 6:25:37 AM
Surr: Toluene-d8	89.4	70-130		%REC	10	10/26/2012 6:25:37 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	7860	200		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-5

Project: TWP Bell Lake

Collection Date: 10/17/2012 5:00:00 PM

Lab ID: 1210943-007

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: JRR
Chloride	3500	250		mg/L	500	10/23/2012 6:46:12 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.26	0.020		mg/L	1	10/24/2012 3:18:33 PM
Barium	1.6	0.10		mg/L	5	10/24/2012 3:20:50 PM
Manganese	ND	0.0020		mg/L	1	10/24/2012 3:18:33 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	470	10	P	µg/L	10	10/29/2012 11:32:45 AM
Toluene	1700	100	P	µg/L	100	10/29/2012 12:34:15 PM
Ethylbenzene	73	10	P	µg/L	10	10/29/2012 11:32:45 AM
Xylenes, Total	1700	200	P	µg/L	100	10/29/2012 12:34:15 PM
Surr: 1,2-Dichloroethane-d4	97.3	70-130	P	%REC	10	10/29/2012 11:32:45 AM
Surr: 4-Bromofluorobenzene	98.2	70-130	P	%REC	10	10/29/2012 11:32:45 AM
Surr: Dibromofluoromethane	90.4	70-130	P	%REC	10	10/29/2012 11:32:45 AM
Surr: Toluene-d8	103	70-130	P	%REC	10	10/29/2012 11:32:45 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	10900	100		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-6

Project: TWP Bell Lake

Collection Date: 10/17/2012 4:40:00 PM

Lab ID: 1210943-008

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1800	50		mg/L	100	10/19/2012 9:26:41 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.26	0.020		mg/L	1	10/24/2012 3:23:06 PM
Barium	0.17	0.020		mg/L	1	10/24/2012 3:23:06 PM
Manganese	ND	0.0020		mg/L	1	10/24/2012 3:23:06 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	150	10	P	µg/L	10	10/26/2012 7:54:32 PM
Toluene	300	10	P	µg/L	10	10/26/2012 7:54:32 PM
Ethylbenzene	ND	10	P	µg/L	10	10/26/2012 7:54:32 PM
Xylenes, Total	130	20	P	µg/L	10	10/26/2012 7:54:32 PM
Surr: 1,2-Dichloroethane-d4	108	70-130	P	%REC	10	10/26/2012 7:54:32 PM
Surr: 4-Bromofluorobenzene	95.5	70-130	P	%REC	10	10/26/2012 7:54:32 PM
Surr: Dibromofluoromethane	105	70-130	P	%REC	10	10/26/2012 7:54:32 PM
Surr: Toluene-d8	89.8	70-130	P	%REC	10	10/26/2012 7:54:32 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	7440	100		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-7

Project: TWP Bell Lake

Collection Date: 10/17/2012 10:50:00 AM

Lab ID: 1210943-009

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	520	50		mg/L	100	10/19/2012 9:51:31 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	ND	0.10		mg/L	5	10/24/2012 3:29:52 PM
Barium	0.085	0.020		mg/L	1	10/24/2012 3:27:36 PM
Manganese	3.3	0.010		mg/L	5	10/24/2012 3:29:52 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/26/2012 8:56:06 PM
Toluene	ND	1.0		µg/L	1	10/26/2012 8:56:06 PM
Ethylbenzene	ND	1.0		µg/L	1	10/26/2012 8:56:06 PM
Xylenes, Total	ND	2.0		µg/L	1	10/26/2012 8:56:06 PM
Surr: 1,2-Dichloroethane-d4	112	70-130		%REC	1	10/26/2012 8:56:06 PM
Surr: 4-Bromofluorobenzene	97.8	70-130		%REC	1	10/26/2012 8:56:06 PM
Surr: Dibromofluoromethane	104	70-130		%REC	1	10/26/2012 8:56:06 PM
Surr: Toluene-d8	98.9	70-130		%REC	1	10/26/2012 8:56:06 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	5210	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-2

Project: TWP Bell Lake

Collection Date: 10/17/2012 11:30:00 AM

Lab ID: 1210943-010

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	420	50		mg/L	100	10/19/2012 10:16:21 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.10	0.020		mg/L	1	10/24/2012 3:32:09 PM
Barium	0.026	0.020		mg/L	1	10/24/2012 3:32:09 PM
Manganese	0.13	0.0020		mg/L	1	10/24/2012 3:32:09 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	6.9	1.0		µg/L	1	10/26/2012 9:26:48 PM
Toluene	2.3	1.0		µg/L	1	10/26/2012 9:26:48 PM
Ethylbenzene	ND	1.0		µg/L	1	10/26/2012 9:26:48 PM
Xylenes, Total	ND	2.0		µg/L	1	10/26/2012 9:26:48 PM
Surr: 1,2-Dichloroethane-d4	113	70-130		%REC	1	10/26/2012 9:26:48 PM
Surr: 4-Bromofluorobenzene	97.7	70-130		%REC	1	10/26/2012 9:26:48 PM
Surr: Dibromofluoromethane	107	70-130		%REC	1	10/26/2012 9:26:48 PM
Surr: Toluene-d8	108	70-130		%REC	1	10/26/2012 9:26:48 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	1190	20.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: Water "Well

Project: TWP Bell Lake

Collection Date: 10/17/2012 12:35:00 PM

Lab ID: 1210943-011

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	110	10		mg/L	20	10/20/2012 5:15:55 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	ND	0.020		mg/L	1	10/24/2012 3:36:42 PM
Barium	ND	0.020		mg/L	1	10/24/2012 3:36:42 PM
Manganese	0.017	0.0020		mg/L	1	10/24/2012 3:36:42 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/26/2012 9:57:30 PM
Toluene	ND	1.0		µg/L	1	10/26/2012 9:57:30 PM
Ethylbenzene	ND	1.0		µg/L	1	10/26/2012 9:57:30 PM
Xylenes, Total	ND	2.0		µg/L	1	10/26/2012 9:57:30 PM
Surr: 1,2-Dichloroethane-d4	106	70-130		%REC	1	10/26/2012 9:57:30 PM
Surr: 4-Bromofluorobenzene	102	70-130		%REC	1	10/26/2012 9:57:30 PM
Surr: Dibromofluoromethane	96.2	70-130		%REC	1	10/26/2012 9:57:30 PM
Surr: Toluene-d8	103	70-130		%REC	1	10/26/2012 9:57:30 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	893	20.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-14

Project: TWP Bell Lake

Collection Date: 10/17/2012 2:25:00 PM

Lab ID: 1210943-012

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	150	5.0		mg/L	10	10/19/2012 10:28:46 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	ND	0.020		mg/L	1	10/24/2012 3:50:47 PM
Barium	0.079	0.020		mg/L	1	10/24/2012 3:50:47 PM
Manganese	0.079	0.0020		mg/L	1	10/24/2012 3:50:47 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/27/2012 12:30:55 AM
Toluene	ND	1.0		µg/L	1	10/27/2012 12:30:55 AM
Ethylbenzene	ND	1.0		µg/L	1	10/27/2012 12:30:55 AM
Xylenes, Total	ND	2.0		µg/L	1	10/27/2012 12:30:55 AM
Surr: 1,2-Dichloroethane-d4	108	70-130		%REC	1	10/27/2012 12:30:55 AM
Surr: 4-Bromofluorobenzene	95.4	70-130		%REC	1	10/27/2012 12:30:55 AM
Surr: Dibromofluoromethane	98.4	70-130		%REC	1	10/27/2012 12:30:55 AM
Surr: Toluene-d8	92.2	70-130		%REC	1	10/27/2012 12:30:55 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	1570	20.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-5

Project: TWP Bell Lake

Collection Date: 10/17/2012 3:15:00 PM

Lab ID: 1210943-013

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1200	50		mg/L	100	10/19/2012 11:05:59 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.088	0.020		mg/L	1	10/24/2012 3:55:20 PM
Barium	0.059	0.020		mg/L	1	10/24/2012 3:55:20 PM
Manganese	0.021	0.0020		mg/L	1	10/24/2012 3:55:20 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	13	1.0		µg/L	1	10/27/2012 1:01:38 AM
Toluene	20	1.0		µg/L	1	10/27/2012 1:01:38 AM
Ethylbenzene	1.5	1.0		µg/L	1	10/27/2012 1:01:38 AM
Xylenes, Total	19	2.0		µg/L	1	10/27/2012 1:01:38 AM
Surr: 1,2-Dichloroethane-d4	104	70-130		%REC	1	10/27/2012 1:01:38 AM
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	10/27/2012 1:01:38 AM
Surr: Dibromofluoromethane	101	70-130		%REC	1	10/27/2012 1:01:38 AM
Surr: Toluene-d8	108	70-130		%REC	1	10/27/2012 1:01:38 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	2930	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-6

Project: TWP Bell Lake

Collection Date: 10/17/2012 3:50:00 PM

Lab ID: 1210943-014

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1600	50		mg/L	100	10/20/2012 2:49:20 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.062	0.020		mg/L	1	10/24/2012 3:57:28 PM
Barium	0.17	0.020		mg/L	1	10/24/2012 3:57:28 PM
Manganese	0.0029	0.0020		mg/L	1	10/24/2012 3:57:28 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	19	1.0		µg/L	1	10/27/2012 1:32:22 AM
Toluene	24	1.0		µg/L	1	10/27/2012 1:32:22 AM
Ethylbenzene	6.6	1.0		µg/L	1	10/27/2012 1:32:22 AM
Xylenes, Total	16	2.0		µg/L	1	10/27/2012 1:32:22 AM
Surr: 1,2-Dichloroethane-d4	99.0	70-130		%REC	1	10/27/2012 1:32:22 AM
Surr: 4-Bromofluorobenzene	96.1	70-130		%REC	1	10/27/2012 1:32:22 AM
Surr: Dibromofluoromethane	92.9	70-130		%REC	1	10/27/2012 1:32:22 AM
Surr: Toluene-d8	112	70-130		%REC	1	10/27/2012 1:32:22 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	3560	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-2

Project: TWP Bell Lake

Collection Date: 10/17/2012 9:30:00 AM

Lab ID: 1210943-015

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	240	50		mg/L	100	10/19/2012 11:55:38 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.10	0.020		mg/L	1	10/24/2012 4:01:58 PM
Barium	0.42	0.020		mg/L	1	10/24/2012 4:01:58 PM
Manganese	0.17	0.0020		mg/L	1	10/24/2012 4:01:58 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	2.0	1.0		µg/L	1	10/27/2012 2:03:05 AM
Toluene	ND	1.0		µg/L	1	10/27/2012 2:03:05 AM
Ethylbenzene	ND	1.0		µg/L	1	10/27/2012 2:03:05 AM
Xylenes, Total	ND	2.0		µg/L	1	10/27/2012 2:03:05 AM
Surr: 1,2-Dichloroethane-d4	96.9	70-130		%REC	1	10/27/2012 2:03:05 AM
Surr: 4-Bromofluorobenzene	84.1	70-130		%REC	1	10/27/2012 2:03:05 AM
Surr: Dibromofluoromethane	92.4	70-130		%REC	1	10/27/2012 2:03:05 AM
Surr: Toluene-d8	107	70-130		%REC	1	10/27/2012 2:03:05 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	708	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-1

Project: TWP Bell Lake

Collection Date: 10/17/2012 10:30:00 AM

Lab ID: 1210943-016

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1800	50		mg/L	100	10/20/2012 12:20:27 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.075	0.020		mg/L	1	10/24/2012 4:04:05 PM
Barium	0.20	0.020		mg/L	1	10/24/2012 4:04:05 PM
Manganese	0.10	0.0020		mg/L	1	10/24/2012 4:04:05 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	5.0	1.0		µg/L	1	10/27/2012 2:33:47 AM
Toluene	2.0	1.0		µg/L	1	10/27/2012 2:33:47 AM
Ethylbenzene	ND	1.0		µg/L	1	10/27/2012 2:33:47 AM
Xylenes, Total	ND	2.0		µg/L	1	10/27/2012 2:33:47 AM
Surr: 1,2-Dichloroethane-d4	108	70-130		%REC	1	10/27/2012 2:33:47 AM
Surr: 4-Bromofluorobenzene	99.4	70-130		%REC	1	10/27/2012 2:33:47 AM
Surr: Dibromofluoromethane	98.8	70-130		%REC	1	10/27/2012 2:33:47 AM
Surr: Toluene-d8	102	70-130		%REC	1	10/27/2012 2:33:47 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	3750	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-7

Project: TWP Bell Lake

Collection Date: 10/17/2012 11:30:00 AM

Lab ID: 1210943-017

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: JRR
Chloride	2400	250		mg/L	500	10/23/2012 6:58:36 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.14	0.020		mg/L	1	10/24/2012 4:19:34 PM
Barium	0.39	0.020		mg/L	1	10/24/2012 4:19:34 PM
Manganese	0.025	0.0020		mg/L	1	10/24/2012 4:19:34 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	25	1.0		µg/L	1	10/27/2012 3:04:27 AM
Toluene	3.2	1.0		µg/L	1	10/27/2012 3:04:27 AM
Ethylbenzene	ND	1.0		µg/L	1	10/27/2012 3:04:27 AM
Xylenes, Total	5.4	2.0		µg/L	1	10/27/2012 3:04:27 AM
Surr: 1,2-Dichloroethane-d4	102	70-130		%REC	1	10/27/2012 3:04:27 AM
Surr: 4-Bromofluorobenzene	100	70-130		%REC	1	10/27/2012 3:04:27 AM
Surr: Dibromofluoromethane	94.6	70-130		%REC	1	10/27/2012 3:04:27 AM
Surr: Toluene-d8	94.4	70-130		%REC	1	10/27/2012 3:04:27 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	5070	100		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-11

Project: TWP Bell Lake

Collection Date: 10/17/2012 1:40:00 PM

Lab ID: 1210943-018

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1600	50		mg/L	100	10/20/2012 1:10:05 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.32	0.020		mg/L	1	10/24/2012 4:21:52 PM
Barium	0.24	0.020		mg/L	1	10/24/2012 4:21:52 PM
Manganese	0.0024	0.0020		mg/L	1	10/24/2012 4:21:52 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	300	10	P	µg/L	10	10/27/2012 3:35:05 AM
Toluene	890	10	P	µg/L	10	10/27/2012 3:35:05 AM
Ethylbenzene	38	10	P	µg/L	10	10/27/2012 3:35:05 AM
Xylenes, Total	750	20	P	µg/L	10	10/27/2012 3:35:05 AM
Surr: 1,2-Dichloroethane-d4	113	70-130	P	%REC	10	10/27/2012 3:35:05 AM
Surr: 4-Bromofluorobenzene	99.4	70-130	P	%REC	10	10/27/2012 3:35:05 AM
Surr: Dibromofluoromethane	111	70-130	P	%REC	10	10/27/2012 3:35:05 AM
Surr: Toluene-d8	99.4	70-130	P	%REC	10	10/27/2012 3:35:05 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	5650	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: SVE-11 Dup

Project: TWP Bell Lake

Collection Date: 10/17/2012 10:40:00 AM

Lab ID: 1210943-019

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	1700	50		mg/L	100	10/20/2012 1:34:53 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.37	0.020		mg/L	1	10/24/2012 4:24:05 PM
Barium	0.23	0.020		mg/L	1	10/24/2012 4:24:05 PM
Manganese	0.0024	0.0020		mg/L	1	10/24/2012 4:24:05 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	290	10	P	µg/L	10	10/27/2012 4:36:26 AM
Toluene	740	10	P	µg/L	10	10/27/2012 4:36:26 AM
Ethylbenzene	33	10	P	µg/L	10	10/27/2012 4:36:26 AM
Xylenes, Total	670	20	P	µg/L	10	10/27/2012 4:36:26 AM
Surr: 1,2-Dichloroethane-d4	98.1	70-130	P	%REC	10	10/27/2012 4:36:26 AM
Surr: 4-Bromofluorobenzene	99.0	70-130	P	%REC	10	10/27/2012 4:36:26 AM
Surr: Dibromofluoromethane	92.0	70-130	P	%REC	10	10/27/2012 4:36:26 AM
Surr: Toluene-d8	84.3	70-130	P	%REC	10	10/27/2012 4:36:26 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	5740	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-8

Project: TWP Bell Lake

Collection Date: 10/17/2012 2:45:00 PM

Lab ID: 1210943-020

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SRM
Chloride	850	50		mg/L	100	10/20/2012 3:14:09 AM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.21	0.020		mg/L	1	10/24/2012 4:27:06 PM
Barium	0.32	0.020		mg/L	1	10/24/2012 4:27:06 PM
Manganese	0.0048	0.0020		mg/L	1	10/24/2012 4:27:06 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	260	5.0		µg/L	5	10/27/2012 5:37:53 AM
Toluene	30	5.0		µg/L	5	10/27/2012 5:37:53 AM
Ethylbenzene	21	5.0		µg/L	5	10/27/2012 5:37:53 AM
Xylenes, Total	650	10		µg/L	5	10/27/2012 5:37:53 AM
Surr: 1,2-Dichloroethane-d4	102	70-130		%REC	5	10/27/2012 5:37:53 AM
Surr: 4-Bromofluorobenzene	92.5	70-130		%REC	5	10/27/2012 5:37:53 AM
Surr: Dibromofluoromethane	94.8	70-130		%REC	5	10/27/2012 5:37:53 AM
Surr: Toluene-d8	100	70-130		%REC	5	10/27/2012 5:37:53 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	2990	40.0		mg/L	1	10/24/2012 10:24:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-9

Project: TWP Bell Lake

Collection Date: 10/17/2012 3:50:00 PM

Lab ID: 1210943-021

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: JRR
Chloride	2800	250		mg/L	500	10/23/2012 7:11:01 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.57	0.020		mg/L	1	10/24/2012 5:02:03 PM
Barium	6.5	0.20		mg/L	10	10/24/2012 5:06:37 PM
Manganese	0.022	0.0020		mg/L	1	10/24/2012 5:02:03 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	120	5.0		µg/L	5	10/27/2012 6:08:34 AM
Toluene	190	5.0		µg/L	5	10/27/2012 6:08:34 AM
Ethylbenzene	13	5.0		µg/L	5	10/27/2012 6:08:34 AM
Xylenes, Total	230	10		µg/L	5	10/27/2012 6:08:34 AM
Surr: 1,2-Dichloroethane-d4	107	70-130		%REC	5	10/27/2012 6:08:34 AM
Surr: 4-Bromofluorobenzene	89.9	70-130		%REC	5	10/27/2012 6:08:34 AM
Surr: Dibromofluoromethane	100	70-130		%REC	5	10/27/2012 6:08:34 AM
Surr: Toluene-d8	101	70-130		%REC	5	10/27/2012 6:08:34 AM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	6500	100		mg/L	1	10/25/2012 9:00:00 AM

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH greater than 2
RL Reporting Detection Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: MW-10

Project: TWP Bell Lake

Collection Date: 10/17/2012 4:45:00 PM

Lab ID: 1210943-022

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: JRR
Chloride	3600	250		mg/L	500	10/23/2012 7:23:25 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: ELS
Arsenic	0.22	0.020		mg/L	1	10/24/2012 5:08:53 PM
Barium	14	0.40		mg/L	20	10/24/2012 5:13:32 PM
Manganese	0.92	0.0020		mg/L	1	10/24/2012 5:08:53 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	31	1.0		µg/L	1	10/29/2012 1:04:58 PM
Toluene	1.2	1.0		µg/L	1	10/29/2012 1:04:58 PM
Ethylbenzene	5.6	1.0		µg/L	1	10/29/2012 1:04:58 PM
Xylenes, Total	22	2.0		µg/L	1	10/29/2012 1:04:58 PM
Surr: 1,2-Dichloroethane-d4	96.8	70-130		%REC	1	10/29/2012 1:04:58 PM
Surr: 4-Bromofluorobenzene	90.4	70-130		%REC	1	10/29/2012 1:04:58 PM
Surr: Dibromofluoromethane	89.5	70-130		%REC	1	10/29/2012 1:04:58 PM
Surr: Toluene-d8	106	70-130		%REC	1	10/29/2012 1:04:58 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KS
Total Dissolved Solids	6520	100		mg/L	1	10/25/2012 9:00:00 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2
- RL Reporting Detection Limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 1210943

Date Reported: 11/5/2012

CLIENT: Cypress Engineering

Client Sample ID: Trip Blank

Project: TWP Bell Lake

Collection Date:

Lab ID: 1210943-023

Matrix: AQUEOUS

Received Date: 10/19/2012 10:48:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: DJF
Benzene	ND	1.0		µg/L	1	10/27/2012 7:40:31 AM
Toluene	ND	1.0		µg/L	1	10/27/2012 7:40:31 AM
Ethylbenzene	ND	1.0		µg/L	1	10/27/2012 7:40:31 AM
Xylenes, Total	ND	2.0		µg/L	1	10/27/2012 7:40:31 AM
Surr: 1,2-Dichloroethane-d4	116	70-130		%REC	1	10/27/2012 7:40:31 AM
Surr: 4-Bromofluorobenzene	98.9	70-130		%REC	1	10/27/2012 7:40:31 AM
Surr: Dibromofluoromethane	110	70-130		%REC	1	10/27/2012 7:40:31 AM
Surr: Toluene-d8	86.5	70-130		%REC	1	10/27/2012 7:40:31 AM

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH greater than 2
RL Reporting Detection Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1210943

05-Nov-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID MB	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBW	Batch ID: R6385			RunNo: 6385						
Prep Date:	Analysis Date: 10/19/2012			SeqNo: 183539		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID LCS	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSW	Batch ID: R6385			RunNo: 6385						
Prep Date:	Analysis Date: 10/19/2012			SeqNo: 183541		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.7	90	110			

Sample ID MB	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBW	Batch ID: R6385			RunNo: 6385						
Prep Date:	Analysis Date: 10/19/2012			SeqNo: 183619		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID LCS	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSW	Batch ID: R6385			RunNo: 6385						
Prep Date:	Analysis Date: 10/19/2012			SeqNo: 183620		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	95.1	90	110			

Sample ID MB	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBW	Batch ID: R6392			RunNo: 6392						
Prep Date:	Analysis Date: 10/19/2012			SeqNo: 183874		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID LCS	SampType: LCS			TestCode: EPA Method 300.0: Anions						
Client ID: LCSW	Batch ID: R6392			RunNo: 6392						
Prep Date:	Analysis Date: 10/19/2012			SeqNo: 183875		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	5.2	0.50	5.000	0	104	90	110			

Sample ID MB	SampType: MBLK			TestCode: EPA Method 300.0: Anions						
Client ID: PBW	Batch ID: R6436			RunNo: 6436						
Prep Date:	Analysis Date: 10/23/2012			SeqNo: 184973		Units: mg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1210943

05-Nov-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID	LCS		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSW		Batch ID: R6436		RunNo: 6436					
Prep Date:			Analysis Date: 10/23/2012		SeqNo: 184974		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.1	90	110			

Sample ID	MB	SampType: MBLK			TestCode: EPA Method 300.0: Anions					
Client ID:	PBW	Batch ID: R6436			RunNo: 6436					
Prep Date:		Analysis Date: 10/23/2012			SeqNo: 185021		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID	LCS		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSW		Batch ID: R6436		RunNo: 6436					
Prep Date:			Analysis Date: 10/23/2012		SeqNo: 185022		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	94.0	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH greater than 2

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1210943

05-Nov-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID	5mlrb	SampType:	MBLK	TestCode:	EPA Method 8260: Volatiles Short List					
Client ID:	PBW	Batch ID:	R6502	RunNo:	6502					
Prep Date:		Analysis Date:	10/25/2012	SeqNo:	187468	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	9.4		10.00		93.8	70	130			
Surr: Toluene-d8	9.1		10.00		90.8	70	130			

Sample ID	100ng lcs	SampType:	LCS	TestCode:	EPA Method 8260: Volatiles Short List					
Client ID:	LCSW	Batch ID:	R6502	RunNo:	6502					
Prep Date:		Analysis Date:	10/25/2012	SeqNo:	187472	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	94.3	70	130			
Toluene	23	1.0	20.00	0	114	80	120			
Surr: 1,2-Dichloroethane-d4	11		10.00		110	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID	5ml rb	SampType:	MBLK	TestCode:	EPA Method 8260: Volatiles Short List					
Client ID:	PBW	Batch ID:	R6530	RunNo:	6530					
Prep Date:		Analysis Date:	10/26/2012	SeqNo:	188643	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 1,2-Dichloroethane-d4	11		10.00		111	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		113	70	130			
Surr: Dibromofluoromethane	11		10.00		105	70	130			
Surr: Toluene-d8	9.7		10.00		96.9	70	130			

Sample ID	100ng lcs	SampType:	LCS	TestCode:	EPA Method 8260: Volatiles Short List					
Client ID:	LCSW	Batch ID:	R6530	RunNo:	6530					
Prep Date:		Analysis Date:	10/26/2012	SeqNo:	188645	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.2	70	130			
Toluene	20	1.0	20.00	0	98.4	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1210943

05-Nov-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID	100ng lcs	SampType:	LCS	TestCode:	EPA Method 8260: Volatiles Short List					
Client ID:	LCSW	Batch ID:	R6530	RunNo:	6530					
Prep Date:		Analysis Date:	10/26/2012	SeqNo:	188645	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		113	70	130			
Surr: Dibromofluoromethane	9.5		10.00		94.5	70	130			
Surr: Toluene-d8	8.9		10.00		88.7	70	130			

Sample ID	5ml rb	SampType:	MBLK	TestCode:	EPA Method 8260: Volatiles Short List					
Client ID:	PBW	Batch ID:	R6561	RunNo:	6561					
Prep Date:		Analysis Date:	10/29/2012	SeqNo:	189563	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		106	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.6	70	130			
Surr: Toluene-d8	9.3		10.00		93.1	70	130			

Sample ID	100ng lcs	SampType:	LCS	TestCode:	EPA Method 8260: Volatiles Short List					
Client ID:	LCSW	Batch ID:	R6561	RunNo:	6561					
Prep Date:		Analysis Date:	10/29/2012	SeqNo:	189564	Units:	µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	21	1.0	20.00	0	107	80	120			
Surr: 1,2-Dichloroethane-d4	11		10.00		111	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		94.1	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	11		10.00		108	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH greater than 2

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1210943

05-Nov-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID	MB		SampType: MBLK			TestCode: EPA Method 6010B: Dissolved Metals				
Client ID:	PBW		Batch ID: R6462			RunNo: 6462				
Prep Date:			Analysis Date: 10/24/2012			SeqNo: 185744		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020								
Barium	ND	0.020								
Manganese	ND	0.0020								

Sample ID	LCS		SampType: LCS			TestCode: EPA Method 6010B: Dissolved Metals				
Client ID:	LCSW		Batch ID: R6462			RunNo: 6462				
Prep Date:			Analysis Date: 10/24/2012			SeqNo: 185745		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.53	0.020	0.5000	0	106	80	120			
Barium	0.50	0.020	0.5000	0	101	80	120			
Manganese	0.49	0.0020	0.5000	0	98.2	80	120			

Sample ID	MB		SampType: MBLK			TestCode: EPA Method 6010B: Dissolved Metals				
Client ID:	PBW		Batch ID: R6462			RunNo: 6462				
Prep Date:			Analysis Date: 10/24/2012			SeqNo: 185804		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.020								
Barium	ND	0.020								
Manganese	ND	0.0020								

Sample ID	LCS		SampType: LCS			TestCode: EPA Method 6010B: Dissolved Metals				
Client ID:	LCSW		Batch ID: R6462			RunNo: 6462				
Prep Date:			Analysis Date: 10/24/2012			SeqNo: 185805		Units: mg/L		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.52	0.020	0.5000	0	104	80	120			
Barium	0.51	0.020	0.5000	0	103	80	120			
Manganese	0.51	0.0020	0.5000	0	103	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1210943

05-Nov-12

Client: Cypress Engineering

Project: TWP Bell Lake

Sample ID	MB-4449		SampType: MBLK		TestCode: SM2540C MOD: Total Dissolved Solids					
Client ID:	PBW		Batch ID: 4449		RunNo: 6442					
Prep Date:	10/22/2012		Analysis Date: 10/24/2012		SeqNo: 185281		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID	LCS-4449		SampType: LCS		TestCode: SM2540C MOD: Total Dissolved Solids					
Client ID:	LCSW		Batch ID: 4449		RunNo: 6442					
Prep Date:	10/22/2012		Analysis Date: 10/24/2012		SeqNo: 185282		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	6.000	101	80	120			

Sample ID	MB-4481		SampType:	MBLK		TestCode:	SM2540C MOD: Total Dissolved Solids				
Client ID:	PBW		Batch ID:	4481		RunNo:	6469				
Prep Date:	10/23/2012		Analysis Date:	10/25/2012		SeqNo:	186174		Units:	mg/L	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Total Dissolved Solids	ND	20.0									

Sample ID	LCS-4481		SampType: LCS		TestCode: SM2540C MOD: Total Dissolved Solids					
Client ID:	LCSW		Batch ID: 4481		RunNo: 6469					
Prep Date:	10/23/2012		Analysis Date: 10/25/2012		SeqNo: 186175		Units: mg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH greater than 2

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits

Sample Log-In Check List

Client Name: CYP Work Order Number: 1210943

Received by/date: AG 10/19/12

Logged By: Anne Thorne 10/19/2012 10:48:00 AM Anne Thorne

Completed By: Anne Thorne 10/19/2012 Anne Thorne

Reviewed By: MO labeled AT checked / 10/19/12

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? UPS

Log In

4. Coolers are present? (see 19. for cooler specific information) Yes ☒ No ☐ NA ☐
5. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
6. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☒ No ☒ NA ☐
Added 0.4mL to samples 007C, 008C, 018C and 019C for acceptable pH.
11. VOA vials have zero headspace? Yes ☒ No ☐ No VOA Vials ☐
12. Were any sample containers received broken? Yes ☐ No ☒
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

of preserved bottles checked for pH: 22
(≤ 2 or >12 unless noted)
Adjusted? _____
Checked by: IO

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:	_____	Date:	_____
By Whom:	_____	Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:	_____		
Client Instructions:	_____		

18. Additional remarks:

19. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

