GW – 080

2013 AGWMR

04 / 10 / 2014

CONESTOGA-ROVERS & ASSOCIATES

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2013 ANNUAL GROUNDWATER MONITORING REPORT

BELL LAKE GAS PLANT
LEA COUNTY, NEW MEXICO
CASE # GW-355

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Partners in Sustainability

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Section 1.0 Introduction

This report discusses the groundwater sampling events performed by Cypress Engineering Services Inc. (Cypress) on May 7, 8, and 9, 2013 and December 18 and 19, 2013 at the Transwestern Pipeline Company, LLC. (Transwestern) Bell Lake Gas Plant (Site). The Compressor Station is owned and operated by DCP Midstream, however, the groundwater remediation activities remain with Transwestern. Properties adjacent to the Site are owned the State of New Mexico (State Land Office). The Site is located approximately 25 miles northwest of Jal, in Lea County, New Mexico. Geographical coordinates for the Site are 32°14'55.59" North and 103°31'17.59" West. A Site location map and detail map are included as **Figures 1** and **2**, respectively.

Site consulting responsibilities were transferred from Cypress to Conestoga Rovers & Associates, Inc. (CRA) in January 2014.

1.1 Background

The Bell Lake Gas Plant began operation in 1961. During past operations, pipeline liquid wastes were placed in three unlined impoundments located on the northeast quarter of the facility property. Wastes were also placed in one concrete lined impoundment located near the northwest corner of the property (**Figure 2**). Impacts to a shallow, unconfined, perched groundwater zone appear to have originated from the former unlined waste impoundments. Primary constituents of concern (COCs) at the Site are total dissolved solids (TDS), chloride, and benzene.

An SVE system with 3 SVE wells was placed in service at the Site in June 1996. The original system was expanded by 4 wells in 1997 and again by 6 wells in 1999. Recovery of light, non-aqueous phase liquid (LNAPL) took place in SVE wells between 1998 and 2008.

In April 2004, a Discharge Plan application was submitted to the New Mexico Oil Conservation Division (NMOCD) for an expansion of the remediation system to include total fluids (both LNAPL and water) recovery from the perched aquifer. On October 25, 2004, Discharge Plan GW-355 was issued by the NMOCD for this modification. The proposed expansion to the existing remediation system would require the New Mexico State Land Office (NMSLO) to enter into a lease access agreement for construction of an evaporation pond. The NMSLO requested a remediation alternative analysis that includes off-Site disposal and deep well injection of water produced by remediation activities. Plans for the development of a remediation alternative analysis and potential installation of an evaporation pond were postponed until such time as the chloride plume could be fully delineated.

SVE system monitoring results indicated that the VOC content in extracted vapor declined from an initial high of 4,000 ug/L in January 1998 to a low of 140 ug/L in October 2012. As a result, operation of the SVE system was discontinued in October 2012.

1.2 Hydrogeology

The Site is underlain by recent Quaternary alluvial and terrace deposits consisting primarily of loosely consolidated sands and gravels. A dense clay layer was encountered at a total depth of 104 feet below ground level in boring MW-3. This clay is likely the basal confining layer for the shallow unconfined aquifer encountered below the subject property.

The shallow, unconfined, perched groundwater zone is present at the Site at approximately 90 feet below ground surface. Elevation of the perched groundwater has been stable at the Site since first recorded in 1993. There are no known uses of the perched zone within a 2-mile radius of the Site.

A water supply well, located in the southeast part of the facility, has historically provided water for use at the facility. This well was completed in 1967 to a total depth of 659 ft, and is screened from 550 to 659 ft bgs. Analytical results from samples collected from the onsite supply well do not indicate migration of contaminants into this water bearing zone.

Section 2.0 Groundwater Monitoring Methodology and Analytical Results

2.1 Groundwater Monitoring Summary

Groundwater sampling events were conducted at the Site on May 7, 8, and 9, 2013 and December 18 and 19, 2013 by Cypress.

2.2 Groundwater Monitoring Methodology

Prior to collection of groundwater samples from Site monitor wells, the depth to groundwater in each well was measured using an oil/water interface probe (**Table 1)**. Groundwater gauging and collection of samples was conducted by Cypress using their standard operating procedures.

Groundwater samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B during the May 2013 sampling event. Groundwater samples were analyzed for BTEX by EPA Method 8021B, TDS by SM 2540C; chloride by EPA Method 300.0; and arsenic, barium, and magnesium by EPA method 6010B during the December 2013 sampling event. A summary of analytical results for BTEX and field measured groundwater quality parameters (pH, temperature, electrical conductivity, and dissolved oxygen) is presented in **Table 2**. A summary of analytical results for inorganic constituents is presented in **Table 3**.

2.3 Groundwater Monitoring Results

The New Mexico Water Quality Control Commission (NMWQCC) mandates that groundwater quality in New Mexico be protected, and has issued groundwater quality standards in Title 20, Chapter 6, Part 2, Section 3103 of the New Mexico Administrative Code (20.6.2.3103 NMAC). Results of the groundwater monitoring event are discussed below:

May 2013 (Wells sampled for BTEX only)

- Depth to groundwater in Site wells ranged from 81.88 (MW-16) to 93.28 (MW-3) feet below top of casing (btoc). Groundwater flow was toward the southeast and is consistent with previous data. The groundwater gradient was approximately 0.0015 feet per foot. A groundwater potentiometric surface map reflecting the groundwater elevations are presented as **Figure 3**.
- LNAPL was detected in wells SVE-1 and SVE-8 at thicknesses of 0.16 and 0.03 feet, respectively.
- **Benzene:** The NMWQCC domestic water supply groundwater quality standard for benzene is 10 micrograms per liter (ug/L). Groundwater samples collected from 9 monitor wells (MW-6, MW-8, MW-9, MW-10, MW-11, SVE-5, SVE-6, SVE-7, and SVE-11) were found to contain benzene at concentrations exceeding 10 ug/L (**Figure 5**). Concentrations ranged from 22 to 330 ug/L.
- **Toluene:** The NMWQCC domestic water supply groundwater quality standard for toluene is 750 ug/L. The groundwater sample collected from SVE-5 was found to contain toluene at a concentration of 990 ug/L.
- **Total Xylenes:** The NMWQCC domestic water supply groundwater quality standard for total xylenes is 620 ug/L. The groundwater samples collected from MW-9 and SVE-5 were found to contain xylenes at concentrations of 670 ug/L and 1100 ug/L, respectively.

December 2013

- Depth to groundwater in Site wells was ranged from 81.91 (MW-16) to 93.41 (MW-3) feet btoc. Groundwater flow was toward the southeast and is consistent with previous data. The groundwater gradient was approximately 0.0015 feet per foot. A groundwater potentiometric surface map reflecting December 2013 groundwater elevations are presented as **Figure 4**.
- LNAPL was detected in well SVE-1 at a thickness of 0.31 feet.
- **Benzene:** The NMWQCC groundwater quality standard for benzene is 10 ug/L. Groundwater samples collected from 10 monitor wells (MW-4, MW-5, MW-6, MW-8, MW-9, MW-10, MW-11, SVE-5, SVE-6, SVE-7, and SVE-11) were found to contain benzene at concentrations exceeding 10 ug/L (**Figure 6**). Concentrations ranged from 12 to 520 ug/L.

- **Toluene:** The NMWQCC groundwater quality standard for toluene is 750 ug/L. The groundwater samples collected from SVE-5 and SVE-11 were found to contain toluene at concentrations of 1500 ug/L and 880 ug/L, respectively.
- **Total Xylenes:** The NMWQCC groundwater quality standard for total xylenes is 620 ug/L. The groundwater samples collected from MW-9, MW-11, SVE-5, and SVE-11 were found to contain xylenes at concentrations of 770 ug/L, 860 ug/L, 1500 ug/L, and 760 ug/L, respectively.
- **TDS:** The NMWQCC groundwater quality standard for TDS is 1000 milligrams per liter (mg/L). Groundwater samples collected from 20 sampled monitor and SVE wells(MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, SVE-2, SVE-5, SVE-6, SVE-7, and SVE-11) were found to contain TDS at concentrations exceeding 1000 mg/L (**Figure 7**). Concentrations ranged from 1100 to 14200 mg/L.
- **Chloride:** The NMWQCC groundwater quality standard for chloride is 250 mg/L. Groundwater samples collected from 17 sampled monitor and SVE wells (MW-1, MW-2, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-15, SVE-2, SVE-5, SVE-6, SVE-7, and SVE-11) were found to contain chloride at concentrations exceeding 250 mg/L (**Figure 7**). Concentrations ranged from 400 to 3800 mg/L.
- **Arsenic:** The NMWQCC groundwater quality standard for arsenic is 0.1 mg/L. Groundwater samples collected from 9 sampled monitor and SVE wells (MW-2, MW-8, MW-9, MW-10, MW-11, SVE-5, SVE-6, SVE-7, and SVE-11) were found to contain arsenic at concentrations exceeding 0.1 mg/L. Concentrations ranged from 0.10 to 0.82 mg/L.
- **Barium:** The NMWQCC groundwater quality standard for barium is 1.0 mg/L. Groundwater samples collected from 4 sampled monitor and SVE wells (MW-9, MW-10, MW-11, and SVE-5) were found to contain barium at concentrations exceeding 1.0 mg/L. Concentrations ranged from 1.4 to 12 mg/L.
- **Manganese:** The NMWQCC groundwater quality standard for manganese is 0.2 mg/L. Groundwater samples collected from 5 sampled monitor wells (MW-7, MW-10, MW-11, MW-13, and MW-15) were found to contain manganese at concentrations exceeding 0.2 mg/L. Concentrations ranged from 0.62 to 5.8 mg/L.

The corresponding Laboratory Analytical Reports are included in **Appendix A**. Site maps showing the concentration of benzene present in groundwater during the May and December 2013 sampling events are included as **Figures 5** and **6**, respectively. A Site map showing the concentration of inorganics present in groundwater is included as **Figures 7**.

Section 3.0 Conclusion and Recommendations

Presence of LNAPL in Site wells has been significantly reduced since remediation efforts began. LNAPL was detected in SVE-1 and SVE-8 during the May and December 2013 sampling events. A significant increase in the LNAPL thickness in SVE-1 from May to December may correspond with a decrease in groundwater levels observed over the past two years. No other wells indicated the presence of LNAPL.

Generally, the reported benzene concentrations in monitoring wells have been mostly stable (no general increasing or decreasing trend), particularly since 2009. This is typified by data reported for MW-1 (**Figure 8**). However, general trends can be difficult to assess in some wells due to the erratic nature of the data reported. This is typified by data reported for SVE-11 (**Figure 9**), but is common with the majority of the wells. In monitor wells MW-2, MW-10, SVE-6, and SVE-7 there appears to be a general increasing benzene concentration trend (**Figure 10**), particularly since 2009. In monitor well MW-8 there appears to be a general decreasing trend since 2009 (**Figure 11**), although this is difficult to assess due to the erratic nature of the data.

The TDS and chloride data reported for the monitor wells tends to be less erratic than the benzene. Generally, the majority of the chloride data reported for the monitor wells tend to be stable as typified by MW-2 (**Figure 12**). However, monitor wells MW-1, MW-12, SVE-6 and SVE-7 indicate an increasing trend in chloride concentrations, particularly since 2009. Monitor wells MW-7 (**Figure 13**), MW-9, and SVE-5 indicate a general decreasing trend.

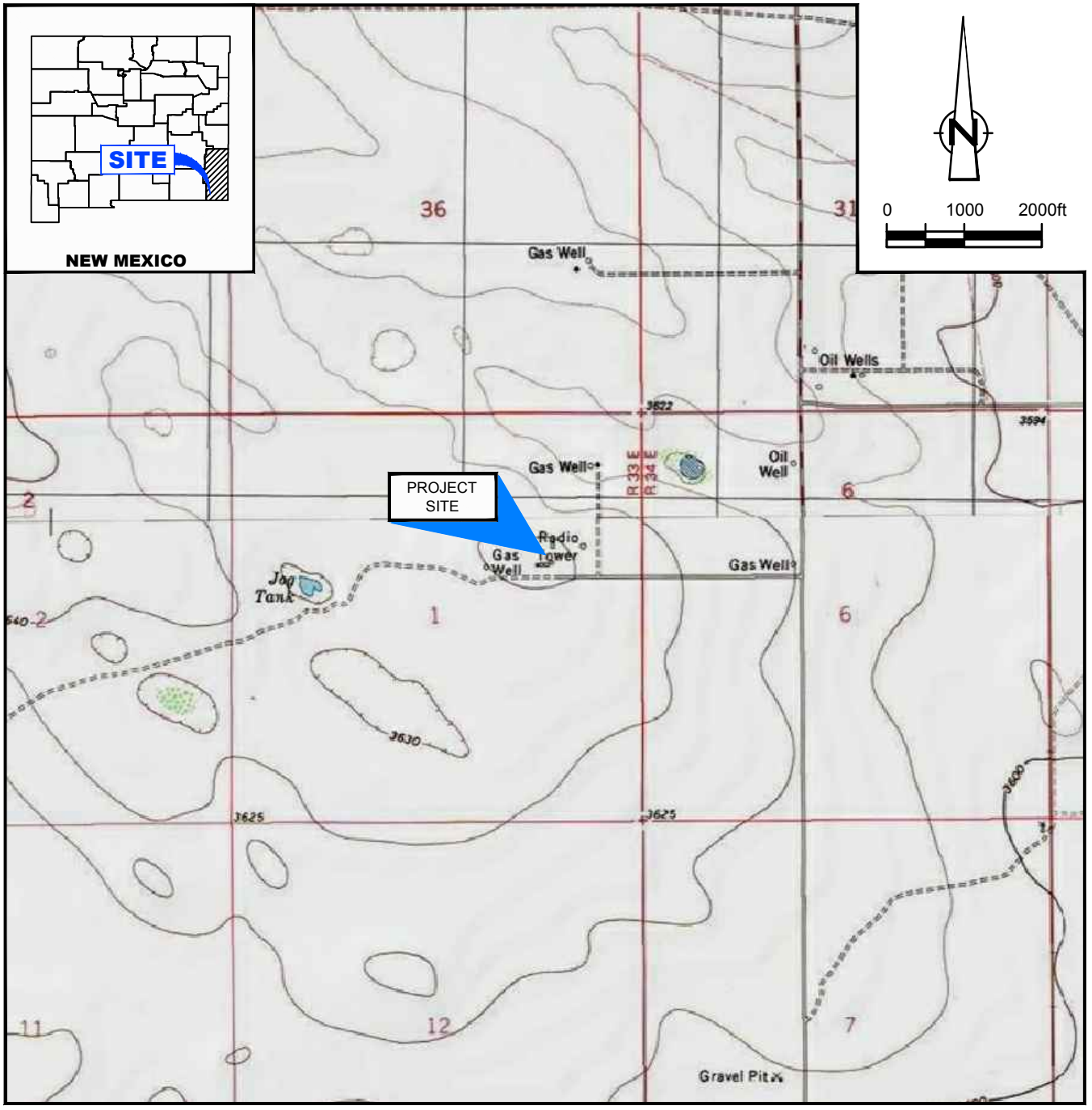
The reported TDS concentrations generally follow the reported chloride concentrations in the majority of the wells. This is generally expected and typically indicates that the majority of the TDS is comprised of chloride ions. However, the data reported for monitor wells MW-7 (**Figure 13**), MW-16, and SVE-5 show a general increase in TDS compared to the chloride concentrations.

Based on an assessment of the data, CRA recommends the following:

- Review historical sample collection methods to assess if these could cause the variability in reported benzene concentrations;
- Review historical data to assess if additional source material (petroleum hydrocarbons and chlorides) remains; and
- Collect and evaluate biodegradation data to review for limiting factors.

During a 2013 meeting, the NMOCD requested that containment of chloride impacted groundwater be implemented. CRA will evaluate the Site for further delineation of the chloride plume, cost-effective groundwater recovery options, and provide recommendations to the NMOCD.

Figures



SOURCE: USGS 7.5 MINUTE QUAD
"BELL LAKE AND TIP TOP WELLS, NEW MEXICO"

LAT/LONG: 32.2487° NORTH, 103.5215° WEST
COORDINATE: NAD83 DATUM, U.S. FOOT
STATE PLANE ZONE - NEW MEXICO EAST

Figure 1

SITE LOCATION MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

086232-00(001)GN-DL001 APR 2/2014

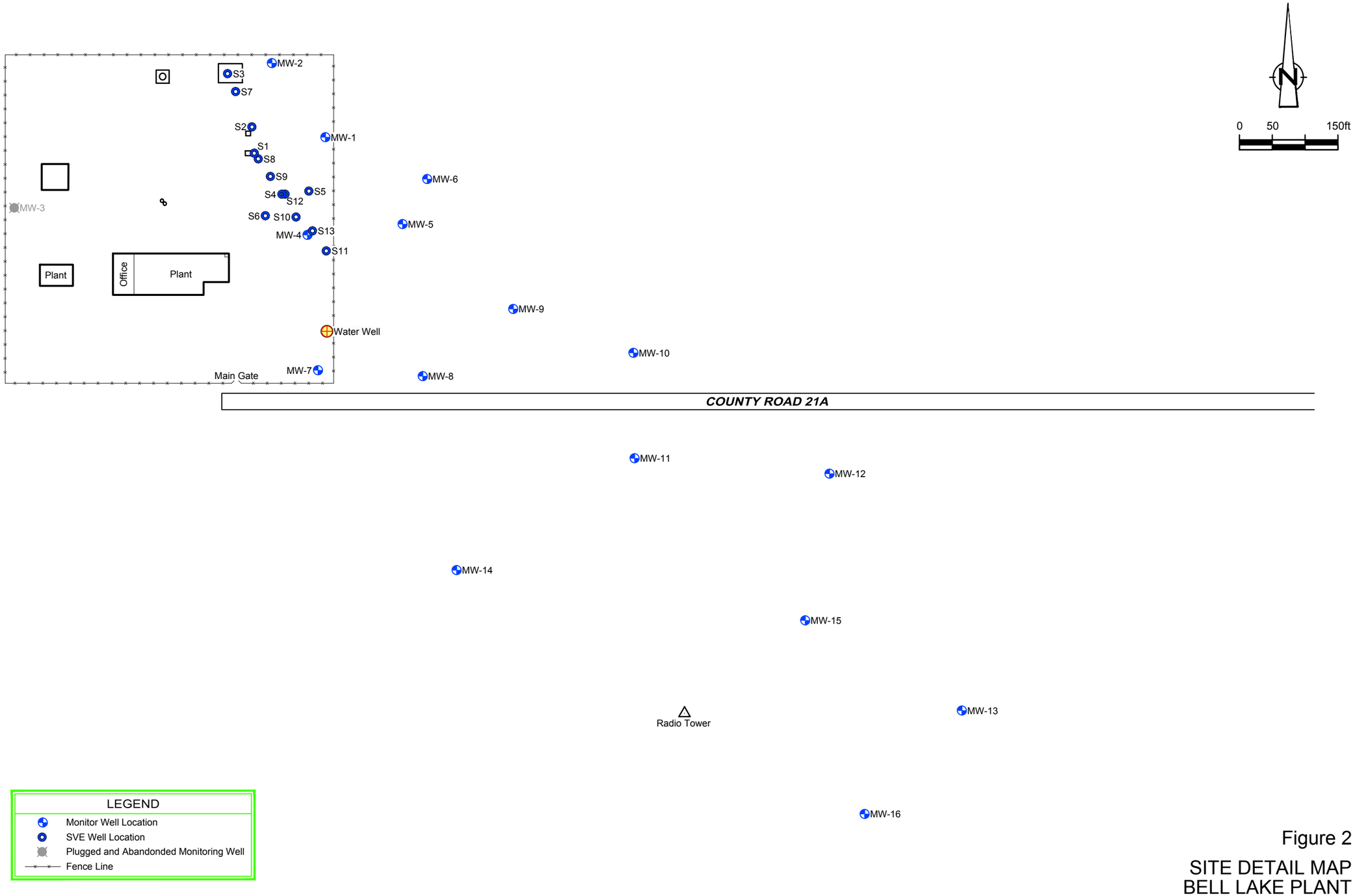


Figure 2

SITE DETAIL MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

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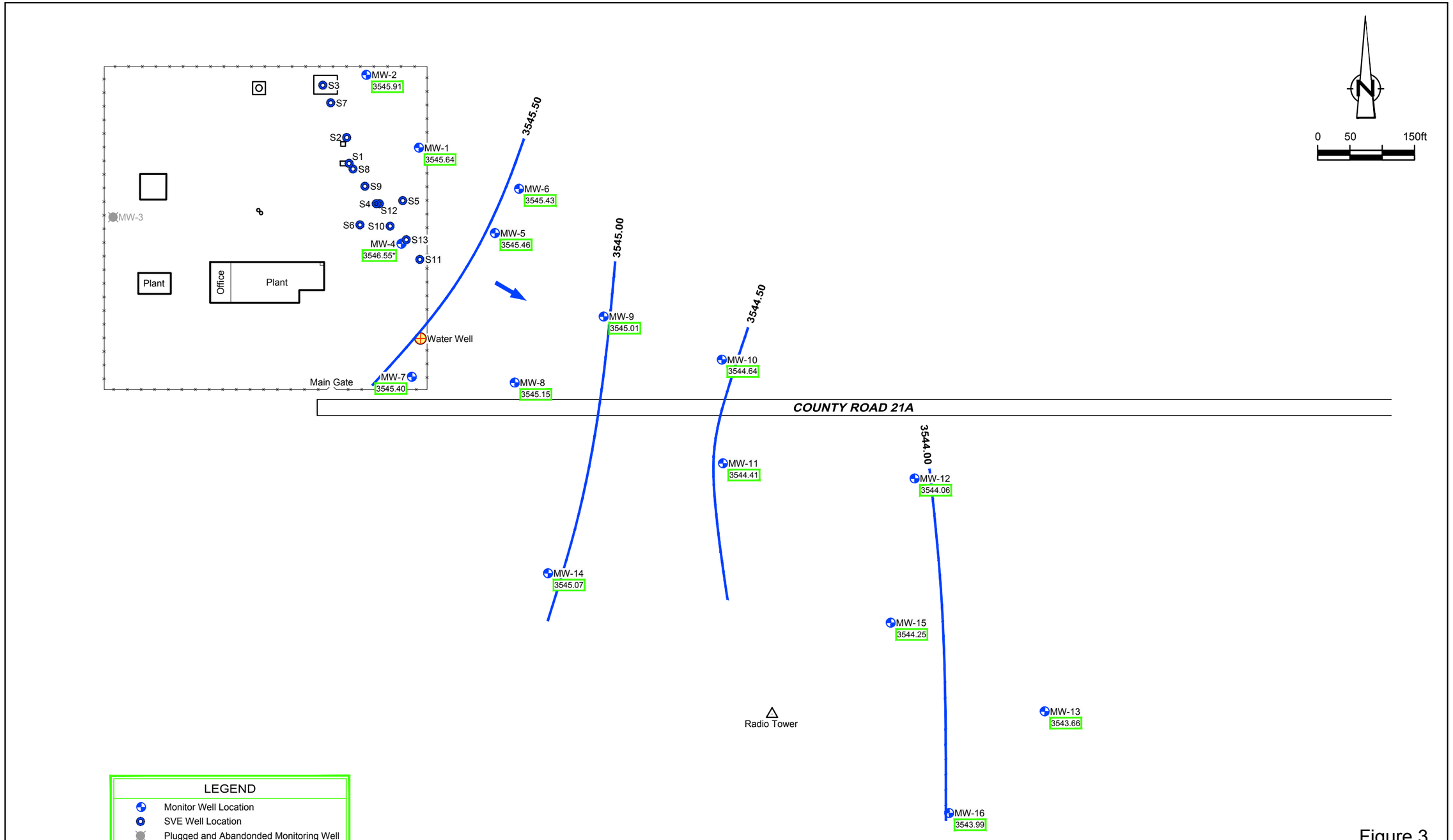

Figure 3

MAY 2013 POTENTIOMETRIC SURFACE MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

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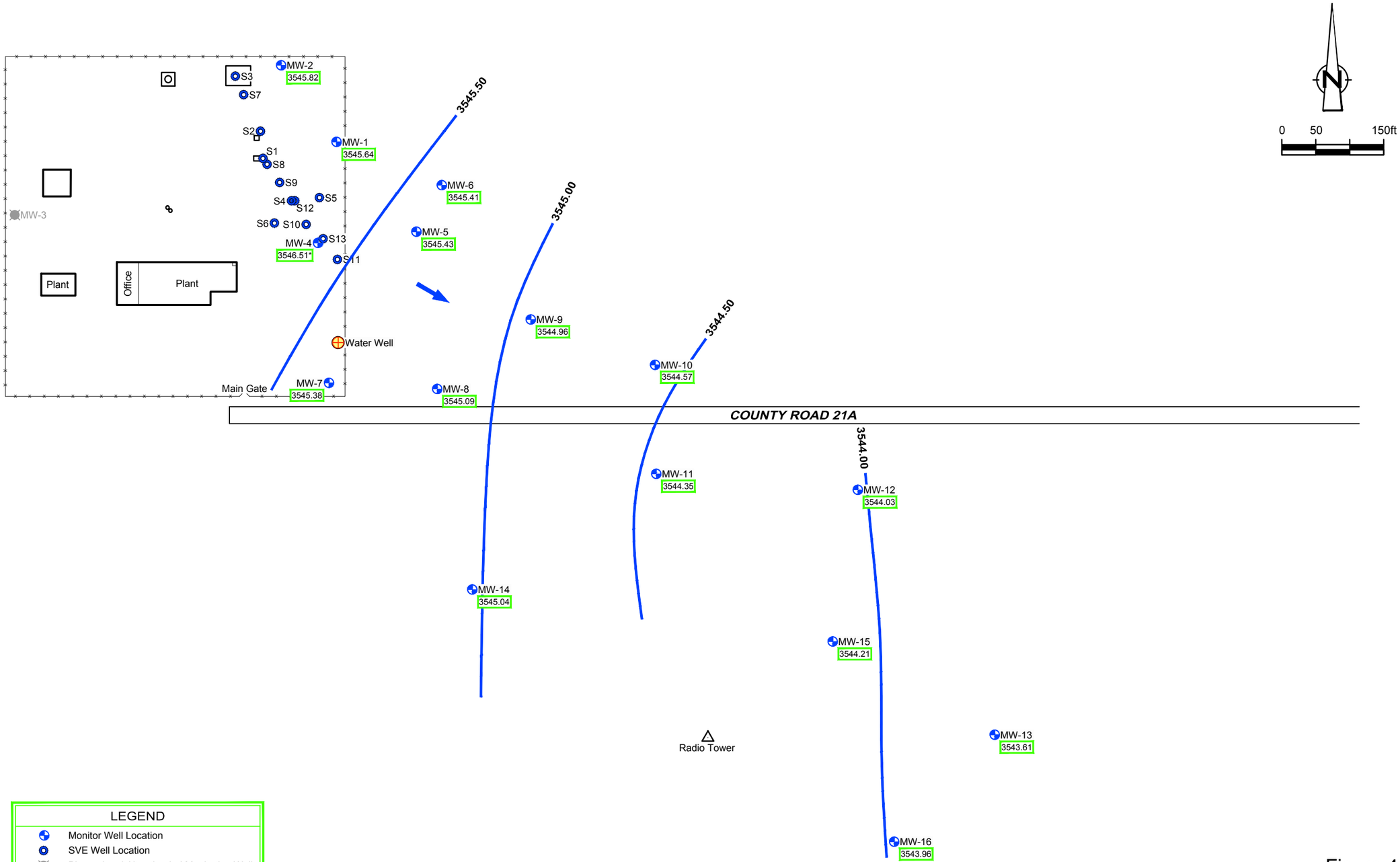

Figure 4

DECEMBER 2013 POTENTIOMETRIC SURFACE MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

086232-00(001)GN-DL001 APR 2/2014

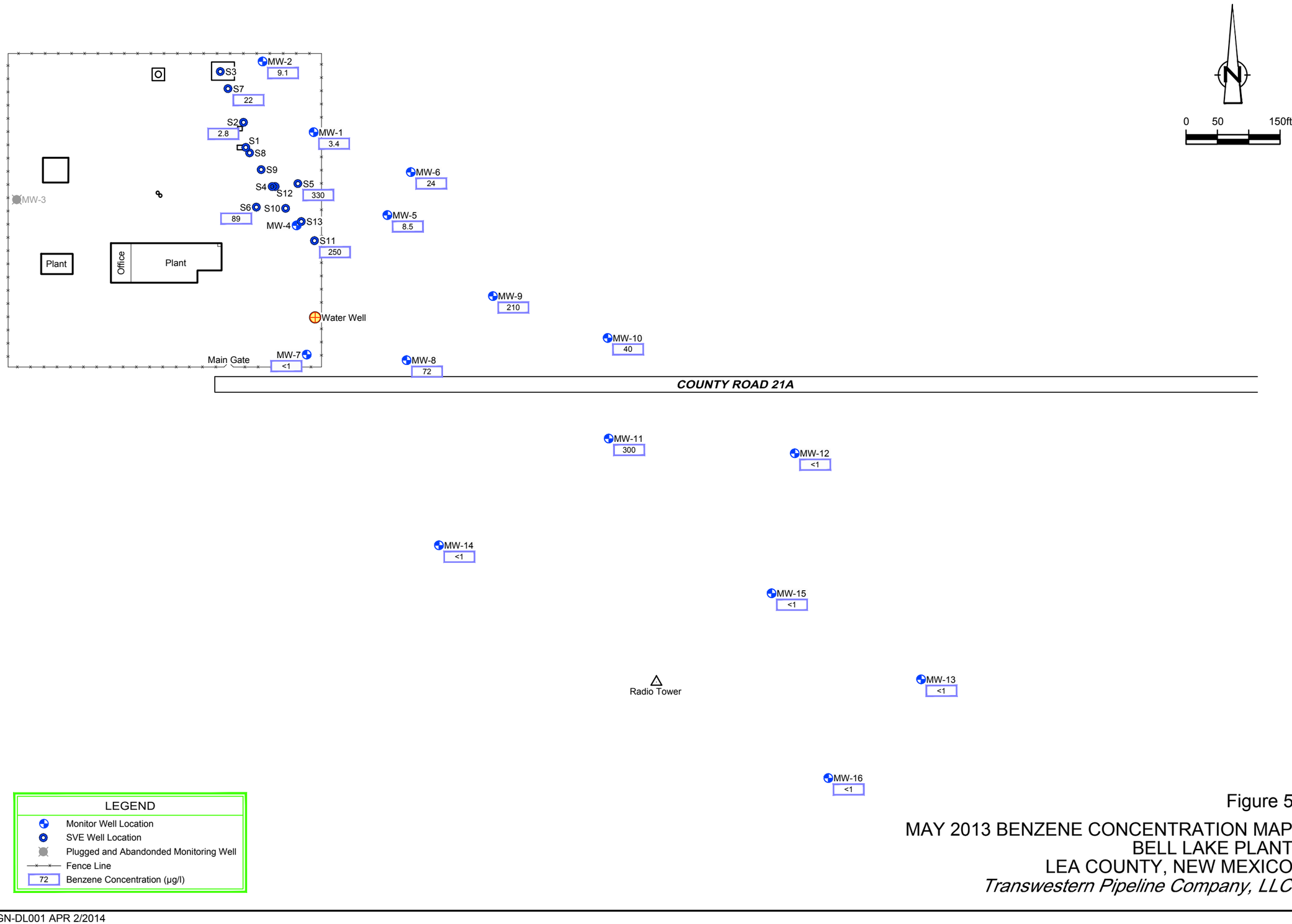

Figure 5

MAY 2013 BENZENE CONCENTRATION MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

086232-00(001)GN-DL001 APR 2/2014

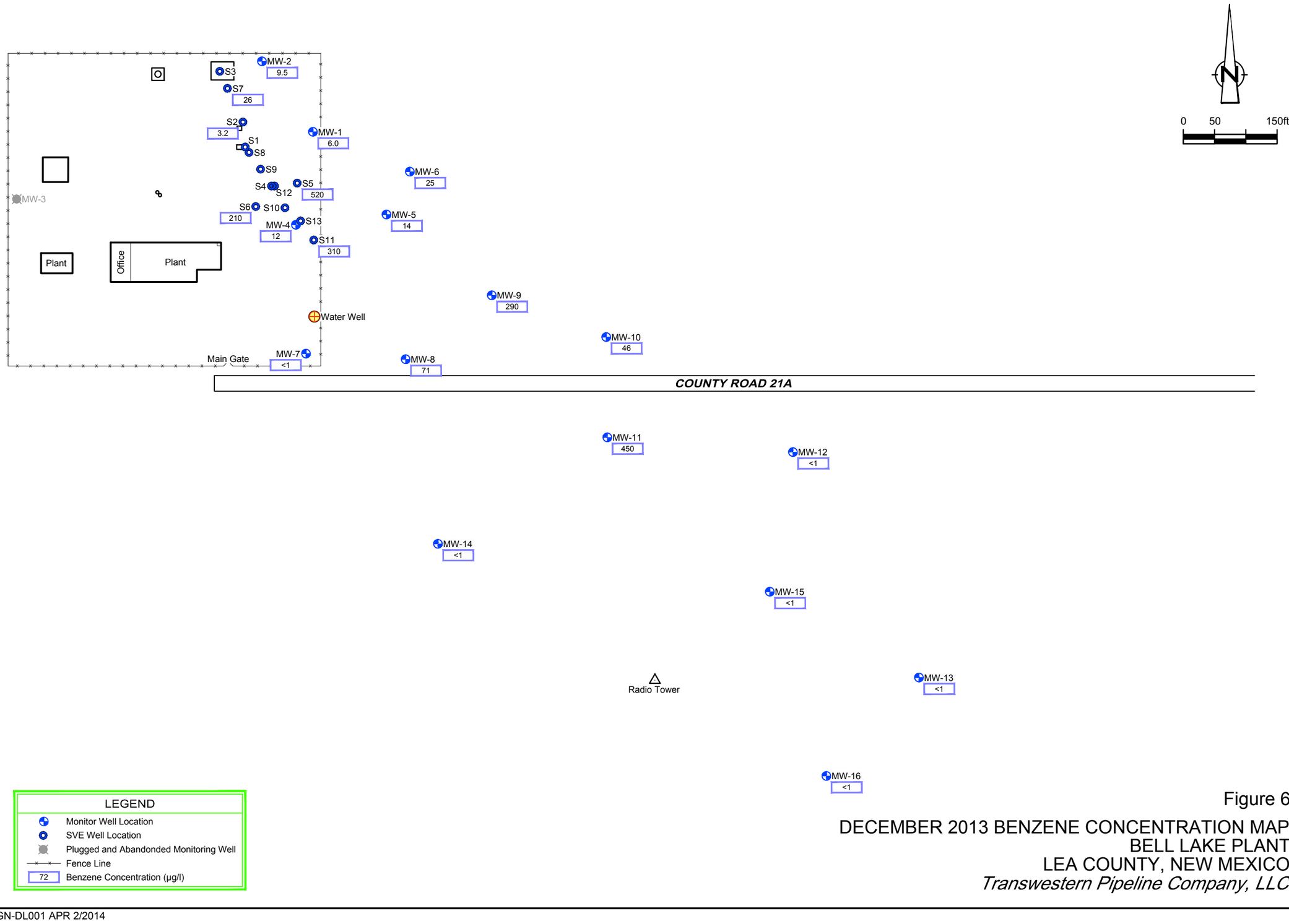

Figure 6

DECEMBER 2013 BENZENE CONCENTRATION MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

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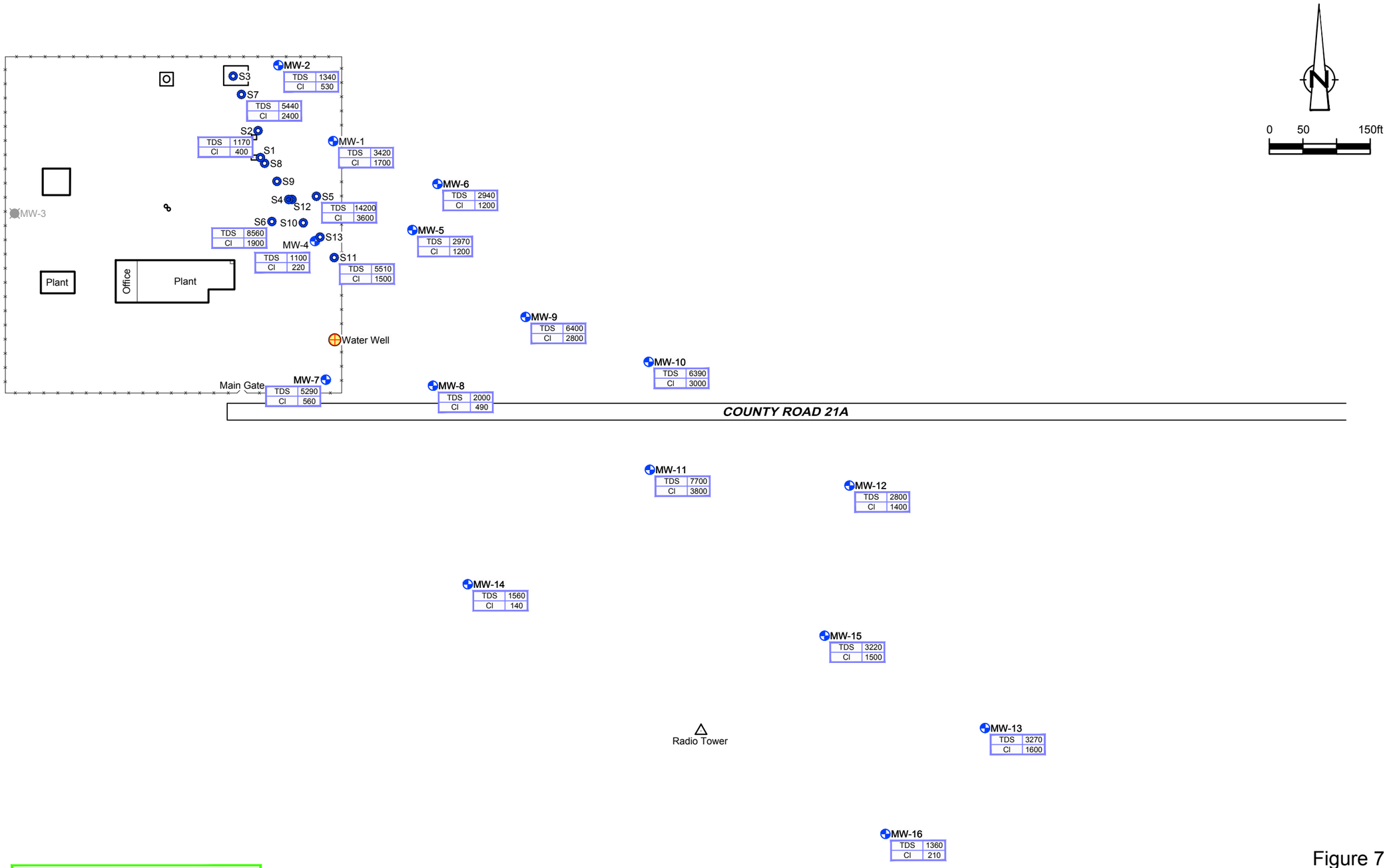


LEGEND

- Monitor Well Location
- SVE Well Location
- Plugged and Abandonded Monitoring Well
- Fence Line

NOTE:

1. All concentrations are in mg/l.

Figure 7

DECEMBER 2013 TDS AND CHLORIDE CONCENTRATION MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

Figure 8

Bell Lake Remediation Site

Concentration History at Well MW-1

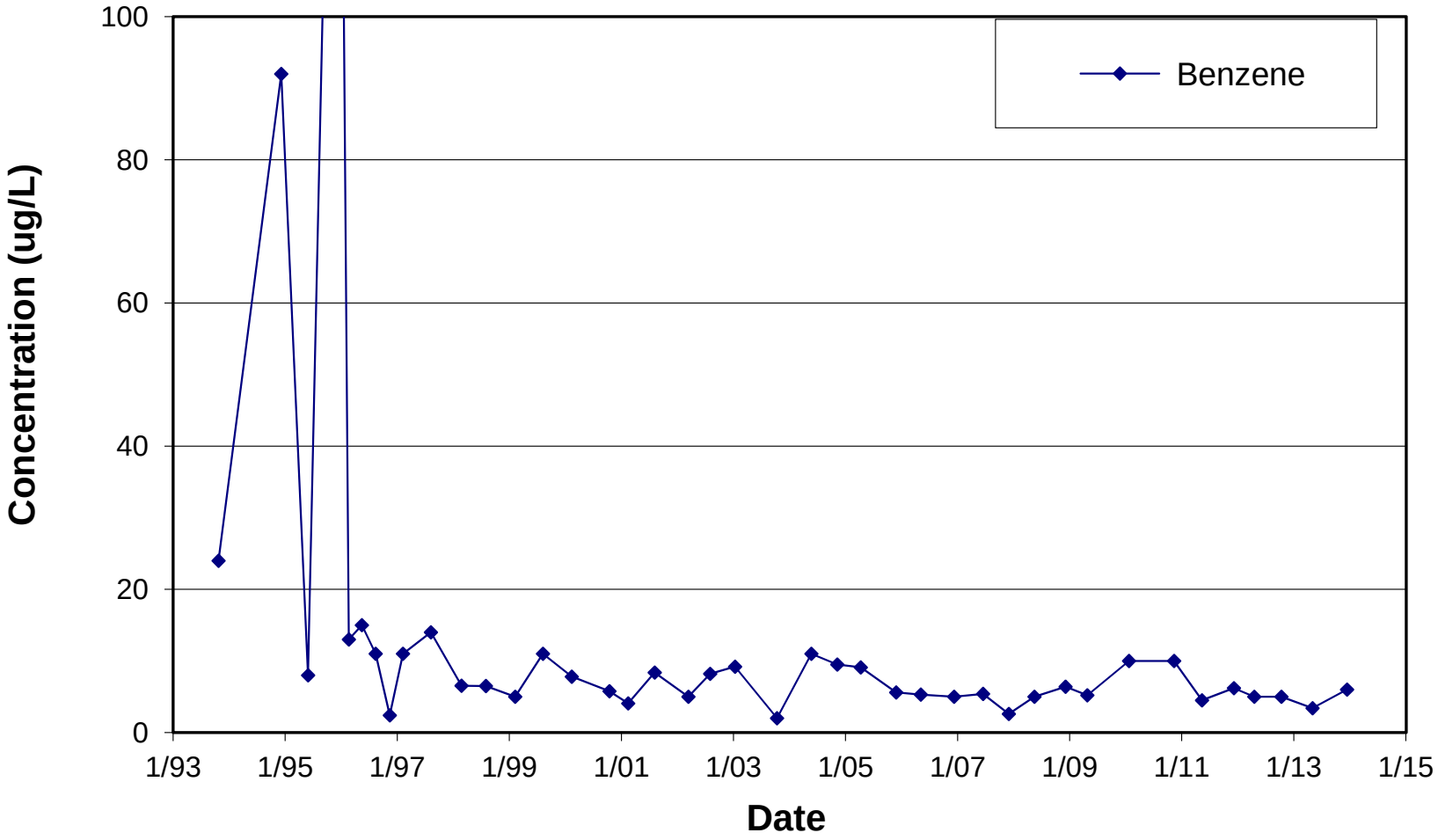


Figure 9

Bell Lake Remediation Site

Concentration History at Well SVE-11

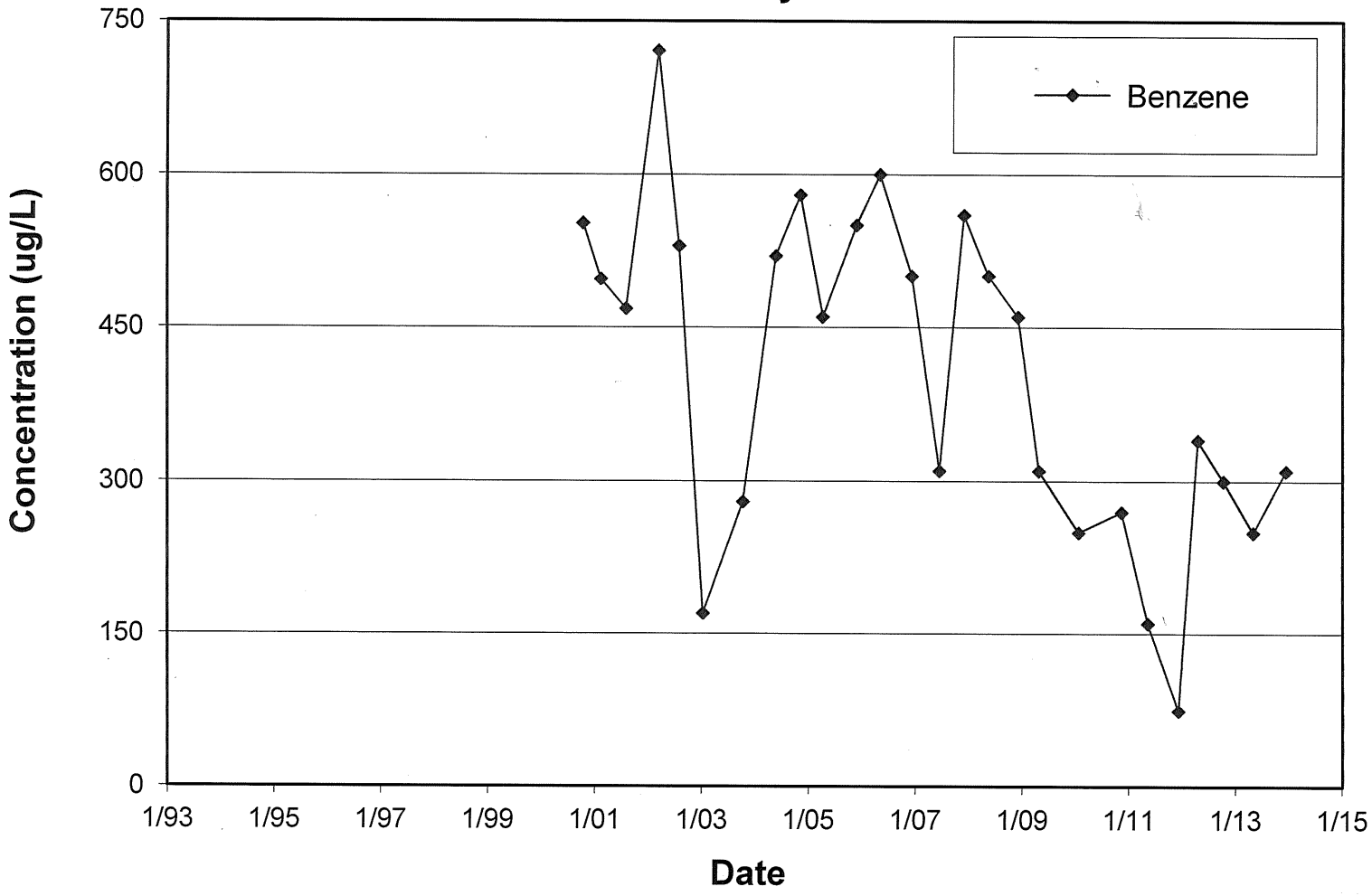


Figure 10

Bell Lake Remediation Site

Concentration History at Well MW-10

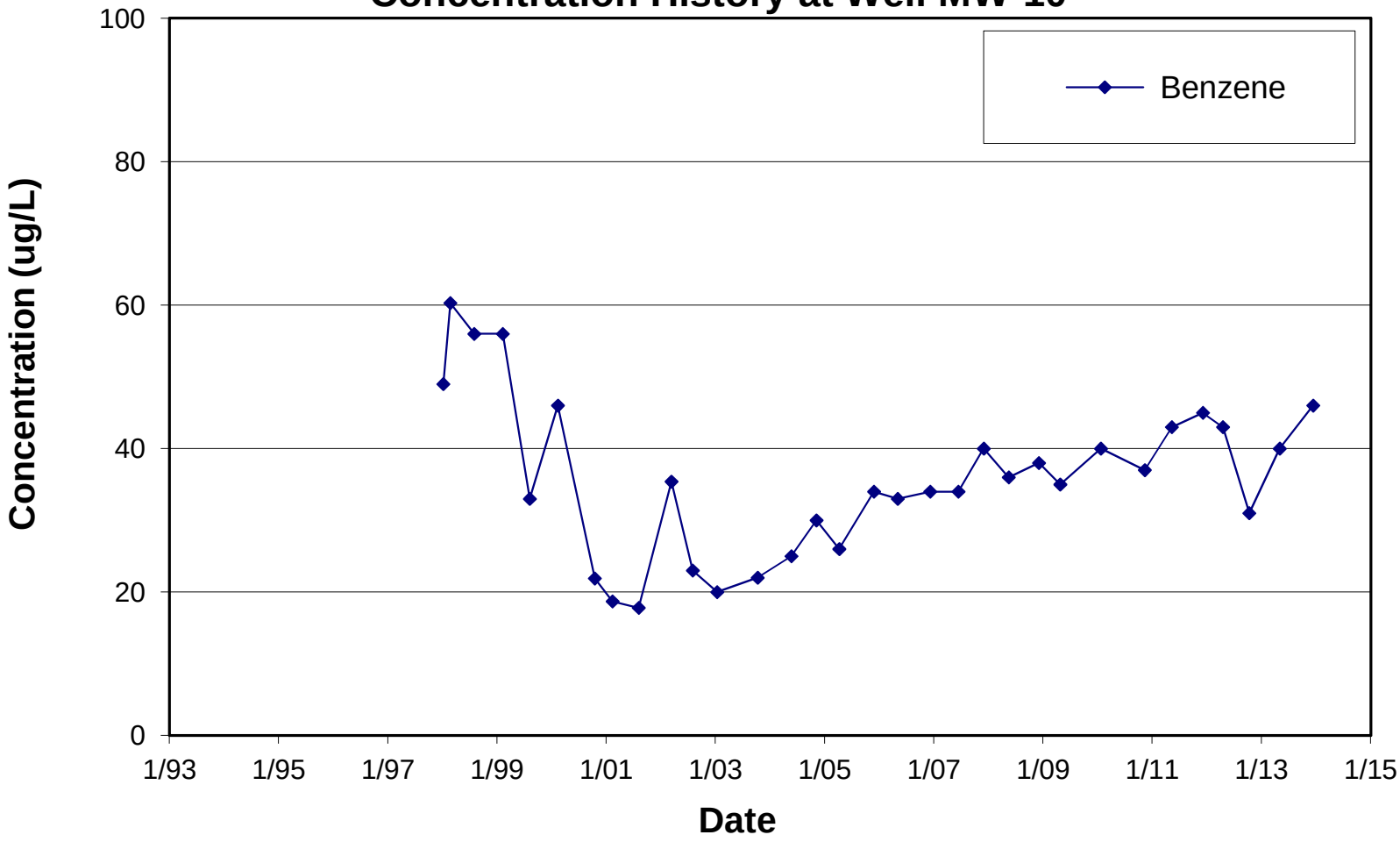


Figure 11

Bell Lake Remediation Site

Concentration History at Well MW-8

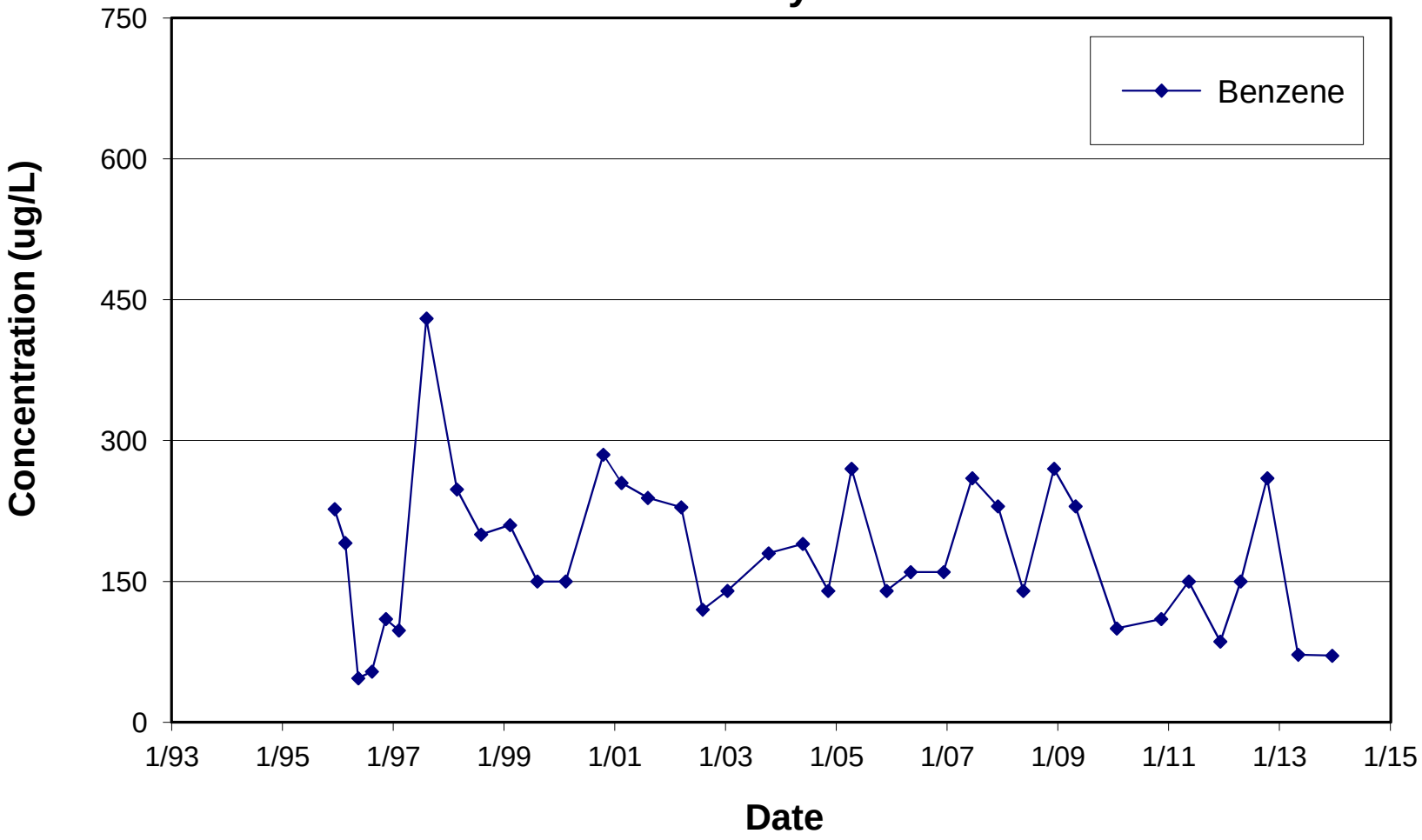


Figure 12

Bell Lake Remediation Site

Concentration History at Well MW-2

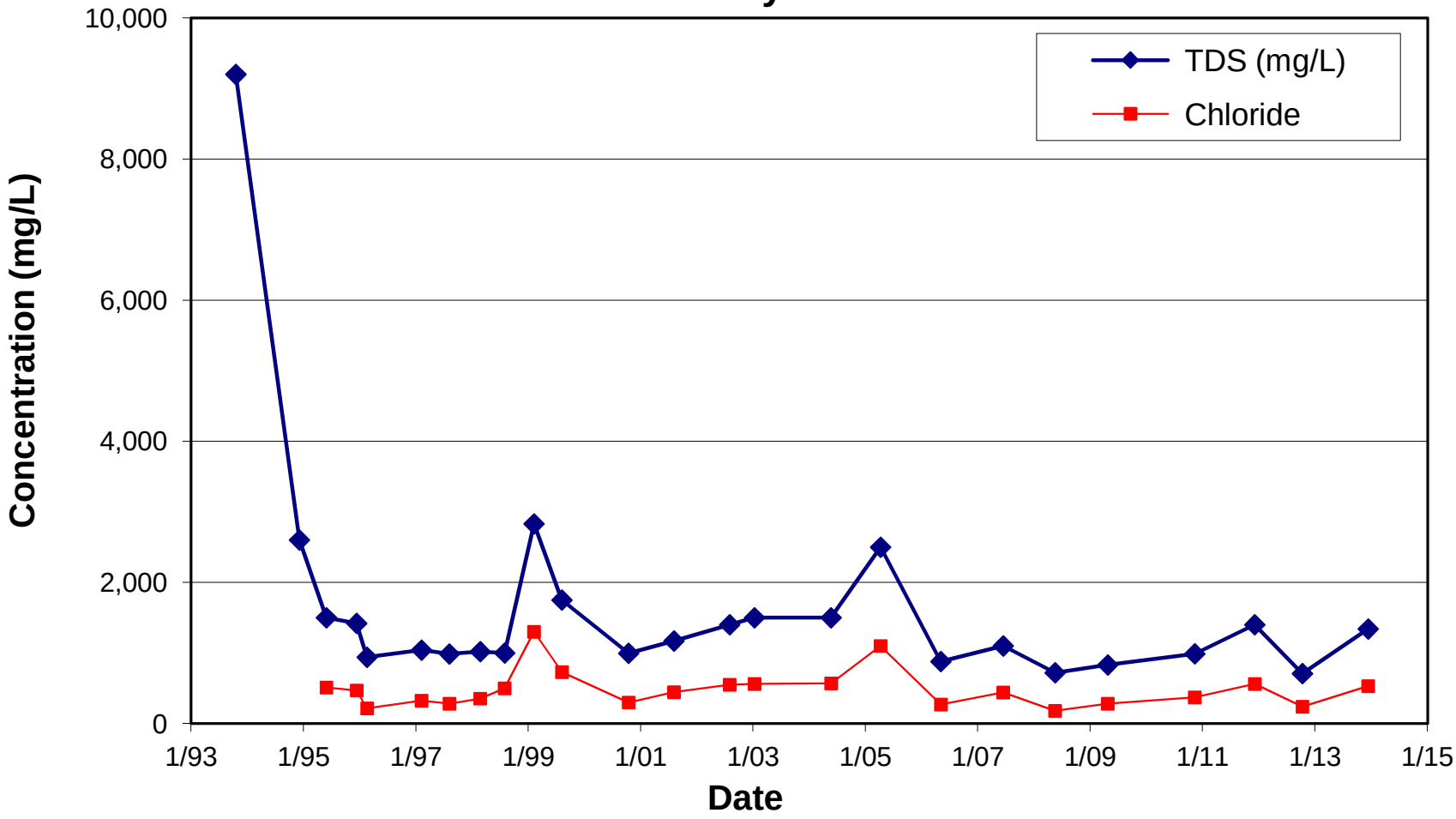
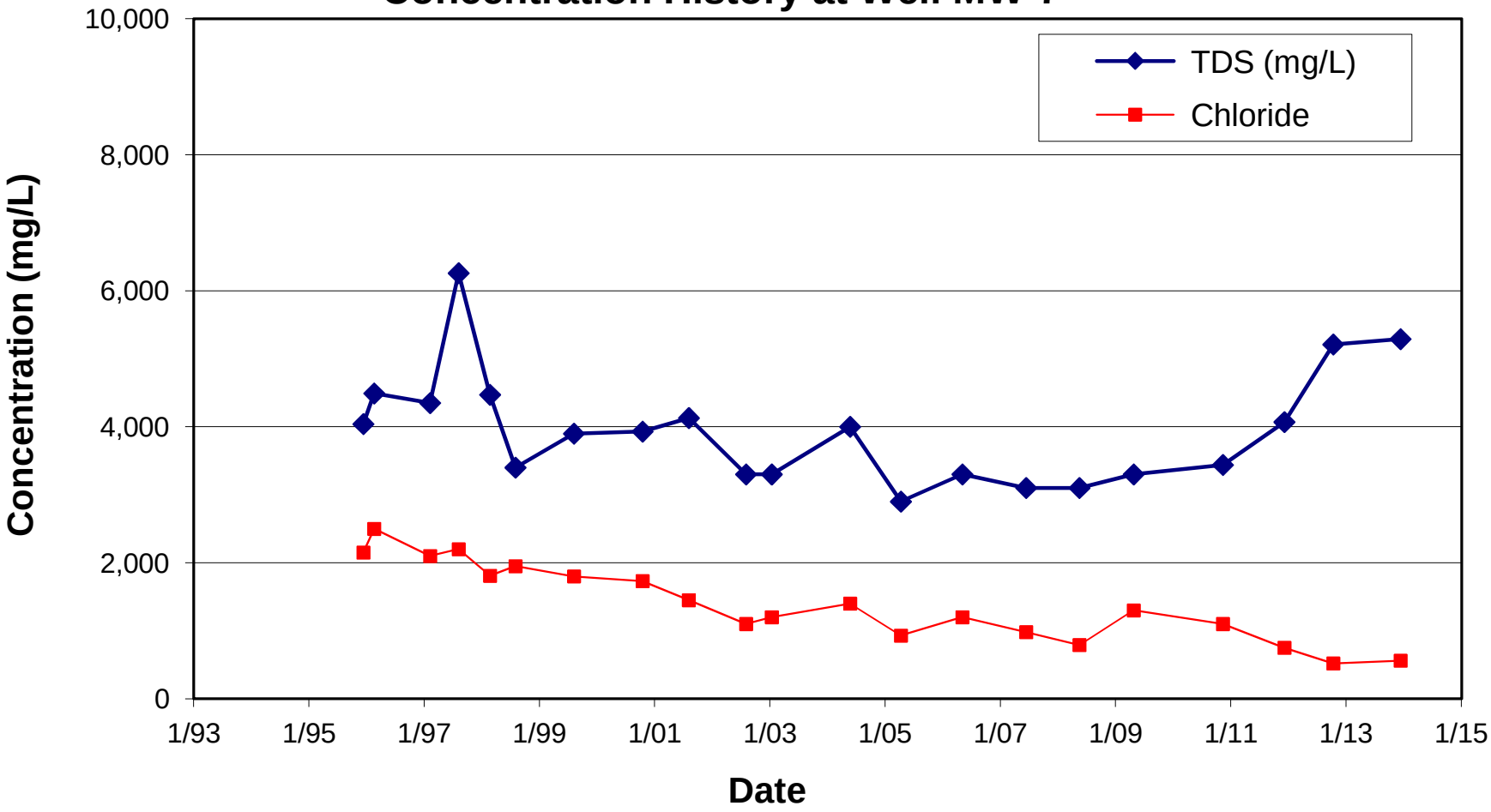


Figure 13

Bell Lake Remediation Site

Concentration History at Well MW-7



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
	05/07/13*		(a)	89.73	(a)	3545.64
	12/18/13*		(a)	89.73	(a)	3545.64

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*		(a)	88.53	(a)	3546.15
	02/14/00*	3634.68 (f)	(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
	05/07/13*		(a)	88.77	(a)	3545.91
	12/18/13*		(a)	88.86	(a)	3545.82

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)
MW-4 cont.	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
	05/07/13*		(a)	90.49	(a)	3546.55
	12/18/13*		(a)	90.53	(a)	3546.51

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-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
	05/07/13*		(a)	89.85	(a)	3545.46
	12/18/13*		(a)	89.88	(a)	3545.43

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
	05/07/13*		(a)	89.23	(a)	3545.43
	12/18/13*		(a)	89.25	(a)	3545.41

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-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
	05/07/13*		(a)	90.60	(a)	3545.40
	12/18/13*		(a)	90.62	(a)	3545.38

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
	05/07/13*		(a)	90.15	(a)	3545.15
	12/18/13*		(a)	90.21	(a)	3545.09

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-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
	05/07/13*		(a)	88.57	(a)	3545.01
	12/18/13*		(a)	88.62	(a)	3544.96

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
	05/07/13*		(a)	88.60	(a)	3544.64
	12/18/13*		(a)	88.67	(a)	3544.57

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)*
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
	05/07/13*		(a)	87.15	(a)	3544.41
	12/18/13*		(a)	87.21	(a)	3544.35

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
	05/07/13*		(a)	86.55	(a)	3544.06
	12/18/13*		(a)	86.58	(a)	3544.03

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
	05/07/13*		(a)	83.31	(a)	3543.66
	12/18/13*		(a)	83.36	(a)	3543.61
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
	05/07/13*		(a)	86.36	(a)	3545.07
	12/18/13*		(a)	86.39	(a)	3545.04

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
	05/07/13*		(a)	84.75	(a)	3544.25
	12/18/13*		(a)	84.79	(a)	3544.21
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
	05/07/13*		(a)	81.88	(a)	3543.99
	12/18/13*		(a)	81.91	(a)	3543.96

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)*
SVE-1 cont.	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
	05/07/13*		92.39	92.55	0.16	3545.80
	12/18/13*		92.4	92.71	0.31	3545.76

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
	05/07/13*		(a)	90.58	(a)	3546.95
	12/18/13*		(a)	90.63	(a)	3546.90

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)
SVE-3 cont.	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
	05/07/13*		(a)	91.68	(a)	3545.94
	12/18/13*		(a)	91.71	(a)	3545.91

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)*
SVE-4 cont.	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
	05/07/13*		(a)	90.88	(a)	3545.60
	12/18/13*		(a)	90.17	(a)	3546.31

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
	05/07/13*		(a)	90.10	(a)	3545.56
	12/18/13*		(a)	90.14	(a)	3545.52

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
	05/07/13*		(a)	90.68	(a)	3545.70
	12/18/13*		(a)	90.74	(a)	3545.64

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*		(a)	89.80	(a)	3546.21
	02/14/00*	3636.01 (f)	(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
	05/07/13*		(a)	90.10	(a)	3545.91
	12/18/13*		(a)	90.13	(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-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

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 cont.	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
	05/07/13*		92.04	92.07	0.03	3545.67
	12/18/13*		(a)	92.08	(a)	3545.64

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
	05/07/13*		(a)	92.21	(a)	3545.30
	12/18/13*		(a)	92.24	(a)	3545.27

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

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 cont.	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
	05/07/13*		(a)	91.94	(a)	3545.42
	12/18/13*		(a)	90.58	(a)	3546.78

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-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)*
SVE-11 cont.	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
	05/07/13*		(a)	90.73	(a)	3546.58
	12/18/13*		(a)	90.76	(a)	3546.55

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
	05/07/13*		(a)	90.62	(a)	3546.79
	12/18/13*		(a)	90.68	(a)	3546.73

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
	05/07/13*		(a)	91.62	(a)	3545.71
	12/18/13*		(a)	90.66	(a)	3546.67

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	3.4	< 1	< 1	< 2	2.82	7.87	21.1	5482
	12/19/13	-	6.0	1.1	< 1	< 2	2.35	7.50	20.1	4244

Table 2. Summary of Groundwater Analyses
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TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	9.1	5.0	< 1	2.4	2.01	7.84	20.3	1736
	12/18/13	-	9.5	5.0	< 1	3.8	1.35	8.02	18.5	1511

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	12/19/13	-	**12**	25	2.0	31	-	-	-	-

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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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/09/13	-	8.5	10	1.0	11	1.11	8.99	20.9	4866
	12/19/13	-	**14**	19	1.5	20	2.07	7.92	20.8	4994

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TW Bell Lake Gas Plant

Well	Sampling Date	TPH (ug/L)	BTEX (ug/L)				Field Measured Parameters			
			Benzene	Toluene	Ethylbenzene	Total xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/09/13	-	**24**	38	6.3	23	1.10	**10.03**	20.6	5952
	12/19/13	-	**25**	40	5.6	23	1.92	**8.13**	20.4	4741

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	< 1	< 1	< 1	< 2	1.77	6.76	21.6	6362
	12/18/13	-	< 1	< 1	< 1	< 2	2.45	6.45	19.9	6521

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/09/13	-	**72**	110	7.7	140	1.66	**9.74**	20.4	3374
	12/19/13	-	**71**	110	6.9	120	1.02	**9.49**	20.4	3587

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/09/13	-	**210**	9.8	24	**670**	1.04	7.47	20.8	11400
	12/19/13	-	**290**	16	25	**770**	1.26	7.58	19.9	9912

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/09/13	-	**40**	1.4	7.1	28	1.82	6.78	20.2	10220
	12/19/13	-	**46**	< 1.0	7.5	25	2.13	7.03	19.2	10000

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	**300**	< 10	24	**560**	1.37	6.76	20.6	11520
	12/19/13	-	**450**	< 5.0	36	**860**	2.01	6.85	19.6	11672

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	< 1	< 1	< 1	< 2	2.32	6.73	21.8	3725
	12/19/13	-	< 1	< 1	< 1	< 2	2.23	6.43	20.0	4144

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/07/13	-	< 1	< 1	< 1	< 2	2.21	6.15	20.7	4931
	12/19/13	-	< 1	< 1	< 1	< 2	2.38	6.37	20.0	4769
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
	05/09/13	-	< 1	< 1	< 1	< 2	2.93	6.46	20.4	2101
	12/19/13	-	< 1	< 1	< 1	< 2	2.90	6.66	20.0	2060

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/07/13	-	< 1	< 1	< 1	< 2	2.62	6.16	21.3	5085
	12/19/13	-	< 1	< 1	< 1	< 2	2.74	6.48	19.9	4877
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
	05/07/13	-	< 1	< 1	< 1	< 2	5.04	6.55	21.6	1859
	12/19/13	-	< 1	< 1	< 1	< 2	4.32	6.49	20.1	1783

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	< 1	< 1	< 1	< 2	-	-	-	-
	12/18/13	-	< 1	< 1	< 1	< 2	3.87	7.22	21.40	1346

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	2.8	< 1	< 1	< 2	1.97	8.12	22.6	1669
	12/18/13	-	3.2	< 1	< 1	< 2	1.20	7.25	21.7	1730

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	**330**	**990**	44	**1100**	2.25	**9.15**	23.2	10240
	12/18/13	-	**520**	**1500**	58	**1500**	1.70	**10.11**	21.6	15827

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	**89**	200	< 10	100	3.71	**9.94**	22.9	7227
	12/19/13	-	**210**	450	7.5	190	1.46	**10.26**	21.1	8607

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	-	**22**	4.0	< 1	6.7	1.77	8.43	21.4	5654
	12/19/13	-	**26**	5.3	< 1	7.3	2.22	**9.05**	20.1	8042

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 xylene	DO (mg/L)	pH (units)	Temp. (C)	Conductivity
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
	05/08/13	**-**	**250**	700	28	610	1.79	**10.45**	22.69	8397
	12/18/13	**-**	**310**	**880**	34	**760**	2.20	**9.93**	21.02	7240

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	-	-	-
	12/19/13	**3420**	-	**1700**	-	-	-	-	-	-	-	-	0.041	0.13	-	-	-	-	-	-	0.15	-	-	-

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	-	-	-
	12/19/13	**1340**	-	**530**	-	-	-	-	-	-	-	-	**0.10**	0.47	-	-	-	-	-	-	0.08	-	-	-

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**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/13	**1100**	-	220	-	-	-	-	-	-	-	-	0.045	0.58	-	-	-	-	-	-	0.088	-	-	-

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	-	-	-
	12/19/13	**2970**	-	**1200**	-	-	-	-	-	-	-	-	0.047	0.065	-	-	-	-	-	-	0.019	-	-	-

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	-	-	-
	12/19/13	**2940**	-	**1200**	-	-	-	-	-	-	-	-	0.032	0.17	-	-	-	-	-	-	0.0036	-	-	-

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**	-	-	-
	12/18/13	**5290**	-	**560**	-	-	-	-	-	-	-	-	< 0.020	0.088	-	-	-	-	-	-	**4.6**	-	-	-

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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	-	-	-
	12/19/13	**2000**	-	**490**	-	-	-	-	-	-	-	-	**0.15**	0.35	-	-	-	-	-	-	0.0081	-	-	-

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	-	-	-
	12/19/13	**6400**	-	**2800**	-	-	-	-	-	-	-	-	**0.66**	**5.6**	-	-	-	-	-	-	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-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**	-	-	-
	12/19/13	**6390**	-	**3000**	-	-	-	-	-	-	-	-	**0.20**	**12**	-	-	-	-	-	-	**0.62**	-	-	-

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**	-	-	-
	12/19/13	**7700**	-	**3800**	-	-	-	-	-	-	-	-	**0.82**	**4.9**	-	-	-	-	-	-	**1.1**	-	-	-

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	-	-	-
	12/19/13	**2800**	-	**1400**	-	-	-	-	-	-	-	-	< 0.020	0.88	-	-	-	-	-	-	0.090	-	-	-

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**	-	-	-
	12/19/13	**3270**	-	**1600**	-	-	-	-	-	-	-	-	< 0.020	0.55	-	-	-	-	-	-	**5.8**	-	-	-
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	-	-	-
	12/19/13	**1560**	-	140	-	-	-	-	-	-	-	-	< 0.020	0.080	-	-	-	-	-	-	0.070	-	-	-

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**	-	-	-
	12/19/13	**3220**	-	**1500**	-	-	-	-	-	-	-	-	< 0.020	0.41	-	-	-	-	-	-	**5.4**	-	-	-
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	-	-	-	-	-	-	< 0.020	-	-	-
	10/16/12	**1330**	-	210	-	-	-	-	-	-	-	-	< 0.020	0.068	-	-	-	-	-	-	0.0023	-	-	-
	12/19/13	**1360**	-	210	-	-	-	-	-	-	-	-	< 0.020	0.065	-	-	-	-	-	-	< 0.002	-	-	-

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	-	-	-
	12/18/13	880	-	110	-	-	-	-	-	-	-	-	< 0.020	0.020	-	-	-	-	-	-	0.011	-	-	-

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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	-	-	-
	12/18/13	**1170**	-	**400**	-	-	-	-	-	-	-	-	0.08	0.029	-	-	-	-	-	-	0.17	-	-	-
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	-	-	-
	12/18/13	**14200**	-	**3600**	-	-	-	-	-	-	-	-	**0.47**	**1.4**	-	-	-	-	-	-	0.0021	-	-	-

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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	-	-	-
	12/19/13	**8560**	-	**1900**	-	-	-	-	-	-	-	-	**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	-	-	-
	12/19/13	**5440**	-	**2400**	-	-	-	-	-	-	-	-	**0.14**	0.39	-	-	-	-	-	-	0.013	-	-	-

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	-	-	-
	12/18/13	**5510**	-	**1500**	-	-	-	-	-	-	-	-	**0.19**	0.26	-	-	-	-	-	-	0.0027	-	-	-

Notes:
(a) Nitrate + Nitrite

Appendix A

Laboratory Analytical Report

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

May 17, 2013

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 Plant OrderNo.: 1305427

Dear George Robinson:

Hall Environmental Analysis Laboratory received 23 sample(s) on 5/10/2013 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1305427**
Date Reported: **5/17/2013**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-16
Project: TWP Bell Lake Plant
Collection Date: 5/7/2013 3:35:00 PM
Lab ID: 1305427-001
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/14/2013 1:38:19 AM	R10583
Toluene	ND	1.0		µg/L	1	5/14/2013 1:38:19 AM	R10583
Ethylbenzene	ND	1.0		µg/L	1	5/14/2013 1:38:19 AM	R10583
Xylenes, Total	ND	2.0		µg/L	1	5/14/2013 1:38:19 AM	R10583
Surr: 4-Bromofluorobenzene	103	69.4-129		%REC	1	5/14/2013 1:38:19 AM	R10583

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-13
Project: TWP Bell Lake Plant
Collection Date: 5/7/2013 4:11:00 PM
Lab ID: 1305427-002 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/14/2013 3:09:14 AM	R10583
Toluene	ND	1.0		µg/L	1	5/14/2013 3:09:14 AM	R10583
Ethylbenzene	ND	1.0		µg/L	1	5/14/2013 3:09:14 AM	R10583
Xylenes, Total	ND	2.0		µg/L	1	5/14/2013 3:09:14 AM	R10583
Surr: 4-Bromofluorobenzene	106	69.4-129		%REC	1	5/14/2013 3:09:14 AM	R10583

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-15
Project: TWP Bell Lake Plant
Collection Date: 5/7/2013 4:46:00 PM
Lab ID: 1305427-003 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/14/2013 3:39:26 AM	R10583
Toluene	ND	1.0		µg/L	1	5/14/2013 3:39:26 AM	R10583
Ethylbenzene	ND	1.0		µg/L	1	5/14/2013 3:39:26 AM	R10583
Xylenes, Total	ND	2.0		µg/L	1	5/14/2013 3:39:26 AM	R10583
Surr: 4-Bromofluorobenzene	106	69.4-129		%REC	1	5/14/2013 3:39:26 AM	R10583

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-2
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 9:30:00 AM
Lab ID: 1305427-004 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	9.1	1.0		µg/L	1	5/14/2013 4:09:43 AM	R10583
Toluene	5.0	1.0		µg/L	1	5/14/2013 4:09:43 AM	R10583
Ethylbenzene	ND	1.0		µg/L	1	5/14/2013 4:09:43 AM	R10583
Xylenes, Total	2.4	2.0		µg/L	1	5/14/2013 4:09:43 AM	R10583
Surr: 4-Bromofluorobenzene	112	69.4-129		%REC	1	5/14/2013 4:09:43 AM	R10583

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-1
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 10:11:00 AM
Lab ID: 1305427-005
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	3.4	1.0		µg/L	1	5/14/2013 4:40:00 AM	R10583
Toluene	ND	1.0		µg/L	1	5/14/2013 4:40:00 AM	R10583
Ethylbenzene	ND	1.0		µg/L	1	5/14/2013 4:40:00 AM	R10583
Xylenes, Total	ND	2.0		µg/L	1	5/14/2013 4:40:00 AM	R10583
Surr: 4-Bromofluorobenzene	109	69.4-129		%REC	1	5/14/2013 4:40:00 AM	R10583

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-5
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 10:45:00 AM
Lab ID: 1305427-006 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	330	10	P	µg/L	10	5/14/2013 5:05:56 PM	R10613
Toluene	990	10	P	µg/L	10	5/14/2013 5:05:56 PM	R10613
Ethylbenzene	44	10	P	µg/L	10	5/14/2013 5:05:56 PM	R10613
Xylenes, Total	1100	20	P	µg/L	10	5/14/2013 5:05:56 PM	R10613
Surr: 4-Bromofluorobenzene	124	69.4-129	P	%REC	10	5/14/2013 5:05:56 PM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Project: TWP Bell Lake Plant
Lab ID: 1305427-007 **Matrix:** AQUEOUS

Client Sample ID: SVE-5 Duplicate
Collection Date: 5/8/2013 10:45:00 AM
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	360	10	P	µg/L	10	5/14/2013 7:37:32 PM	R10613
Toluene	1000	100	P	µg/L	100	5/14/2013 7:07:13 PM	R10613
Ethylbenzene	46	10	P	µg/L	10	5/14/2013 7:37:32 PM	R10613
Xylenes, Total	1200	20	P	µg/L	10	5/14/2013 7:37:32 PM	R10613
Surr: 4-Bromofluorobenzene	123	69.4-129	P	%REC	10	5/14/2013 7:37:32 PM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-6
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 11:25:00 AM
Lab ID: 1305427-008
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	89	10	P	µg/L	10	5/14/2013 10:39:08 PM	R10613
Toluene	200	10	P	µg/L	10	5/14/2013 10:39:08 PM	R10613
Ethylbenzene	ND	10	P	µg/L	10	5/14/2013 10:39:08 PM	R10613
Xylenes, Total	100	20	P	µg/L	10	5/14/2013 10:39:08 PM	R10613
Surr: 4-Bromofluorobenzene	115	69.4-129	P	%REC	10	5/14/2013 10:39:08 PM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-7
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 12:15:00 PM
Lab ID: 1305427-009
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	22	1.0		µg/L	1	5/14/2013 11:09:36 PM	R10613
Toluene	4.0	1.0		µg/L	1	5/14/2013 11:09:36 PM	R10613
Ethylbenzene	ND	1.0		µg/L	1	5/14/2013 11:09:36 PM	R10613
Xylenes, Total	6.7	2.0		µg/L	1	5/14/2013 11:09:36 PM	R10613
Surr: 4-Bromofluorobenzene	107	69.4-129		%REC	1	5/14/2013 11:09:36 PM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-11
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 1:06:00 PM
Lab ID: 1305427-010 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	250	10		µg/L	10	5/14/2013 11:40:02 PM	R10613
Toluene	700	10		µg/L	10	5/14/2013 11:40:02 PM	R10613
Ethylbenzene	28	10		µg/L	10	5/14/2013 11:40:02 PM	R10613
Xylenes, Total	610	20		µg/L	10	5/14/2013 11:40:02 PM	R10613
Surr: 4-Bromofluorobenzene	115	69.4-129		%REC	10	5/14/2013 11:40:02 PM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-2
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 1:57:00 PM
Lab ID: 1305427-011
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	2.8	1.0		µg/L	1	5/15/2013 12:10:21 AM	R10613
Toluene	ND	1.0		µg/L	1	5/15/2013 12:10:21 AM	R10613
Ethylbenzene	ND	1.0		µg/L	1	5/15/2013 12:10:21 AM	R10613
Xylenes, Total	ND	2.0		µg/L	1	5/15/2013 12:10:21 AM	R10613
Surr: 4-Bromofluorobenzene	102	69.4-129		%REC	1	5/15/2013 12:10:21 AM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: Water Well
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 2:50:00 PM
Lab ID: 1305427-012
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/15/2013 12:40:38 AM	R10613
Toluene	ND	1.0		µg/L	1	5/15/2013 12:40:38 AM	R10613
Ethylbenzene	ND	1.0		µg/L	1	5/15/2013 12:40:38 AM	R10613
Xylenes, Total	ND	2.0		µg/L	1	5/15/2013 12:40:38 AM	R10613
Surr: 4-Bromofluorobenzene	95.8	69.4-129		%REC	1	5/15/2013 12:40:38 AM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-7
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 2:45:00 PM
Lab ID: 1305427-013
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/15/2013 1:10:54 AM	R10613
Toluene	ND	1.0		µg/L	1	5/15/2013 1:10:54 AM	R10613
Ethylbenzene	ND	1.0		µg/L	1	5/15/2013 1:10:54 AM	R10613
Xylenes, Total	ND	2.0		µg/L	1	5/15/2013 1:10:54 AM	R10613
Surr: 4-Bromofluorobenzene	94.9	69.4-129		%REC	1	5/15/2013 1:10:54 AM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-12
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 3:45:00 PM
Lab ID: 1305427-014
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/15/2013 1:41:03 AM	R10613
Toluene	ND	1.0		µg/L	1	5/15/2013 1:41:03 AM	R10613
Ethylbenzene	ND	1.0		µg/L	1	5/15/2013 1:41:03 AM	R10613
Xylenes, Total	ND	2.0		µg/L	1	5/15/2013 1:41:03 AM	R10613
Surr: 4-Bromofluorobenzene	94.6	69.4-129		%REC	1	5/15/2013 1:41:03 AM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-11
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 4:30:00 PM
Lab ID: 1305427-015 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	300	10		µg/L	10	5/15/2013 2:11:08 AM	R10613
Toluene	ND	10		µg/L	10	5/15/2013 2:11:08 AM	R10613
Ethylbenzene	24	10		µg/L	10	5/15/2013 2:11:08 AM	R10613
Xylenes, Total	560	20		µg/L	10	5/15/2013 2:11:08 AM	R10613
Surr: 4-Bromofluorobenzene	98.9	69.4-129		%REC	10	5/15/2013 2:11:08 AM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-11 Duplicate
Project: TWP Bell Lake Plant
Collection Date: 5/8/2013 4:30:00 PM
Lab ID: 1305427-016 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	320	10		µg/L	10	5/15/2013 2:41:25 AM	R10613
Toluene	ND	10		µg/L	10	5/15/2013 2:41:25 AM	R10613
Ethylbenzene	25	10		µg/L	10	5/15/2013 2:41:25 AM	R10613
Xylenes, Total	560	20		µg/L	10	5/15/2013 2:41:25 AM	R10613
Surr: 4-Bromofluorobenzene	100	69.4-129		%REC	10	5/15/2013 2:41:25 AM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-14
Project: TWP Bell Lake Plant
Collection Date: 5/9/2013 6:55:00 AM
Lab ID: 1305427-017
Matrix: AQUEOUS
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/15/2013 3:11:34 AM	R10613
Toluene	ND	1.0		µg/L	1	5/15/2013 3:11:34 AM	R10613
Ethylbenzene	ND	1.0		µg/L	1	5/15/2013 3:11:34 AM	R10613
Xylenes, Total	ND	2.0		µg/L	1	5/15/2013 3:11:34 AM	R10613
Surr: 4-Bromofluorobenzene	95.7	69.4-129		%REC	1	5/15/2013 3:11:34 AM	R10613

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-8
Project: TWP Bell Lake Plant
Collection Date: 5/9/2013 7:26:00 AM
Lab ID: 1305427-018 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	72	5.0		µg/L	5	5/15/2013 12:01:05 PM	R10655
Toluene	110	5.0		µg/L	5	5/15/2013 12:01:05 PM	R10655
Ethylbenzene	7.7	5.0		µg/L	5	5/15/2013 12:01:05 PM	R10655
Xylenes, Total	140	10		µg/L	5	5/15/2013 12:01:05 PM	R10655
Surr: 4-Bromofluorobenzene	114	69.4-129		%REC	5	5/15/2013 12:01:05 PM	R10655

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-5
Project: TWP Bell Lake Plant
Collection Date: 5/9/2013 9:25:00 AM
Lab ID: 1305427-019 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	8.5	1.0		µg/L	1	5/15/2013 2:02:09 PM	R10655
Toluene	10	1.0		µg/L	1	5/15/2013 2:02:09 PM	R10655
Ethylbenzene	1.0	1.0		µg/L	1	5/15/2013 2:02:09 PM	R10655
Xylenes, Total	11	2.0		µg/L	1	5/15/2013 2:02:09 PM	R10655
Surr: 4-Bromofluorobenzene	107	69.4-129		%REC	1	5/15/2013 2:02:09 PM	R10655

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-6
Project: TWP Bell Lake Plant
Collection Date: 5/9/2013 8:40:00 AM
Lab ID: 1305427-020 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	24	1.0		µg/L	1	5/15/2013 2:32:23 PM	R10655
Toluene	38	1.0		µg/L	1	5/15/2013 2:32:23 PM	R10655
Ethylbenzene	6.3	1.0		µg/L	1	5/15/2013 2:32:23 PM	R10655
Xylenes, Total	23	2.0		µg/L	1	5/15/2013 2:32:23 PM	R10655
Surr: 4-Bromofluorobenzene	116	69.4-129		%REC	1	5/15/2013 2:32:23 PM	R10655

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-9
Project: TWP Bell Lake Plant
Collection Date: 5/9/2013 9:25:00 AM
Lab ID: 1305427-021 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	210	5.0		µg/L	5	5/15/2013 3:02:40 PM	R10655
Toluene	9.8	5.0		µg/L	5	5/15/2013 3:02:40 PM	R10655
Ethylbenzene	24	5.0		µg/L	5	5/15/2013 3:02:40 PM	R10655
Xylenes, Total	670	10		µg/L	5	5/15/2013 3:02:40 PM	R10655
Surr: 4-Bromofluorobenzene	114	69.4-129		%REC	5	5/15/2013 3:02:40 PM	R10655

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-10
Project: TWP Bell Lake Plant
Collection Date: 5/9/2013 10:10:00 AM
Lab ID: 1305427-022 **Matrix:** AQUEOUS **Received Date:** 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	40	1.0		µg/L	1	5/15/2013 3:33:03 PM	R10655
Toluene	1.4	1.0		µg/L	1	5/15/2013 3:33:03 PM	R10655
Ethylbenzene	7.1	1.0		µg/L	1	5/15/2013 3:33:03 PM	R10655
Xylenes, Total	28	2.0		µg/L	1	5/15/2013 3:33:03 PM	R10655
Surr: 4-Bromofluorobenzene	118	69.4-129		%REC	1	5/15/2013 3:33:03 PM	R10655

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: Trip Blank
Project: TWP Bell Lake Plant
Collection Date:
Lab ID: 1305427-023
Matrix: TRIP BLANK
Received Date: 5/10/2013 12:55:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	1.0		µg/L	1	5/15/2013 4:03:34 PM	R10655
Toluene	ND	1.0		µg/L	1	5/15/2013 4:03:34 PM	R10655
Ethylbenzene	ND	1.0		µg/L	1	5/15/2013 4:03:34 PM	R10655
Xylenes, Total	ND	2.0		µg/L	1	5/15/2013 4:03:34 PM	R10655
Surr: 4-Bromofluorobenzene	100	69.4-129		%REC	1	5/15/2013 4:03:34 PM	R10655

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1305427**

17-May-13

Client: Cypress Engineering
Project: TWP Bell Lake Plant

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R10583**	RunNo: **10583**
Prep Date:	Analysis Date: **5/13/2013**	SeqNo: **299295** 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	21		20.00		103	69.4	129			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R10583**	RunNo: **10583**
Prep Date:	Analysis Date: **5/13/2013**	SeqNo: **299296** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.7	80	120			
Toluene	20	1.0	20.00	0	99.6	80	120			
Ethylbenzene	20	1.0	20.00	0	99.3	80	120			
Xylenes, Total	61	2.0	60.00	0	102	80	120			
Surr: 4-Bromofluorobenzene	22		20.00		108	69.4	129			

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R10613**	RunNo: **10613**
Prep Date:	Analysis Date: **5/14/2013**	SeqNo: **300025** 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		100	69.4	129			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R10613**	RunNo: **10613**
Prep Date:	Analysis Date: **5/14/2013**	SeqNo: **300026** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.6	80	120			
Toluene	19	1.0	20.00	0	97.4	80	120			
Ethylbenzene	19	1.0	20.00	0	96.7	80	120			
Xylenes, Total	59	2.0	60.00	0	99.0	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		106	69.4	129			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1305427**

17-May-13

Client: Cypress Engineering

Project: TWP Bell Lake Plant

Sample ID	**5ML RB**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**				
Client ID:	**PBW**	Batch ID:	**R10655**	RunNo:	**10655**				
Prep Date:		Analysis Date:	**5/15/2013**	SeqNo:	**301072**	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	21		20.00		104	69.4	129			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	Sample pH greater than 2 for VOA and TOC only.	R	RPD outside accepted recovery limits
RL	Reporting Detection Limit	S	Spike Recovery outside accepted recovery limits

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: CYP | Work Order Number: 1305427 | RcptNo: 1

Received by/date: MG 05/10/13

Logged By: **Lindsay Mangin** 5/10/2013 12:55:00 PM

Completed By: **Lindsay Mangin** 5/10/2013 1:37:57 PM

Reviewed By: IO 05/10/2013

Chain of Custody

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

Log In

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

16. 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: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

Chain-of-Custody Record

Client: Cypress Engineering Services Inc
ATTN: George Robinson, PE
Mailing Address: 11777 Highway 6 North, Ste 102
Houston TX 77095
Phone #: 281-797-3420
email or Fax#: george.robinson@cypressinc.us
QA/QC Package: Cypressinc.us
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____
Project Name: TWP Bell Lake Plant
Project #: 1ST Semi-Annual GW Monitoring 2013
Project Manager: George Robinson, PE
Sampler: CM Barnhill, PE
On Ice: ☒ Yes ☐ No
Sample Temperature: 1.0

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

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1305427
5/07/13	1535	H_2O	MW-16	3x40mL Vials	HCl	-001
5/07/13	1611	H_2O	MW-13			-002
5/07/13	1646	H_2O	MW-15			-003
5/06/13	0930	H_2O	MW-2			-004
5/06/13	10:11	H_2O	MW-1			-005
5/06/13	10:45	H_2O	SVE-5			-006
5/06/13	10:45	H_2O	SVE-5 Duplicate			-007
5/06/13	11:25	H_2O	SVE-6			-008
5/06/13	12:15	H_2O	SVE-7			-009
5/06/13	13:06	H_2O	SVE-11			-010
5/06/13	13:57	H_2O	SVE-2			-011
5/06/13	14:50	H_2O	Water Well			-012

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	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)
											X BTEX 8021B				

Date:	Time:	Relinquished by:	Received by:	Date	Time
5/09/13	1400			5/10/13	12:55
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Any Questions Please Call George Robinson 281.797.3420

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.

Page 1 of 2

Chain-of-Custody Record

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: Cypress Engineering Services Inc

ATTN: George Robinson PE

Mailing Address: 11777 Highway 6 North Ste 102 Houston, TX 77095

Phone #: 281.797.3420

email or Fax#: george.robinson@cypressinc.us

QA/QC Package: Cypressinc.us

☑ Standard ☐ Level 4 (Full Validation)

Accreditation ☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time: ☑ Standard ☐ Rush _____

Project Name: TWP Bell Lake Plant

Project #: 1st Semi-Annual GW Monitoring 2013

Project Manager: George Robinson, PE

Sampler: CM Barnhill, PE

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.0

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1305127
5/08/13	1445	H2O	MW-7	5x 40mL VOAs	HCl	-013
5/08/13	1545	H2O	MW-12			-014
5/08/13	1630	H2O	MW-11			-015
5/08/13	1630	H2O	MW-11 Duplicate			-016
5/09/13	0655	H2O	MW-14			-017
5/09/13	0726	H2O	MW-8			-018
5/09/13	0805	H2O	MW-5			-019
5/09/13	0840	H2O	MW-6			-020
5/09/13	0925	H2O	MW-9			-021
5/09/13	10:10	H2O	MW-10			-022
			Trip Blank	1x 40mL VOA	HCl	-023

Analysis Request															
BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	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)
										X	BTEX 8021B				N

Date:	Time:	Relinquished by:	Received by:	Date	Time
5/09/13	1400			05/10/13	12:55
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Any Questions Please Call George.Robinson@cypressinc.us 281.797.3420

* Trip Blank arrived from HEAL

1 VOA was broken * 2 other VOA's were broken in shipment

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

January 13, 2014

George Robinson

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

RE: Transwestern Pipeline Co Bell Lake OrderNo.: 1312A82

Dear George Robinson:

Hall Environmental Analysis Laboratory received 24 sample(s) on 12/23/2013 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. In order to properly interpret your results it is imperative that you review this report in its entirety. 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. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. 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.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1312A82**
Date Reported: **1/13/2014**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-5
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/18/2013 3:20:00 PM
Lab ID: 1312A82-001
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	520	10	P	µg/L	10	12/26/2013 11:43:02 PM	R15749
Toluene	1500	50	P	µg/L	50	12/27/2013 1:06:32 PM	R15759
Ethylbenzene	58	10	P	µg/L	10	12/26/2013 11:43:02 PM	R15749
Xylenes, Total	1500	20	P	µg/L	10	12/26/2013 11:43:02 PM	R15749
Surr: 4-Bromofluorobenzene	166	85-136	SP	%REC	10	12/26/2013 11:43:02 PM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	3600	250		mg/L	500	12/27/2013 9:39:02 PM	R15794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.47	0.020		mg/L	1	1/3/2014 8:22:19 AM	R15876
Barium	1.4	0.10		mg/L	5	1/3/2014 8:24:43 AM	R15876
Manganese	0.0021	0.0020		mg/L	1	12/31/2013 2:41:30 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	14200	200	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-11
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/18/2013 4:21:00 PM
Lab ID: 1312A82-002
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	310	10	P	µg/L	10	12/27/2013 12:13:17 AM	R15749
Toluene	880	10	P	µg/L	10	12/27/2013 12:13:17 AM	R15749
Ethylbenzene	34	10	P	µg/L	10	12/27/2013 12:13:17 AM	R15749
Xylenes, Total	760	20	P	µg/L	10	12/27/2013 12:13:17 AM	R15749
Surr: 4-Bromofluorobenzene	124	85-136	P	%REC	10	12/27/2013 12:13:17 AM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1500	50		mg/L	100	12/23/2013 6:38:22 PM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.19	0.020		mg/L	1	1/3/2014 8:27:05 AM	R15876
Barium	0.26	0.020		mg/L	1	12/31/2013 2:44:21 PM	R15825
Manganese	0.0027	0.0020		mg/L	1	12/31/2013 2:44:21 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	5510	40.0	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-11 DUP
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/18/2013 4:21:00 PM
Lab ID: 1312A82-003
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	320	10		µg/L	10	12/27/2013 12:43:34 AM	R15749
Toluene	910	10		µg/L	10	12/27/2013 12:43:34 AM	R15749
Ethylbenzene	34	10		µg/L	10	12/27/2013 12:43:34 AM	R15749
Xylenes, Total	760	20		µg/L	10	12/27/2013 12:43:34 AM	R15749
Surr: 4-Bromofluorobenzene	120	85-136		%REC	10	12/27/2013 12:43:34 AM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1600	50		mg/L	100	12/23/2013 7:03:11 PM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.19	0.020		mg/L	1	1/3/2014 8:29:29 AM	R15876
Barium	0.26	0.020		mg/L	1	12/31/2013 2:47:12 PM	R15825
Manganese	0.0027	0.0020		mg/L	1	12/31/2013 2:47:12 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	5680	40.0	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-2
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 9:27:00 AM
Lab ID: 1312A82-004
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	9.5	1.0		µg/L	1	12/27/2013 1:13:44 AM	R15749
Toluene	5.0	1.0		µg/L	1	12/27/2013 1:13:44 AM	R15749
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 1:13:44 AM	R15749
Xylenes, Total	3.8	2.0		µg/L	1	12/27/2013 1:13:44 AM	R15749
Surr: 4-Bromofluorobenzene	98.9	85-136		%REC	1	12/27/2013 1:13:44 AM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	530	50		mg/L	100	12/23/2013 7:28:01 PM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.10	0.020		mg/L	1	1/3/2014 8:31:53 AM	R15876
Barium	0.47	0.020		mg/L	1	12/31/2013 2:50:01 PM	R15825
Manganese	0.076	0.0020		mg/L	1	12/31/2013 2:50:01 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1340	200	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-1
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 11:45:00 AM
Lab ID: 1312A82-005
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	6.0	1.0		µg/L	1	12/27/2013 1:43:51 AM	R15749
Toluene	1.1	1.0		µg/L	1	12/27/2013 1:43:51 AM	R15749
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 1:43:51 AM	R15749
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 1:43:51 AM	R15749
Surr: 4-Bromofluorobenzene	94.7	85-136		%REC	1	12/27/2013 1:43:51 AM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1700	50		mg/L	100	12/23/2013 7:52:50 PM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.041	0.020		mg/L	1	1/3/2014 8:38:57 AM	R15876
Barium	0.13	0.020		mg/L	1	12/31/2013 2:59:08 PM	R15825
Manganese	0.15	0.0020		mg/L	1	12/31/2013 2:59:08 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3420	40.0	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-7
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 11:00:00 AM
Lab ID: 1312A82-006
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	26	1.0		µg/L	1	12/27/2013 2:13:53 AM	R15749
Toluene	5.3	1.0		µg/L	1	12/27/2013 2:13:53 AM	R15749
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 2:13:53 AM	R15749
Xylenes, Total	7.3	2.0		µg/L	1	12/27/2013 2:13:53 AM	R15749
Surr: 4-Bromofluorobenzene	104	85-136		%REC	1	12/27/2013 2:13:53 AM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	2400	100		mg/L	200	12/27/2013 9:51:26 PM	R15794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.14	0.020		mg/L	1	1/3/2014 8:45:28 AM	R15876
Barium	0.39	0.020		mg/L	1	12/31/2013 3:02:08 PM	R15825
Manganese	0.013	0.0020		mg/L	1	12/31/2013 3:02:08 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	5440	200	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-6
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 12:25:00 PM
Lab ID: 1312A82-007
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	210	5.0	P	µg/L	5	12/27/2013 2:44:02 AM	R15749
Toluene	450	5.0	P	µg/L	5	12/27/2013 2:44:02 AM	R15749
Ethylbenzene	7.5	5.0	P	µg/L	5	12/27/2013 2:44:02 AM	R15749
Xylenes, Total	190	10	P	µg/L	5	12/27/2013 2:44:02 AM	R15749
Surr: 4-Bromofluorobenzene	140	85-136	SP	%REC	5	12/27/2013 2:44:02 AM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1900	50		mg/L	100	12/23/2013 9:07:19 PM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.26	0.020		mg/L	1	1/3/2014 8:47:49 AM	R15876
Barium	0.17	0.020		mg/L	1	12/31/2013 3:05:00 PM	R15825
Manganese	ND	0.0020		mg/L	1	12/31/2013 3:05:00 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	8560	100	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-8
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 1:40:00 PM
Lab ID: 1312A82-008
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	71	5.0		µg/L	5	12/27/2013 3:14:23 AM	R15749
Toluene	110	5.0		µg/L	5	12/27/2013 3:14:23 AM	R15749
Ethylbenzene	6.9	5.0		µg/L	5	12/27/2013 3:14:23 AM	R15749
Xylenes, Total	120	10		µg/L	5	12/27/2013 3:14:23 AM	R15749
Surr: 4-Bromofluorobenzene	110	85-136		%REC	5	12/27/2013 3:14:23 AM	R15749
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	490	50		mg/L	100	12/23/2013 9:32:08 PM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.15	0.020		mg/L	1	1/3/2014 8:50:09 AM	R15876
Barium	0.35	0.020		mg/L	1	12/31/2013 3:18:10 PM	R15825
Manganese	0.0081	0.0020		mg/L	1	12/31/2013 3:18:10 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	2000	100	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-9
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 2:36:00 PM
Lab ID: 1312A82-009
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	290	5.0		µg/L	5	12/27/2013 1:36:53 PM	R15759
Toluene	16	5.0		µg/L	5	12/27/2013 1:36:53 PM	R15759
Ethylbenzene	25	5.0		µg/L	5	12/27/2013 1:36:53 PM	R15759
Xylenes, Total	770	10		µg/L	5	12/27/2013 1:36:53 PM	R15759
Surr: 4-Bromofluorobenzene	108	85-136		%REC	5	12/27/2013 1:36:53 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	2800	100		mg/L	200	12/27/2013 10:03:51 PM	R15794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.66	0.020		mg/L	1	1/3/2014 8:52:32 AM	R15876
Barium	5.6	0.20		mg/L	10	1/3/2014 8:54:54 AM	R15876
Manganese	0.021	0.0020		mg/L	1	12/31/2013 3:20:54 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	6400	100	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-10
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 3:45:00 PM
Lab ID: 1312A82-010
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	46	1.0		µg/L	1	12/27/2013 3:37:53 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 3:37:53 PM	R15759
Ethylbenzene	7.5	1.0		µg/L	1	12/27/2013 3:37:53 PM	R15759
Xylenes, Total	25	2.0		µg/L	1	12/27/2013 3:37:53 PM	R15759
Surr: 4-Bromofluorobenzene	114	85-136		%REC	1	12/27/2013 3:37:53 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	3000	250		mg/L	500	12/27/2013 10:41:05 PM	R15794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.20	0.020		mg/L	1	1/3/2014 8:57:17 AM	R15876
Barium	12	0.40		mg/L	20	1/3/2014 8:59:46 AM	R15876
Manganese	0.62	0.0020		mg/L	1	12/31/2013 3:23:30 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	6390	100	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-11
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 4:50:00 PM
Lab ID: 1312A82-011
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	450	5.0		µg/L	5	12/27/2013 4:08:09 PM	R15759
Toluene	ND	5.0		µg/L	5	12/27/2013 4:08:09 PM	R15759
Ethylbenzene	36	5.0		µg/L	5	12/27/2013 4:08:09 PM	R15759
Xylenes, Total	860	10		µg/L	5	12/27/2013 4:08:09 PM	R15759
Surr: 4-Bromofluorobenzene	107	85-136		%REC	5	12/27/2013 4:08:09 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	3800	250		mg/L	500	12/27/2013 10:53:30 PM	R15794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.82	0.020		mg/L	1	1/3/2014 9:02:07 AM	R15876
Barium	4.9	0.20		mg/L	10	1/3/2014 9:04:29 AM	R15876
Manganese	1.1	0.020		mg/L	10	1/3/2014 9:04:29 AM	R15876
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	7700	200	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-11 DUP
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 4:50:00 PM
Lab ID: 1312A82-012
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	480	10		µg/L	10	12/30/2013 12:48:34 PM	R15810
Toluene	ND	5.0		µg/L	5	12/27/2013 4:38:17 PM	R15759
Ethylbenzene	40	5.0		µg/L	5	12/27/2013 4:38:17 PM	R15759
Xylenes, Total	980	10		µg/L	5	12/27/2013 4:38:17 PM	R15759
Surr: 4-Bromofluorobenzene	112	85-136		%REC	5	12/27/2013 4:38:17 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	3600	250		mg/L	500	12/27/2013 11:05:55 PM	R15794
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.85	0.020		mg/L	1	1/3/2014 9:06:52 AM	R15876
Barium	4.9	0.20		mg/L	10	1/3/2014 9:13:24 AM	R15876
Manganese	0.99	0.0020		mg/L	1	1/3/2014 9:06:52 AM	R15876
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	7800	200	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-7
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/18/2013 3:55:00 PM
Lab ID: 1312A82-013
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/27/2013 5:08:30 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 5:08:30 PM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 5:08:30 PM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 5:08:30 PM	R15759
Surr: 4-Bromofluorobenzene	94.8	85-136		%REC	1	12/27/2013 5:08:30 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	560	50		mg/L	100	12/24/2013 12:01:05 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	ND	0.020		mg/L	1	1/3/2014 9:15:46 AM	R15876
Barium	0.088	0.020		mg/L	1	12/31/2013 3:31:42 PM	R15825
Manganese	4.6	0.020		mg/L	10	1/3/2014 9:18:08 AM	R15876
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	5290	100	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: WATER WELL
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/18/2013 4:10:00 PM
Lab ID: 1312A82-014
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/27/2013 5:38:34 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 5:38:34 PM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 5:38:34 PM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 5:38:34 PM	R15759
Surr: 4-Bromofluorobenzene	94.6	85-136		%REC	1	12/27/2013 5:38:34 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	110	10		mg/L	20	12/24/2013 12:25:54 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	ND	0.020		mg/L	1	1/3/2014 9:20:29 AM	R15876
Barium	0.020	0.020		mg/L	1	12/31/2013 3:34:32 PM	R15825
Manganese	0.011	0.0020		mg/L	1	12/31/2013 3:34:32 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	880	20.0	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: SVE-2
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/18/2013 4:50:00 PM
Lab ID: 1312A82-015
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	3.2	1.0		µg/L	1	12/27/2013 6:08:44 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 6:08:44 PM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 6:08:44 PM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 6:08:44 PM	R15759
Surr: 4-Bromofluorobenzene	91.5	85-136		%REC	1	12/27/2013 6:08:44 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	400	50		mg/L	100	12/24/2013 12:50:44 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.081	0.020		mg/L	1	1/3/2014 9:22:49 AM	R15876
Barium	0.029	0.020		mg/L	1	12/31/2013 3:37:14 PM	R15825
Manganese	0.17	0.0020		mg/L	1	12/31/2013 3:37:14 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1170	40.0	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-4
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 4:00:00 PM
Lab ID: 1312A82-016
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	12	1.0		µg/L	1	12/30/2013 1:18:43 PM	R15810
Toluene	25	1.0		µg/L	1	12/30/2013 1:18:43 PM	R15810
Ethylbenzene	2.0	1.0		µg/L	1	12/30/2013 1:18:43 PM	R15810
Xylenes, Total	31	2.0		µg/L	1	12/30/2013 1:18:43 PM	R15810
Surr: 4-Bromofluorobenzene	109	85-136		%REC	1	12/30/2013 1:18:43 PM	R15810
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	220	50		mg/L	100	12/24/2013 1:40:22 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	0.045	0.020		mg/L	1	1/3/2014 9:25:12 AM	R15876
Barium	0.58	0.020		mg/L	1	12/31/2013 3:39:55 PM	R15825
Manganese	0.088	0.0020		mg/L	1	12/31/2013 3:39:55 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1100	200	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-14
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 9:45:00 AM
Lab ID: 1312A82-017
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/27/2013 7:09:13 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 7:09:13 PM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 7:09:13 PM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 7:09:13 PM	R15759
Surr: 4-Bromofluorobenzene	91.8	85-136		%REC	1	12/27/2013 7:09:13 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	140	5.0		mg/L	10	12/24/2013 1:52:47 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **ELS**	
Arsenic	ND	0.020		mg/L	1	1/3/2014 9:27:36 AM	R15876
Barium	0.080	0.020		mg/L	1	12/31/2013 3:42:40 PM	R15825
Manganese	0.070	0.0020		mg/L	1	12/31/2013 3:42:40 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1560	40.0	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-5
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 11:00:00 AM
Lab ID: 1312A82-018
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	14	1.0		µg/L	1	12/27/2013 9:39:59 PM	R15759
Toluene	19	1.0		µg/L	1	12/27/2013 9:39:59 PM	R15759
Ethylbenzene	1.5	1.0		µg/L	1	12/27/2013 9:39:59 PM	R15759
Xylenes, Total	20	2.0		µg/L	1	12/27/2013 9:39:59 PM	R15759
Surr: 4-Bromofluorobenzene	109	85-136		%REC	1	12/27/2013 9:39:59 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1200	50		mg/L	100	12/24/2013 2:30:02 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JLF**	
Arsenic	0.047	0.020		mg/L	1	12/31/2013 3:53:59 PM	R15825
Barium	0.065	0.020		mg/L	1	12/31/2013 3:53:59 PM	R15825
Manganese	0.019	0.0020		mg/L	1	12/31/2013 3:53:59 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	2970	40.0	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-6
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 11:45:00 AM
Lab ID: 1312A82-019
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	25	1.0		µg/L	1	12/27/2013 10:10:02 PM	R15759
Toluene	40	1.0		µg/L	1	12/27/2013 10:10:02 PM	R15759
Ethylbenzene	5.6	1.0		µg/L	1	12/27/2013 10:10:02 PM	R15759
Xylenes, Total	23	2.0		µg/L	1	12/27/2013 10:10:02 PM	R15759
Surr: 4-Bromofluorobenzene	112	85-136		%REC	1	12/27/2013 10:10:02 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1200	50		mg/L	100	12/24/2013 4:34:08 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JLF**	
Arsenic	0.032	0.020		mg/L	1	12/31/2013 3:56:47 PM	R15825
Barium	0.17	0.020		mg/L	1	12/31/2013 3:56:47 PM	R15825
Manganese	0.0036	0.0020		mg/L	1	12/31/2013 3:56:47 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	2940	200	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-16
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 1:25:00 PM
Lab ID: 1312A82-020
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/27/2013 10:40:21 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 10:40:21 PM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 10:40:21 PM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 10:40:21 PM	R15759
Surr: 4-Bromofluorobenzene	100	85-136		%REC	1	12/27/2013 10:40:21 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	210	50		mg/L	100	12/24/2013 4:58:57 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JLF**	
Arsenic	ND	0.020		mg/L	1	12/31/2013 3:59:52 PM	R15825
Barium	0.065	0.020		mg/L	1	12/31/2013 3:59:52 PM	R15825
Manganese	ND	0.0020		mg/L	1	12/31/2013 3:59:52 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1360	100	*	mg/L	1	12/25/2013 12:22:00 PM	10968

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-13
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 2:10:00 PM
Lab ID: 1312A82-021
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/27/2013 11:10:32 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 11:10:32 PM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 11:10:32 PM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 11:10:32 PM	R15759
Surr: 4-Bromofluorobenzene	104	85-136		%REC	1	12/27/2013 11:10:32 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1600	50		mg/L	100	12/24/2013 5:23:46 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JLF**	
Arsenic	ND	0.020		mg/L	1	12/31/2013 4:02:33 PM	R15825
Barium	0.55	0.10		mg/L	5	1/3/2014 9:29:59 AM	R15876
Manganese	5.8	0.020		mg/L	10	1/3/2014 9:43:31 AM	R15876
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3270	40.0	*	mg/L	1	12/27/2013 10:29:00 AM	10984

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-15
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 2:50:00 PM
Lab ID: 1312A82-022
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/27/2013 11:40:35 PM	R15759
Toluene	ND	1.0		µg/L	1	12/27/2013 11:40:35 PM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/27/2013 11:40:35 PM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/27/2013 11:40:35 PM	R15759
Surr: 4-Bromofluorobenzene	105	85-136		%REC	1	12/27/2013 11:40:35 PM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **JRR**	
Chloride	1500	50		mg/L	100	12/24/2013 5:48:35 AM	R15737
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JLF**	
Arsenic	ND	0.020		mg/L	1	12/31/2013 4:10:47 PM	R15825
Barium	0.41	0.020		mg/L	1	12/31/2013 4:10:47 PM	R15825
Manganese	5.4	0.020		mg/L	10	1/3/2014 9:41:07 AM	R15876
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3220	100	*	mg/L	1	12/27/2013 10:29:00 AM	10984

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: MW-12
Project: Transwestern Pipeline Co Bell Lake
Collection Date: 12/19/2013 3:30:00 PM
Lab ID: 1312A82-023
Matrix: AQUEOUS
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/28/2013 12:10:55 AM	R15759
Toluene	ND	1.0		µg/L	1	12/28/2013 12:10:55 AM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/28/2013 12:10:55 AM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/28/2013 12:10:55 AM	R15759
Surr: 4-Bromofluorobenzene	103	85-136		%REC	1	12/28/2013 12:10:55 AM	R15759
EPA METHOD 300.0: ANIONS						Analyst: **SRM**	
Chloride	1400	50		mg/L	100	12/23/2013 9:03:00 PM	R15706
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **JLF**	
Arsenic	ND	0.020		mg/L	1	12/31/2013 4:13:36 PM	R15825
Barium	0.88	0.020		mg/L	1	12/31/2013 4:13:36 PM	R15825
Manganese	0.090	0.0020		mg/L	1	12/31/2013 4:13:36 PM	R15825
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	2800	40.0	*	mg/L	1	12/27/2013 10:29:00 AM	10984

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Cypress Engineering
Client Sample ID: Trip Blank
Project: Transwestern Pipeline Co Bell Lake
Collection Date:
Lab ID: 1312A82-024
Matrix: TRIP BLANK
Received Date: 12/23/2013 10:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	12/28/2013 12:41:06 AM	R15759
Toluene	ND	1.0		µg/L	1	12/28/2013 12:41:06 AM	R15759
Ethylbenzene	ND	1.0		µg/L	1	12/28/2013 12:41:06 AM	R15759
Xylenes, Total	ND	2.0		µg/L	1	12/28/2013 12:41:06 AM	R15759
Surr: 4-Bromofluorobenzene	101	85-136		%REC	1	12/28/2013 12:41:06 AM	R15759

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452922** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	12	0.50	12.00	0	103	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452933** 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	93.3	90	110			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452935** 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: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452936** 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	95.8	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452945** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.8	0.50	8.000	0	96.9	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452957** 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	93.6	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- 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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452969** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.6	0.50	8.000	0	95.2	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/23/2013**	SeqNo: **452981** 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	93.6	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/24/2013**	SeqNo: **452993** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.7	0.50	8.000	0	96.3	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/24/2013**	SeqNo: **453005** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.4	90	110			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/24/2013**	SeqNo: **453007** 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: **R15706**	RunNo: **15706**
Prep Date:	Analysis Date: **12/24/2013**	SeqNo: **453008** 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	95.0	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- 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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID	**A5**	SampType:	**CCV_5**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15706**		RunNo:	**15706**				
Prep Date:		Analysis Date:	**12/24/2013**		SeqNo:	**453017**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.8	0.50	8.000	0	97.3	90	110			

Sample ID	**A4**	SampType:	**CCV_4**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15706**		RunNo:	**15706**				
Prep Date:		Analysis Date:	**12/24/2013**		SeqNo:	**453027**	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	95.0	90	110			

Sample ID	**A5**	SampType:	**CCV_5**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/23/2013**		SeqNo:	**454269**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.8	0.50	8.000	0	97.5	90	110			

Sample ID	**MB**	SampType:	**MBLK**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**PBW**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/23/2013**		SeqNo:	**454272**	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:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/23/2013**		SeqNo:	**454273**	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	95.9	90	110			

Sample ID	**A4**	SampType:	**CCV_4**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/23/2013**		SeqNo:	**454282**	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	94.4	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- 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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID	**A5**	SampType:	**CCV_5**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/23/2013**		SeqNo:	**454294**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.8	0.50	8.000	0	97.7	90	110			

Sample ID	**A6**	SampType:	**CCV_6**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/23/2013**		SeqNo:	**454306**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	12	0.50	12.00	0	103	90	110			

Sample ID	**A4**	SampType:	**CCV_4**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/24/2013**		SeqNo:	**454318**	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	93.7	90	110			

Sample ID	**MB**	SampType:	**MBLK**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**PBW**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/24/2013**		SeqNo:	**454326**	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:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/24/2013**		SeqNo:	**454327**	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	95.8	90	110			

Sample ID	**A5**	SampType:	**CCV_5**		TestCode:	**EPA Method 300.0: Anions**				
Client ID:	**BatchQC**	Batch ID:	**R15737**		RunNo:	**15737**				
Prep Date:		Analysis Date:	**12/24/2013**		SeqNo:	**454330**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.8	0.50	8.000	0	97.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- 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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R15737**	RunNo: **15737**							
Prep Date:	Analysis Date: **12/24/2013**	SeqNo: **454342**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	12	0.50	12.00	0	102	90	110			

Sample ID **A6**	SampType: **CCV_6**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**							
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455808**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	12	0.50	12.00	0	102	90	110			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **PBW**	Batch ID: **R15794**	RunNo: **15794**							
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455810**	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: **R15794**	RunNo: **15794**							
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455811**	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	93.6	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**							
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455820**	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	94.8	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**							
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455832**	Units: **mg/L**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.8	0.50	8.000	0	97.8	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- 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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455844** 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	94.8	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455883** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.8	0.50	8.000	0	96.9	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**
Prep Date:	Analysis Date: **12/28/2013**	SeqNo: **455895** 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	93.1	90	110			

Sample ID **A5**	SampType: **CCV_5**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**
Prep Date:	Analysis Date: **12/28/2013**	SeqNo: **455907** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	7.7	0.50	8.000	0	96.8	90	110			

Sample ID **A4**	SampType: **CCV_4**	TestCode: **EPA Method 300.0: Anions**
Client ID: **BatchQC**	Batch ID: **R15794**	RunNo: **15794**
Prep Date:	Analysis Date: **12/28/2013**	SeqNo: **455915** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.6	0.50	5.000	0	92.2	90	110			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- 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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R15749**	RunNo: **15749**
Prep Date:	Analysis Date: **12/26/2013**	SeqNo: **454731** 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		101	85	136			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R15749**	RunNo: **15749**
Prep Date:	Analysis Date: **12/26/2013**	SeqNo: **454732** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	103	80	120			
Toluene	21	1.0	20.00	0	103	80	120			
Ethylbenzene	20	1.0	20.00	0	101	80	120			
Xylenes, Total	61	2.0	60.00	0	101	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		103	85	136			

Sample ID **5ML RB**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBW**	Batch ID: **R15759**	RunNo: **15759**
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455640** 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	18		20.00		88.3	85	136			

Sample ID **100NG BTEX LCS**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSW**	Batch ID: **R15759**	RunNo: **15759**
Prep Date:	Analysis Date: **12/27/2013**	SeqNo: **455641** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.2	80	120			
Toluene	20	1.0	20.00	0	98.8	80	120			
Ethylbenzene	19	1.0	20.00	0	96.2	80	120			
Xylenes, Total	60	2.0	60.00	0	99.7	80	120			
Surr: 4-Bromofluorobenzene	17		20.00		85.2	85	136			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- 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
- P Sample pH greater than 2 for VOA and TOC only.
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID	**5ML RB**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBW**	Batch ID:	**R15810**	RunNo:	**15810**					
Prep Date:		Analysis Date:	**12/30/2013**	SeqNo:	**456386**	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		97.4	85	136			

Sample ID	**100NG BTEX LCS**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSW**	Batch ID:	**R15810**	RunNo:	**15810**					
Prep Date:		Analysis Date:	**12/30/2013**	SeqNo:	**456387**	Units:	**µg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	111	80	120			
Toluene	22	1.0	20.00	0	111	80	120			
Ethylbenzene	21	1.0	20.00	0	107	80	120			
Xylenes, Total	66	2.0	60.00	0	109	80	120			
Surr: 4-Bromofluorobenzene	21		20.00		105	85	136			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R15825**	RunNo: **15825**
Prep Date:	Analysis Date: **12/31/2013**	SeqNo: **456625** 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: **R15825**	RunNo: **15825**
Prep Date:	Analysis Date: **12/31/2013**	SeqNo: **456626** 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	103	80	120			
Barium	0.49	0.020	0.5000	0	98.8	80	120			
Manganese	0.48	0.0020	0.5000	0	96.5	80	120			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R15825**	RunNo: **15825**
Prep Date:	Analysis Date: **12/31/2013**	SeqNo: **456627** 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: **R15825**	RunNo: **15825**
Prep Date:	Analysis Date: **12/31/2013**	SeqNo: **456628** 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	0.50	0.020	0.5000	0	99.5	80	120			
Manganese	0.49	0.0020	0.5000	0	97.5	80	120			

Sample ID **MB**	SampType: **MBLK**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **PBW**	Batch ID: **R15876**	RunNo: **15876**
Prep Date:	Analysis Date: **1/3/2014**	SeqNo: **457944** 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								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID **LCS**	SampType: **LCS**	TestCode: **EPA Method 6010B: Dissolved Metals**
Client ID: **LCSW**	Batch ID: **R15876**	RunNo: **15876**
Prep Date:	Analysis Date: **1/3/2014**	SeqNo: **457945** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.51	0.020	0.5000	0	102	80	120			
Barium	0.49	0.020	0.5000	0	98.5	80	120			
Manganese	0.48	0.0020	0.5000	0	96.5	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1312A82**

13-Jan-14

Client: Cypress Engineering

Project: Transwestern Pipeline Co Bell Lake

Sample ID	**MB-10968**	SampType:	**MBLK**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**PBW**	Batch ID:	**10968**		RunNo:	**15720**				
Prep Date:	**12/23/2013**	Analysis Date:	**12/25/2013**		SeqNo:	**453592**	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-10968**	SampType:	**LCS**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**LCSW**	Batch ID:	**10968**		RunNo:	**15720**				
Prep Date:	**12/23/2013**	Analysis Date:	**12/25/2013**		SeqNo:	**453593**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Sample ID	**MB-10984**	SampType:	**MBLK**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**PBW**	Batch ID:	**10984**		RunNo:	**15756**				
Prep Date:	**12/25/2013**	Analysis Date:	**12/27/2013**		SeqNo:	**454897**	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-10984**	SampType:	**LCS**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**LCSW**	Batch ID:	**10984**		RunNo:	**15756**				
Prep Date:	**12/25/2013**	Analysis Date:	**12/27/2013**		SeqNo:	**454898**	Units:	**mg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1020	20.0	1000	0	102	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
O	RSD is greater than RSDlimit	P	Sample pH greater than 2 for VOA and TOC only.
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: CYP   Work Order Number: 1312A82   RcptNo: 1

Received by/date: LM 12/23/13

Logged By: **Michelle Garcia** 12/23/2013 10:30:00 AM *Michelle Garcia*

Completed By: **Michelle Garcia** 12/23/2013 1:24:34 PM *Michelle Garcia*

Reviewed By: [signature] 12/23/13

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Courier

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? ~~Yes ☑~~ No ☑
9. Was preservative added to bottles? Yes ☑ ~~No ☑~~ NA ☐

METALS ANALYSIS: ADDED mL HNO3 TO -001C, D: AND 0.4mL HNO3 TO -002C, -007C FOR ACCEPTABLE pH -001A, -002A, -003A =

10. VOA vials have zero headspace? ~~Yes ☑~~ No ☑ No VOA Vials ☐ ALL VOA'S HAVE HEADSPACE
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
(Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
(If no, notify customer for authorization.)

# of preserved bottles checked for pH: 23
(<2 or >12 unless noted)
Adjusted? ~~NO~~ YES
Checked by: [signature] 12/23

Special Handling (if applicable)

16. 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:			

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.1	Good	Yes			

Client: Cypress Engineering Services
7171 Hwy 6 North Ste 201
Mailing Address: Houston TX 77095

Phone #: 281.797.3420
email or Fax#:

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

☒ Standard ☐ Rush
Project Name: Transwestern Pipeline Co Bell Lake
Project #: TWP Bell Lake
Project Manager: George Robinson
Sampler: Sandy Sharp / Clay Brandell
On Ice: ☒ Yes ☐ No
Sample Temperature: 1.1

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1312A82	BTEX + ~~MTBE + TMB's~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	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)	Dissolved Metals As Ba Mn	TDS, Cl			Air Bubbles (Y or N)
/18/13	1520	W	SVE-5	3 1/40ml 1/125 1/250	HCl HNO3 Ø	001	X											X	X			
/18/13	1621	"	SVE-11	"	"	002	"											"	"			
"	1621	"	SVE-11 DUP	"	"	003	"											"	"			
/9/13	0927	"	MW-2	"	"	004	"											"	"			
"	1145	"	MW-1	"	"	005	"											"	"			
"	1100	"	SVE-7	"	"	006	"											"	"			
"	1225	"	SVE-6	"	"	007	"											"	"			
"	1340	"	MW-8	"	"	008	"											"	"			
"	1436	"	MW-9	"	"	009	"											"	"			
"	1545	"	MW-10	"	"	010	"											"	"			
"	1650	"	MW-11	"	"	011	"											"	"			
"	1650	"	MW-11 DUP	"	"	012	"											X	X			

Date: /2/13 Time: 1000 Relinquished by: [signature]
Received by: [signature] Date 12/23/13 Time 1030

Date: Time: Relinquished by:
Received by: Date Time

Remarks:

Client: Cypress Engineering Services
7171 Hwy 6 North 201
Mailing Address: Houston, TX 77095
Phone #: 281.797.3421
email or Fax#:
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

☒ Standard ☐ Rush
Project Name: Transwestern Pipeline Co
Bell Lake
Project #: TWP - Bell Lake
Project Manager: George Robinson
Sampler: Sandy Sharp / Clay Brenwill
On Ice: ☒ Yes ☐ No
Sample Temperature: 1.1

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1312482	BTEX + ~~MTBE + TMB's~~ (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	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)	Dissolved Metals As Ba Mn	TDS, Cl			Air Bubbles (Y or N)
12/18/13	1555	W	MW-7	3/40ml 1/125 250	HCl HNO3	013	X											X	X			
"	1610		WATER WELL			014																
"	1650		SVE-2			015																
12/19/13	1600		MW-4			016																
	0945		MW-14			017																
	1100		MW-5			018																
	1145		MW-6			019																
	1325		MW-16			020																
	1410		MW-13			021																
	1450		MW-15			022																
	1530		MW-12			023												X	X			
—	—	W	TRIP BLANK	2/40ml	HCl	024	X															

Date: 12/22/13 Time: 1000 Relinquished by: [illegible signature]
Received by: [illegible signature] Date 12/23/13 Time 1030

Date: Time: Relinquished by:
Received by: Date Time

Remarks:

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.