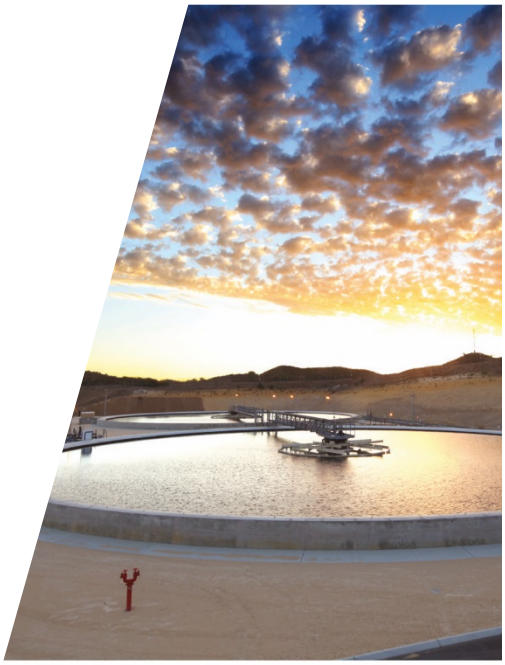
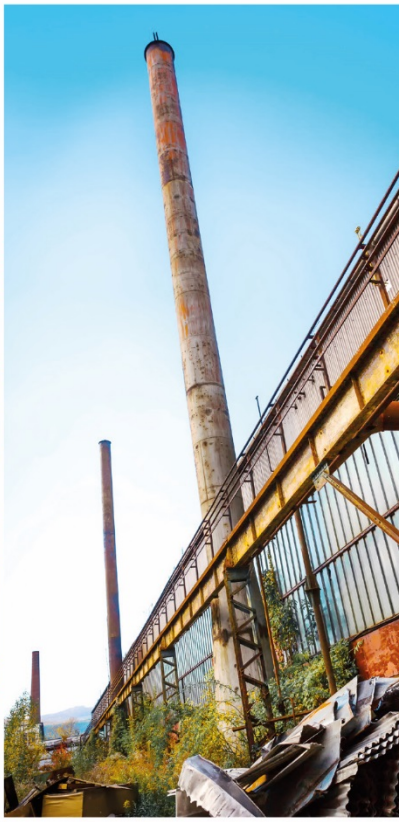


2019 Annual Groundwater Monitoring Report

Bell Lake Gas Plant
Lea County, New Mexico
AP-120

Transwestern Pipeline Company



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1. Introduction

This report discusses field activities performed by GHD Services Inc. in 2019 at the Transwestern Pipeline Company, LLC. (Transwestern) Bell Lake Gas Plant (Site). The compressor station is owned and operated by DCP Midstream; however, groundwater remediation activities remain the responsibility of Transwestern. Lands located adjacent to the Site are owned by the State of New Mexico (State Land Office). The Site is regulated by the New Mexico Oil Conservation Division (NMOCD) under Abatement Plan AP-120.

The Site is located approximately 21 miles northwest of Jal, New Mexico. The legal description is Section 1, Township 24 South, Range 33 East in Lea County, New Mexico (**Figure 1**). Geographical coordinates for the Site are 32°14'55.59" North and 103°31'17.59" West. Site details can be seen on **Figure 2**.

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. 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 benzene, toluene, ethylbenzene, total xylenes (BTEX), total dissolved solids (TDS), and chloride.

A soil vapor extraction (SVE) system with three SVE wells was placed in service at the Site in June 1996. The original system was expanded by four wells in 1997 and again by six wells in 1999. Recovery of light, non-aqueous phase liquid (LNAPL) took place in SVE wells between 1998 and 2008.

SVE system monitoring results indicated that the volatile organic compound content in extracted vapor declined from an initial high of 4,000 micrograms per liter (µg/L) in January 1998 to a low of 140 µg/L in October 2012. As a result, operation of the SVE system was discontinued in October 2012.

Throughout the history of the Site, a total of 21 monitoring wells (MW) have existed. Most recently five monitoring wells were installed in February 2017. MW-17, MW-18, MW-19, MW-20R and MW-21 were installed to depths ranging from approximately 90 to 95 feet below ground surface (ft bgs). The new monitoring wells were incorporated into the semiannual groundwater monitoring program.

Semiannual groundwater monitoring continued at the Site in May and November 2019. Additionally a pumping test was performed during July 2019. Both groundwater monitoring and the pumping test results are discussed further in this report.

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 observed at a total depth of 104 ft bgs in boring MW-3. This clay is likely the basal confining layer for the shallow, unconfined perched aquifer encountered below the subject property.

The perched groundwater zone is present at the Site at approximately 90 ft bgs. 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 Site, has historically provided water for use at the Site and for cattle grazing. This well was completed in 1967 to a total depth of 659 ft, and is screened from 550 to 659 ft bgs. Historical analytical results from samples collected from the on-Site supply well do not indicate migration of BTEX constituents into this water bearing zone.

2. Groundwater Monitoring Summary, Methodology, and Analytical Results

2.1 Groundwater Monitoring Summary

Groundwater monitoring events were performed in May and November 2019. An oil/water interface probe was used to measure depth to groundwater and check for the presence of LNAPL. Before and after each use, the oil/water interface probe was cleaned with an Alconox®/deionized water solution and rinsed with deionized water. The groundwater elevation measurements from the November 2019 event were lost in an equipment malfunction so Site fluid levels were subsequently re-gauged in January 2020. Groundwater gauging data and elevations for the Site are in **Table 1**.

Based on the May 2019 and January 2020 gauging data, groundwater flow is towards the southeast and is consistent with historical records. The groundwater gradient was calculated to be approximately 0.002 ft per foot for both of the semiannual events. The May 2019 and January 2020 groundwater potentiometric surface maps are presented as **Figure 3** and **Figure 4**, respectively.

Groundwater samples were collected from MW-2, MW-6, MW-9, MW-12 through MW-21 SVE-3, SVE-5, SVE-6, and the supply well during both events in 2019. A sample was also collected from MW-10 during the May 2019 event.

2.2 Groundwater Monitoring Methodology

Prior to collection of groundwater samples, water was purged from Site wells with a low flow bladder pump until field parameters, including pH, temperature, oxidation reduction potential, and conductivity stabilized and logged via the In-Situ low flow logger. Field parameters were monitored using an In-Situ SmarTroll multi-parameter groundwater quality meter during both sampling events. Field data observed from each event were logged and recorded and are summarized in **Table 2**.

Following purging, groundwater samples were collected through dedicated polyethylene tubing attached to the low flow bladder pump. After each well, the pump was disassembled and was

cleaned with an Alconox and deionized water solution followed by a deionized water rinse. The disposable polyethylene bladder was removed after each well and a new bladder was attached to the cleaned pump prior to sampling the next well.

Once groundwater was collected from each sampling location, the samples were labeled, placed on ice, and stored for submittal to Hall Environmental Analysis Laboratory (HEAL) for analyses of BTEX by Environmental Protection Agency (EPA) Method 8260, TDS by Standard Method 2540C, and for chloride by EPA Method 300.0. A summary of analytical results and field measured groundwater quality parameters is presented in **Table 2**. The corresponding laboratory analytical reports are included in **Appendix A**.

2.3 Groundwater Monitoring Analytical 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 events are discussed below:

- *Benzene*: The NMWQCC groundwater standard for benzene is 5 micrograms per liter (µg/L). During the May and November 2019 monitoring events, groundwater samples collected from four wells (MW-6, MW-9, SVE-5, and SVE-6) contained benzene at concentrations exceeding 5 µg/L with concentrations ranging from 6.7 to 150 µg/L in May 2019 and 7.8 to 300 µg/L in November 2019. MW-10 exceeded the standard during the May 2019 event at 12 µg/L and SVE-3 met the standard during November 2019 with a concentrations of 5.0 µg/L.
- *Total Xylenes*: The NMWQCC groundwater standard for total xylenes is 620 µg/L. SVE-5 contained xylenes at a concentration of 630 µg/L during the November 2019 monitoring event, exceeding the groundwater standard.
- *TDS*: The NMWQCC groundwater standard for TDS is 1,000 milligrams per liter (mg/L). During the May 2019 monitoring event, groundwater samples collected from 12 of the 18 sampled monitoring wells were found to contain TDS at concentrations exceeding 1,000 mg/L with concentrations ranging from 1,190 to 8,180 mg/L. During the November 2019 monitoring event, groundwater samples collected from 11 of the 17 wells were found to contain TDS at concentrations exceeding 1,000 mg/L with concentrations ranging from 1,090 to 9,270 mg/L.
- *Chloride*: The NMWQCC groundwater standard for chloride is 250 mg/L. During the May 2019 monitoring event, groundwater samples collected from 11 of the 18 wells sampled contained chloride at concentrations exceeding 250 mg/L with concentrations ranging from 310 to 3,200 mg/L. During the November 2019 monitoring event, groundwater samples collected from 11 of the 17 wells sampled exceeded the NMWQCC standard with concentrations ranging from 270 to 2,900 mg/L.

A summary of the historical groundwater laboratory analytical results is presented in **Table 2**. Results for benzene, TDS, and chloride are also presented on **Figure 5**. The May and November 2019 laboratory analytical reports are included as **Appendix A**.

3. Pumping Test

The pumping event performed in 2019 was completed to determine if the low yield observed from SVE-9 in 2017 was consistent across the Site. An electrical submersible pump was utilized to induce drawdown in MW-5 from 9:00AM July 29 through 1:00PM July 30, 2019 and MW-21 from 7:45PM July 30 through 12AM August 1, 2019 for a total of 28 hours of continuous pumping from each well. Changes in depth to water were logged continuously in both wells via In-Situ transducers in order to ensure adequate fluid for pumping was maintained. Flow rates varied from approximately 0.60 gallons per minute (gpm) to 0.80 gpm for MW-5 and from approximately 0.80 gpm to 0.95 gpm for MW-21. The flow rate of the pump fluctuated depending upon the controller voltage and groundwater head above the pump within in the well. As fluid levels decreased within the well, the voltage resistance decreased, slightly increasing flow. Flow rates were adjusted as precisely as possible considering these constraints; however, neither a consistent flow rate nor water level were maintained throughout the event. An attempt was made to keep the flow rate as high as possible while still maintaining fluid in the well, achieving as close to an equilibrium as possible. Even though a consistent flow rate or water level was not achieved, the flow rate still averaged above 0.5 gpm in both MW-5 and MW-21 for the duration of the pumping event.

A previous pumping event in 2017 ran for approximately three days on well SVE-9 and provided data that suggested the pumping rate from that well could not be sustained at a rate greater than 0.20 gpm. It was uncertain if a flow rate below 0.2 gpm would be sustainable over a longer period of time. With pumping rates of 0.60 to 0.95 gpm from the 2019 pumping event, it does not look like the low yield from SVE-9 from 2017 is indicative of Site-wide conditions. At a rate of 0.5 gpm or greater it is likely that a pump and holding tank could be utilized to supply adequate water for minimal consumptive use.

4. Conclusions and 2020 Recommendations

4.1 Conclusions

Based on the above-referenced information, GHD makes the following conclusions:

- Groundwater elevations and analytical results from May and November 2019 groundwater monitoring events were consistent with historical data trends.
- Samples collected from most Site monitoring wells exceeded the NMWQCC standard for both chloride and TDS. Benzene was also above NMWQCC standards in five wells during both the May and November 2019 monitoring events. Total xylenes exceeded the NMWQCC standard in one well during November 2019.
- Chloride and TDS impacts in groundwater are note delineated to the south, southeast, and east and will look to address in 2021.

4.2 2020 Recommendations

Based on the above conclusions, GHD recommends the following for 2020:

- Continue semiannual groundwater monitoring in order to monitor concentrations of BTEX, chloride, and TDS.

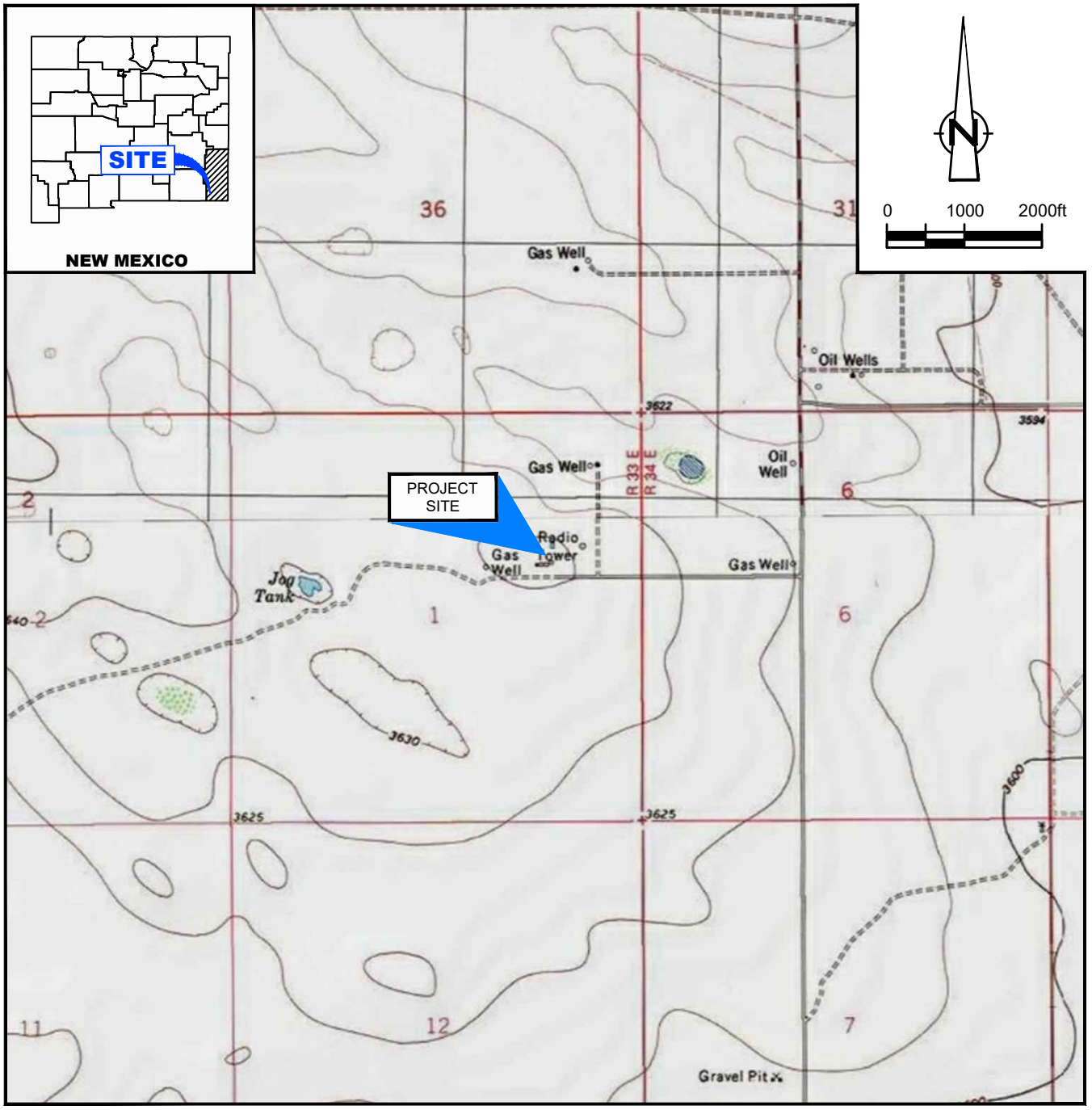
All of Which is Respectfully Submitted,

GHD

Christine Mathews
Project Manager

Jeff Walker
Senior Project Manager

Figures



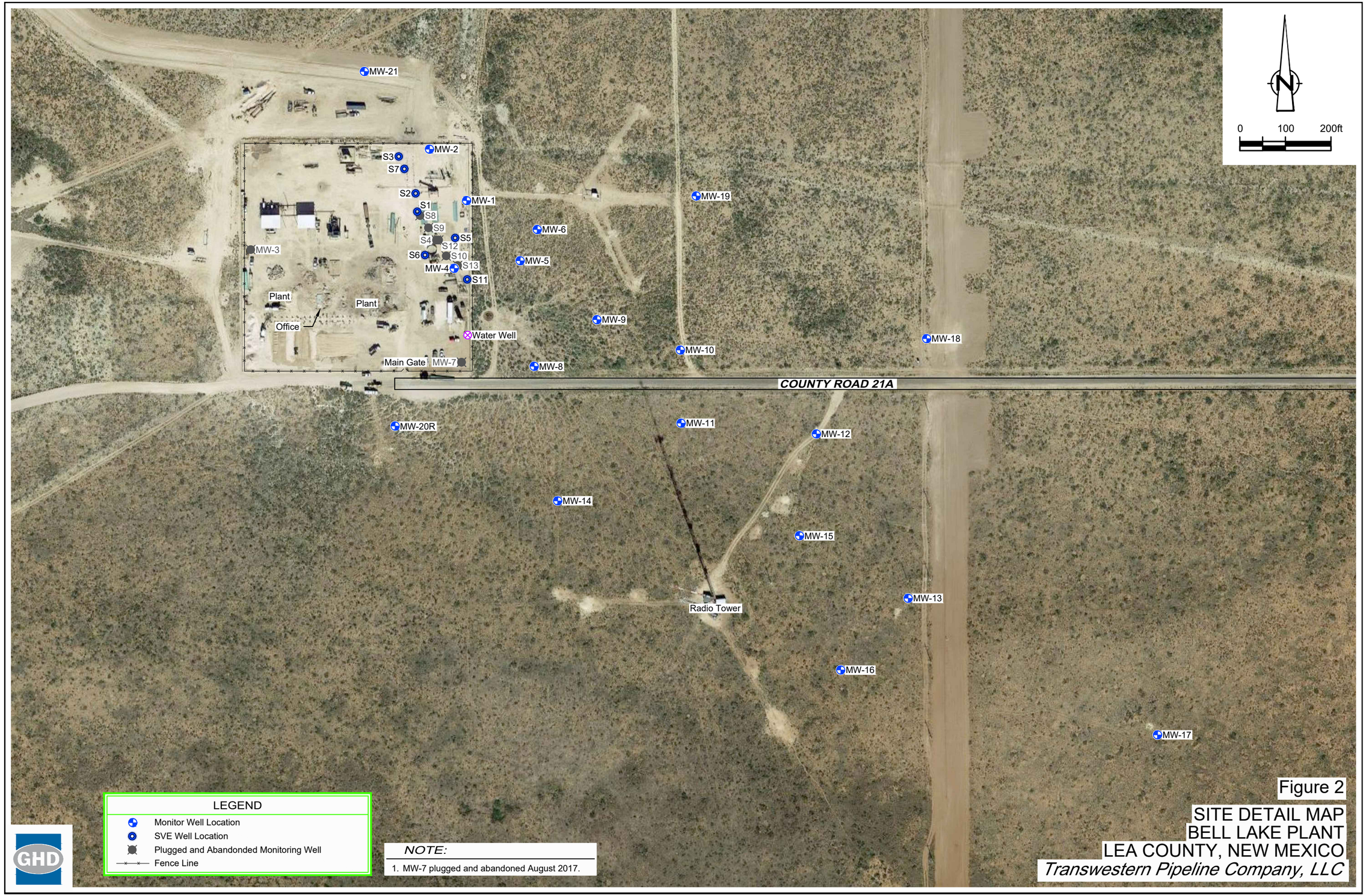
SOURCE: USGS 7.5 MINUTE QUAD
"BELL LAKE AND TIP TOP WELLS, NEW MEXICO"

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

\\ghdnet\ghd\US\Albuquerque\Projects\562\11209232\Digital_Design\ACAD 2017\Figures\11209232-01\11209232-01(007)\11209232-01(007)GN-DL001 Mar 4, 2020



LEGEND

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

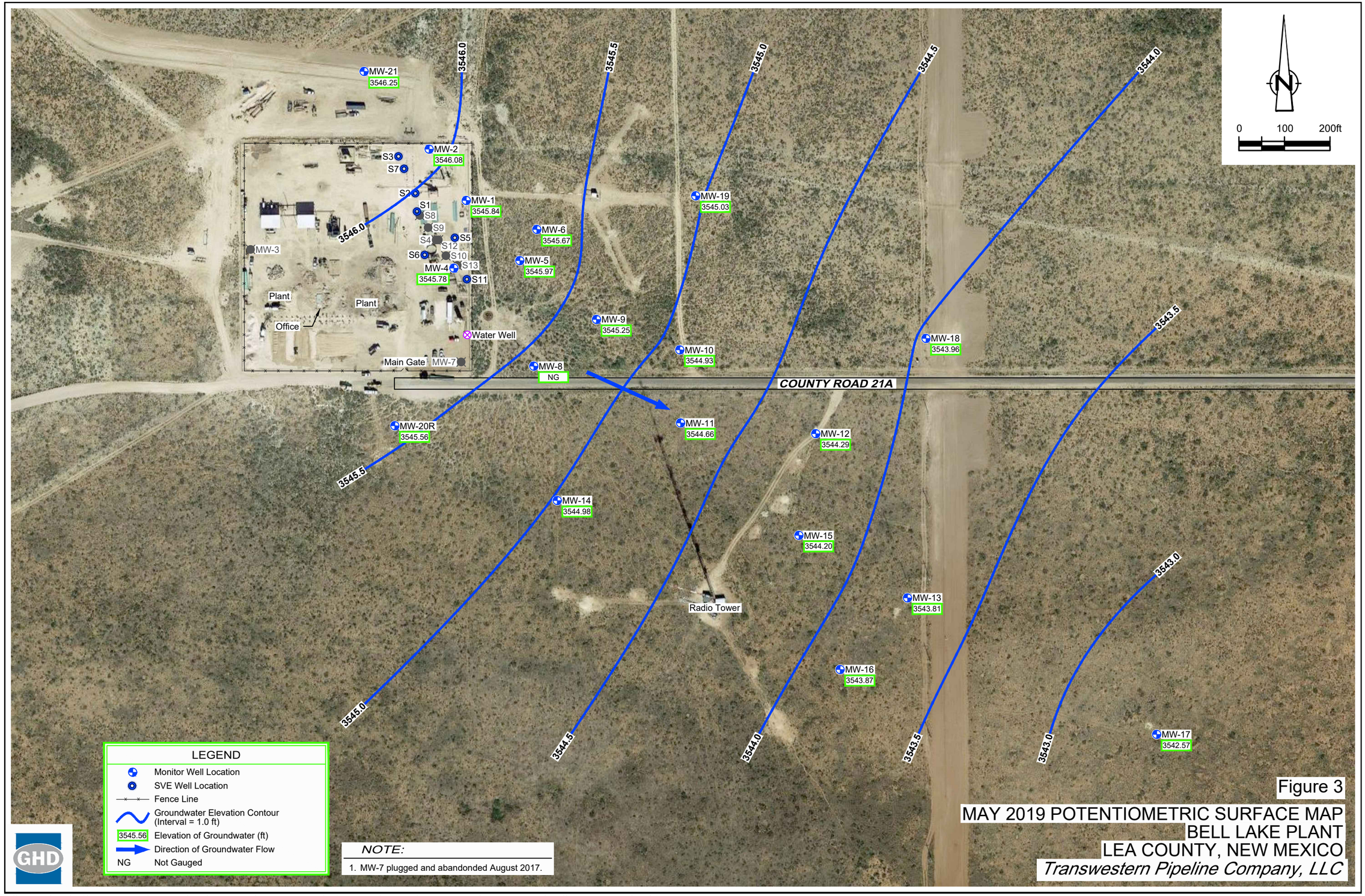
NOTE:

1. MW-7 plugged and abandoned August 2017.

Figure 2

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

\\ghdnet\ghd\US\Albuquerque\Projects\562\11209232\Digital_Design\ACAD 2017\Figures\11209232-01\11209232-01(007)\11209232-01(007)GN-DL001 Mar 4, 2020



LEGEND

- Monitor Well Location
- SVE Well Location
- Fence Line
- Groundwater Elevation Contour (Interval = 1.0 ft)
- 3545.56 Elevation of Groundwater (ft)
- Direction of Groundwater Flow
- NG Not Gauged

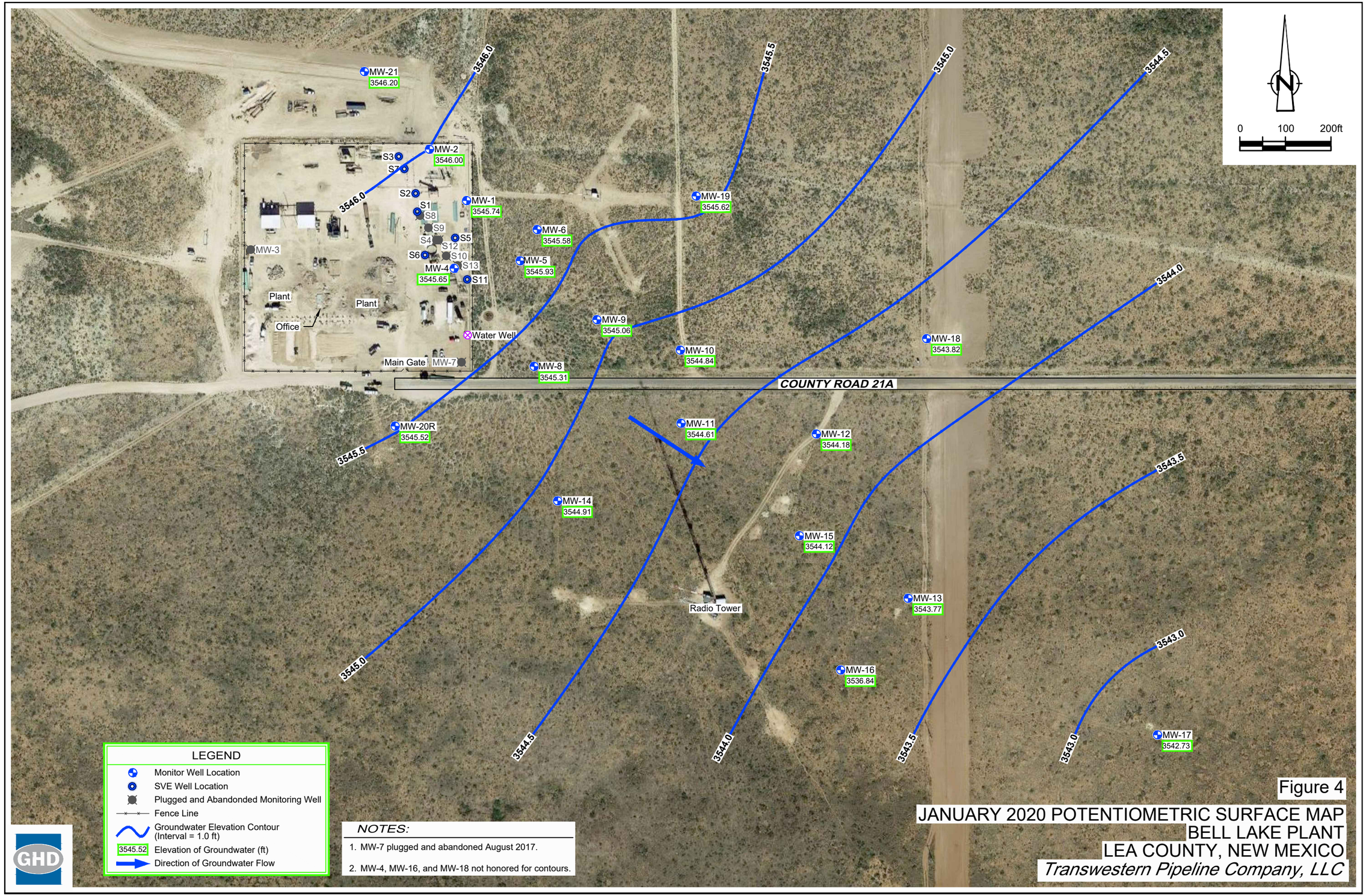
NOTE:

1. MW-7 plugged and abandonded August 2017.

Figure 3

MAY 2019 POTENTIOMETRIC SURFACE MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

\\ghdnet\ghd\US\Albuquerque\Projects\562\11209232\Digital_Design\ACAD 2017\Figures\11209232-01\11209232-01(007)\11209232-01(007)GN-DL001 Mar 4, 2020



LEGEND

- Monitor Well Location
- SVE Well Location
- Plugged and Abandonded Monitoring Well
- Fence Line
- Groundwater Elevation Contour (Interval = 1.0 ft)
- 3545.52 Elevation of Groundwater (ft)
- Direction of Groundwater Flow

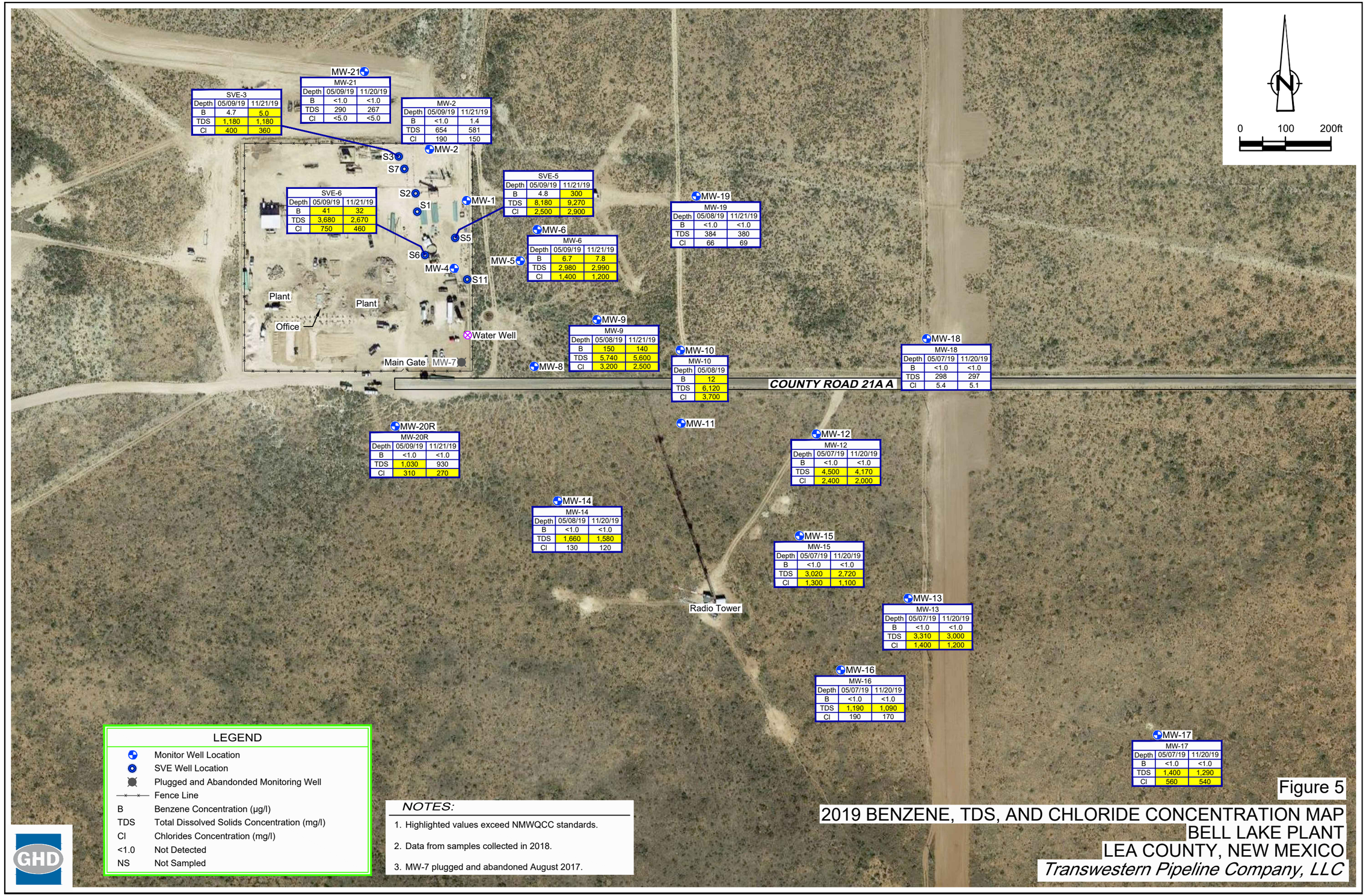
NOTES:

1. MW-7 plugged and abandoned August 2017.
2. MW-4, MW-16, and MW-18 not honored for contours.

Figure 4

JANUARY 2020 POTENTIOMETRIC SURFACE MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

\\ghdnet\ghd\US\Albuquerque\Projects\562\11209232\Digital_Design\ACAD 2017\Figures\11209232-01\11209232-01(007)\11209232-01(007)GN-DL001 Mar 13, 2020



LEGEND

	Monitor Well Location
	SVE Well Location
	Plugged and Abandonded Monitoring Well
	Fence Line
B	Benzene Concentration (µg/l)
TDS	Total Dissolved Solids Concentration (mg/l)
Cl	Chlorides Concentration (mg/l)
<1.0	Not Detected
NS	Not Sampled

NOTES:

1. Highlighted values exceed NMWQCC standards.
2. Data from samples collected in 2018.
3. MW-7 plugged and abandoned August 2017.

Figure 5

2019 BENZENE, TDS, AND CHLORIDE CONCENTRATION MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

\\ghdnet\ghd\US\Albuquerque\Projects\562\11209232\Digital_Design\ACAD 2017\Figures\11209232-01\11209232-01(007)\11209232-01(007)GN-DL001 Mar 13, 2020

Tables

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-1	3635.37 (c)	10/24/1993	--	88.97	--	3546.40
		12/8/1994	--	89.38	--	3545.99
		5/31/1995	--	89.18	--	3546.19
		12/12/1995	--	89.27	--	3546.10
		2/20/1996	--	89.24	--	3546.13
		5/15/1996	--	89.21	--	3546.16
		8/14/1996	--	89.32	--	3546.05
		11/12/1996	--	89.10	--	3546.27
		2/7/1997	--	89.35	--	3546.02
		8/8/1997	--	89.22	--	3546.15
		1/9/1998	--	89.41	--	3545.96
		2/24/1998	--	89.21	--	3546.16
		8/3/1998	--	89.40	--	3545.97
		2/10/1999	--	89.40	--	3545.97
		8/10/1999	--	89.39	--	3545.98
		2/14/2000	--	89.51	--	3545.86
		10/17/2000	--	89.53	--	3545.84
		2/15/2001	--	89.51	--	3545.86
		8/8/2001	--	89.52	--	3545.85
		3/15/2002	--	89.49	--	3545.88
		8/5/2002	--	89.46	--	3545.91
		1/14/2003	--	89.61	--	3545.76
		10/13/2003	--	89.61	--	3545.76
		5/26/2004	--	89.70	--	3545.67
		11/10/2004	--	89.57	--	3545.80
		4/13/2005	--	89.58	--	3545.79
		11/29/2005	--	89.45	--	3545.92
		5/8/2006	--	89.35	--	3546.02
		12/11/2006	--	89.37	--	3546.00
		6/18/2007	--	89.25	--	3546.12
		12/5/2007	--	89.38	--	3545.99
		5/20/2008	--	89.30	--	3546.07
		12/8/2008	--	89.37	--	3546.00
		4/30/2009	--	89.36	--	3546.01
		1/27/2010	--	89.47	--	3545.90
		11/15/2010	--	89.46	--	3545.91
		5/17/2011	--	89.52	--	3545.85
		12/12/2011	--	89.64	--	3545.73
		4/23/2012	--	89.64	--	3545.73
		10/16/2012	--	89.65	--	3545.72
		5/7/2013	--	89.73	--	3545.64
		12/18/2013	--	89.73	--	3545.64
		4/29/2014	--	89.80	--	3545.57
		10/20/2014	--	89.85	--	3545.52
		5/11/2015	--	89.89	--	3545.48
		11/9/2015	--	89.82	--	3545.55
		6/13/2016	--	89.88	--	3545.49
		12/5/2016	--	89.77	--	3545.60
		5/22/2017	--	89.77	--	3545.60
		11/13/2017	--	89.77	--	3545.60
	3635.44 (h)	10/2/2018	--	88.85	--	3546.59
		5/6/2019	--	89.60	--	3545.84
		11/19/2019	Electronic Field Data Lost			
		1/15/2020	--	89.70	--	3545.74

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-2	3634.62 (c)	10/19/1993	--	88.02	--	3546.60
		12/8/1994	--	88.15	--	3546.47
		5/31/1995	--	88.23	--	3546.39
		12/12/1995	--	88.31	--	3546.31
		2/20/1996	--	88.29	--	3546.33
		5/15/1996	--	88.27	--	3546.35
		8/14/1996	--	88.39	--	3546.23
		11/12/1996	--	88.10	--	3546.52
		2/7/1997	--	88.37	--	3546.25
		8/8/1997	--	88.27	--	3546.35
	3634.68 (d)	1/9/1998	--	88.42	--	3546.26
		2/24/1998	--	88.30	--	3546.38
		8/3/1998	--	88.42	--	3546.26
		2/10/1999	--	88.43	--	3546.25
		8/10/1999	--	88.53	--	3546.15
	3634.68 (f)	2/14/2000	--	88.63	--	3546.05
		10/17/2000	--	88.65	--	3546.03
		2/15/2001	--	88.51	--	3546.17
		8/8/2001	--	88.69	--	3545.99
		3/15/2002	--	88.59	--	3546.09
		8/5/2002	--	88.62	--	3546.06
		1/14/2003	--	88.72	--	3545.96
		10/13/2003	--	88.70	--	3545.98
		5/26/2004	--	88.75	--	3545.93
		11/10/2004	--	88.73	--	3545.95
		4/13/2005	--	88.71	--	3545.97
		11/29/2005	--	88.60	--	3546.08
		5/8/2006	--	88.47	--	3546.21
		12/11/2006	--	88.42	--	3546.26
		6/18/2007	--	88.39	--	3546.29
		12/5/2007	--	88.47	--	3546.21
		5/20/2008	--	88.43	--	3546.25
		12/8/2008	--	88.47	--	3546.21
		4/30/2009	--	88.45	--	3546.23
		1/27/2010	--	88.54	--	3546.14
		11/15/2010	--	88.58	--	3546.10
		5/17/2011	--	88.63	--	3546.05
		12/12/2011	--	88.75	--	3545.93
		4/23/2012	--	88.73	--	3545.95
		10/16/2012	--	88.73	--	3545.95
		5/7/2013	--	88.77	--	3545.91
		12/18/2013	--	88.86	--	3545.82
		4/29/2014	--	88.91	--	3545.77
		10/20/2014	--	88.97	--	3545.71
		5/11/2015	--	88.97	--	3545.71
		11/9/2015	--	88.94	--	3545.74
		6/13/2016	--	88.95	--	3545.73
		12/5/2016	--	88.90	--	3545.78
		5/22/2017	--	88.87	--	3545.81
		11/13/2017	--	88.82	--	3545.86
	3634.80 (h)	4/9/2018	--	88.80	--	3546.00
		10/2/2018	--	89.79	--	3545.01
		5/6/2019	--	88.72	--	3546.08
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	88.80	--	3546.00

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-3	3639.64 (c)	10/20/1993	--	92.96	--	3546.68
		12/8/1994	--	93.08	--	3546.56
		5/31/1995	--	93.17	--	3546.47
		12/12/1995	--	93.24	--	3546.40
		2/20/1996	--	93.20	--	3546.44
		5/15/1996	--	93.20	--	3546.44
		8/14/1996	--	93.31	--	3546.33
		11/12/1996	--	93.30	--	3546.34
		2/7/1997	--	93.31	--	3546.33
		8/8/1997	--	93.27	--	3546.37
		1/9/1998	--	93.40	--	3546.24
		2/24/1998	--	93.28	--	3546.36
		8/3/1998	--	93.41	--	3546.23
MW-4	3636.05 (c)	12/8/1994	--	89.90	--	3546.15
		5/31/1995	--	89.97	--	3546.08
		12/12/1995	--	90.05	--	3546.00
		2/20/1996	--	90.05	--	3546.00
		5/15/1996	--	89.99	--	3546.06
		8/14/1996	--	90.09	--	3545.96
		11/12/1996	--	90.00	--	3546.05
		2/7/1997	--	90.13	--	3545.92
		8/8/1997	90.00	90.60	0.60	3545.93
		11/6/1997	90.01	90.15	0.14	3546.01
		11/12/1997	90.02	90.25	0.23	3545.98
	3637.04 (d)	12/29/1997	90.69	92.55	1.86	3545.98
		11/24/1998	90.28	94.04	3.76	3546.01
		1/28/1999	90.50	94.03	3.53	3545.83
		2/10/1999	90.81	91.93	1.12	3546.01
		2/24/1999	90.45	93.54	3.09	3545.97
		6/2/1999	89.90	92.65	2.75	3546.59
		6/4/1999	90.80	91.54	0.74	3546.09
		6/15/1999	90.41	92.99	2.58	3546.11
		6/24/1999	89.61	91.88	2.27	3546.98
		7/13/1999	90.50	93.34	2.84	3545.97
		8/10/1999	90.66	93.12	2.46	3545.89
		8/24/1999	90.61	91.70	1.09	3546.21
		9/7/1999	90.62	92.97	2.35	3545.95
		9/23/1999	90.58	93.05	2.47	3545.97
		10/12/1999	90.66	93.21	2.55	3545.87
		10/26/1999	90.64	93.02	2.38	3545.92
		11/9/1999	90.55	92.94	2.39	3546.01
		11/24/1999	90.69	93.45	2.76	3545.80
		12/14/1999	90.56	92.89	2.33	3546.01
		12/28/1999	89.52	92.83	3.31	3546.86
		1/13/2000	90.01	90.78	0.77	3546.88
		1/20/2000	90.04	90.08	0.04	3546.99
		2/1/2000	89.86	91.55	1.69	3546.84
		2/14/2000	89.94	91.76	1.82	3546.74
		2/22/2000	89.94	90.86	0.92	3546.92
		3/6/2000	89.98	90.36	0.38	3546.98
		3/27/2000	90.19	90.48	0.29	3546.79
		4/10/2000	90.13	90.64	0.51	3546.81
		4/27/2000	90.01	90.16	0.15	3547.00
		5/8/2000	90.03	90.23	0.20	3546.97

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-4 (cont.)	3637.04 (d)	5/25/2000	90.12	90.33	0.21	3546.88
		6/8/2000	90.40	90.42	0.02	3546.64
		6/26/2000	90.17	90.23	0.06	3546.86
		7/11/2000	90.14	90.16	0.02	3546.90
		7/27/2000	90.11	90.12	0.01	3546.93
		8/7/2000	90.05	90.06	0.01	3546.99
		8/24/2000	--	90.14	--	3546.90
		9/7/2000	--	90.12	--	3546.92
		9/25/2000	--	89.93	--	3547.11
		10/9/2000	--	89.87	--	3547.17
		10/17/2000	90.12	90.15	0.03	3546.91
		11/2/2000	90.16	90.76	0.60	3546.76
		11/22/2000	90.36	90.39	0.03	3546.67
		12/11/2000	90.05	90.25	0.20	3546.95
		1/5/2001	90.07	91.47	1.40	3546.69
		1/22/2001	90.03	90.58	0.55	3546.90
		2/9/2001	90.76	90.97	0.21	3546.24
		2/15/2001	90.11	90.95	0.84	3546.76
		3/9/2001	89.89	89.92	0.03	3547.14
		3/29/2001	90.10	90.39	0.29	3546.88
		8/8/2001	90.17	90.55	0.38	3546.79
		2/1/2002	90.19	90.76	0.57	3546.74
		2/11/2002	91.13	91.30	0.17	3545.88
		3/15/2002	90.15	90.89	0.74	3546.74
		8/5/2002	90.12	90.38	0.26	3546.87
		1/14/2003	90.08	91.57	1.49	3546.66
		10/13/2003	90.16	91.71	1.55	3546.57
		5/26/2004	90.16	91.57	1.41	3546.60
		11/10/2004	--	90.26	--	3546.78
		4/13/2005	90.1	90.11	0.01	3546.94
		11/29/2005	90.04	90.05	0.01	3547.00
		5/8/2006	--	91.16	--	3545.88
		12/11/2006	90.18	90.21	0.03	3546.85
		6/18/2007	89.97	90.01	0.04	3547.06
		12/5/2007	90.12	90.16	0.04	3546.91
		5/20/2008	90.07	90.10	0.03	3546.96
		12/8/2008	90.15	90.19	0.04	3546.88
		4/30/2009	90.13	90.17	0.04	3546.90
		1/27/2010	90.19	90.65	0.46	3546.76
		11/15/2010	90.24	90.26	0.02	3546.80
		5/17/2011	90.26	90.64	0.38	3546.70
		12/12/2011	90.43	90.47	0.04	3546.60
		4/23/2012	90.41	90.43	0.02	3546.63
		10/16/2012	sheen	90.41	sheen	3546.63
		5/7/2013	--	90.49	--	3546.55
		12/18/2013	--	90.53	--	3546.51
		4/29/2014	90.58	90.59	0.01	3546.46
		10/20/2014	90.63	90.64	0.01	3546.41
		5/11/2015	--	90.66	--	3546.38
		11/9/2015	--	90.59	--	3546.45
		6/13/2016	--	90.75	--	3546.29
		12/5/2016	--	90.56	--	3546.48
		5/22/2017	--	95.58	--	3541.46
		11/13/2017	--	90.53	--	3546.51
	3636.19 (h)	10/2/2018	--	90.61	--	3545.58
		5/6/2019	--	90.41	--	3545.78
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	90.54	--	3545.65

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-5	3635.31 (c)	12/8/1994	--	89.33	--	3545.98
		5/31/1995	--	89.36	--	3545.95
		12/12/1995	--	89.40	--	3545.91
		2/20/1996	--	89.46	--	3545.85
		5/15/1996	--	89.40	--	3545.91
		8/14/1996	--	89.43	--	3545.88
		11/12/1996	--	89.42	--	3545.89
		2/7/1997	--	89.53	--	3545.78
		8/8/1997	--	89.41	--	3545.90
		1/9/1998	--	89.57	--	3545.74
		2/24/1998	--	89.38	--	3545.93
		8/3/1998	--	89.59	--	3545.72
		2/10/1999	--	89.65	--	3545.66
		8/10/1999	--	89.64	--	3545.67
		2/14/2000	--	89.69	--	3545.62
		10/17/2000	--	89.75	--	3545.56
		2/15/2001	--	89.71	--	3545.60
		8/8/2001	--	89.72	--	3545.59
		3/15/2002	--	89.69	--	3545.62
		8/5/2002	--	89.67	--	3545.64
		1/14/2003	--	89.75	--	3545.56
		10/13/2003	--	89.77	--	3545.54
		5/26/2004	--	89.81	--	3545.50
		11/10/2004	--	89.81	--	3545.50
		4/13/2005	--	89.77	--	3545.54
		11/29/2005	--	89.66	--	3545.65
		5/8/2006	--	89.58	--	3545.73
		12/11/2006	--	89.57	--	3545.74
		6/18/2007	--	89.53	--	3545.78
		12/5/2007	--	89.57	--	3545.74
		5/20/2008	--	89.55	--	3545.76
		12/8/2008	--	89.58	--	3545.73
		4/30/2009	--	89.59	--	3545.72
		1/27/2010	--	89.67	--	3545.64
		11/15/2010	--	89.65	--	3545.66
		5/17/2011	--	89.65	--	3545.66
		12/12/2011	--	89.80	--	3545.51
		4/23/2012	--	89.77	--	3545.54
		10/16/2012	--	89.80	--	3545.51
		5/7/2013	--	89.85	--	3545.46
		12/18/2013	--	89.88	--	3545.43
		4/29/2014	--	90.20	--	3545.11
		10/20/2014	--	89.99	--	3545.32
		5/11/2015	--	90.05	--	3545.26
		11/9/2015	--	89.97	--	3545.34
		6/13/2016	--	90.03	--	3545.28
		12/5/2016	--	89.87	--	3545.44
		5/22/2017	--	89.87	--	3545.44
		11/13/2017	--	89.92	--	3545.39
	3635.77 (h)	10/2/2018	--	89.93	--	3545.84
		5/6/2019	--	89.80	--	3545.97
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	89.84	--	3545.93

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-6	3634.66 (c)	12/8/1994	--	88.65	--	3546.01
		5/31/1995	--	88.70	--	3545.96
		12/12/1995	--	88.72	--	3545.94
		2/20/1996	--	88.81	--	3545.85
		5/15/1996	--	88.75	--	3545.91
		8/14/1996	--	88.82	--	3545.84
		11/12/1996	--	88.81	--	3545.85
		2/7/1997	--	88.88	--	3545.78
		8/8/1997	--	88.80	--	3545.86
		1/9/1998	--	88.92	--	3545.74
		2/24/1998	--	88.75	--	3545.91
		8/3/1998	--	88.93	--	3545.73
		2/10/1999	--	89.00	--	3545.66
		8/10/1999	--	89.02	--	3545.64
		2/14/2000	--	89.06	--	3545.60
		10/17/2000	--	89.12	--	3545.54
		2/15/2001	--	89.08	--	3545.58
		8/8/2001	--	89.10	--	3545.56
		3/15/2002	--	89.05	--	3545.61
		8/5/2002	--	89.05	--	3545.61
		1/14/2003	--	89.11	--	3545.55
		10/13/2003	--	89.13	--	3545.53
		5/26/2004	--	89.15	--	3545.51
		11/10/2004	--	89.20	--	3545.46
		4/13/2005	--	89.16	--	3545.50
		11/29/2005	--	89.05	--	3545.61
		5/8/2006	--	88.95	--	3545.71
		12/11/2006	--	88.94	--	3545.72
		6/18/2007	--	88.89	--	3545.77
		12/5/2007	--	88.97	--	3545.69
		5/20/2008	--	88.92	--	3545.74
		12/8/2008	--	88.95	--	3545.71
		4/30/2009	--	88.97	--	3545.69
		1/27/2010	--	89.03	--	3545.63
		11/15/2010	--	89.05	--	3545.61
		5/17/2011	--	89.07	--	3545.59
		12/12/2011	--	89.16	--	3545.50
		4/23/2012	--	89.15	--	3545.51
		10/16/2012	--	89.21	--	3545.45
		5/7/2013	--	89.23	--	3545.43
		12/18/2013	--	89.25	--	3545.41
		4/29/2014	--	89.33	--	3545.33
		10/20/2014	--	89.40	--	3545.26
		5/11/2015	--	89.41	--	3545.25
		11/9/2015	--	89.35	--	3545.31
		6/13/2016	--	89.37	--	3545.29
		12/5/2016	--	89.27	--	3545.39
		5/22/2017	--	89.26	--	3545.40
		11/13/2017	--	89.30	--	3545.36
	3634.82 (h)	10/2/2018	--	89.34	--	3545.48
		5/6/2019	--	89.15	--	3545.67
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	89.24	--	3545.58

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-7	3635.89 (c)	12/12/1995	--	90.18	--	3545.71
		2/20/1996	--	90.15	--	3545.74
		5/15/1996	--	90.11	--	3545.78
		8/14/1996	--	90.21	--	3545.68
		11/12/1996	--	90.20	--	3545.69
		2/7/1997	--	90.22	--	3545.67
		8/8/1997	--	90.19	--	3545.70
		1/9/1998	--	90.28	--	3545.61
		2/24/1998	--	90.18	--	3545.71
		8/3/1998	--	90.29	--	3545.60
	---	8/10/1999	--	90.40	--	---
	3636.00 (f)	2/14/2000	--	90.45	--	3545.55
		10/17/2000	--	90.48	--	3545.52
		2/15/2001	--	90.47	--	3545.53
		8/8/2001	--	90.51	--	3545.49
		3/15/2002	--	90.43	--	3545.57
		8/5/2002	--	90.43	--	3545.57
		1/14/2003	--	90.52	--	3545.48
		10/13/2003	--	90.51	--	3545.49
		5/26/2004	--	90.57	--	3545.43
		11/10/2004	--	90.57	--	3545.43
		4/13/2005	--	90.53	--	3545.47
		11/29/2005	--	90.44	--	3545.56
		5/8/2006	--	90.35	--	3545.65
		12/11/2006	--	90.35	--	3545.65
		6/18/2007	--	90.30	--	3545.70
		12/5/2007	--	90.36	--	3545.64
		5/20/2008	--	90.31	--	3545.69
		12/8/2008	--	90.36	--	3545.64
		4/30/2009	--	90.36	--	3545.64
		1/27/2010	--	90.41	--	3545.59
		11/15/2010	--	90.43	--	3545.57
		5/17/2011	--	90.45	--	3545.55
		12/12/2011	--	90.52	--	3545.48
		4/23/2012	--	90.54	--	3545.46
		10/16/2012	--	90.55	--	3545.45
		5/7/2013	--	90.60	--	3545.40
		12/18/2013	--	90.62	--	3545.38
		4/29/2014	--	92.00	--	3544.00
		10/20/2014	--	90.75	--	3545.25
		5/11/2015	--	90.75	--	3545.25
		11/9/2015	--	90.70	--	3545.30
		6/13/2016	--	90.75	--	3545.25
		12/5/2016	--	90.65	--	3545.35
		5/22/2017	--	90.63	--	3545.37
		8/31/2017	Well Plugged and Abandoned			

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-8	3635.28 (c)	12/12/1995	--	89.82	--	3545.46
		2/20/1996	--	89.82	--	3545.46
		5/15/1996	--	89.78	--	3545.50
		8/14/1996	--	89.86	--	3545.42
		11/12/1996	--	89.86	--	3545.42
		2/7/1997	--	89.89	--	3545.39
		8/8/1997	--	89.85	--	3545.43
	3635.30 (d)	1/9/1998	--	89.95	--	3545.35
		2/24/1998	--	89.87	--	3545.43
		8/3/1998	--	89.95	--	3545.35
		2/10/1999	--	89.97	--	3545.33
		8/10/1999	--	90.00	--	3545.30
		2/14/2000	--	90.04	--	3545.26
		10/17/2000	--	90.08	--	3545.22
		2/15/2001	--	90.05	--	3545.25
		8/8/2001	--	90.09	--	3545.21
		3/15/2002	--	90.05	--	3545.25
		8/5/2002	--	90.05	--	3545.25
		1/14/2003	--	90.10	--	3545.20
		10/13/2003	--	90.10	--	3545.20
		5/26/2004	--	90.14	--	3545.16
		11/10/2004	--	90.20	--	3545.10
		4/13/2005	--	90.14	--	3545.16
		11/29/2005	--	90.07	--	3545.23
		5/8/2006	--	89.99	--	3545.31
		12/11/2006	--	89.96	--	3545.34
		6/18/2007	--	89.92	--	3545.38
		12/5/2007	--	89.98	--	3545.32
		5/20/2008	--	89.93	--	3545.37
		12/8/2008	--	89.98	--	3545.32
		4/30/2009	--	89.98	--	3545.32
		1/27/2010	--	90.03	--	3545.27
		11/15/2010	--	90.03	--	3545.27
		5/17/2011	--	90.03	--	3545.27
		12/12/2011	--	90.12	--	3545.18
		4/23/2012	--	90.10	--	3545.20
		10/16/2012	--	90.16	--	3545.14
		5/7/2013	--	90.15	--	3545.15
		12/18/2013	--	90.21	--	3545.09
		4/29/2014	--	90.29	--	3545.01
		5/11/2015	--	90.35	--	3544.95
		11/9/2015	--	90.31	--	3544.99
		6/13/2016	--	90.31	--	3544.99
		12/5/2016	--	90.23	--	3545.07
		5/22/2017	--	90.22	--	3545.08
		11/13/2017	--	90.23	--	3545.07
	3635.48 (h)	4/9/2018	--	90.19	--	3545.29
		10/2/2018	--	90.26	--	3545.22
		5/6/2019	--	--	--	--
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	90.17	--	3545.31

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-9	3633.58 (c)	12/12/1995	--	88.21	--	3545.37
		2/20/1996	--	88.23	--	3545.35
		5/15/1996	--	88.18	--	3545.40
		8/14/1996	--	88.22	--	3545.36
		11/12/1996	--	88.27	--	3545.31
		2/7/1997	--	88.29	--	3545.29
		8/8/1997	--	88.25	--	3545.33
		1/9/1998	--	88.35	--	3545.23
		2/24/1998	--	88.24	--	3545.34
		8/3/1998	--	88.33	--	3545.25
		2/10/1999	--	88.37	--	3545.21
		8/10/1999	--	88.40	--	3545.18
		2/14/2000	--	88.44	--	3545.14
		10/17/2000	--	88.46	--	3545.12
		2/15/2001	--	88.45	--	3545.13
		8/8/2001	--	88.48	--	3545.10
		3/15/2002	--	88.46	--	3545.12
		8/5/2002	--	88.46	--	3545.12
		1/14/2003	--	88.48	--	3545.10
		10/13/2003	--	88.49	--	3545.09
		5/26/2004	--	88.55	--	3545.03
		11/10/2004	--	88.59	--	3544.99
		4/13/2005	--	88.54	--	3545.04
		11/29/2005	--	88.45	--	3545.13
		5/8/2006	--	88.37	--	3545.21
		12/11/2006	--	88.35	--	3545.23
		6/18/2007	--	88.31	--	3545.27
		12/5/2007	--	88.39	--	3545.19
		5/20/2008	--	88.33	--	3545.25
		12/8/2008	--	88.36	--	3545.22
		4/30/2009	--	88.39	--	3545.19
		1/27/2010	--	88.42	--	3545.16
		11/15/2010	--	88.45	--	3545.13
		5/17/2011	--	88.44	--	3545.14
		12/12/2011	--	88.53	--	3545.05
		4/23/2012	--	88.51	--	3545.07
		10/16/2012	--	88.56	--	3545.02
		5/7/2013	--	88.57	--	3545.01
		12/18/2013	--	88.62	--	3544.96
		4/29/2014	--	88.69	--	3544.89
		10/20/2014	--	88.76	--	3544.82
		5/11/2015	--	88.74	--	3544.84
		11/9/2015	--	88.66	--	3544.92
		6/13/2016	--	88.71	--	3544.87
		12/5/2016	--	88.61	--	3544.97
		5/22/2017	--	88.60	--	3544.98
		11/13/2017	--	88.65	--	3544.93
	3633.75 (h)	4/9/2018	--	88.58	--	3545.17
		10/2/2018	--	88.77	--	3544.98
		5/6/2019	--	88.50	--	3545.25
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	88.69	--	3545.06

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-10	3633.25 (d)	1/9/1998	--	88.42	--	3544.83
		2/24/1998	--	88.33	--	3544.92
		8/3/1998	--	88.41	--	3544.84
		2/10/1999	--	88.43	--	3544.82
		8/10/1999	--	88.44	--	3544.81
	3633.24 (f)	2/14/2000	--	88.50	--	3544.74
		10/17/2000	--	88.54	--	3544.70
		2/14/2001	--	88.51	--	3544.73
		8/8/2001	--	88.54	--	3544.70
		3/15/2002	--	88.51	--	3544.73
		8/5/2002	--	88.54	--	3544.70
		1/14/2003	--	88.54	--	3544.70
		10/13/2003	--	88.56	--	3544.68
		5/26/2004	--	88.60	--	3544.64
		11/10/2004	--	88.63	--	3544.61
		4/13/2005	--	88.58	--	3544.66
		11/29/2005	--	88.50	--	3544.74
		5/8/2006	--	88.44	--	3544.80
		12/11/2006	--	88.44	--	3544.80
		6/18/2007	--	88.39	--	3544.85
		12/5/2007	--	88.47	--	3544.77
		5/20/2008	--	88.41	--	3544.83
		12/8/2008	--	88.45	--	3544.79
		4/30/2009	--	88.45	--	3544.79
		1/27/2010	--	88.46	--	3544.78
		11/15/2010	--	88.51	--	3544.73
		5/17/2011	--	88.47	--	3544.77
		12/12/2011	--	88.57	--	3544.67
		4/23/2012	--	88.56	--	3544.68
		10/16/2012	--	88.61	--	3544.63
		5/7/2013	--	88.60	--	3544.64
		12/18/2013	--	88.67	--	3544.57
		4/29/2014	--	88.72	--	3544.52
		10/20/2014	--	88.82	--	3544.42
		5/11/2015	--	88.74	--	3544.50
		11/9/2015	--	88.73	--	3544.51
		6/13/2016	--	88.75	--	3544.49
		12/5/2016	--	88.66	--	3544.58
		5/22/2017	--	88.65	--	3544.59
		11/13/2017	--	88.67	--	3544.57
	3633.45 (h)	4/9/2018	--	88.61	--	3544.84
		10/2/2018	--	88.72	--	3544.73
		5/6/2019	--	88.52	--	3544.93
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	88.61	--	3544.84

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-11	3631.57 (d)	1/9/1998	--	86.99	--	3544.58
		2/24/1998	--	86.94	--	3544.63
		8/3/1998	--	86.98	--	3544.59
		2/10/1999	--	86.99	--	3544.58
		8/10/1999	--	86.99	--	3544.58
	3631.56 (f)	2/14/2000	--	87.04	--	3544.52
		10/17/2000	--	87.07	--	3544.49
		2/15/2001	--	87.06	--	3544.50
		8/8/2001	--	87.10	--	3544.46
		3/15/2002	--	87.07	--	3544.49
		8/5/2002	--	87.09	--	3544.47
		1/14/2003	--	87.09	--	3544.47
		10/13/2003	--	87.11	--	3544.45
		5/26/2004	--	87.15	--	3544.41
		11/10/2004	--	87.21	--	3544.35
		4/13/2005	--	87.13	--	3544.43
		11/29/2005	--	87.07	--	3544.49
		5/8/2006	--	87.03	--	3544.53
		12/11/2006	--	87.03	--	3544.53
		6/18/2007	--	86.97	--	3544.59
		12/5/2007	--	87.02	--	3544.54
		5/20/2008	--	86.98	--	3544.58
		12/8/2008	--	87.02	--	3544.54
		4/30/2009	--	87.00	--	3544.56
		1/27/2010	--	87.03	--	3544.53
		11/15/2010	--	87.05	--	3544.51
		5/17/2011	--	87.05	--	3544.51
		12/12/2011	--	87.13	--	3544.43
		4/23/2012	--	87.10	--	3544.46
		10/16/2012	--	87.15	--	3544.41
		5/7/2013	--	87.15	--	3544.41
		12/18/2013	--	87.21	--	3544.35
		4/29/2014	--	87.24	--	3544.32
		10/20/2014	--	87.33	--	3544.23
		5/11/2015	--	87.28	--	3544.28
		11/9/2015	--	87.25	--	3544.31
		6/13/2016	--	87.27	--	3544.29
		12/5/2016	--	87.23	--	3544.33
		5/22/2017	--	87.20	--	3544.36
		11/13/2017	--	87.23	--	3544.33
	3631.76 (h)	4/9/2018	--	87.20	--	3544.56
		10/2/2018	--	87.37	--	3544.39
		5/6/2019	--	87.10	--	3544.66
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	87.15	--	3544.61

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-12	3630.61 (d)	1/9/1998	--	86.39	--	3544.22
		2/24/1998	--	86.29	--	3544.32
		8/3/1998	--	86.37	--	3544.24
		2/10/1999	--	86.39	--	3544.22
		8/10/1999	--	86.39	--	3544.22
	3630.61 (f)	2/14/2000	--	86.46	--	3544.15
		10/17/2000	--	86.49	--	3544.12
		2/15/2001	--	86.47	--	3544.14
		8/8/2001	--	86.49	--	3544.12
		3/15/2002	--	86.45	--	3544.16
		8/5/2002	--	86.50	--	3544.11
		1/14/2003	--	86.49	--	3544.12
		10/13/2003	--	86.49	--	3544.12
		5/26/2004	--	86.52	--	3544.09
		11/10/2004	--	86.56	--	3544.05
		4/13/2005	--	86.49	--	3544.12
		11/29/2005	--	86.42	--	3544.19
		5/8/2006	--	86.41	--	3544.20
		12/11/2006	--	86.42	--	3544.19
		6/18/2007	--	86.38	--	3544.23
		12/5/2007	--	86.45	--	3544.16
		5/20/2008	--	86.37	--	3544.24
		12/8/2008	--	86.43	--	3544.18
		4/30/2009	--	86.40	--	3544.21
		1/27/2010	--	86.42	--	3544.19
		11/15/2010	--	86.44	--	3544.17
		5/17/2011	--	86.42	--	3544.19
		12/12/2011	--	86.52	--	3544.09
		4/23/2012	--	86.50	--	3544.11
		10/16/2012	--	86.52	--	3544.09
		5/7/2013	--	86.55	--	3544.06
		12/18/2013	--	86.58	--	3544.03
		4/29/2014	--	86.65	--	3543.96
		10/20/2014	--	86.73	--	3543.88
		5/11/2015	--	86.68	--	3543.93
		11/9/2015	--	86.62	--	3543.99
		6/13/2016	--	86.68	--	3543.93
		12/5/2016	--	86.57	--	3544.04
		5/22/2017	--	86.60	--	3544.01
		11/13/2017	--	86.65	--	3543.96
	3630.79 (h)	4/9/2018	--	86.52	--	3544.27
		10/2/2018	--	86.66	--	3544.13
		5/6/2019	--	86.50	--	3544.29
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	86.61	--	3544.18

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-13	3626.97 (f)	2/14/2000	--	83.28	--	3543.69
		10/17/2000	--	83.30	--	3543.67
		2/15/2001	--	83.29	--	3543.68
		8/8/2001	--	83.31	--	3543.66
		3/15/2002	--	83.27	--	3543.70
		8/5/2002	--	83.31	--	3543.66
		1/14/2003	--	83.32	--	3543.65
		10/13/2003	--	83.30	--	3543.67
		5/26/2004	--	83.34	--	3543.63
		11/10/2004	--	83.36	--	3543.61
		4/13/2005	--	83.33	--	3543.64
		11/29/2005	--	83.27	--	3543.70
		5/8/2006	--	83.24	--	3543.73
		12/11/2006	--	83.25	--	3543.72
		6/18/2007	--	83.23	--	3543.74
		12/5/2007	--	83.28	--	3543.69
		5/20/2008	--	83.21	--	3543.76
		12/8/2008	--	83.27	--	3543.70
		4/30/2009	--	83.23	--	3543.74
		1/27/2010	--	83.24	--	3543.73
		11/15/2010	--	83.23	--	3543.74
		5/17/2011	--	83.22	--	3543.75
		12/12/2011	--	83.31	--	3543.66
		4/23/2012	--	83.30	--	3543.67
		10/16/2012	--	83.31	--	3543.66
		5/7/2013	--	83.31	--	3543.66
		12/18/2013	--	83.36	--	3543.61
		4/29/2014	--	83.40	--	3543.57
		10/20/2014	--	83.47	--	3543.50
		5/11/2015	--	83.42	--	3543.55
		11/9/2015	--	83.39	--	3543.58
		6/13/2016	--	83.45	--	3543.52
		12/5/2016	--	83.55	--	3543.42
		5/22/2017	--	83.38	--	3543.59
		11/13/2017	--	83.34	--	3543.63
	3627.13 (h)	4/9/2018	--	83.35	--	3543.78
		10/2/2018	--	83.45	--	3543.68
		5/6/2019	--	83.32	--	3543.81
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	83.36	--	3543.77
MW-14	3631.43 (g)	1/14/2003	--	86.33	--	3545.10
		10/13/2003	--	86.34	--	3545.09
		5/26/2004	--	86.38	--	3545.05
		11/10/2004	--	86.45	--	3544.98
		4/13/2005	--	86.36	--	3545.07
		11/29/2005	--	86.28	--	3545.15
		5/8/2006	--	86.24	--	3545.19
		12/11/2006	--	86.24	--	3545.19
		6/18/2007	--	86.19	--	3545.24
		12/5/2007	--	86.27	--	3545.16
		5/20/2008	--	86.20	--	3545.23
		12/8/2008	--	86.23	--	3545.20
		4/30/2009	--	86.24	--	3545.19
		1/27/2010	--	86.25	--	3545.18
		11/15/2010	--	86.27	--	3545.16
		5/17/2011	--	86.26	--	3545.17

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-14 (Cont.)	3631.43 (g)	12/12/2011	--	86.35	--	3545.08
		4/23/2012	--	86.32	--	3545.11
		10/16/2012	--	86.35	--	3545.08
		5/7/2013	--	86.36	--	3545.07
		12/18/2013	--	86.39	--	3545.04
		4/29/2014	--	86.48	--	3544.95
		10/20/2014	--	86.52	--	3544.91
		5/11/2015	--	86.52	--	3544.91
		11/9/2016	--	86.48	--	3544.95
		6/13/2016	--	86.53	--	3544.90
		12/5/2016	--	86.41	--	3545.02
		5/22/2017	--	86.43	--	3545.00
		11/13/2017	--	86.42	--	3545.01
	3631.32 (h)	4/9/2018	--	86.40	--	3544.92
		10/2/2018	--	86.50	--	3544.82
		5/6/2019	--	86.34	--	3544.98
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	86.41	--	3544.91
MW-15	3629.00 (g)	1/14/2003	--	84.74	--	3544.26
		10/13/2003	--	84.73	--	3544.27
		5/26/2004	--	84.75	--	3544.25
		11/10/2004	--	84.80	--	3544.20
		4/13/2005	--	84.76	--	3544.24
		11/29/2005	--	84.70	--	3544.30
		5/8/2006	--	84.66	--	3544.34
		12/11/2006	--	84.66	--	3544.34
		6/18/2007	--	84.63	--	3544.37
		12/5/2007	--	84.69	--	3544.31
		5/20/2008	--	84.61	--	3544.39
		12/8/2008	--	84.67	--	3544.33
		4/30/2009	--	84.65	--	3544.35
		1/27/2010	--	84.67	--	3544.33
		11/15/2010	--	84.67	--	3544.33
		5/17/2011	--	84.65	--	3544.35
		12/12/2011	--	84.75	--	3544.25
		4/23/2012	--	84.71	--	3544.29
		10/16/2012	--	84.74	--	3544.26
		5/7/2013	--	84.75	--	3544.25
		12/18/2013	--	84.79	--	3544.21
		4/29/2014	--	84.84	--	3544.16
		10/20/2014	--	84.93	--	3544.07
		5/11/2015	--	84.88	--	3544.12
		11/9/2015	--	84.84	--	3544.16
		6/13/2016	--	84.88	--	3544.12
		12/5/2016	--	84.80	--	3544.20
		5/22/2017	--	84.79	--	3544.21
		11/13/2017	--	84.78	--	3544.22
	3628.91 (h)	4/9/2018	--	84.71	--	3544.20
		10/2/2018	--	84.89	--	3544.02
		5/6/2019	--	84.71	--	3544.20
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	84.79	--	3544.12

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-16	3625.87 (g)	1/14/2003	--	81.88	--	3543.99
		10/13/2003	--	81.87	--	3544.00
		5/26/2004	--	81.89	--	3543.98
		11/10/2004	--	81.93	--	3543.94
		4/13/2005	--	81.88	--	3543.99
		11/29/2005	--	81.85	--	3544.02
		5/8/2006	--	81.80	--	3544.07
		12/11/2006	--	81.81	--	3544.06
		6/18/2007	--	81.80	--	3544.07
		12/5/2007	--	81.85	--	3544.02
		5/20/2008	--	81.78	--	3544.09
		12/8/2008	--	81.84	--	3544.03
		4/30/2009	--	81.81	--	3544.06
		1/27/2010	--	81.81	--	3544.06
		11/15/2010	--	81.81	--	3544.06
		5/17/2011	--	81.79	--	3544.08
		12/12/2011	--	81.90	--	3543.97
		4/23/2012	--	81.86	--	3544.01
		10/16/2012	--	81.87	--	3544.00
		5/7/2013	--	81.88	--	3543.99
		12/18/2013	--	81.91	--	3543.96
		4/29/2014	--	82.00	--	3543.87
		10/20/2014	--	82.03	--	3543.84
		5/11/2015	--	81.99	--	3543.88
		11/9/2015	--	81.97	--	3543.90
		6/13/2016	--	82.00	--	3543.87
		12/5/2016	--	81.93	--	3543.94
		5/22/2017	--	81.90	--	3543.97
		11/13/2017	--	81.91	--	3543.96
	3625.82 (g)	4/9/2018	--	81.91	--	3543.91
		10/2/2018	--	82.03	--	3543.79
		5/6/2019	--	81.95	--	3543.87
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	88.98	--	3536.84
MW-17	3627.30 (h)	5/22/2017	--	84.53	--	3542.77
		11/13/2017	--	84.55	--	3542.75
		4/9/2018	--	84.58	--	3542.72
		10/2/2018	--	84.64	--	3542.66
		5/6/2019	--	84.73	--	3542.57
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	84.57	--	3542.73
MW-18	3632.36 (h)	5/22/2017	--	88.48	--	3543.88
		11/13/2017	--	88.45	--	3543.91
		4/9/2018	--	88.57	--	3543.79
		10/2/2018	--	88.63	--	3543.73
		5/6/2019	--	88.40	--	3543.96
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	88.54	--	3543.82
MW-19	3634.81 (h)	5/22/2017	--	89.92	--	3544.89
		11/13/2017	--	89.91	--	3544.9
		4/9/2018	--	89.93	--	3544.88
		10/2/2018	--	90.00	--	3544.81
		5/6/2019	--	89.78	--	3545.03
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	89.19	--	3545.62

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
MW-20R	3636.02 (h)	5/22/2017	--	90.56	--	3545.46
		11/13/2017	--	90.55	--	3545.47
		4/9/2018	--	90.54	--	3545.48
		10/2/2018	--	90.60	--	3545.42
		5/6/2019	--	90.46	--	3545.56
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	90.50	--	3545.52
MW-21	3635.35 (h)	5/22/2017	--	89.20	--	3546.15
		11/13/2017	--	89.23	--	3546.12
		4/9/2018	--	89.21	--	3546.14
		10/2/2018	--	89.22	--	3546.13
		5/6/2019	--	89.10	--	3546.25
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	89.15	--	3546.20
SVE-1	3637.06 (c)	12/1/1995	90.68	92.12	1.44	3546.09
		2/20/1996	90.52	92.12	1.60	3546.22
		5/1/1996	90.51	92.20	1.69	3546.21
	3638.21 (d)	1/17/1997	91.63	93.34	1.71	3546.24
		11/6/1997	91.45	93.59	2.14	3546.33
		12/29/1997	91.50	93.45	1.95	3546.32
		11/24/1998	91.12	94.65	3.53	3546.38
		1/28/1999	91.80	93.10	1.30	3546.15
		6/2/1999	91.79	92.49	0.70	3546.28
		6/4/1999	91.70	92.32	0.62	3546.39
		6/15/1999	91.84	92.58	0.74	3546.22
		6/24/1999	91.84	92.59	0.75	3546.22
		7/13/1999	--	91.95	--	3546.26
		7/27/1999	--	91.86	--	3546.35
		8/10/1999	91.97	92.35	0.38	3546.16
		8/24/1999	--	91.84	--	3546.37
		9/7/1999	--	92.16	--	3546.05
		9/23/1999	--	92.21	--	3546.00
		10/12/1999	--	92.09	--	3546.12
		10/26/1999	--	91.84	--	3546.37
		11/9/1999	--	91.82	--	3546.39
		11/24/1999	92.17	92.21	0.04	3546.03
		12/14/1999	--	91.79	--	3546.42
		12/28/1999	--	91.93	--	3546.28
		1/13/2000	--	92.05	--	3546.16
		1/20/2000	--	92.21	--	3546.00
		2/1/2000	--	92.11	--	3546.10
	3638.22 (f)	2/14/2000	92.19	92.32	0.13	3546.00
		2/22/2000	--	92.38	--	3545.84
		3/6/2000	--	92.01	--	3546.21
		3/27/2000	--	92.06	--	3546.16
		4/10/2000	--	92.16	--	3546.06
		4/27/2000	--	92.09	--	3546.13
		5/8/2000	--	92.05	--	3546.17
		5/25/2000	--	92.09	--	3546.13
		6/8/2000	--	92.07	--	3546.15
		6/26/2000	--	92.06	--	3546.16
		7/11/2000	--	92.11	--	3546.11

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-1 (cont.)	3638.22 (f)	7/27/2000	--	92.02	--	3546.20
		8/7/2000	--	91.98	--	3546.24
		8/24/2000	--	92.10	--	3546.12
		9/7/2000	--	92.16	--	3546.06
		9/25/2000	--	92.15	--	3546.07
		10/9/2000	--	92.06	--	3546.16
		10/17/2000	--	91.95	--	3546.27
		11/2/2000	--	92.39	--	3545.83
		11/22/2000	--	92.28	--	3545.94
		12/11/2000	--	92.04	--	3546.18
		1/5/2001	--	92.37	--	3545.85
		1/22/2001	92.26	92.27	0.01	3545.96
		2/9/2001	--	92.06	--	3546.16
		2/15/2001	--	92.20	sheen	3546.02
		3/9/2001	--	92.06	--	3546.16
		3/29/2001	--	91.95	sheen	3546.27
		8/8/2001	--	92.22	--	3546.00
		2/1/2002	--	92.03	--	3546.19
		2/11/2002	--	92.25	--	3545.97
		3/15/2002	--	92.23	--	3545.99
		8/5/2002	--	92.11	--	3546.11
		1/14/2003	92.30	92.31	0.01	3545.92
		10/13/2003	92.33	92.37	0.04	3545.88
		5/26/2004	92.35	92.42	0.07	3545.86
		11/10/2004	--	92.30	--	3545.92
		4/13/2005	--	92.36	--	3545.86
		11/29/2005	--	92.02	--	3546.20
		5/8/2006	--	92.09	--	3546.13
		12/11/2006	--	92.10	--	3546.12
		6/18/2007	--	91.84	--	3546.38
		12/5/2007	--	92.06	--	3546.16
		5/20/2008	--	91.99	--	3546.23
		12/8/2008	--	92.07	--	3546.15
		4/30/2009	--	92.04	--	3546.18
		1/27/2010	--	92.19	--	3546.03
		11/15/2010	--	92.17	--	3546.05
		5/17/2011	--	92.25	--	3545.97
		12/12/2011	92.32	92.51	0.19	3545.86
		4/23/2012	92.32	92.53	0.21	3545.86
		10/16/2012	--	92.34	--	3545.88
		5/7/2013	92.39	92.55	0.16	3545.80
		12/18/2013	92.4	92.71	0.31	3545.76
		4/29/2014	92.46	92.80	0.34	3545.69
		5/11/2015	92.56	92.82	0.26	3545.61
		6/13/2016	92.58	92.60	0.02	3545.64
		12/5/2016	92.49	92.50	0.01	3545.73
		5/22/2017	--	92.48	--	3545.74
		11/13/2017	--	92.46	--	3545.76
	3638.29 (h)	10/2/2018	--	92.47	--	3545.82
		5/6/2019	--	92.39	--	3545.90
		11/11/2019	Electronic Field Data Lost			

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-2	3636.49 (c)	12/1/1995	--	90.18	--	3546.31
		2/20/1996	--	90.22	--	3546.27
		5/1/1996	--	90.21	--	3546.28
	3637.53 (c)	1/17/1997	--	91.20	--	3546.33
		11/6/1997	--	91.10	--	3546.43
		12/29/1997	--	91.13	--	3546.40
		8/4/1998	--	91.32	--	3546.21
		11/24/1998	--	91.30	--	3546.23
		2/10/1999	--	91.21	--	3546.32
		6/2/1999	--	91.34	--	3546.19
		8/10/1999	--	91.36	--	3546.17
	3637.53 (f)	2/14/2000	--	91.48	--	3546.05
		10/17/2000	--	91.41	--	3546.12
		2/15/2001	--	91.47	--	3546.06
		8/8/2001	--	91.46	--	3546.07
		2/1/2002	--	91.51	--	3546.02
		2/11/2002	--	91.51	--	3546.02
		3/15/2002	--	91.50	--	3546.03
		8/5/2002	--	91.42	--	3546.11
		1/14/2003	--	91.57	--	3545.96
		10/13/2003	--	91.61	--	3545.92
		5/26/2004	--	91.66	--	3545.87
		11/10/2004	--	91.58	--	3545.95
		4/13/2005	--	91.65	--	3545.88
		11/29/2005	--	91.37	--	3546.16
		5/8/2006	--	91.35	--	3546.18
		12/11/2006	--	91.35	--	3546.18
		6/18/2007	--	91.19	--	3546.34
		12/5/2007	--	91.37	--	3546.16
		5/20/2008	--	90.20	--	3547.33
		12/8/2008	--	90.24	--	3547.29
		4/30/2009	--	90.24	--	3547.29
		1/27/2010	--	90.35	--	3547.18
		11/15/2010	--	90.35	--	3547.18
		5/17/2011	--	90.44	--	3547.09
		12/12/2011	--	90.54	--	3546.99
		4/23/2012	--	90.53	--	3547.00
		10/16/2012	--	90.52	--	3547.01
		5/7/2013	--	90.58	--	3546.95
		12/18/2013	--	90.63	--	3546.90
		4/29/2014	--	90.71	--	3546.82
		10/20/2014	--	90.74	--	3546.79
		5/11/2015	--	90.77	--	3546.76
		11/9/2015	--	90.71	--	3546.82
		6/13/2016	--	90.77	--	3546.76
		12/5/2016	90.66	90.66	--	3546.87
		5/22/2017	--	90.65	--	3546.88
		11/13/2017	--	90.62	--	3546.91
	3636.53 (h)	10/2/2018	--	90.63	--	3545.9
		5/6/2019	--	90.51	--	3546.02
		11/11/2019	Electronic Field Data Lost			

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-3	3636.44 (c)	12/1/1995	90.00	90.30	0.30	3546.38
		2/20/1996	89.52	92.37	2.85	3546.35
		5/1/1996	89.38	92.92	3.54	3546.35
	3637.62 (d)	1/17/1997	90.65	93.60	2.95	3546.38
		11/6/1997	90.65	93.00	2.35	3546.50
		12/29/1997	90.50	93.70	3.20	3546.48
		1/16/1999	--	90.83	--	3546.79
		1/28/1999	--	91.06	--	3546.56
		2/8/1999	--	91.10	--	3546.52
		2/10/1999	--	91.04	--	3546.58
		6/2/1999	--	90.95	--	3546.67
		6/5/1999	--	91.20	--	3546.42
		6/15/1999	91.40	91.45	0.05	3546.21
		6/24/1999	91.46	91.48	0.02	3546.16
		7/13/1999	91.49	91.54	0.05	3546.12
		7/27/1999	91.52	91.57	0.05	3546.09
		8/10/1999	91.38	91.50	0.12	3546.22
		8/24/1999	91.43	91.57	0.14	3546.16
		9/7/1999	91.54	91.61	0.07	3546.07
		9/23/1999	91.50	91.58	0.08	3546.10
		10/12/1999	91.48	91.64	0.16	3546.11
		10/26/1999	91.47	91.60	0.13	3546.12
		11/9/1999	91.42	91.55	0.13	3546.17
		11/24/1999	91.45	91.59	0.14	3546.14
		12/14/1999	91.44	91.60	0.16	3546.15
		12/28/1999	91.38	91.54	0.16	3546.21
		1/13/2000	91.50	91.59	0.09	3546.10
		1/20/2000	91.45	91.58	0.13	3546.14
		2/1/2000	91.46	91.56	0.10	3546.14
	3637.62 (f)	2/14/2000	91.46	91.55	0.09	3546.14
		2/22/2000	91.45	91.52	0.07	3546.16
		3/6/2000	91.45	91.48	0.03	3546.16
		3/27/2000	91.46	91.51	0.05	3546.15
		4/10/2000	91.46	91.49	0.03	3546.15
		4/27/2000	91.52	91.53	0.01	3546.10
		5/8/2000	91.47	91.48	0.01	3546.15
		5/25/2000	91.49	91.50	0.01	3546.13
		6/8/2000	91.49	91.50	0.01	3546.13
		6/26/2000	--	91.54	--	3546.08
		7/11/2000	91.52	91.53	0.01	3546.10
		7/27/2000	91.53	91.54	0.01	3546.09
		8/7/2000	--	91.51	--	3546.11
		8/24/2000	--	91.51	--	3546.11
		9/7/2000	--	91.52	--	3546.10
		9/25/2000	--	91.51	--	3546.11
		10/9/2000	--	91.50	--	3546.12
		10/17/2000	--	91.50	--	3546.12
		11/2/2000	--	90.46	--	3547.16
		11/22/2000	--	91.49	--	3546.13
		12/11/2000	--	91.51	--	3546.11
		1/5/2001	91.53	91.54	0.01	3546.09
		1/22/2001	91.49	91.51	0.02	3546.13
		2/9/2001	91.61	91.67	0.06	3546.00
		2/15/2001	91.48	91.50	0.02	3546.14
		3/9/2001	91.51	91.53	0.02	3546.11
		3/29/2001	91.51	91.53	0.02	3546.11

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-3 (cont.)	3637.62 (f)	8/8/2001	91.48	91.50	0.02	3546.14
		2/1/2002	91.60	91.68	0.08	3546.00
		2/11/2002	91.51	91.53	0.02	3546.11
		3/15/2002	--	91.49	sheen	3546.13
		8/5/2002	91.49	91.51	0.02	3546.13
		1/14/2003	91.55	91.58	0.03	3546.06
		10/13/2003	91.61	91.65	0.04	3546.00
		5/26/2004	91.62	91.68	0.06	3545.99
		11/10/2004	91.62	91.70	0.08	3545.98
		4/13/2005	--	91.64	--	3545.98
		11/29/2005	--	91.45	--	3546.17
		5/8/2006	91.36	91.44	0.08	3546.24
		12/11/2006	91.34	91.45	0.11	3546.26
		6/18/2007	91.26	91.37	0.11	3546.34
		12/5/2007	91.33	91.45	0.12	3546.27
		5/20/2008	91.33	91.45	0.12	3546.27
		12/8/2008	91.34	91.44	0.10	3546.26
		4/30/2009	91.33	91.44	0.11	3546.27
		1/27/2010	--	91.42	--	3546.20
		11/15/2010	--	91.48	--	3546.14
		5/17/2011	90.515	90.52	0.005	3547.10
		12/12/2011	91.61	91.64	0.03	3546.00
		4/23/2012	91.60	91.62	0.02	3546.02
		10/16/2012	91.62	91.63	0.01	3546.00
		5/7/2013	--	91.68	--	3545.94
		12/18/2013	--	91.71	--	3545.91
		4/29/2014	--	91.81	--	3545.81
		10/20/2014	--	91.83	--	3545.79
		5/11/2015	--	91.88	--	3545.74
		11/9/2015	--	91.79	--	3545.83
		6/13/2016	--	91.83	--	3545.79
		12/5/2016	--	90.14	--	3547.48
		5/22/2017	--	91.79	--	3545.83
		11/13/2017	--	91.72	--	3545.90
	3637.70 (h)	10/2/2018	--	91.79	--	3545.91
		5/6/2019	--	91.61	--	3546.09
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	91.71	--	3545.99

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-4	3636.95 (d)	11/12/1997	--	89.69	--	3547.26
		12/29/1997	90.40	92.30	1.90	3546.17
		11/24/1998	89.14	93.54	4.40	3546.93
	3636.49 (e)	1/6/1999	87.70	91.75	4.05	3547.98
		2/8/1999	89.85	93.26	3.41	3545.96
		6/2/1999	89.65	90.82	1.17	3546.61
		6/4/1999	89.75	90.73	0.98	3546.54
		6/15/1999	89.73	90.76	1.03	3546.55
		6/24/1999	88.76	89.80	1.04	3547.52
		7/13/1999	89.79	90.71	0.92	3546.52
		7/27/1999	89.99	90.70	0.71	3546.36
		8/24/1999	89.79	90.28	0.49	3546.60
		9/7/1999	89.92	90.40	0.48	3546.47
		9/23/1999	89.79	90.19	0.40	3546.62
		10/12/1999	89.95	90.34	0.39	3546.46
		10/26/1999	89.89	90.25	0.36	3546.53
		11/9/1999	89.80	90.17	0.37	3546.62
		11/24/1999	90.48	90.85	0.37	3545.94
		12/14/1999	89.76	90.18	0.42	3546.65
		12/28/1999	90.18	90.64	0.46	3546.22
		1/13/2000	90.04	90.42	0.38	3546.37
		1/20/2000	89.76	90.14	0.38	3546.65
		2/1/2000	90.06	90.49	0.43	3546.34
	3636.48 (f)	2/14/2000	90.47	91.03	0.56	3545.90
		2/22/2000	90.40	90.80	0.40	3546.00
		3/6/2000	89.70	90.14	0.44	3546.69
		3/27/2000	89.88	90.31	0.43	3546.51
		4/10/2000	89.91	90.22	0.31	3546.51
		4/27/2000	89.96	90.18	0.22	3546.48
		5/8/2000	89.82	89.98	0.16	3546.63
		5/25/2000	89.81	89.95	0.14	3546.64
		6/8/2000	89.88	90.00	0.12	3546.58
		6/26/2000	89.85	89.95	0.10	3546.61
		7/11/2000	89.98	90.04	0.06	3546.49
		7/27/2000	89.86	89.92	0.06	3546.61
		8/7/2000	89.84	89.89	0.05	3546.63
		8/24/2000	89.96	89.98	0.02	3546.52
		9/7/2000	89.99	90.00	0.01	3546.49
		9/25/2000	90.06	90.08	0.02	3546.42
		10/9/2000	--	89.85	--	3546.63
		10/17/2000	90.13	90.15	0.02	3546.35
		11/2/2000	90.57	90.60	0.03	3545.90

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
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Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-4 (cont.)	3636.48 (f)	11/22/2000	90.55	90.66	0.11	3545.91
		12/11/2000	89.89	89.97	0.08	3546.57
		1/5/2001	90.59	90.70	0.11	3545.87
		1/22/2001	90.44	90.63	0.19	3546.00
		2/9/2001	89.97	90.50	0.53	3546.40
		2/15/2001	90.54	90.68	0.14	3545.91
		3/9/2001	89.95	90.26	0.31	3546.47
		3/29/2001	89.88	89.94	0.06	3546.59
		8/8/2001	--	90.52	--	3545.96
		2/1/2002	90.27	90.80	0.53	3546.10
		2/11/2002	91.47	92.35	0.88	3544.83
		3/15/2002	--	90.60	--	3545.88
		8/5/2002	--	89.79	--	3546.69
		1/14/2003	--	90.71	--	3545.77
		10/13/2003	--	90.76	--	3545.72
		5/26/2004	--	90.80	--	3545.68
		11/10/2004	--	90.70	--	3545.78
		4/13/2005	--	90.77	--	3545.71
		11/29/2005	--	90.15	--	3546.33
		5/8/2006	--	90.51	--	3545.97
		12/11/2006	--	90.53	--	3545.95
		6/18/2007	--	90.28	--	3546.20
		12/5/2007	--	90.47	--	3546.01
		5/20/2008	--	90.41	--	3546.07
		12/8/2008	--	90.48	--	3546.00
		4/30/2009	--	90.47	--	3546.01
		1/27/2010	--	90.62	--	3545.86
		11/15/2010	--	89.88	--	3546.60
		5/17/2011	--	90.72	--	3545.76
		12/12/2011	--	90.81	--	3545.67
		4/23/2012	--	90.80	--	3545.68
		10/16/2012	--	90.78	--	3545.70
		5/7/2013	--	90.88	--	3545.60
		12/18/2013	--	90.17	--	3546.31
		4/29/2014	90.80	90.81	0.01	3545.68
		5/11/2015	--	91.09	--	3545.39
		6/13/2016	--	91.08	--	3545.40
		12/5/2016	--	91.00	--	3545.48
		5/22/2017	--	90.99	--	3545.49
		11/13/2017	--	90.95	--	3545.53
	3636.77 (h)	10/2/2018	--	91.07	--	3545.70
		5/6/2019	--	88.90	--	3547.87
		11/11/2019	Electronic Field Data Lost			

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-5	3635.65 (d)	11/12/1997	--	89.60	--	3546.05
		12/29/1997	--	89.59	--	3546.06
		1/9/1998	--	89.75	--	3545.90
		11/24/1998	--	89.60	--	3546.05
		2/10/1999	--	89.67	--	3545.98
		6/2/1999	--	89.59	--	3546.06
		8/10/1999	--	89.71	--	3545.94
	3635.66 (f)	2/14/2000	--	89.85	--	3545.81
		10/17/2000	--	89.59	--	3546.07
		2/15/2001	--	89.86	--	3545.80
		8/8/2001	--	89.82	--	3545.84
		3/15/2002	--	89.88	--	3545.78
		8/5/2002	--	89.75	--	3545.91
		1/14/2003	--	89.97	--	3545.69
		10/13/2003	--	89.98	--	3545.68
		5/26/2004	--	90.04	--	3545.62
		11/10/2004	--	89.93	--	3545.73
		4/13/2005	--	89.97	--	3545.69
		11/29/2005	--	89.68	--	3545.98
		5/8/2006	--	89.75	--	3545.91
		12/11/2006	--	89.76	--	3545.90
		6/18/2007	--	89.58	--	3546.08
		12/5/2007	--	89.71	--	3545.95
		5/20/2008	--	89.68	--	3545.98
		12/8/2008	--	89.74	--	3545.92
		4/30/2009	--	89.72	--	3545.94
		1/27/2010	--	89.86	--	3545.80
		11/15/2010	--	89.84	--	3545.82
		5/17/2011	--	89.93	--	3545.73
		12/12/2011	--	90.04	--	3545.62
		4/23/2012	--	90.02	--	3545.64
		10/16/2012	--	90.00	--	3545.66
		5/7/2013	--	90.10	--	3545.56
		12/18/2013	--	90.14	--	3545.52
		4/29/2014	--	90.20	--	3545.46
		10/20/2014	90.24	90.24	Sheen	3545.42
		5/11/2015	--	90.26	--	3545.40
		11/9/2015	--	90.28	--	3545.38
		6/13/2016	--	90.24	--	3545.42
		12/5/2016	--	90.14	--	3545.52
		5/22/2017	--	90.12	--	3545.54
		11/13/2017	--	90.13	--	3545.53
	3635.77 (h)	10/2/2018	--	90.15	--	3545.62
		5/6/2019	--	89.90	--	3545.87
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	90.10	--	3545.87

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-6	3636.38 (d)	11/12/1997	--	90.20	--	3546.18
		12/29/1997	--	90.20	--	3546.18
		1/9/1998	--	90.25	--	3546.13
		11/24/1998	--	90.20	--	3546.18
		2/10/1999	--	90.27	--	3546.11
		6/2/1999	--	90.13	--	3546.25
		8/10/1999	--	90.23	--	3546.15
	3636.38 (f)	2/14/2000	--	90.44	--	3545.94
		10/17/2000	--	90.19	--	3546.19
		2/15/2001	--	90.43	--	3545.95
		8/8/2001	--	90.40	--	3545.98
		3/15/2002	--	90.49	--	3545.89
		8/5/2002	--	90.32	--	3546.06
		1/14/2003	--	90.56	--	3545.82
		10/13/2003	--	90.60	--	3545.78
		5/26/2004	--	90.64	--	3545.74
		11/10/2004	--	90.51	--	3545.87
		4/13/2005	--	90.58	--	3545.80
		11/29/2005	--	90.21	--	3546.17
		5/8/2006	--	90.36	--	3546.02
		12/11/2006	--	90.37	--	3546.01
		6/18/2007	--	90.12	--	3546.26
		12/5/2007	--	90.28	--	3546.10
		5/20/2008	--	90.26	--	3546.12
		12/8/2008	--	90.34	--	3546.04
		4/30/2009	--	90.30	--	3546.08
		1/27/2010	--	90.46	--	3545.92
		11/15/2010	--	90.43	--	3545.95
		5/17/2011	--	90.53	--	3545.85
		12/12/2011	--	90.63	--	3545.75
		4/23/2012	--	90.62	--	3545.76
		10/16/2012	--	90.60	--	3545.78
		5/7/2013	--	90.68	--	3545.70
		12/18/2013	--	90.74	--	3545.64
		4/29/2014	--	92.07	--	3544.31
		10/20/2014	--	90.85	--	3545.53
		5/11/2015	--	91.86	--	3544.52
		11/9/2015	--	90.81	--	3545.57
		6/13/2016	--	90.84	--	3545.54
		12/5/2016	--	90.77	--	3545.61
		5/22/2017	--	90.82	--	3545.56
		11/13/2017	--	90.71	--	3545.67
	3636.46 (h)	10/2/2018	--	90.81	--	3545.65
		5/6/2019	--	90.60	--	3545.86
		11/11/2019	Electronic Field Data Lost			
		1/15/2020	--	90.73	--	3545.73

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-7	3637.01 (d)	11/12/1997	--	89.61	--	3547.40
		12/29/1997	--	90.52	--	3546.49
		8/4/1998	--	90.58	--	3546.43
		11/24/1998	--	90.71	--	3546.30
		2/10/1999	--	90.60	--	3546.41
		6/2/1999	--	89.61	--	3547.40
		8/10/1999	--	89.80	--	3547.21
	3636.01 (f)	2/14/2000	--	89.88	--	3546.13
		10/17/2000	--	89.87	--	3546.14
		2/15/2001	--	89.89	--	3546.12
		8/8/2001	--	89.89	--	3546.12
		3/15/2002	--	89.94	--	3546.07
		8/5/2002	--	89.90	--	3546.11
		1/14/2003	--	89.99	--	3546.02
		10/13/2003	--	90.04	--	3545.97
		5/26/2004	--	90.70	--	3545.31
		11/10/2004	--	90.04	--	3545.97
		4/13/2005	--	90.03	--	3545.98
		11/29/2005	--	89.88	--	3546.13
		5/8/2006	--	89.80	--	3546.21
		12/11/2006	--	89.76	--	3546.25
		6/18/2007	--	89.68	--	3546.33
		12/5/2007	--	89.77	--	3546.24
		5/20/2008	--	89.72	--	3546.29
		12/8/2008	--	89.76	--	3546.25
		4/30/2009	--	89.76	--	3546.25
		1/27/2010	--	89.86	--	3546.15
		11/15/2010	--	89.89	--	3546.12
		5/17/2011	--	89.94	--	3546.07
		12/12/2011	--	90.03	--	3545.98
		4/23/2012	--	90.04	--	3545.97
		10/16/2012	--	90.04	--	3545.97
		5/7/2013	--	90.10	--	3545.91
		12/18/2013	--	90.13	--	3545.88
		4/29/2014	--	90.30	--	3545.71
		10/20/2014	--	90.25	--	3545.76
		5/11/2015	--	90.29	--	3545.72
		11/9/2015	--	90.22	--	3545.79
		6/13/2016	--	90.29	--	3545.72
		12/5/2016	--	90.20	--	3545.81
		5/22/2017	--	90.20	--	3545.81
		11/13/2017	--	90.15	--	3545.86
	3636.09 (h)	10/2/2018	--	90.15	--	3545.94
		5/6/2019	--	90.05	--	3546.04
		11/11/2019	Electronic Field Data Lost			

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-8	---	6/2/1999	89.15	92.09	2.94	---
	3637.71 (e)	6/4/1999	90.75	92.63	1.88	3546.58
		6/15/1999	89.19	92.46	3.27	3547.87
		7/13/1999	89.85	92.20	2.35	3547.39
		7/27/1999	90.26	92.50	2.24	3547.00
		8/24/1999	90.00	92.32	2.32	3547.25
		9/16/1999	89.63	91.86	2.23	3547.63
		9/30/1999	90.40	92.26	1.86	3546.94
		10/19/1999	90.91	92.48	1.57	3546.49
		10/26/1999	90.93	93.12	2.19	3546.34
		11/9/1999	90.73	92.99	2.26	3546.53
		11/24/1999	91.47	92.85	1.38	3545.96
		12/14/1999	90.49	92.88	2.39	3546.74
		1/4/2000	90.88	93.02	2.14	3546.40
		1/20/2000	89.29	91.10	1.81	3548.06
	3637.72 (f)	2/14/2000	91.70	92.23	0.53	3545.91
		6/26/2000	89.58	91.62	2.04	3547.73
		7/27/2000	89.96	91.65	1.69	3547.42
		8/7/2000	89.95	92.16	2.21	3547.33
		8/24/2000	90.41	92.61	2.20	3546.87
		9/7/2000	90.08	92.21	2.13	3547.21
		2/15/2001	91.80	92.01	0.21	3545.88
		3/9/2001	90.33	92.54	2.21	3546.95
		3/29/2001	90.75	93.39	2.64	3546.44
		8/8/2001	90.45	91.98	1.53	3546.96
		2/1/2002	91.65	91.74	0.09	3546.05
		2/11/2002	91.70	92.55	0.85	3545.85
		3/15/2002	91.64	92.79	1.15	3545.85
		8/5/2002	90.65	90.68	0.03	3547.06
		1/14/2003	90.86	90.91	0.05	3546.85
		10/13/2003	90.92	90.95	0.03	3546.79
		5/26/2004	91.97	92.59	0.62	3545.63
		11/10/2004	--	91.90	--	3545.82
		4/13/2005	91.75	93.19	1.44	3545.68
		11/29/2005	--	91.32	--	3546.40
		5/8/2006	91.34	93.23	1.89	3546.00
		12/11/2006	91.49	92.86	1.37	3545.96
		6/18/2007	91.39	91.71	0.32	3546.27
		12/5/2007	91.58	91.59	0.01	3546.14
		5/20/2008	91.38	92.60	1.22	3546.10
		12/8/2008	91.49	92.53	1.04	3546.02
		4/30/2009	91.46	92.61	1.15	3546.03
		1/27/2010	91.73	92.31	0.58	3545.87
		11/15/2010	91.84	92.05	0.21	3545.84
		5/17/2011	91.96	91.97	0.01	3545.76
		12/12/2011	--	92.08	--	3545.64
		4/23/2012	92.10	92.10	sheen	3545.62
		10/16/2012	91.86	92.43	0.57	3545.75
		5/7/2013	92.04	92.07	0.03	3545.67
		12/18/2013	--	92.08	--	3545.64
		4/29/2014	92.15	92.16	0.01	3545.57
		5/11/2015	--	92.24	--	3545.48
		6/13/2016	--	92.19	--	-92.19
		12/5/2016	--	92.13	--	3545.59
		5/22/2017	--	92.11	--	3545.61
		11/13/2017	--	92.10	--	3545.62
	3637.88 (h)	10/2/2018	--	92.10	--	3545.78
		5/6/2019	--	92.02	--	3545.86
		11/11/2019	Electronic Field Data Lost			

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-9	---	6/2/1999	89.28	91.56	2.28	---
	3637.48 (e)	6/4/1999	90.41	93.14	2.73	3546.52
		7/20/1999	90.09	92.80	2.71	3546.85
		8/3/1999	90.05	92.98	2.93	3546.84
		8/10/1999	90.96	93.27	2.31	3546.06
		9/2/1999	90.40	93.48	3.08	3546.46
		9/20/1999	89.66	92.03	2.37	3547.35
		10/5/1999	91.02	93.25	2.23	3546.01
		10/19/1999	91.14	93.23	2.09	3545.92
		11/9/1999	90.35	92.84	2.49	3546.63
		11/24/1999	91.16	93.12	1.96	3545.93
		12/14/1999	90.20	92.73	2.53	3546.77
		1/4/2000	90.62	92.23	1.61	3546.54
	3637.51 (f)	2/14/2000	91.23	92.97	1.74	3545.93
		8/7/2000	90.77	92.87	2.10	3546.32
		2/15/2001	91.44	92.10	0.66	3545.94
		8/8/2001	89.99	91.41	1.42	3547.24
		2/1/2002	91.29	91.97	0.68	3546.08
		2/11/2002	91.42	92.44	1.02	3545.89
		3/15/2002	91.38	92.53	1.15	3545.90
		8/5/2002	90.10	90.36	0.26	3547.36
		1/14/2003	91.57	92.15	0.58	3545.82
		10/13/2003	91.99	92.65	0.66	3545.39
		5/26/2004	91.91	92.90	0.99	3545.40
		11/10/2004	--	91.33	--	3546.18
		4/13/2005	91.65	91.88	0.23	3545.81
		11/29/2005	91.10	91.11	0.01	3546.41
		5/8/2006	91.34	91.71	0.37	3546.10
		12/11/2006	91.37	91.75	0.38	3546.06
		6/18/2007	--	91.14	--	3546.37
		5/20/2008	--	91.32	--	3546.19
		12/8/2008	--	91.81	--	3545.70
		4/30/2009	91.39	91.39	sheen	3546.12
		1/27/2010	--	91.55	--	3545.96
		11/15/2010	--	90.26	--	3547.25
		5/17/2011	--	91.61	--	3545.90
		12/12/2011	--	90.45	--	3547.06
		4/23/2012	--	92.16	--	3545.35
		10/16/2012	--	92.11	--	3545.40
		5/7/2013	--	92.21	--	3545.30
		12/18/2013	--	92.24	--	3545.27
		4/29/2014	--	91.88	--	3545.63
		5/11/2015	--	92.39	--	3545.12
		6/13/2016	--	92.36	--	-92.36
		12/5/2016	--	92.28	--	3545.23
		5/22/2017	--	91.86	--	3545.65
		11/13/2017	--	90.56	--	3546.95
	3636.32 (h)	10/2/2018	--	90.59	--	3545.73
		5/6/2019	--	90.45	--	3545.87
		11/11/2019	Electronic Field Data Lost			

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-10	---	6/2/1999	--	89.90	--	---
	3637.38 (e)	6/4/1999	--	91.20	--	3546.18
		6/28/1999	89.72	90.89	1.17	3547.43
		7/6/1999	89.51	91.61	2.10	3547.45
		7/27/1999	90.59	93.59	3.00	3546.19
		8/10/1999	90.88	93.51	2.63	3545.97
		8/24/1999	90.70	93.25	2.55	3546.17
		9/7/1999	90.65	93.44	2.79	3546.17
		9/23/1999	90.62	93.18	2.56	3546.25
		10/12/1999	90.79	93.49	2.70	3546.05
		10/26/1999	90.84	93.09	2.25	3546.09
		11/9/1999	90.76	92.98	2.22	3546.18
		11/24/1999	90.43	92.42	1.99	3546.55
		12/14/1999	90.67	92.91	2.24	3546.26
		2/1/2000	89.89	92.41	2.52	3546.99
	3637.36 (f)	2/14/2000	91.06	93.19	2.13	3545.87
		2/22/2000	90.84	91.68	0.84	3546.35
		3/6/2000	90.75	91.96	1.21	3546.37
		3/27/2000	91.06	91.53	0.47	3546.21
		4/10/2000	90.07	92.14	2.07	3546.88
		5/25/2000	90.25	92.15	1.90	3546.73
		6/8/2000	90.76	92.83	2.07	3546.19
		6/26/2000	90.61	92.01	1.40	3546.47
		7/27/2000	90.58	91.78	1.20	3546.54
		8/7/2000	90.94	92.39	1.45	3546.13
		8/24/2000	91.16	92.01	0.85	3546.03
		2/15/2001	91.51	91.72	0.21	3545.81
		8/8/2001	91.31	92.52	1.21	3545.81
		2/1/2002	91.34	92.55	1.21	3545.78
		2/11/2002	91.46	92.74	1.28	3545.64
		3/15/2002	91.48	92.39	0.91	3545.70
		8/5/2002	90.22	90.36	0.14	3547.11
		1/14/2003	91.48	92.45	0.97	3545.69
		10/13/2003	91.47	92.69	1.22	3545.65
		5/26/2004	91.62	92.19	0.57	3545.63
		11/10/2004	--	91.47	--	3545.89
		4/13/2005	91.47	92.88	1.41	3545.61
		11/29/2005	--	91.35	--	3546.01
		5/8/2006	91.48	91.65	0.17	3545.85
		12/11/2006	91.52	92.05	0.53	3545.73
		6/18/2007	90.02	90.05	0.03	3547.33
		12/5/2007	91.49	91.53	0.04	3545.86
		5/20/2008	--	91.35	--	3546.01
		12/8/2008	--	91.45	--	3545.91
		4/30/2009	91.43	91.44	0.01	3545.93
		1/27/2010	--	91.56	--	3545.80
		11/15/2010	--	90.30	--	3547.06
		5/17/2011	--	91.89	--	3545.47
		12/12/2011	--	90.49	--	3546.87
		4/23/2012	--	90.49	--	3546.87
		10/16/2012	--	91.85	--	3545.51
		5/7/2013	--	91.94	--	3545.42
		12/18/2013	--	90.58	--	3546.78
		4/29/2014	--	92.07	--	3545.29
		5/11/2015	--	92.15	--	3545.21
		6/13/2016	--	92.36	--	3545.00
		12/5/2016	--	92.03	--	3545.33
		5/22/2017	--	92.00	--	3545.36
		11/13/2017	--	92.00	--	3545.36

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-10 (Cont.)	3637.75 (h)	10/2/2018	--	92.04	--	3545.71
		5/6/2019	--	91.91	--	3545.84
		11/11/2019	Electronic Field Data Lost			
SVE-11	---	6/2/1999	--	90.89	--	---
	3637.31 (e)	6/4/1999	--	91.45	--	3545.86
		6/15/1999	--	91.44	--	3545.87
		6/24/1999	--	91.47	--	3545.84
		7/13/1999	--	91.46	--	3545.85
		7/27/1999	--	91.51	--	3545.80
		8/10/1999	--	91.45	--	3545.86
		8/24/1999	--	91.40	--	3545.91
		9/7/1999	--	91.42	--	3545.89
		9/23/1999	--	91.51	--	3545.80
		10/12/1999	--	91.51	--	3545.80
		10/26/1999	--	91.48	--	3545.83
		11/9/1999	--	91.44	--	3545.87
		11/24/1999	--	91.49	--	3545.82
		12/14/1999	--	91.45	--	3545.86
		12/28/1999	--	91.45	--	3545.86
		1/13/2000	--	91.59	--	3545.72
		1/20/2000	--	91.48	--	3545.83
		2/1/2000	--	91.53	--	3545.78
	3637.31 (f)	2/14/2000	--	91.53	--	3545.78
		2/22/2000	--	91.48	--	3545.83
		3/6/2000	--	91.43	--	3545.88
		3/27/2000	--	91.58	--	3545.73
		4/10/2000	--	91.48	--	3545.83
		4/27/2000	--	91.54	--	3545.77
		5/8/2000	--	91.47	--	3545.84
		5/25/2000	--	91.52	--	3545.79
		6/8/2000	--	91.51	--	3545.80
		6/26/2000	--	91.52	--	3545.79
		7/11/2000	--	91.51	--	3545.80
		7/27/2000	--	91.50	--	3545.81
		8/7/2000	--	91.51	--	3545.80
		8/24/2000	--	91.50	--	3545.81
		9/7/2000	--	91.49	--	3545.82
		10/9/2000	--	91.51	--	3545.80
		10/17/2000	--	91.45	--	3545.86
	3637.31 (f)	11/2/2000	--	91.51	--	3545.80
		11/22/2000	--	91.50	--	3545.81
		12/11/2000	--	91.51	--	3545.80
		1/5/2001	--	91.52	--	3545.79
		1/22/2001	--	91.52	--	3545.79
		2/9/2001	--	91.53	--	3545.78
		2/15/2001	--	91.54	--	3545.77
		3/9/2001	--	91.52	--	3545.79
		3/29/2001	--	91.52	--	3545.79
		8/8/2001	--	91.54	--	3545.77
		2/1/2002	--	91.72	--	3545.59
		3/15/2002	--	91.65	--	3545.66
		8/5/2002	--	90.44	--	3546.87
		1/14/2003	--	91.76	--	3545.55
		10/13/2003	--	91.78	--	3545.53
		5/26/2004	--	91.88	--	3545.43

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-11 (cont.)	3637.31 (f)	11/10/2004	--	91.83	--	3545.48
		4/13/2005	--	91.81	--	3545.50
		11/29/2005	--	91.63	--	3545.68
		5/8/2006	--	90.41	--	3546.90
		12/11/2006	--	90.42	--	3546.89
		6/18/2007	--	90.25	--	3547.06
		12/5/2007	--	90.38	--	3546.93
		5/20/2008	--	90.34	--	3546.97
		12/8/2008	--	90.42	--	3546.89
		4/30/2009	--	90.39	--	3546.92
		1/27/2010	--	90.50	--	3546.81
		11/15/2010	--	90.50	--	3546.81
		5/17/2011	--	90.57	--	3546.74
		12/12/2011	--	90.66	--	3546.65
		4/23/2012	--	90.66	--	3546.65
		10/16/2012	--	91.81	--	3545.50
		5/7/2013	--	90.73	--	3546.58
		12/18/2013	--	90.76	--	3546.55
		4/29/2014	--	91.98	--	3545.33
		10/20/2014	--	92.03	--	3545.28
		5/11/2015	--	92.05	--	3545.26
		11/9/2015	--	92.06	--	3545.25
		6/13/2016	--	92.05	--	3545.26
		12/5/2016	--	91.96	--	3545.35
		5/22/2017	--	91.95	--	3545.36
		11/13/2017	--	91.93	--	3545.38
	3637.57 (h)	10/2/2018	--	91.97	--	3545.60
		5/6/2019	--	91.80	--	3545.77
		11/11/2019	Electronic Field Data Lost			
SVE-12	---	6/2/1999	88.75	91.36	2.61	---
	3637.39 (e)	6/4/1999	90.34	92.64	2.30	3546.59
		6/24/1999	90.81	93.71	2.90	3546.00
		7/1/1999	88.78	92.09	3.31	3547.95
		7/15/1999	90.51	93.29	2.78	3546.32
		8/10/1999	90.95	93.08	2.13	3546.01
		8/24/1999	90.50	92.61	2.11	3546.47
		9/9/1999	90.48	93.16	2.68	3546.37
		9/23/1999	90.19	92.42	2.23	3546.75
		10/12/1999	90.61	93.28	2.67	3546.25
		10/28/1999	90.57	92.93	2.36	3546.35
		11/9/1999	90.60	93.08	2.48	3546.29
		11/24/1999	91.06	93.22	2.16	3545.90
		12/14/1999	90.45	93.19	2.74	3546.39
		1/20/2000	89.20	90.99	1.79	3547.83
		2/1/2000	89.03	90.84	1.81	3548.00
	3637.41 (f)	2/14/2000	91.16	93.01	1.85	3545.88
		10/9/2000	90.15	91.51	1.36	3546.99
		11/2/2000	91.11	93.05	1.94	3545.91
		10/17/2000	90.93	92.49	1.56	3546.17
		2/15/2001	91.45	91.76	0.31	3545.90
		8/8/2001	90.38	90.50	0.12	3547.01
		2/1/2002	--	90.37	--	3547.04
		2/11/2002	--	90.62	--	3546.79
		3/15/2002	91.38	92.27	0.89	3545.85
		8/5/2002	90.34	90.54	0.20	3547.03
		1/14/2003	91.50	92.03	0.53	3545.80
		10/13/2003	91.49	92.29	0.80	3545.76

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-12 (Cont.)	3637.41 (f)	5/26/2004	91.94	92.78	0.84	3545.30
		11/10/2004	91.32	92.88	1.56	3545.78
		4/13/2005	91.64	91.65	0.01	3545.77
		11/29/2005	91.19	91.20	0.01	3546.22
		5/8/2006	91.04	92.58	1.54	3546.06
		12/11/2006	91.29	92.16	0.87	3545.95
		6/18/2007	90.10	90.11	0.01	3547.31
		12/5/2007	90.30	90.31	0.01	3547.11
		5/20/2008	--	90.19	--	3547.22
		12/8/2008	--	90.29	--	3547.12
		4/30/2009	90.26	90.26	sheen	3547.15
		1/27/2010	--	90.41	--	3547.00
		11/15/2010	--	90.40	--	3547.01
		5/17/2011	--	90.50	--	3546.91
		12/12/2011	--	90.59	--	3546.82
		4/23/2012	--	90.57	--	3546.84
		10/16/2012	--	90.54	--	3546.87
		5/7/2013	--	90.62	--	3546.79
		12/18/2013	--	90.68	--	3546.73
		4/29/2014	--	90.71	--	3546.70
		5/11/2015	--	90.81	--	3546.60
		6/13/2016	--	90.78	--	3546.63
		12/5/2016	--	90.71	--	3546.70
		5/22/2017	--	90.70	--	3546.71
		11/13/2017	--	90.66	--	3546.75
	3636.40 (h)	10/2/2018	--	90.70	--	3545.7
		5/6/2019	--	90.57	--	3545.77
		11/11/2019	Electronic Field Data Lost			
SVE-13	3637.33 (f)	12/28/1999	91.20	91.99	0.79	3545.97
		1/25/2000	90.76	91.79	1.03	3546.36
		2/14/2000	91.13	92.87	1.74	3545.85
		2/22/2000	90.48	91.56	1.08	3546.63
		3/9/2000	90.38	92.84	2.46	3546.46
		4/27/2000	90.28	92.29	2.01	3546.65
		5/8/2000	90.07	92.08	2.01	3546.86
		5/25/2000	90.27	92.86	2.59	3546.54
		6/19/2000	90.64	92.09	1.45	3546.40
		7/11/2000	90.51	91.57	1.06	3546.61
		8/7/2000	90.60	93.20	2.60	3546.21
		2/15/2001	91.38	91.40	0.02	3545.95
		8/8/2001	91.27	91.80	0.53	3545.95
		2/1/2002	91.42	91.67	0.25	3545.86
		2/11/2002	91.50	91.71	0.21	3545.79
		3/15/2002	91.36	91.55	0.19	3545.93
		8/5/2002	90.27	90.52	0.25	3547.01
		1/14/2003	91.45	91.74	0.29	3545.82
		10/13/2003	91.43	91.88	0.45	3545.81
		5/26/2004	91.79	93.07	1.28	3545.28
		11/10/2004	91.11	93.17	2.06	3545.81
		4/13/2005	91.22	92.91	1.69	3545.77
		11/29/2005	--	91.20	--	3546.13
		5/8/2006	91.01	92.35	--	3544.98
		12/11/2006	91.03	92.51	1.48	3546.00
		6/18/2007	90.82	92.07	1.25	3546.26
		12/5/2007	91.04	92.22	1.18	3546.05
		5/20/2008	90.88	92.54	1.66	3546.12
		12/8/2008	91.03	92.46	1.43	3546.01

Table 1
Groundwater Elevation Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Top of Casing (TOC) Elevation	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL Thickness (ft)	Relative Water Level (ft AMSL)
SVE-13 (Cont.)	3637.33 (f)	4/30/2009	90.99	92.42	1.43	3546.05
		1/27/2010	91.18	92.17	0.99	3545.95
		11/15/2010	90.41	90.74	0.33	3546.85
		5/17/2011	91.31	91.89	0.58	3545.90
		12/12/2011	90.58	90.73	0.15	3546.72
		4/23/2012	90.58	90.61	0.03	3546.74
		10/16/2012	--	91.54	--	3545.79
		5/7/2013	--	91.62	--	3545.71
		12/18/2013	--	90.66	--	3546.67
		4/29/2014	91.73	91.74	0.01	3545.60
		5/11/2015	--	91.82	--	3545.51
		6/13/2016	--	91.78	--	3545.55
		12/5/2016	--	91.67	--	3545.66
		5/22/2017	--	91.69	--	3545.64
		11/13/2017	--	91.61	--	3545.72
	3637.35 (h)	10/2/2018	--	90.94	--	3546.41
		5/6/2019	--	91.51	--	3545.84
		11/11/2019	Electronic Field Data Lost			

Notes:
-- Not applicable since no measurable thickness of hydrocarbon is present
AMSL = Above mean sea level
(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:
(g) TOC elevation based on survey by John West Surveying Co. on 01/09/03
(h) TOC elevation based on survey by High Mesa on 1/25/19

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-1	10/24/1993	(orig)	**24**	32	29	82	-	-	-	-	-	-
	12/7/1994	(orig)	**92**	54	50	<111	-	**7100**	-	-	8.82	-
	5/31/1995	(orig)	**8.00**	9.00	13	29	**2620**	**5800**	-	-	8.80	-
	12/14/1995	(orig)	< 200	<200	366	204	**2500**	**5640**	8090	-	**9.55**	18.70
	2/21/1996	(orig)	**13**	29	62	53	**2450**	**5050**	-	-	-	-
	5/16/1996	(orig)	**15**	33	9.00	47	-	-	14650	-	**9.68**	26.70
	8/14/1996	(orig)	**11**	23	5.00	30	-	-	8490	-	8.97	23.20
	11/14/1996	(orig)	2.40	13	4.90	9.00	-	-	-	-	8.38	19.70
	2/8/1997	(orig)	**11**	11	13	14	**2350**	**5610**	9200	-	**9.32**	14.50
	8/8/1997	(orig)	2.70	7.70	5.40	4.80	**2280**	-	-	-	-	-
	8/9/1997	(orig)	**14**	12	14.00	12.00	**2050**	**5090**	8750	-	8.92	23.10
	2/25/1998	(orig)	**6.54**	8.45	7.66	7.01	**2140**	**5700**	9340	-	**9.45**	19.70
	8/3/1998	(orig)	**6.50**	11	6.40	11	**2215**	**3600**	7450	-	8.59	22.40
	2/10/1999	(orig)	**5.00**	14	3.00	3.00	**2100**	**5250**	7160	-	8.63	22.20
	8/10/1999	(orig)	**11**	11	10	7.00	**2600**	**6670**	7090	-	**9.08**	23.80
	2/14/2000	(orig)	**7.80**	18	5.40	7.80	-	-	9240	-	**9.37**	20.60
	10/17/2000	(orig)	**5.77**	8.00	4.93	5.10	**2220**	**4470**	9240	-	**9.53**	21.60
	10/17/2000	(orig)	**20.20**	5.00	33.50	17.80	**1790**	-	-	-	-	-
	2/16/2001	(orig)	4.07	8.17	3.75	4.42	-	-	12120	-	**9.98**	20.40
	2/16/2001	(orig)	**17.80**	2.55	27.60	15.50	-	-	-	-	-	-
	8/8/2001	(orig)	**8.38**	2.71	9.79	7.16	**1830**	**4650**	10240	-	**9.06**	21.20
	3/16/2002	(orig)	<5	<5	<5	<5	-	-	6460	-	8.68	22.80
	8/5/2002	(orig)	**8.20**	1.10	12	5.00	**1500**	**4000**	10020	-	8.43	21.60
	1/14/2003	(orig)	**9.20**	0.61	13	6.50	**1500**	**4300**	6290	-	8.94	23.00
	10/15/2003	(orig)	2.00	<0.50	2.50	1.60	-	-	6633	-	8.98	21.30
	5/26/2004	(orig)	**11**	0.92	17	8.90	-	-	5610	-	**9.07**	21.80
	6/26/2004	(orig)	-	-	-	-	**1600**	**5600**	-	-	-	-
	11/11/2004	(orig)	**9.50**	0.55	14	6.30	-	-	6120	-	**9.54**	20.70
	4/13/2005	(orig)	**9.10**	0.52	14	6.30	**1600**	**4700**	5840	-	**9.10**	21.10
	11/30/2005	(orig)	**5.60**	<0.50	7.30	3.40	-	-	4875	-	8.84	20.70
	5/10/2006	(orig)	**5.30**	<1	6.50	3.40	**1400**	**3900**	5375	-	**9.03**	21.00
	12/13/2006	(orig)	**5.00**	1.80	6.20	<3	-	-	3851	-	8.83	20.80
	6/20/2007	(orig)	**5.40**	<1	6.20	2.00	**1000**	**3000**	5749	-	**9.07**	21.00
	12/5/2007	(orig)	2.60	<1	2.60	<2	-	-	5155	-	-	20.50
	5/20/2008	(orig)	**5.00**	<1	5.80	<2	**970**	**2900**	4863	-	**9.03**	21.30
	12/9/2008	(orig)	**6.40**	<1	7.10	<2	-	-	3075	-	8.20	19.50
	4/30/2009	(orig)	**5.20**	<1	6.10	<2	**940**	**2500**	5595	-	8.79	21.30
	1/27/2010	(orig)	<10	<10	<10	<20	-	-	5149	-	8.89	20.60
	11/17/2010	(orig)	<10	<10	<10	<20	**1500**	**2780**	4566	-	8.38	20.50
	5/18/2011	(orig)	4.50	<1	2.80	<2	-	-	4776	-	8.08	21.70
	12/12/2011	(orig)	**6.20**	<1	3.30	<2	**1700**	**3130**	5629	-	7.97	14.60
	4/23/2012	(orig)	**5.00**	2.00	2.80	3.00	-	-	6021	-	8.34	21.30
	10/17/2012	(orig)	**5.00**	<1	2.00	<2	**1800**	**3750**	4926	-	7.90	21.50
	5/8/2013	(orig)	3.40	<1	<1	<2	-	-	5482	-	7.87	21.10
	12/19/2013	(orig)	**6.00**	<1	1.10	<2	**1700**	**3420**	4244	-	7.50	20.10
	5/2/2014	(orig)	4.20	<1.0	1.40	3.00	**1400**	**3180**	5213	-221.6	7.69	24.05
	10/24/2014	(orig)	2.70	<1.0	<1.0	<2.0	**1300**	-	5190	-260.0	8.21	21.30
	10/24/2014	(duplicate)	2.40	<1.0	<1.0	<2.0	**1600**	-	-	-	-	-
	5/12/2015	(orig)	3.5	<1.0	<1.0	<1.5	**1100**	**2630**	4610	-100.0	**9.17**	20.00
	11/12/2015	(orig)	2.0	<1.0	<1.0	<1.5	**720**	**2140**	3263	517.7	6.19	19.94

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-2	10/19/1993	(orig)	<5	<5	<5	<5	-	**9200**	-	-	-	-
	12/7/1994	(orig)	**6.00**	<2	5.00	<4	-	**2600**	-	-	7.18	-
	5/31/1995	(orig)	3.00	<2	<2	<2	**512**	**1500**	-	-	7.40	-
	12/14/1995	(orig)	<2	<2	<2	<2	**470**	**1420**	3890	-	8.26	19.80
	2/20/1996	(orig)	<2	<2	<2	<2	214	940	2220	-	7.07	22.20
	5/16/1996	(orig)	<2	<2	<2	<2	-	-	3950	-	7.84	24.40
	8/13/1996	(orig)	<2	<2	<2	<3	-	-	6860	-	8.62	27.20
	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	7.67	16.90
	2/8/1997	(orig)	<2	<2	<2	<2	**325**	**1040**	2000	-	7.38	13.70
	8/8/1997	(orig)	**7.30**	<2	5.40	2.70	**280**	986	1701	-	7.38	22.00
	2/25/1998	(orig)	<5	<5	<5	<5	**353**	**1020**	1433	-	7.56	18.60
	8/3/1998	(orig)	<5	<5	<5	<5	**500**	**1000**	3340	-	8.12	22.50
	2/10/1999	(orig)	1.00	<1	<1	<1	**1300**	**2830**	1284	-	7.53	22.10
	8/10/1999	(orig)	2.00	<2	<2	<2	**730**	**1750**	2000	-	7.84	21.80
	2/14/2000	(orig)	**12**	<1	7.40	3.90	-	-	6680	-	**9.10**	20.30
	10/17/2000	(orig)	0.83	<0.500	<0.500	<1.00	**299**	996	5010	-	8.99	21.00
	2/16/2001	(orig)	1.15	<0.500	<0.500	<1.00	-	-	5280	-	**9.21**	19.00
	8/8/2001	(orig)	2.43	<1	1.04	<2	**445**	**1170**	5180	-	8.72	20.80
	3/16/2002	(orig)	<5	<5	<5	<5	-	-	3550	-	8.36	22.20
	8/5/2002	(orig)	0.90	<0.50	<0.50	<0.50	**550**	**1400**	4130	-	7.74	21.20
	1/14/2003	(orig)	**5.70**	<0.50	3.50	1.60	**560**	**1500**	2410	-	8.17	22.80
	10/15/2003	(orig)	1.30	<0.50	<0.50	<0.50	-	-	2121	-	7.74	20.70
	5/26/2004	(orig)	**6.10**	<0.50	3.70	2.10	**570**	**1500**	3760	-	7.90	21.10
	11/10/2004	(orig)	1.30	<0.50	0.76	<0.50	-	-	2160	-	8.49	20.50
	4/13/2005	(orig)	**16**	<0.50	12.00	5.50	**1100**	**2500**	1430	-	8.02	21.00
	11/30/2005	(orig)	3.80	<0.50	2.00	1.40	-	-	944	-	7.79	20.40
	5/10/2006	(orig)	2.90	<1	1.70	<3	**270**	880	1653	-	7.83	20.30
	12/13/2006	(orig)	**7.00**	<1	4.90	<3	-	-	1075	-	7.77	20.30
	6/20/2007	(orig)	**5.40**	<1	4.70	<2	**440**	**1100**	1944	-	8.34	20.50
	12/6/2007	(orig)	**5.10**	<1	3.80	<2	-	-	843	-	8.83	18.20
	5/22/2008	(orig)	3.70	<1	2.80	<2	180	720	1261	-	8.98	20.40
	12/8/2008	(orig)	1.40	<1	1.10	<2	-	-	887	-	7.66	18.50
	4/30/2009	(orig)	**10**	<1	9.80	3.70	**280**	830	2264	-	7.84	21.10
	1/28/2010	(orig)	<1	<1	<1	<2	-	-	1264	-	7.92	19.10
	11/17/2010	(orig)	**9.20**	<1	6.40	3.30	**370**	989	1343	-	7.71	20.30
	5/18/2011	(orig)	4.50	<1	2.40	<2	-	-	1724	-	8.05	20.80
	12/12/2011	(orig)	**7.40**	<1	4.80	<2	**560**	**1400**	1925	-	8.15	18.50
	4/23/2012	(orig)	**14**	<1	9.10	5.50	-	-	4292	-	8.59	20.50
	10/17/2012	(orig)	2.00	<1	<1	<2	240	708	1421	-	7.80	20.60
	5/8/2013	(orig)	**9.10**	<1	5.00	2.40	-	-	1736	-	7.84	20.30
	12/18/2013	(orig)	**9.50**	<1	5.00	3.80	-	-	1511	-	8.02	18.50
	5/2/2014	(orig)	3.90	<1.0	1.50	<1.5	**320**	**1060**	1842	-237.2	7.96	23.11
	10/24/2014	(orig)	**5.70**	<1.0	2.00	<2.0	**690**	-	2140	-180.0	8.05	21.00
	5/13/2015	(orig)	2.4	<1.0	<1.0	<1.5	220	772	1440	-135.0	8.06	21.00
	11/12/2015	(orig)	2.7	<1.0	<1.0	<1.5	**300**	905	1491	505.6	7.62	19.91
	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	100	512	-	-160.1	9.00	21.30
	12/6/2016	(orig)	1.2	<1.0	<1.0	<1.5	140	560	1183	-223.9	7.78	19.71
	5/23/2017	(orig)	<1.0	<1.0	<1.0	<1.5	8.8	127	196	-123.7	7.81	17.53
	11/16/2017	(orig)	<1.0	<1.0	<1.0	<1.5	83	515	838	-106.9	7.48	20.02
	4/9/2018	(orig)	1.6	<1.0	<1.0	<1.5	180	778	1191	-77.5	7.65	21.64
	10/3/2018	(orig)	<1.0	<1.0	<1.0	<1.5	80	498	--	--	8.61	28.50
	5/9/2019	(orig)	<1.0	<1.0	<1.0	<1.5	190	654	1043	-131.5	7.70	20.52
	11/21/2019	(orig)	1.4	<1.0	<1.0	<1.0	150	581	1090	-107.3	7.34	19.50

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-3	10/20/1993	(orig)	<5	<5	<5	<5	-	**1500**	-	-	-	-
	12/7/1994	(orig)	<2	<2	<2	<4	-	320	-	-	7.32	-
	5/31/1995	(orig)	<2	<2	<2	<2	14.5	380	-	-	7.70	-
	12/14/1995	(orig)	<2	<2	<2	<2	17	334	480	-	7.79	23.00
	2/20/1996	(orig)	<2	<2	<2	2.00	20	346	490	-	7.52	22.70
	5/16/1996	(orig)	<2	<2	<2	<2	-	-	558	-	7.62	27.20
	8/13/1996	(orig)	<2	<2	<2	<3	-	-	550	-	7.46	28.90
	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	7.37	17.20
	2/8/1997	(orig)	<2	<2	<2	<2	15	368	400	-	7.35	15.30
	8/9/1997	(orig)	<2	<2	<2	<2	10	380	573	-	7.53	21.60
	2/25/1998	(orig)	<5	<5	<5	<5	13	330	484	-	7.51	18.70
	8/3/1998	(orig)	<5	<5	<5	<5	15	200	516	-	7.51	21.80
MW-4	12/7/1994	(orig)	**18**	4.00	71	160	-	**4700**	-	-	**9.70**	-
	5/31/1995	(orig)	**300**	<2	**1300**	**800**	**1700**	**5200**	-	-	**10.00**	-
	12/13/1995	(orig)	**445**	<200	**1380**	**970**	**1900**	**6600**	6300	-	**10.73**	17.70
	2/21/1996	(orig)	<200	<200	454	460	**1010**	**3450**	-	-	-	-
	5/16/1996	(orig)	**92**	52	549	**1370**	-	-	9840	-	**9.93**	27.50
	8/14/1996	(orig)	**333**	<200	992	**2630**	-	-	6480	-	**12.89**	24.00
	11/14/1996	(orig)	**260**	55	**1010**	**1200**	-	-	-	-	8.51	21.10
	2/8/1997	(orig)	**240**	<100	**1000**	**1200**	**1110**	**4380**	7600	-	**10.73**	16.50
	12/19/2013	(orig)	**12**	2.00	25	31	220	**1100**	-	-	-	-
	11/11/2015	(orig)	**13**	1.20	21	15	**300**	**1240**	1931	269.8	**9.06**	21.54
MW-5	12/7/1994	(orig)	**9.00**	4.00	20	64	-	**9500**	-	-	**9.29**	-
	5/31/1995	(orig)	**51**	16	109	219	**4070**	**7400**	-	-	9.00	-
	12/12/1995	(orig)	**27**	16	26	107	**3650**	**7580**	12420	-	**10.40**	21.50
	2/21/1996	(orig)	**45**	17	59	133	**4050**	**8050**	9860	-	**12.96**	20.40
	5/16/1996	(orig)	**51**	26	52	177	-	-	10110	-	8.85	26.70
	8/14/1996	(orig)	**48**	21	33	150	-	-	10620	-	**9.10**	24.40
	11/14/1996	(orig)	**67**	32	56	270	-	-	-	-	8.61	22.60
	2/8/1997	(orig)	**75**	26	60	140	**3300**	**6980**	4200	-	**9.58**	15.30
	8/8/1997	(orig)	**70**	23	56	170	**3520**	-	-	-	-	-
	8/9/1997	(orig)	**140**	47	110	370	**1450**	**8370**	12060	-	8.74	26.10
	2/25/1998	(orig)	**92**	19.50	100	172.10	**3480**	**7300**	11540	-	8.97	18.90
	8/4/1998	(orig)	**110**	27	96	190	**3330**	**6800**	11760	-	8.73	24.00
	2/11/1999	(orig)	**120**	18	140	200	**3200**	**7860**	12000	-	8.94	17.30
	8/10/1999	(orig)	**82**	20	76	130	**2900**	**6850**	11010	-	8.71	21.60
	2/14/2000	(orig)	**110**	33	72	200	-	-	11980	-	8.92	21.30
	10/18/2000	(orig)	**168**	30.40	230	306	**2720**	**6580**	9460	-	8.63	21.50
	2/15/2001	(orig)	**104**	26.10	74.90	157	-	-	10000	-	8.61	21.50
	8/9/2001	(orig)	**106**	22.50	100	169.80	**2660**	**5750**	8710	-	8.37	21.50
	3/17/2002	(orig)	**92**	14.80	30.90	95.60	-	-	10780	-	8.72	23.10
	8/6/2002	(orig)	**120**	23	97	150	**2300**	**5300**	8900	-	7.71	22.40
	1/15/2003	(orig)	**110**	30	53	130	**2400**	**6400**	9160	-	8.51	23.20
	10/14/2003	(orig)	**93**	32	34	62	-	-	8217	-	8.23	20.80
	5/27/2004	(orig)	**80**	28	69	97	**1600**	**4400**	7640	-	8.32	20.40
	11/11/2004	(orig)	**54**	19	50	64	-	-	6480	-	8.47	20.20
	4/13/2005	(orig)	**110**	22	210	210	**1800**	**4400**	-	-	-	-
	11/30/2005	(orig)	**41**	9.10	46	54	-	-	6131	-	8.53	20.70
	5/8/2006	(orig)	**49**	<5	63	54	-	-	6628	-	8.66	21.80
	5/9/2006	(orig)	-	-	-	-	**1600**	**4500**	-	-	-	-
	12/12/2006	(orig)	**21**	2.90	19	24	-	-	6219	-	8.92	20.80
	6/19/2007	(orig)	**46**	23.00	56	67	**1600**	**3600**	6313	-	8.70	22.60
	12/6/2007	(orig)	**27**	3.70	39	46	-	-	6429	-	**9.15**	20.80
	5/22/2008	(orig)	**40**	5.50	75	87	**1200**	**4200**	5424	-	8.71	21.30

Table 2
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Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-5 (Cont.)	12/10/2008	(orig)	**14**	1.60	18	22	-	-	5376	-	8.73	19.20
	5/1/2009	(orig)	**8.80**	<1	8.20	12	**2300**	**7300**	6514	-	8.63	21.50
	1/28/2010	(orig)	**13**	<5	16	15	-	-	4975	-	8.77	18.50
	11/17/2010	(orig)	**17**	<5	26	29	**1300**	**3390**	5125	-	8.76	20.70
	5/18/2011	(orig)	**20**	2.60	37	40	-	-	5642	-	8.70	21.40
	12/12/2011	(orig)	**12**	1.40	17	19	**1300**	**3310**	4965	-	8.86	19.30
	4/24/2012	(orig)	**14**	1.80	21	22	-	-	4470	-	8.62	21.50
	10/17/2012	(orig)	**13**	1.50	20	19	**1200**	**2930**	5249	-	**9.08**	21.50
	5/9/2013	(orig)	**8.50**	1.00	10	11	-	-	4866	-	8.99	20.90
	12/19/2013	(orig)	**14**	1.50	19	20	**1200**	**2970**	4994	-	7.92	20.80
	5/1/2014	(orig)	**11**	<5.0	16	14	**1200**	**3150**	5611	-295.5	8.88	20.75
	10/22/2014	(orig)	**83**	8.20	230	210	**2400**	-	6170	-260.0	**9.32**	21.20
	5/13/2015	(orig)	**13**	<5.0	15	17	**1500**	**3660**	6390	-292.0	8.87	21.40
	11/10/2015	(orig)	**32**	3.60	70	80	**1500**	**3600**	5260	2.0	**9.28**	20.57
MW-6	12/7/1994	(orig)	<2	<2	3.00	<6	-	**4700**	-	-	8.51	-
	5/31/1995	(orig)	**28**	4.00	26	57	**2670**	**5400**	-	-	**9.20**	-
	12/12/1995	(orig)	**18**	3.00	11	33	**2500**	**4770**	6150	-	**9.13**	21.60
	2/20/1996	(orig)	**16**	6.00	12	48	**2500**	**4830**	6000	-	**9.04**	21.70
	5/16/1996	(orig)	**24**	10	26	74	-	-	7880	-	**9.09**	28.40
	8/14/1996	(orig)	**24**	<20	23	80	-	-	6590	-	8.79	23.10
	11/14/1996	(orig)	**38**	11	31	43	-	-	-	-	8.62	21.90
	2/8/1997	(orig)	**24**	11	22	75	**2200**	**4050**	8700	-	**9.67**	17.40
	8/9/1997	(orig)	**68**	28	58	150	**2220**	**5040**	8470	-	**9.14**	24.00
	2/25/1998	(orig)	**26**	13.70	25	107	**2540**	**5280**	7390	-	**9.06**	18.40
	8/4/1998	(orig)	**29**	24	22	120	**2450**	**4200**	8540	-	**9.01**	24.30
	2/10/1999	(orig)	**32**	15	37	140	**2500**	**5050**	-	-	-	-
	8/10/1999	(orig)	**110**	110	68	360	**2500**	**5120**	8060	-	**9.02**	21.50
	2/14/2000	(orig)	**29**	32	18	100	-	-	8890	-	**9.28**	20.60
	2/14/2000	(duplicate)	**22**	30	9.00	85	-	-	-	-	-	-
	10/18/2000	(orig)	**23.10**	13.50	26.50	58.90	**2240**	**4540**	-	-	-	-
	10/18/2000	(duplicate)	-	-	-	-	**2670**	**5680**	-	-	-	-
	10/18/2000	(duplicate)	**26.80**	26.20	20.10	92.70	-	-	8980	-	8.98	21.00
	2/15/2001	(orig)	**27.90**	31	18.80	98.50	-	-	7230	-	**9.03**	21.00
	2/15/2001	(orig)	**21.70**	28.10	10.60	87.60	-	-	-	-	-	-
	2/15/2001	(duplicate)	**27.10**	17.10	31.20	69.50	-	-	-	-	-	-
	8/9/2001	(orig)	**29.80**	27.20	21	87.28	**2100**	**4210**	6820	-	**9.08**	20.80
	3/17/2002	(orig)	**24.90**	16.20	14.70	59.80	-	-	9010	-	**9.42**	22.40
	8/6/2002	(orig)	**32**	23	18	77	**1800**	**3900**	6560	-	8.05	21.70
	1/15/2003	(orig)	**33**	29	20	81	**1700**	**4200**	7770	-	**9.36**	22.60
	10/14/2003	(orig)	**36**	30	19	89	-	-	7011	-	**9.26**	20.10
	5/27/2004	(orig)	**42**	27	34	76	**1600**	**3800**	7170	-	**9.53**	19.80
	11/11/2004	(orig)	**36**	29	19	71	-	-	5820	-	**9.33**	18.80
	4/14/2005	(orig)	**34**	36	15	65	**2100**	**4800**	-	-	-	-
	11/30/2005	(orig)	**44**	27	39	66	-	-	5241	-	**9.18**	20.10
	5/9/2006	(orig)	**40**	31	40	57	**1900**	**4500**	5890	-	**9.30**	21.20
	12/12/2006	(orig)	**39**	25	39	58	-	-	5248	-	**9.45**	20.20
	6/19/2007	(orig)	**27**	4.30	39	47	**1200**	**3900**	6363	-	**9.58**	21.70
	12/6/2007	(orig)	**25**	23	24	40	-	-	5934	-	**10.54**	20.20
	5/22/2008	(orig)	**33**	24	36	49	**1400**	**3400**	5208	-	**9.41**	21.00
	12/10/2008	(orig)	**35**	17	43	41	-	-	4618	-	-	17.70
	5/1/2009	(orig)	**76**	20	120	91	**1900**	**4300**	8919	-	**9.40**	21.30
	1/28/2010	(orig)	**21**	11	31	20	-	-	4529	-	**9.43**	16.60
	1/28/2010	(duplicate)	**27**	12	40	25	-	-	-	-	-	-
	11/17/2010	(orig)	**35**	13	64	41	**1300**	**2930**	5095	-	**9.47**	20.00
	5/18/2011	(orig)	**44**	9.90	77	48	-	-	5501	-	**9.43**	21.80

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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-6 (Cont.)	12/12/2011	(orig)	**23**	7.20	38	24	**1600**	**3250**	6113	-	**9.81**	17.70
	4/24/2012	(orig)	**26**	8.70	43	29	-	-	4425	-	**9.33**	21.30
	10/17/2012	(orig)	**19**	6.60	24	16	**1600**	**3560**	5879	-	**9.63**	21.10
	5/9/2013	(orig)	**24**	6.30	38	23	-	-	5952	-	**10.03**	20.60
	12/19/2013	(orig)	**25**	5.60	40	23	**1200**	**2940**	4741	-	8.13	20.40
	5/1/2014	(orig)	**15**	<5.0	22	11	**1000**	**2910**	5041	-302.1	**9.10**	20.57
	10/23/2014	(orig)	**22**	3.60	37	20	**2100**	-	6730	-304.0	**9.78**	20.80
	5/13/2015	(orig)	**17**	<5.0	29	13	**1200**	**3040**	6710	-323.0	**9.52**	22.00
	11/10/2015	(orig)	**28**	4.50	58	32	**1400**	**3340**	5943	-10.1	**9.97**	20.36
	6/14/2016	(orig)	**14**	2.00	24	12	**1400**	**3680**	-	-266.7	**9.75**	21.00
	12/7/2016	(orig)	**16**	2.10	28	15	**1800**	**3910**	5790	-330.6	**10.09**	19.50
	5/24/2017	(orig)	**13**	1.10	18	8.3	**1300**	**3170**	4924	-303.9	**9.24**	21.41
	11/16/2017	(orig)	**11**	<1.0	15	6.8	**1300**	**3130**	5601	-301.0	**9.56**	20.07
	4/11/2018	(orig)	**10**	<1.0	10	4.8	**1100**	**2780**	5288	-258.5	**9.03**	25.57
	10/4/2018	(orig)	**8.7**	<1.0	8.7	2.8	**1400**	**2860**	4614	-247.7	**9.35**	24.78
	5/9/2019	(orig)	**6.7**	<1.0	6.6	4.0	**1400**	**2980**	4971	-226.7	**9.44**	20.57
	11/21/2019	(orig)	**7.8**	<2.0	8.8	4.1	**1200**	**2990**	5514	-264.3	**9.18**	21.76
MW-7	12/13/1995	(orig)	<2	<2	<2	<2	**2150**	**4040**	4580	-	7.15	19.50
	2/20/1996	(orig)	2.00	<2	<2	<2	**2500**	**4490**	6310	-	6.47	22.50
	5/15/1996	(orig)	4.00	2.00	<2	<2	-	-	7070	-	6.57	25.90
	8/14/1996	(orig)	**11**	<2	<2	<2	-	-	5270	-	6.80	22.30
	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	6.79	18.70
	2/8/1997	(orig)	<2	<2	<2	<2	**2100**	**4350**	5700	-	6.97	15.00
	8/8/1997	(orig)	<2	<2	<2	<2	**2200**	**6260**	6650	-	6.84	22.60
	2/24/1998	(orig)	<5	<5	<5	<5	**1810**	**4470**	6730	-	6.79	20.30
	8/4/1998	(orig)	<5	<5	5.60	<5	**1950**	**3400**	7030	-	6.80	22.80
	8/10/1999	(orig)	<2	<2	<2	<2	**1800**	**3900**	6380	-	6.86	21.30
	2/15/2000	(orig)	<1	2.00	<1	1.10	-	-	5650	-	6.87	20.40
	10/18/2000	(orig)	0.70	<0.500	<0.500	<1.00	**1730**	**3930**	4600	-	6.67	19.90
	2/15/2001	(orig)	0.51	<0.500	<0.500	<1.00	-	-	5750	-	6.83	20.90
	8/8/2001	(orig)	<1	<1	<1	<2	**1450**	**4130**	5330	-	6.73	20.80
	3/17/2002	(orig)	<1	<1	1.30	<1	-	-	5560	-	6.87	22.10
	8/6/2002	(orig)	<0.50	1.10	<0.50	<0.50	**1100**	**3300**	4380	-	6.92	22.00
	1/16/2003	(orig)	0.69	<0.50	<0.50	<0.50	**1200**	**3300**	5740	-	6.67	22.60
	10/15/2003	(orig)	0.62	0.56	<0.50	<0.50	-	-	5515	-	6.63	20.50
	5/27/2004	(orig)	-	-	-	-	**1400**	**4000**	-	-	-	-
	6/27/2004	(orig)	0.64	1.10	<0.50	0.63	-	-	5517	-	6.72	20.70
	11/10/2004	(orig)	0.54	0.50	<0.50	<0.50	-	-	4797	-	6.40	20.30
	4/14/2005	(orig)	<0.50	<0.50	<0.50	0.51	**930**	**2900**	5290	-	6.72	19.70
	11/30/2005	(orig)	0.57	0.50	<0.50	<0.50	-	-	4582	-	6.77	20.10
	5/9/2006	(orig)	<1	<1	<1	<1	**1200**	**3300**	4163	-	6.66	20.70
	12/12/2006	(orig)	<1	<1	<1	<3	-	-	4428	-	6.97	19.90
	6/18/2007	(orig)	<1	<1	<1	<2	**980**	**3100**	4696	-	6.01	20.70
	12/5/2007	(orig)	<1	<1	<1	<2	-	-	3862	-	-	20.70
	5/21/2008	(orig)	<1	<1	<1	<2	**790**	**3100**	4370	-	7.50	21.00
	12/10/2008	(orig)	<1	<1	<1	<2	-	-	4040	-	6.87	16.90
	4/30/2009	(orig)	<1	<1	<1	<2	**1300**	**3300**	4392	-	6.58	21.10
	1/27/2010	(orig)	<10	<10	<10	<20	-	-	5389	-	6.67	20.10
	11/17/2010	(orig)	<10	<10	<10	<20	**1100**	**3440**	5306	-	6.71	19.60
	5/18/2011	(orig)	<1	<1	<1	<2	-	-	5572	-	6.79	20.60
	12/12/2011	(orig)	<1	<1	<1	<2	**750**	**4070**	5764	-	6.87	19.50
	4/23/2012	(orig)	<1	<1	<1	<2	-	-	6037	-	6.54	20.40
	10/17/2012	(orig)	<1	<1	<1	<2	**520**	**5210**	6510	-	6.96	20.80
	5/8/2013	(orig)	<1	<1	<1	<2	-	-	6362	-	6.76	21.60
	12/18/2013	(orig)	<1	<1	<1	<2	**560**	**5290**	6521	-	6.45	19.90

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-7 (Cont.)	5/1/2014	(orig)	<1	<1.0	<1.0	<1.5	**550**	**5690**	6661	-96.9	6.32	19.23
	10/23/2014	(orig)	<1	<1.0	<1.0	<2.0	**540**	-	7620	115.0	6.81	21.20
	5/12/2015	(orig)	<1.0	<1.0	<1.0	2.90	**380**	**6690**	8160	110.0	8.41	19.20
	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**260**	**6700**	7281	579.0	**5.88**	19.66
	6/14/2016	(orig)	<1.0	<1.0	<1.0	<1.5	210	**8140**	-	-2.5	6.97	21.00
	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	190	**7870**	8908	-124.2	7.15	18.97
	5/23/2017	(orig)	<1.0	<1.0	<1.0	<1.5	200	**7900**	8595	-110.3	6.58	19.22
	8/31/2017	Well Plugged and Abandoned										
MW-8	12/12/1995	(orig)	**227**	<200	391	228	**1140**	**2840**	4790	-	8.76	19.70
	2/21/1996	(orig)	**191**	<20	379	300	**790**	**2530**	2920	-	**9.34**	21.20
	5/16/1996	(orig)	**47**	5.00	94	91	**-**	**-**	6870	-	8.43	27.20
	8/14/1996	(orig)	**54**	<20	110	93	**-**	**-**	2440	-	8.75	23.60
	11/14/1996	(orig)	**110**	11	230	160	**-**	**-**	-	-	8.61	21.60
	2/8/1997	(orig)	**98**	8.00	210	130	**825**	**3050**	4000	-	**9.57**	16.90
	8/9/1997	(orig)	**430**	<100	660	610	**1420**	**4910**	5010	-	**9.17**	24.70
	2/26/1998	(orig)	**248**	14.90	461	388	**800**	**2730**	4130	-	**9.36**	18.30
	2/26/1998	(duplicate)	**104**	<50	207	121	**887**	**-**	-	-	**-**	-
	8/4/1998	(orig)	**200**	19	410	340	**960**	**2600**	4080	-	**9.14**	22.50
	2/11/1999	(orig)	**210**	15	360	400	**1000**	**3670**	4480	-	**9.43**	19.60
	8/11/1999	(orig)	**150**	12	290	310	**930**	**3580**	4760	-	**9.37**	21.10
	8/11/1999	(duplicate)	**86**	10	110	160	**980**	**-**	-	-	**-**	-
	2/14/2000	(orig)	**150**	17	310	280	**-**	**-**	5030	-	**9.39**	20.60
	10/19/2000	(orig)	**285**	27.10	547	512	**865**	**3540**	4430	-	**9.38**	20.10
	2/16/2001	(orig)	**255**	21.20	446	425	**-**	**-**	6640	-	**9.51**	20.80
	8/9/2001	(orig)	**239**	24.50	430	442	**969**	**4010**	4260	-	**9.66**	20.90
	3/17/2002	(orig)	**229**	<20	345	306	**-**	**-**	8050	-	**9.35**	22.40
	3/17/2002	(duplicate)	**174**	<20	262	216	**-**	**-**	-	-	**-**	-
	8/6/2002	(orig)	**120**	49	290	210	**670**	**3700**	5990	-	**9.26**	23.30
	8/6/2002	(duplicate)	**150**	14	260	280	**830**	**-**	-	-	**-**	-
	1/16/2003	(orig)	**140**	12	270	270	**1000**	**3700**	6500	-	**9.26**	22.50
	10/15/2003	(orig)	**180**	20	340	320	**-**	**-**	7704	-	**9.32**	20.62
	5/27/2004	(orig)	**190**	24	340	360	**550**	**2500**	3960	-	**9.34**	20.60
	11/11/2004	(orig)	**140**	14	240	250	**-**	**-**	3850	-	**9.59**	20.00
	4/14/2005	(orig)	**270**	29	200	450	**1100**	**4200**	-	-	**-**	-
	12/1/2005	(orig)	**140**	13	200	230	**-**	**-**	3590	-	**9.51**	19.40
	12/1/2005	(duplicate)	**170**	17	240	280	**-**	**-**	-	-	**-**	-
	5/9/2006	(orig)	**160**	<5	350	240	**520**	**2500**	3824	-	**9.58**	21.30
	12/12/2006	(orig)	**160**	14	330	310	**-**	**-**	4040	-	**9.67**	19.90
	6/19/2007	(orig)	**260**	25	290	460	**610**	**2500**	6189	-	**9.19**	21.20
	12/6/2007	(orig)	**230**	23	380	430	**-**	**-**	5676	-	**10.34**	20.20
	12/6/2007	(duplicate)	**180**	16	290	300	**-**	**-**	-	-	**-**	-
	5/21/2008	(orig)	**140**	12	240	260	**500**	**2000**	4534	-	**9.25**	21.10
	12/10/2008	(orig)	**270**	28	100	450	**-**	**-**	7008	-	**9.22**	18.50
	12/10/2008	(duplicate)	**210**	19	240	350	**-**	**-**	-	-	**-**	-
	5/1/2009	(orig)	**230**	23	140	420	**780**	**3100**	3885	-	**9.28**	21.20
	1/28/2010	(orig)	**100**	<10	190	180	**-**	**-**	5869	-	**9.45**	19.20
	11/17/2010	(orig)	**110**	12	210	230	**680**	**2560**	3636	-	**9.52**	20.20
	5/18/2011	(orig)	**150**	15	230	280	**-**	**-**	4527	-	**9.53**	21.50
	5/18/2011	(duplicate)	**210**	18	130	380	**-**	**-**	-	-	**-**	-
	12/12/2011	(orig)	**86**	8.00	150	160	**830**	**3110**	3545	-	**9.53**	19.60
	4/24/2012	(orig)	**150**	16	190	280	**-**	**-**	3700	-	**9.39**	21.50
	10/17/2012	(orig)	**260**	21	30	**650**	**850**	**2990**	3430	-	**9.41**	20.70
	5/9/2013	(orig)	**72**	7.70	110	140	**-**	**-**	3374	-	**9.74**	20.40
	12/19/2013	(orig)	**71**	6.90	110	120	**490**	**2000**	3587	-	**9.49**	20.40
	5/1/2014	--	**Well obstructed at approximately 60 feet bgs. Could not sample with bladder pump or bailer**									
	10/23/2014	--	**Well obstructed at approximately 60 feet bgs. Could not sample with bladder pump or bailer**									
	5/11/2015	(orig)	**71**	6.30	74	110	**770**	**2610**	4390	-390.0	8.31	23.00
	11/10/2015	(orig)	**67**	6.00	78	95	**880**	**3100**	4757	236.1	6.64	20.42

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-9	12/12/1995	(orig)	<200	<200	241	383	**4500**	**11700**	14520	-	7.17	23.20
	2/21/1996	(orig)	**331**	<200	662	<200	**4200**	**11000**	-	-	-	-
	5/16/1996	(orig)	**460**	<200	450	**1650**	-	-	17580	-	6.93	30.10
	8/14/1996	(orig)	**250**	<50	340	**800**	-	-	11640	-	-	26.80
	11/14/1996	(orig)	**240**	28	410	**780**	-	-	-	-	8.72	23.20
	2/8/1997	(orig)	**250**	<100	480	**930**	**4750**	**10800**	17700	-	7.50	18.90
	8/8/1997	(orig)	**210**	39	650	**650**	**5050**	-	-	-	-	-
	8/9/1997	(orig)	**490**	<100	810	**1100**	**4450**	**11400**	17080	-	7.20	25.90
	2/25/1998	(orig)	**251**	<50	693	**845**	**5730**	**10900**	19960	-	7.21	19.40
	8/4/1998	(orig)	**190**	28	460	**680**	**4960**	**10900**	-	-	7.31	22.30
	2/11/1999	(orig)	**230**	25	510	580	**3400**	**10700**	17460	-	7.25	20.10
	2/11/1999	(duplicate)	**240**	25	520	**640**	**4600**	-	-	-	-	-
	8/11/1999	(orig)	**210**	20	430	560	**4600**	**10400**	16650	-	7.34	21.50
	2/14/2000	(orig)	**190**	32	280	**670**	-	-	16600	-	7.35	21.10
	10/19/2000	(orig)	**240**	28.90	108	**711**	-	-	14880	-	7.38	20.90
	10/19/2000	(orig)	**196**	21.80	52.50	521	**5020**	**9750**	-	-	-	-
	10/19/2000	(duplicate)	**223**	31.80	142	**759**	**4530**	-	-	-	-	-
	2/15/2001	(orig)	**176**	25.70	85.90	**638**	-	-	16150	-	7.41	20.90
	2/15/2001	(orig)	**156**	17.60	31.70	448	-	-	-	-	-	-
	2/15/2001	(duplicate)	**186**	28.50	84.40	**673**	-	-	-	-	-	-
	8/9/2001	(orig)	**176**	22.80	50.80	534	**4850**	**10200**	15180	-	7.29	21.30
	3/17/2002	(orig)	**197**	<100	<100	466	-	-	17130	-	7.27	22.80
	8/6/2002	(orig)	**220**	53	45	530	**4500**	**9800**	14810	-	7.20	21.40
	1/16/2003	(orig)	**260**	23	94	**700**	**4000**	**9100**	16050	-	7.25	22.80
	10/15/2003	(orig)	**240**	32	200	**690**	-	-	15490	-	7.27	21.30
	10/15/2003	(duplicate)	**250**	32	160	**700**	-	-	-	-	-	-
	5/27/2004	(orig)	**250**	34	110	**660**	**3300**	**8800**	14600	-	7.10	20.60
	5/27/2004	(duplicate)	**250**	33	77	**650**	**3300**	-	-	-	-	-
	11/11/2004	(orig)	**270**	28	81	**670**	-	-	12540	-	7.20	18.80
	4/14/2005	(orig)	**220**	22	140	610	**3900**	**9200**	-	-	-	-
	12/1/2005	(orig)	**280**	27	78	**770**	-	-	11970	-	7.50	19.50
	5/9/2006	(orig)	**410**	58	180	**1100**	**4200**	**8700**	12370	-	7.41	21.40
	5/9/2006	(duplicate)	**530**	59	140	**1400**	**3500**	-	-	-	-	-
	12/12/2006	(orig)	**410**	32	120	**1200**	-	-	12140	-	7.67	20.00
	6/19/2007	(orig)	**290**	30	110	**860**	**3200**	**8000**	12910	-	8.24	22.10
	12/6/2007	(orig)	**340**	28	15	**850**	-	-	12180	-	7.53	20.20
	5/21/2008	(orig)	**230**	24	83	**740**	**2800**	**7000**	11960	-	7.85	21.90
	5/21/2008	(duplicate)	**220**	23	83	**730**	**2900**	-	-	-	-	-
	12/10/2008	(orig)	**240**	25	50	**730**	-	-	12220	-	7.43	18.90
	5/1/2009	(orig)	**260**	26	34	**790**	**4000**	**8400**	14180	-	6.85	21.30
	1/28/2010	(orig)	**240**	20	<10	**630**	-	-	10390	-	7.67	18.20
	11/18/2010	(orig)	**240**	24	140	**670**	**5700**	**8660**	13920	-	7.09	20.50
	11/18/2010	(duplicate)	**230**	22	150	**640**	**4800**	-	-	-	-	-
	5/18/2011	(orig)	**260**	28	66	**790**	-	-	13470	-	7.27	21.20
	12/12/2011	(orig)	**250**	28	48	**750**	**4700**	**7810**	12070	-	7.43	19.40
	4/24/2012	(orig)	**230**	26	39	**690**	-	-	9986	-	7.42	21.30
	10/17/2012	(orig)	**120**	13	190	230	**2800**	**6500**	9954	-	7.30	21.40
	5/9/2013	(orig)	**210**	24	9.80	**670**	-	-	11400	-	7.47	20.80
	12/19/2013	(orig)	**290**	25	16	**770**	**2800**	**6400**	9912	-	7.58	19.90
	5/1/2014	(orig)	**250**	24	14	**670**	**3400**	**7180**	12021	-205.0	7.07	20.67
	10/23/2014	(orig)	**190**	22	7.70	600	**4500**	-	12000	-127.0	7.52	21.10
	5/13/2015	(orig)	**230**	20	6.70	570	**4000**	**8810**	16600	-120.0	7.10	20.90
	11/10/2015	(orig)	**210**	21	4.90	580	**3900**	**7670**	12302	284.1	7.30	20.40
	6/14/2016	(orig)	**170**	19	8.40	520	**4300**	**7610**	-	-138.2	7.46	20.80
	12/7/2016	(orig)	**230**	21	<10	550	**4800**	**8510**	12058	-217.7	7.52	19.49

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Transwestern Pipeline Company
Bell Lake Gas Plant
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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-9 (Cont.)	5/24/2017	(orig)	**200**	16	<10	360	**3100**	**7300**	13042	-153.1	7.04	21.66
	4/11/2018	(orig)	**130**	8.0	4.7	200	**2800**	**8240**	13449	-43.7	7.17	26.83
	10/3/2018	(orig)	**160**	15	9.9	330	**2900**	**5970**	9242	-188.3	7.82	23.09
	5/8/2019	(orig)	**150**	13	6.9	240	**3200**	**5740**	9562	-208.6	7.63	22.78
	11/21/2019	(orig)	**140**	14	<10	320	**2500**	**5600**	10195	-198.3	7.43	20.93
MW-10	1/9/1998	(orig)	**49**	4.30	37	71	**3600**	**5930**	-	-	-	-
	2/25/1998	(orig)	**60.30**	<5	46.30	79	**3860**	**9150**	953	-	6.74	18.70
	8/4/1998	(orig)	**56**	5.40	39	85	**3690**	**6200**	11040	-	6.81	23.80
	2/11/1999	(orig)	**56**	5.00	24	89	**2900**	**5710**	9860	-	6.87	16.70
	8/11/1999	(orig)	**33**	3.00	7.00	32	**3000**	**5220**	9320	-	6.88	20.80
	2/15/2000	(orig)	**46**	4.50	9.00	32	-	-	9600	-	6.88	20.50
	10/19/2000	(orig)	**21.90**	1.57	2.70	16.10	**3480**	-	9060	-	6.85	20.40
	10/19/2000	(orig)	**14.70**	<0.500	<0.500	1.50	**2560**	**6240**	-	-	-	-
	2/15/2001	(orig)	**18.70**	1.28	2.18	18.80	-	-	10200	-	6.89	21.10
	2/15/2001	(orig)	**14.50**	<0.500	<0.500	1.01	-	-	-	-	-	-
	2/15/2001	(duplicate)	**16.20**	1.09	1.83	16	-	-	-	-	-	-
	8/9/2001	(orig)	**17.80**	1.22	2.21	16.49	**3620**	**9390**	10060	-	6.85	20.50
	8/9/2001	(duplicate)	**17.20**	1.21	2.17	16.52	**3770**	-	-	-	-	-
	3/16/2002	(orig)	**35.40**	<0.5	7.00	26.90	-	-	11550	-	6.93	21.80
	8/6/2002	(orig)	**23**	2.40	2.70	31	**2400**	**6900**	11600	-	6.94	23.30
	1/16/2003	(orig)	**20**	2.40	4.10	36	**3800**	**6400**	11790	-	6.89	22.00
	10/14/2003	(orig)	**22**	3.50	3.20	22	-	-	11850	-	6.82	20.70
	5/27/2004	(orig)	**25**	4.50	4.50	46	**3600**	**6900**	11450	-	6.89	20.50
	11/11/2004	(orig)	**30**	4.50	4.10	53	-	-	11520	-	7.21	19.60
	4/13/2005	(orig)	**26**	3.10	3.20	33	-	-	-	-	-	-
	5/13/2005	(orig)	-	-	-	-	**3800**	**6600**	-	-	-	-
	12/1/2005	(orig)	**34**	3.9	3.50	45	-	-	10060	-	7.03	19.20
	5/9/2006	(orig)	**33**	<1	<1	48	**3100**	**7500**	10580	-	6.93	20.30
	12/12/2006	(orig)	**34**	<1	<1	51	-	-	10400	-	6.81	19.80
	6/19/2007	(orig)	**34**	4.5	1.60	52	**3900**	**7600**	10850	-	6.85	20.70
	12/6/2007	(orig)	**40**	5.9	3.60	85	-	-	10350	-	6.75	20.00
	5/21/2008	(orig)	**36**	5.3	2.00	69	**3700**	**7300**	9611	-	7.64	20.90
	12/9/2008	(orig)	**38**	5.7	2.60	67	-	-	9994	-	6.95	18.80
	5/1/2009	(orig)	**35**	6.0	3.80	75	**4100**	**7000**	11570	-	6.59	20.90
	1/28/2010	(orig)	**40**	6.8	<5	100	-	-	9956	-	7.08	19.20
	11/18/2010	(orig)	**37**	6.0	<5	80	**4200**	**7280**	11680	-	6.57	20.50
	5/18/2011	(orig)	**43**	8.2	<5	100	-	-	11250	-	7.03	21.30
	12/12/2011	(orig)	**45**	7.9	<5	91	**3600**	**6900**	11090	-	7.06	18.90
	4/24/2012	(orig)	**43**	8.4	<5	72	-	-	9955	-	6.88	21.70
	10/17/2012	(orig)	**31**	5.6	1.20	22	**3600**	**6520**	9722	-	6.75	21.00
	5/9/2013	(orig)	**40**	7.1	1.40	28	-	-	10220	-	6.78	20.20
	12/19/2013	(orig)	**46**	7.5	<1.0	25	**3000**	**6390**	10000	-	7.03	19.20
	5/1/2014	(orig)	**27**	4.0	<1.0	<1.5	**3200**	**6200**	10189	-132.6	6.90	19.32
	10/22/2014	(orig)	**32**	5.0	<1.0	5.40	**3900**	-	10300	-139.0	7.50	20.80
	05/13/2015	(orig)	**29**	4.3	<1.0	<1.5	**3500**	**6090**	11500	-124.0	6.96	21.60
	11/10/2015	(orig)	**23**	2.8	<1.0	<1.5	**3700**	**6020**	9188	282.1	6.95	20.22
	11/16/2017	(orig)	**8.5**	1.0	<1.0	<1.5	**3200**	-	10091	-135.6	7.08	19.58
	10/2/2018	(orig)	**20**	2.50	<1.0	<1.5	**3300**	**5720**	8799	-142.5	7.44	21.83
	5/8/2019	(orig)	**12**	1.8	<1.0	<1.5	**3700**	**6120**	9057	-109.0	7.21	24.25

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-11	1/10/1998	(orig)	**360**	19	320	490	**3500**	**6760**	-	-	-	-
	2/25/1998	(orig)	**466**	23.70	439	570	**4650**	**10800**	13670	-	6.61	18.70
	8/4/1998	(orig)	**490**	32	590	**650**	**5140**	**9400**	14570	-	6.67	21.30
	2/11/1999	(orig)	**610**	31	610	**670**	**4600**	**9620**	15560	-	6.65	19.70
	8/10/1999	(orig)	-	-	-	-	**4900**	**9090**	-	-	-	-
	8/11/1999	(orig)	**430**	30	370	**640**	-	-	14950	-	6.71	21.10
	2/14/2000	(orig)	**440**	38	280	**620**	-	-	14730	-	6.76	20.70
	10/19/2000	(orig)	**453**	29.10	197	**652**	**3060**	-	13470	-	6.81	20.50
	10/19/2000	(orig)	**445**	27.20	166	582	**4280**	**8960**	-	-	-	-
	2/16/2001	(orig)	**505**	26.30	165	**686**	-	-	14090	-	6.74	20.90
	2/16/2001	(orig)	**410**	20.40	102	542	-	-	-	-	-	-
	2/16/2001	(duplicate)	**559**	30.50	155	**753**	-	-	-	-	-	-
	8/9/2001	(orig)	**190**	13.70	80	291	**4630**	**11100**	12950	-	6.78	20.80
	3/17/2002	(orig)	**436**	<50	60	428	-	-	13650	-	6.84	22.10
	8/6/2002	(orig)	**420**	55	41	520	**2600**	**8300**	13430	-	6.85	23.20
	1/16/2003	(orig)	**380**	19	48	400	**4100**	**7800**	13250	-	6.76	22.50
	1/16/2003	(duplicate)	**360**	25	62	500	**3400**	-	-	-	-	-
	10/14/2003	(orig)	**420**	31	44	570	-	-	13210	-	6.84	20.40
	5/27/2004	(orig)	**360**	33	50	550	**3900**	**7900**	14900	-	6.80	19.70
	11/11/2004	(orig)	**470**	32	40	**650**	-	-	11930	-	7.11	19.60
	11/11/2004	(duplicate)	**450**	32	39	**630**	-	-	-	-	-	-
	4/13/2005	(orig)	**420**	27	30	570	**4400**	**7900**	-	-	-	-
	11/30/2005	(orig)	**410**	28	34	610	-	-	11550	-	6.75	20.20
	5/9/2006	(orig)	**500**	46	64	**730**	**3800**	**8300**	11171	-	6.85	20.90
	12/12/2006	(orig)	**630**	40	52	**940**	-	-	11250	-	6.66	19.40
	6/19/2007	(orig)	**420**	30	38	**670**	**3900**	**7800**	12200	-	6.83	21.30
	6/19/2007	(duplicate)	**620**	46	60	**990**	**4100**	-	-	-	-	-
	12/6/2007	(orig)	**400**	29	32	600	-	-	10930	-	6.71	20.00
	12/6/2007	(duplicate)	**370**	26	27	550	-	-	-	-	-	-
	5/21/2008	(orig)	**460**	35	38	**840**	**3800**	**7800**	10370	-	7.48	21.00
	12/9/2008	(orig)	**430**	32	37	**720**	-	-	10860	-	6.83	17.90
	5/1/2009	(orig)	**360**	30	30	**670**	**4300**	**7900**	12570	-	6.52	20.90
	5/1/2009	(duplicate)	**380**	30	31	**700**	**4600**	-	-	-	-	-
	1/28/2010	(orig)	**330**	24	23	560	-	-	10800	-	7.02	19.00
	1/28/2010	(duplicate)	**300**	21	19	500	-	-	-	-	-	-
	11/18/2010	(orig)	**430**	33	75	**750**	**4900**	**8200**	13740	-	6.82	21.60
	5/18/2011	(orig)	**520**	44	55	**1000**	-	-	12980	-	6.89	20.90
	12/12/2011	(orig)	**410**	32	22	**730**	**4600**	**7690**	12630	-	6.91	18.20
	4/24/2012	(orig)	**440**	37	29	**820**	-	-	13410	-	6.95	20.80
	10/16/2012	(orig)	**460**	34	<10	**770**	**4400**	**8340**	10860	-	6.45	20.20
	5/8/2013	(orig)	**300**	24	<10	560	-	-	11520	-	6.76	20.60
	12/19/2013	(orig)	**450**	36	<5.0	**860**	**3800**	**7700**	11672	-	6.85	19.60
	4/30/2014	(orig)	**260**	17	<10	380	**3800**	**7480**	11631	-112.1	6.99	19.46
	10/21/2014	(orig)	**300**	26	<5.0	530	**4100**	-	11600	-99.0	7.51	20.40
	5/12/2015	(orig)	**340**	26	1.10	570	**4200**	**7730**	13850	-105.0	8.60	19.20
	11/10/2015	(orig)	**290**	24	<1.0	410	**4100**	**7490**	11206	385.1	6.83	20.21

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Transwestern Pipeline Company
Bell Lake Gas Plant
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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-12	1/10/1998	(orig)	<0.5	<0.5	<0.5	<0.5	180	413	-	-	-	-
	2/24/1998	(orig)	<5	<5	<5	<5	77.3	362	547	-	7.67	20.60
	8/4/1998	(orig)	<1	<1	<1	<1	80	340	617	-	7.67	21.30
	2/10/1999	(orig)	<1	<1	<1	<1	93	390	659	-	7.61	21.30
	8/10/1999	(orig)	<2	<2	<2	<2	110	400	686	-	7.65	20.90
	2/15/2000	(orig)	<1	<1	<1	<1	-	-	737	-	7.64	20.60
	10/19/2000	(orig)	<0.500	<0.500	<0.500	<1.00	156	508	748	-	7.55	20.30
	2/15/2001	(orig)	<0.500	<0.500	<0.500	<1.00	-	-	821	-	7.60	21.00
	8/9/2001	(orig)	<1	<1	<1	<2	171	816	839	-	7.43	20.80
	3/16/2002	(orig)	<1	<1	13.00	<1	-	-	1030	-	7.54	21.90
	8/6/2002	(orig)	<0.50	<0.50	<0.50	<0.50	230	710	1083	-	7.52	23.00
	1/15/2003	(orig)	0.77	<0.50	<0.50	<0.50	**250**	720	1190	-	7.46	22.70
	10/14/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1369	-	7.29	19.70
	5/26/2004	(orig)	2.90	<0.50	<0.50	1.80	**300**	840	1707	-	7.29	21.30
	11/11/2004	(orig)	4.60	<0.50	<0.50	2.00	-	-	1506	-	7.89	17.90
	4/13/2005	(orig)	3.50	<0.50	<0.50	1.30	**390**	860	-	-	-	-
	11/30/2005	(orig)	4.40	<0.50	<0.50	1.50	-	-	1555	-	7.25	20.00
	5/9/2006	(orig)	3.90	<1	<1	<1	**460**	**1200**	1612	-	7.26	20.50
	12/12/2006	(orig)	3.80	<1	<1	<3	-	-	1885	-	6.95	19.90
	6/19/2007	(orig)	3.70	<1	<1	<2	**610**	**1300**	1961	-	6.85	20.70
	12/6/2007	(orig)	3.30	<1	<1	<2	-	-	1971	-	6.99	19.90
	5/21/2008	(orig)	2.80	<1	<1	<2	**650**	**1500**	1911	-	7.69	20.60
	12/9/2008	(orig)	3.00	<1	<1	<2	-	-	2207	-	7.08	18.50
	5/1/2009	(orig)	1.20	<1	<1	<2	**860**	**1700**	2762	-	6.58	20.50
	1/27/2010	(orig)	<1	<1	<1	<2	-	-	2452	-	6.87	20.00
	11/17/2010	(orig)	<1	<1	<1	<2	**1100**	**1980**	3035	-	6.97	19.90
	5/18/2011	(orig)	<1	<1	<1	<2	-	-	3519	-	6.73	21.20
	12/12/2011	(orig)	<1	<1	<1	<2	**1100**	**2400**	3480	-	6.87	17.10
	4/24/2012	(orig)	<1	<1	<1	<2	-	-	3653	-	6.92	20.70
	10/16/2012	(orig)	<1	<1	<1	<2	**1100**	**2320**	3209	-	6.48	20.70
	5/8/2013	(orig)	<1	<1	<1	<2	-	-	3725	-	6.73	21.80
	12/19/2013	(orig)	<1	<1	<1	<2	**1400**	**2800**	4144	-	6.43	20.00
	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**2950**	4233	-33.3	7.33	18.29
	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	**1600**	-	5210	42.0	7.01	20.20
	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1800**	**3570**	5390	6.0	8.43	17.30
	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1800**	**3430**	4811	702.0	6.81	18.97
	6/14/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**2000**	**4470**	-	-36.7	7.70	20.70
	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1800**	**4500**	5892	-154.1	6.92	19.37
	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**2000**	**4580**	5767	-74.7	6.63	24.03
	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**2100**	**3950**	6263	-56.4	6.71	21.38
	4/11/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**1800**	**4100**	6696	-16.5	6.54	23.70
	10/3/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**2100**	**4430**	5674	-4.2	7.08	21.82
	5/7/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**2400**	**4500**	5964	-32.3	6.95	21.15
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**2000**	**4170**	6600	-19.0	6.66	19.77

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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-13	12/15/1999	(orig)	<1	<2	<2	<4	**1600**	**2700**	-	-	-	-
	2/14/2000	(orig)	<1	<1	<1	1.30	-	-	4900	-	6.83	20.40
	10/19/2000	(orig)	<0.500	<0.500	<0.500	<1.00	**1540**	**3320**	4620	-	6.82	19.70
	2/15/2001	(orig)	<0.500	<0.500	<0.500	<1.00	-	-	5070	-	6.79	21.00
	8/9/2001	(orig)	<1	<1	<1	<2	**1590**	**5450**	4820	-	6.69	20.80
	3/16/2002	(orig)	<1	<1	<1	<1	-	-	5430	-	6.79	21.00
	8/6/2002	(orig)	<0.50	<0.50	<0.50	<0.50	**1000**	**3600**	5300	-	6.80	23.20
	1/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	**1500**	**3100**	5290	-	6.80	22.50
	10/14/2003	(orig)	<0.50	0.97	<0.50	<0.50	-	-	5264	-	6.59	20.50
	5/26/2004	(orig)	-	-	-	-	**1600**	**3200**	-	-	-	-
	6/26/2004	(orig)	<0.50	1.50	<0.50	<0.50	-	-	5926	-	6.59	21.00
	11/11/2004	(orig)	<0.50	1.30	<0.50	<0.50	-	-	4903	-	7.04	19.50
	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	**1500**	**2900**	-	-	-	-
	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	4298	-	6.66	20.00
	5/9/2006	(orig)	<1	2.00	<1	<1	**1400**	**3300**	4295	-	6.59	20.20
	12/12/2006	(orig)	<1	<1	<1	<3	-	-	4352	-	6.54	19.80
	6/19/2007	(orig)	<1	<1	<1	<2	**1500**	**3200**	4434	-	6.28	20.70
	12/6/2007	(orig)	<1	<1	<1	<2	-	-	4377	-	6.80	19.70
	5/21/2008	(orig)	<1	<1	<1	<2	**1700**	**3300**	4003	-	7.51	21.00
	12/9/2008	(orig)	<1	<1	<1	<2	-	-	4198	-	6.69	17.80
	5/1/2009	(orig)	<1	<1	<1	<2	**1600**	**3100**	5040	-	6.14	20.90
	1/27/2010	(orig)	<1	<1	<1	<2	-	-	4450	-	6.63	20.00
	11/16/2010	(orig)	<5	<5	<5	<10	**1600**	**3360**	4859	-	6.62	20.10
	5/18/2011	(orig)	<1	<1	<1	<2	-	-	5125	-	6.54	20.60
	12/12/2011	(orig)	<1	<1	<1	<2	**1500**	**3460**	5081	-	6.46	19.20
	4/24/2012	(orig)	<1	<1	<1	<2	-	-	5171	-	6.80	21.00
	10/16/2012	(orig)	<1	<1	<1	<2	**1700**	**3360**	4541	-	6.23	21.70
	5/7/2013	(orig)	<1	<1	<1	<2	-	-	4931	-	6.15	20.70
	12/19/2013	(orig)	<1	<1	<1	<2	**1600**	**3270**	4769	-	6.37	20.00
	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3310**	4782	-118.7	6.44	20.96
	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	**1600**	-	4930	-68.0	7.23	20.30
	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1500**	**3230**	5090	-145.0	8.30	19.80
	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3040**	4396	518.2	6.59	19.92
	6/14/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1500**	**3460**	-	-83.8	6.82	20.70
	12/6/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1600**	**3300**	4668	-191.7	6.76	19.41
	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3500**	4608	-149.9	6.51	21.08
	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3180**	4881	-129.0	6.64	20.37
	4/11/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**1200**	**3100**	4929	-61.0	6.50	21.37
	10/4/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3280**	4237	-39.5	7.06	22.76
	5/7/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3310**	4377	-78.7	6.79	25.24
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**1200**	**3000**	4900	-14.7	6.62	19.64
MW-14	12/14/2002	(orig)	<0.50	<0.50	<0.50	<0.50	140	**1900**	-	-	-	-
	1/5/2003	(orig)	-	-	-	-	150	**2100**	-	-	-	-
	1/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	2780	-	6.78	22.70
	10/14/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	2701	-	6.60	20.10
	5/27/2004	(orig)	<0.50	<0.50	<0.50	<0.50	150	**1900**	2500	-	6.68	20.50
	11/11/2004	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	2558	-	7.26	19.10
	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	160	**1800**	-	-	-	-
	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	2185	-	6.77	20.00
	5/9/2006	(orig)	<1	<1	<1	<1	170	**1900**	2361	-	6.68	21.60
	12/12/2006	(orig)	<1	<1	<1	<3	-	-	2320	-	6.77	19.70
	6/19/2007	(orig)	<1	<1	<1	<2	160	**1900**	2415	-	6.72	21.60
	12/6/2007	(orig)	<1	<1	<1	<2	-	-	2255	-	6.52	19.80
	5/22/2008	(orig)	<1	<1	<1	<2	140	**1800**	1853	-	7.20	20.90
	12/10/2008	(orig)	<1	<1	<1	<2	-	-	2150	-	6.89	19.00

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-14 (Cont.)	5/1/2009	(orig)	<1	<1	<1	<2	170	**1800**	2490	-	6.17	21.30
	1/27/2010	(orig)	<1	<1	<1	<2	-	-	2050	-	6.72	19.60
	11/17/2010	(orig)	<1	<1	<1	<2	150	**1630**	2204	-	6.81	20.00
	5/18/2011	(orig)	<1	<1	<1	<2	-	-	2394	-	6.67	21.00
	12/12/2011	(orig)	<1	<1	<1	<2	130	**1620**	2194	-	6.91	18.70
	4/24/2012	(orig)	<1	<1	<1	<2	-	-	2321	-	6.71	20.70
	10/17/2012	(orig)	<1	<1	<1	<2	150	**1570**	2268	-	6.90	20.80
	5/9/2013	(orig)	<1	<1	<1	<2	-	-	2101	-	6.46	20.40
	12/19/2013	(orig)	<1	<1	<1	<2	140	**1560**	2060	-	6.66	20.00
	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	130	**1510**	2064	-93.9	6.69	20.41
	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	120	-	2230	103.0	6.97	20.20
	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	130	**1490**	2340	41.0	8.64	20.50
	11/10/2015	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1370**	1900	524.6	6.81	19.99
	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1490**	-	61.4	7.05	20.90
	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1510**	2150	-43.3	6.58	19.22
	5/26/2017	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1560**	2017	-108.6	6.71	21.29
	11/14/2017	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1580**	2251	194.3	6.82	21.81
	4/10/2018	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1640**	2276	65.2	6.70	22.23
	10/3/2018	(orig)	<1.0	<1.0	<1.0	<1.5	140	**1670**	2057	52.5	7.26	23.57
	5/8/2019	(orig)	<1.0	<1.0	<1.0	<1.5	130	**1660**	2063	50.2	7.08	24.58
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1580**	2324	65.1	6.77	18.81
MW-15	12/14/2002	(orig)	0.51	1.30	0.64	<0.50	**1600**	**3400**	-	-	-	-
	1/15/2003	(orig)	<0.50	1.60	<0.50	0.52	**1600**	**3400**	5750	-	6.71	22.70
	10/14/2003	(orig)	<0.50	2.50	<0.50	<0.50	-	-	5540	-	6.54	20.20
	5/26/2004	(orig)	0.52	2.80	<0.50	1.20	**1600**	**3600**	6654	-	6.52	21.00
	11/11/2004	(orig)	<0.50	2.40	<0.50	<0.50	-	-	5763	-	6.88	19.10
	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	**1700**	**3300**	-	-	-	-
	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	4905	-	6.60	20.00
	5/9/2006	(orig)	<1	3.10	<1	<1	**1600**	**3800**	4762	-	6.64	20.60
	12/12/2006	(orig)	<1	<1	<1	<3	-	-	4895	-	6.48	19.80
	6/19/2007	(orig)	<1	<1	<1	<2	**1600**	**3400**	4794	-	6.46	21.40
	12/6/2007	(orig)	<1	<1	<1	<2	-	-	4948	-	6.50	20.00
	5/21/2008	(orig)	<1	<1	<1	<2	**1600**	**3600**	4254	-	7.54	20.70
	12/9/2008	(orig)	<1	<1	<1	<2	-	-	4435	-	6.64	17.60
	5/1/2009	(orig)	<1	<1	<1	<2	**1800**	**3300**	5234	-	6.17	21.00
	1/27/2010	(orig)	<10	<10	<10	<20	-	-	4340	-	6.63	20.00
	11/16/2010	(orig)	<10	<10	<10	<20	**1600**	**3180**	4687	-	6.67	19.80
	5/18/2011	(orig)	<1	<1	<1	<2	-	-	5495	-	6.53	21.10
	12/12/2011	(orig)	<1	<1	<1	<2	**1500**	**3510**	4900	-	6.74	18.10
	4/24/2012	(orig)	<1	<1	<1	<2	-	-	5648	-	6.72	21.00
	10/16/2012	(orig)	<1	<1	<1	<2	**1600**	**3290**	4414	-	6.34	20.30
	5/7/2013	(orig)	<1	<1	<1	<2	-	-	5085	-	6.16	21.30
	12/19/2013	(orig)	<1	<1	<1	<2	**1500**	**3220**	4877	-	6.48	19.90
	4/30/2014	(orig)	<1.0	<1.0	<1.0	2.10	**1400**	**3330**	4927	-154.2	6.70	19.85
	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	**1800**	-	5150	-55.0	7.41	20.80
	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3460**	5560	-84.0	8.82	20.00
	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1600**	**3280**	4591	577.1	6.55	19.57
	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3400**	-	-57.5	6.65	20.90
	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1500**	**3460**	5143	-140.9	6.74	19.25
	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3120**	4505	-38.6	6.50	21.63
	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3340**	5155	-32.1	6.68	21.64
	4/11/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**1100**	**2990**	4709	-29.4	6.53	22.21
	10/3/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**1200**	**3040**	2057	52.5	7.26	23.57
	5/7/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3020**	4126	-26.0	6.90	21.76
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**1100**	**2720**	4641	-36.7	6.69	19.68

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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-16	12/14/2002	(orig)	<0.50	<0.50	<0.50	<0.50	120	840	-	-	-	-
	1/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	120	840	1309	-	7.52	22.40
	10/14/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1423	-	7.13	20.40
	5/26/2004	(orig)	-	-	-	-	150	**1000**	-	-	-	-
	6/26/2004	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1749	-	7.07	20.80
	11/11/2004	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1590	-	7.55	19.20
	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	160	**1100**	-	-	-	-
	12/1/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1427	-	7.19	19.50
	4/9/2006	(orig)	-	-	-	-	160	**1200**	-	-	-	-
	5/9/2006	(orig)	<1	<1	<1	<1	-	-	1529	-	7.07	20.30
	12/12/2006	(orig)	<1	<1	<1	<3	-	-	1618	-	6.94	19.60
	6/19/2007	(orig)	<1	<1	<1	<2	180	**1300**	1676	-	6.82	21.20
	12/6/2007	(orig)	<1	<1	<1	<2	-	-	1612	-	7.01	19.50
	5/21/2008	(orig)	<1	<1	<1	<2	180	**1300**	1711	-	7.74	21.00
	12/9/2008	(orig)	<1	<1	<1	<2	-	-	1540	-	7.09	18.50
	5/1/2009	(orig)	<1	<1	<1	<2	210	**1200**	1830	-	6.66	21.10
	1/27/2010	(orig)	<1	<1	<1	<2	-	-	1656	-	6.93	20.00
	11/16/2010	(orig)	<1	<1	<1	<2	230	**1310**	1786	-	7.00	2.20
	5/18/2011	(orig)	<1	<1	<1	<2	-	-	1947	-	6.93	20.50
	12/12/2011	(orig)	<1	<1	<1	<2	230	**1330**	1976	-	6.76	18.20
	4/24/2012	(orig)	<1	<1	<1	<2	-	-	1909	-	7.09	21.10
	10/16/2012	(orig)	<1	<1	<1	<2	210	**1330**	1846	-	6.90	21.00
	5/7/2013	(orig)	<1	<1	<1	<2	-	-	1859	-	6.55	21.60
	12/19/2013	(orig)	<1	<1	<1	<2	210	**1360**	1783	-	6.49	20.10
	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1260**	1774	-96.9	7.02	20.73
	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	210	-	1870	108.0	7.17	20.50
	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1240**	1940	110.0	8.39	16.90
	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	180	**1200**	1615	680.4	7.06	19.83
	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1330**	-	110.0	6.75	20.90
	12/6/2016	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1320**	1705	-6.1	7.17	18.95
	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	200	**1230**	1674	-13.8	6.75	20.91
	11/14/2017	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1190**	1775	152.3	6.99	20.51
	4/10/2018	(orig)	<1.0	<1.0	<1.0	<1.5	170	**1160**	1749	76.6	6.85	21.02
	10/4/2018	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1220**	1535	61.0	7.42	22.78
	5/7/2019	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1190**	1550	52.5	7.14	22.09
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	170	**1090**	1762	51.7	6.96	20.06
MW-17	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**430**	**1230**	1653	-31.9	7.22	19.92
	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**390**	**1200**	1847	206.7	7.49	23.36
	4/10/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**430**	**1190**	1941	70.7	7.16	20.42
	10/3/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**510**	**1330**	1798	44.8	7.66	21.54
	5/7/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**560**	**1400**	1868	53.1	7.40	21.74
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	**540**	**1290**	2332	45.9	7.24	19.37
MW-18	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	5.5	305	427	-61.7	7.47	20.81
	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	11	300	442	53.1	7.73	21.28
	4/10/2018	(orig)	<1.0	<1.0	<1.0	<1.5	4.5	328	437	68.0	7.65	20.26
	4/10/2018	(dup)	<1.0	<1.0	<1.0	<1.5	4.6	310	437	68.0	7.65	20.26
	10/3/2018	(orig)	<1.0	<1.0	<1.0	<1.5	5.2	305	384	61.7	7.99	21.95
	5/7/2019	(orig)	<1.0	<1.0	<1.0	<1.5	5.4	298	396	36.5	7.95	23.25
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	5.1	297	458	51.0	7.66	18.97
MW-19	5/24/2017	(orig)	<1.0	<1.0	1.80	5.70	46	580	1350	-89.6	7.63	20.61
	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	50	356	567	40.3	7.68	20.20
	4/10/2018	(orig)	<1.0	<1.0	<1.0	<1.5	57	382	585	57.2	7.76	20.15
	10/3/2018	(orig)	<1.0	<1.0	<1.0	<1.5	58	378	511	61.6	7.92	22.56
	5/8/2019	(orig)	<1.0	<1.0	<1.0	<1.5	66	384	542	25.7	7.85	22.59
	11/21/2019	(orig)	<1.0	<1.0	<1.0	<1.5	69	380	629	53.7	7.59	19.77

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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-20R	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**330**	**1150**	1489	-67.9	6.93	19.57
	11/16/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**290**	-	1517	19.0	7.31	19.66
	4/10/2018	(orig)	<1.0	<1.0	<1.0	<1.5	**300**	998	1549	76.2	7.10	21.13
	10/3/2018	(orig)	<1.0	<1.0	2.1	<1.5	**300**	**1010**	1333	40.7	7.62	22.92
	5/9/2019	(orig)	<1.0	<1.0	2.1	<1.5	**310**	**1030**	1354	31.7	7.47	20.16
	11/21/2019	(orig)	<1.0	<1.0	2.1	<1.5	**270**	930	1568	57.8	7.19	19.30
MW-21	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	<5.0	304	425	-76.2	7.29	19.56
	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	<5.0	270	428	67.7	7.74	19.91
	4/9/2018	(orig)	<1.0	<1.0	<1.0	<1.5	2.9	320	386	66.6	7.62	20.97
	10/2/2018	(orig)	<1.0	<1.0	<1.0	<1.5	<5.0	295	376	26.7	8.04	21.54
	5/9/2019	(orig)	<1.0	<1.0	<1.0	<1.5	<5.0	290	378	36.1	7.99	19.77
	11/20/2019	(orig)	<1.0	<1.0	<1.0	<1.5	<5.0	267	475	45.6	7.70	19.06
SVE-2	12/13/1995	(orig)	<200	<200	231	202	**1500**	**2670**	5820	-	**9.50**	21.40
	2/20/1996	(orig)	**133**	<2	191	72	**495**	**2410**	4750	-	**9.05**	22.00
	10/17/2000	(orig)	1.72	<0.500	<0.500	3.19	**532**	**2390**	3190	-	7.28	21.90
	2/16/2001	(orig)	1.76	<0.500	1.12	4.16	-	-	3930	-	7.74	23.80
	8/8/2001	(orig)	1.62	<1	<1	<2	**597**	**2610**	2870	-	7.37	23.10
	3/17/2002	(orig)	1.10	<1	1.50	<1	-	-	3750	-	7.52	24.40
	8/6/2002	(orig)	2.80	<0.50	2.90	0.51	**610**	**2700**	3630	-	7.31	24.30
	1/15/2003	(orig)	0.89	<0.50	0.79	0.66	**390**	**2400**	3670	-	7.51	25.20
	10/15/2003	(orig)	2.70	<0.50	1.20	0.94	-	-	5777	-	**9.13**	23.30
	5/27/2004	(orig)	**6.0**	<0.50	4.00	2.20	**590**	**2300**	3241	-	7.20	22.10
	11/10/2004	(orig)	0.88	<0.50	<0.50	<0.50	-	-	3795	-	7.92	22.70
	4/13/2005	(orig)	**39**	1.20	59.00	13	**530**	**2200**	2990	-	7.79	23.00
	11/30/2005	(orig)	1.10	<0.50	<0.50	<0.50	-	-	2360	-	7.35	22.40
	5/9/2006	(orig)	2.40	<1	1.10	<3	**430**	**1600**	2454	-	7.24	23.00
	12/13/2006	(orig)	1.10	<1	<1	<3	-	-	1988	-	7.04	22.20
	6/20/2007	(orig)	**5.10**	<1	2.10	<2	**380**	**1400**	2099	-	7.36	22.70
	12/5/2007	(orig)	2.60	<1	<1	<2	-	-	1970	-	-	22.20
	5/20/2008	(orig)	**50**	<1	61	19	**660**	**2100**	1987	-	8.05	22.60
	12/9/2008	(orig)	**5.20**	<1	<1	<2	-	-	1579	-	7.45	20.60
	4/30/2009	(orig)	**16**	<1	14	4.60	**1300**	**3100**	2000	-	7.04	22.40
	1/28/2010	(orig)	**7.50**	<1	2.70	<2	-	-	5205	-	**9.93**	21.40
	11/16/2010	(orig)	**21**	<1	19.00	6.30	**930**	**2150**	3687	-	8.36	21.40
	5/18/2011	(orig)	**11**	<1	3.10	4.30	-	-	3668	-	7.78	22.30
	12/12/2011	(orig)	**11**	<1	5.80	3.40	**1300**	**3880**	2126	-	7.83	20.60
	4/23/2012	(orig)	**9.30**	<1	2.20	2.70	-	-	1530	-	6.83	22.50
	10/17/2012	(orig)	**6.90**	<1	2.30	<2	**420**	**1190**	1845	-	7.98	22.30
	5/8/2013	(orig)	2.80	<1	<1	<2	-	-	1669	-	8.12	22.60
	12/18/2013	(orig)	3.20	<1	<1	<2	**400**	**1170**	1730	-	7.25	21.70
	5/2/2014	(orig)	**9.90**	<1.0	8.30	3.90	**830**	**2420**	3590	-261.6	**9.44**	23.17
	10/23/2014	(orig)	**62**	<1.0	77.00	21	**3200**	-	3090	-238.0	**9.23**	22.40
	05/13/2015	(orig)	**5.1**	<1.0	3.30	<1.5	**1200**	**3710**	3620	-233.0	**9.73**	22.50
	05/13/2015	(duplicate)	**6.0**	<1.0	3.50	<1.5	-	-	-	-	-	-
	11/10/2015	(orig)	**6.4**	<1.0	4.50	<1.5	**510**	**1550**	3117	152.9	**9.61**	21.60
	11/10/2015	(duplicate)	**5.9**	<1.0	4.00	<1.5	-	-	-	-	-	-

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-3	5/2/2014	(orig)	3.0	<1.0	<1.0	<1.5	**320**	**1110**	-	-	**-**	-
	10/24/2014	(orig)	3.2	<1.0	<1.0	<2.0	**380**	**-**	2070	-181.0	7.30	21.80
	5/12/2015	(orig)	**6.1**	<1.0	<1.0	<1.5	**460**	**1360**	2960	-167.0	8.91	20.40
	11/11/2015	(orig)	**6.0**	<1.0	<1.0	<1.5	**450**	**1190**	3978	374.2	8.09	19.70
	6/14/2016	(orig)	**8.4**	<5.0	<5.0	<7.5	**730**	**1760**	-	-173.1	7.34	21.50
	12/6/2016	(orig)	**13**	<10	<10	<15	**730**	**1750**	2810	-246.0	7.85	20.01
	12/6/2016	(duplicate)	**15**	<10	<10	<15	**620**	**1600**	2810	-246.0	7.85	20.01
	5/26/2017	(orig)	**5.2**	<1.0	<1.0	<1.5	**330**	**1120**	1900	-220.2	7.20	19.86
	11/16/2017	(orig)	4.3	<1.0	<1.0	<1.5	**370**	**1120**	1982	-179.7	7.49	21.43
	4/10/2018	(orig)	4.7	<1.0	<1.0	<1.5	**350**	**1140**	1970	-164.0	7.35	21.51
	10/4/2018	(orig)	**5.8**	<1.0	<1.0	<1.5	**410**	**1250**	1928	-175.1	7.81	22.35
	5/9/2019	(orig)	4.7	<1.0	<1.0	<1.5	**400**	**1180**	1885	-197.1	7.63	21.29
	11/21/2019	(orig)	**5.0**	<1.0	<1.0	<1.5	**360**	**1180**	2323	-203.2	7.42	19.77
SVE-5	10/18/2000	(orig)	**754**	158	**2010**	**3150**	**4010**	**12000**	-	-	**-**	-
	2/16/2001	(orig)	**166**	48.40	508	**1210**	**-**	**-**	-	-	**-**	-
	8/8/2001	(orig)	**917**	114	**2590**	**3228**	**6010**	**17700**	-	-	**-**	-
	3/16/2002	(orig)	**1110**	<200	**1770**	**1920**	**-**	**-**	-	-	**-**	-
	8/6/2002	(orig)	**300**	80	**1100**	**1400**	**4100**	**13000**	16000	-	8.59	24.60
	1/14/2003	(orig)	**570**	130	**1800**	**2900**	**8600**	**17000**	-	-	**-**	-
	10/15/2003	(orig)	**700**	150	**2500**	**4700**	**-**	**-**	-	-	**-**	-
	5/26/2004	(orig)	**550**	110	**1700**	**1900**	**2500**	**16000**	16150	-	**9.72**	24.30
	11/11/2004	(orig)	**580**	96	**1800**	**2000**	**-**	**-**	12180	-	**9.80**	21.30
	4/13/2005	(orig)	**370**	63	**1100**	**1400**	**3400**	**11000**	15740	-	**9.69**	23.40
	11/30/2005	(orig)	**250**	51	580	**1000**	**-**	**-**	12880	-	**9.55**	22.50
	5/9/2006	(orig)	**1000**	<20	670	**3000**	**3900**	**12000**	11410	-	**9.36**	23.80
	12/13/2006	(orig)	**250**	<50	700	**960**	**-**	**-**	16490	-	**10.01**	22.20
	6/19/2007	(orig)	**400**	66	**1100**	**1500**	**2700**	**8600**	17060	-	**10.15**	23.20
	6/19/2007	(duplicate)	**420**	72	**1200**	**1500**	**2500**	**-**	-	-	**-**	-
	12/5/2007	(orig)	**560**	84	**1600**	**1900**	**-**	**-**	15700	-	**-**	22.20
	5/20/2008	(orig)	**640**	86	**1800**	**2100**	**4500**	**15000**	14430	-	**9.55**	23.00
	5/20/2008	(duplicate)	**550**	74	**1800**	**1700**	**3800**	**-**	-	-	**-**	-
	12/9/2008	(orig)	**400**	52	**1200**	**1400**	**-**	**-**	11660	-	**9.45**	21.00
	4/30/2009	(orig)	**500**	69	**1500**	**1700**	**4300**	**13000**	16100	-	**9.40**	22.40
	1/27/2010	(orig)	**310**	43	850	**980**	**-**	**-**	16300	-	**9.98**	21.90
	11/16/2010	(orig)	**490**	68	**1600**	**1600**	**3800**	**11000**	11720	-	**9.37**	20.50
	5/17/2011	(orig)	**160**	29	420	540	**-**	**-**	10960	-	8.97	23.00
	12/12/2011	(orig)	**400**	55	**1100**	**1200**	**4100**	**10100**	14270	-	**9.73**	19.20
	4/23/2012	(orig)	**430**	63	**1100**	**1300**	**-**	**-**	11210	-	**9.23**	23.10
	10/17/2012	(orig)	**470**	73	**1700**	**1700**	**3500**	**10900**	15940	-	**9.80**	22.40
	5/8/2013	(orig)	**330**	44	990	**1100**	**-**	**-**	10240	-	**9.15**	23.20
	12/18/2013	(orig)	**520**	58	**1500**	**1500**	**3600**	**14200**	15827	-	**10.11**	21.60
	5/1/2014	(orig)	**260**	35	740	**750**	**2400**	**8940**	12456	-375.5	**9.21**	19.08
	10/24/2014	(orig)	**480**	52	**1100**	**1400**	**4000**	**-**	17200	-351.0	**10.47**	23.20
	5/14/2015	(orig)	**250**	27	700	**620**	**2700**	**9770**	14500	-493.0	**9.71**	24.50
	6/15/2016	(orig)	**360**	<50	**1000**	**1100**	**4000**	**12800**	-	-360.2	**10.13**	23.50
	12/6/2016	(orig)	**390**	<50	**1100**	**1100**	**3700**	**12700**	8551	-343.6	**10.82**	20.88
	5/23/2017	(orig)	**200**	25	520	450	**2200**	**7060**	9510	-314.8	**9.74**	21.05
	11/16/2017	(orig)	**280**	33	790	**650**	**3400**	**10600**	10091	-135.6	7.08	19.58
	4/11/2018	(orig)	**250**	26	580	460	**2400**	**8690**	10023	-290.0	**9.33**	24.05
	10/4/2018	(orig)	**370**	40	960	**820**	**3500**	**10700**	13020	-352.7	**10.33**	23.88
	10/4/2018	(duplicate)	**360**	38	970	**780**	**3400**	**10300**	-	-	**-**	-
	5/9/2019	(orig)	**4.8**	<1.0	12	8	**2500**	**8180**	10958	-317.2	**10.45**	22.22
	11/21/2019	(orig)	**300**	30	810	**630**	**2900**	**9270**	14695	-348.5	**10.30**	20.66

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-6	10/18/2000	(orig)	**125**	28.30	322	**652**	**2080**	**8170**	-	-	**-**	-
	2/16/2001	(orig)	**143**	29.70	337	**943**	**-**	**-**	6920	-	**-**	-
	8/8/2001	(orig)	**102**	6.09	218	276	**1800**	**9250**	8040	-	**10.36**	22.50
	3/16/2002	(orig)	**119**	<5	264	256	**-**	**-**	8730	-	**10.42**	23.80
	8/5/2002	(orig)	**230**	87	710	470	**-**	**-**	8210	-	8.46	23.10
	8/6/2002	(orig)	-	**-**	**-**	**-**	**960**	**8200**	-	-	**-**	-
	1/15/2003	(orig)	**180**	65	440	380	**1900**	**10000**	13920	-	**10.42**	24.10
	10/15/2003	(orig)	**57**	11	140	92	**-**	**-**	9851	-	**9.53**	22.50
	5/26/2004	(orig)	**81**	17	200	190	**1100**	**6800**	9150	-	**9.60**	23.10
	11/11/2004	(orig)	**230**	35	570	420	**-**	**-**	7250	-	**9.82**	20.70
	4/13/2005	(orig)	**100**	12	250	200	**1400**	**7600**	8900	-	**10.19**	22.20
	11/30/2005	(orig)	**160**	18	340	210	**-**	**-**	7628	-	**9.41**	20.80
	5/8/2006	(orig)	**420**	<10	**2000**	**1000**	**-**	**-**	9026	-	**9.82**	24.20
	5/9/2006	(orig)	-	**-**	**-**	**-**	**1600**	**8900**	-	-	**-**	-
	12/12/2006	(orig)	**260**	<10	610	330	**-**	**-**	6416	-	8.80	21.50
	12/12/2006	(duplicate)	**260**	<10	600	330	**-**	**-**	-	-	**-**	-
	6/19/2007	(orig)	**300**	16.00	750	470	**1700**	**9000**	8817	-	**9.57**	23.50
	12/5/2007	(orig)	**200**	<10	450	260	**-**	**-**	10000	-	**-**	21.30
	5/20/2008	(orig)	**170**	<10	370	170	**-**	**-**	8473	-	**9.43**	22.00
	5/21/2008	(orig)	-	**-**	**-**	**-**	**1500**	**7700**	-	-	**-**	-
	12/9/2008	(orig)	**69**	<10	150	97	**-**	**-**	8098	-	**9.57**	20.10
	4/30/2009	(orig)	**180**	<10	400	130	**1800**	**8500**	9893	-	**9.65**	22.90
	1/27/2010	(orig)	**130**	<10	270	130	**-**	**-**	10620	-	**10.42**	21.90
	11/16/2010	(orig)	**91**	<10	190	86	**1900**	**8710**	5348	-	**10.03**	21.50
	5/17/2011	(orig)	**150**	<5	320	140	**-**	**-**	5955	-	**9.92**	22.90
	12/12/2011	(orig)	**200**	<5	400	220	**1800**	**8120**	9009	-	**10.04**	19.30
	4/23/2012	(orig)	**190**	<10	370	180	**-**	**-**	8505	-	**9.89**	21.00
	10/17/2012	(orig)	**150**	<10	300	130	**1800**	**7440**	9680	-	**10.16**	21.70
	5/8/2013	(orig)	**89**	<10	200	100	**-**	**-**	7227	-	**9.94**	22.90
	12/19/2013	(orig)	**210**	7.50	450	190	**1900**	**8560**	8607	-	**10.26**	21.10
	5/2/2014	(orig)	**62**	<5.0	130	59	**1100**	**5860**	8117	-329.4	**9.15**	21.75
	10/24/2014	(orig)	**58**	<5.0	120	64	**1500**	**-**	-	-	**-**	-
	5/13/2015	(orig)	**21**	<5.0	48	21	**1000**	**4940**	7510	-259.0	8.09	22.80
	11/11/2015	(orig)	**27**	<1.0	58	21	**840**	**4300**	5902	-262.5	9.00	20.61
	11/11/2015	(duplicate)	**26**	<1.0	52	20	**-**	-	-	**-**	-	-
	6/16/2016	(orig)	**52**	1.80	110	41	**1300**	**6410**	-	**-270.7**	9.4	22.60
	12/6/2016	(orig)	**66**	<5	120	45	**1300**	**5340**	7231.0	**-310.7**	9.7	19.01
	5/23/2017	(orig)	**19**	<2.0	31	8.70	**960**	**4480**	6344.0	**-255.8**	9.2	20.26
	11/16/2017	(orig)	**12**	<1.0	17	4.20	**820**	**4480**	6368.1	**-240.2**	8.9	23.82
	4/11/2018	(orig)	**18**	<1.0	32	12	**680**	**4460**	6600.0	**-234.7**	8.9	27.06
	10/4/2018	(orig)	**25**	<1.0	41	12	**770**	**4100**	5213.5	**-254.0**	9.3	24.08
	5/9/2019	(orig)	**41**	1.00	63	21	**750**	**3680**	4940.5	**-215.4**	10.0	22.22
	11/21/2019	(orig)	**32**	<1.0	54	18	**460**	**2670**	4386.5	**-226.8**	9.4	19.77

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Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-7	10/17/2000	(orig)	**6.16**	<0.500	0.94	2.01	**1450**	**3360**	8170	-	7.95	22.10
	2/16/2001	(orig)	**7.66**	<0.500	0.85	1.98	-	-	8020	-	8.13	20.90
	8/8/2001	(orig)	**22.6**	1.43	3.99	13.61	**2060**	**4340**	9950	-	7.93	21.80
	3/16/2002	(orig)	**8.3**	<5	<5	<5	-	-	12680	-	7.95	23.70
	8/5/2002	(orig)	3.4	<0.50	<0.50	<0.50	**2100**	**4900**	6240	-	7.37	22.60
	1/15/2003	(orig)	4.1	<0.50	<0.50	<0.50	**1300**	**3500**	6310	-	8.16	22.40
	10/15/2003	(orig)	4.7	<0.50	<0.50	1.30	-	-	8076	-	7.78	22.40
	5/27/2004	(orig)	**7.0**	<0.50	0.75	1.80	**1300**	**3400**	7070	-	7.84	22.00
	11/10/2004	(orig)	3.0	<0.50	<0.50	<0.50	-	-	9294	-	7.80	21.60
	4/13/2005	(orig)	**14**	0.53	1.20	3.90	**2200**	**4800**	6320	-	7.80	22.10
	11/30/2005	(orig)	**21**	0.74	3.90	8.00	-	-	5567	-	7.76	21.80
	5/10/2006	(orig)	**6.8**	<1	<1	<3	**1300**	**3700**	6604	-	7.62	21.80
	12/13/2006	(orig)	**16**	<1	1.00	<3	-	-	6034	-	7.59	21.40
	6/20/2007	(orig)	**5.7**	<1	<1	<2	**1400**	**3400**	7339	-	7.53	22.00
	12/5/2007	(orig)	2.8	<1	<1	<2	-	-	5703	-	-	21.30
	5/22/2008	(orig)	4.3	<1	<1	<2	**1500**	**3800**	5979	-	8.40	21.60
	12/9/2008	(orig)	**8.0**	<1	<1	<2	-	-	5315	-	7.63	19.90
	4/30/2009	(orig)	**7.5**	<1	<1	<2	**1000**	**2600**	6370	-	7.38	22.10
	1/28/2010	(orig)	<1	<1	<1	<2	-	-	8837	-	8.50	20.70
	11/17/2010	(orig)	<10	<10	<10	<20	**1100**	**3500**	7164	-	8.01	20.50
	5/18/2011	(orig)	**5.3**	<1	<1	<2	-	-	8672	-	8.77	21.90
	12/12/2011	(orig)	**19**	<1	2.40	4.80	**1800**	**4420**	6870	-	7.96	20.10
	4/23/2012	(orig)	**16**	<1	1.80	3.90	-	-	8578	-	8.78	21.60
	10/17/2012	(orig)	**25**	<1	3.20	5.40	**2400**	**5070**	7424	-	8.64	21.80
	5/8/2013	(orig)	**22**	<1	4.00	6.70	-	-	5654	-	8.43	21.40
	12/19/2013	(orig)	**26**	<1	5.30	7.30	**2400**	**5440**	8042	-	**9.05**	20.10
	5/2/2014	(orig)	**18**	<1.0	2.80	3.80	**1800**	**3940**	5748	-266.2	8.50	22.48
	5/2/2014	(duplicate)	**16**	<1.0	2.30	2.20	**1500**	**3560**	-	-	-	-
	10/24/2014	(orig)	**24**	<1.0	5.60	7.50	**2900**	-	8980	-249.0	**9.19**	21.70
	5/13/2015	(orig)	**8.1**	<1.0	<1.0	<1.5	**1100**	**2610**	4840	-148.0	8.18	21.40
	5/13/2015	(duplicate)	**8.5**	<1.0	<1.0	<1.5	-	-	-	-	-	-
	11/12/2015	(orig)	**6.9**	<1.0	<1.0	<1.5	**920**	**2400**	3658	547.9	7.60	20.20
SVE-11	11/14/1996	(orig)	**6.2**	45	150	140	-	-	-	-	-	-
	10/18/2000	(orig)	**552**	47	**1680**	**920**	**2660**	**10600**	19500	-	**10.22**	21.20
	2/16/2001	(orig)	**497**	83.60	**1670**	**1180**	-	-	14540	-	-	20.70
	8/8/2001	(orig)	**468**	53.10	**1780**	**1123**	**2790**	**10500**	15840	-	**10.12**	21.90
	3/16/2002	(orig)	**721**	<200	**1410**	**897**	-	-	1672	-	**10.21**	23.70
	8/6/2002	(orig)	**530**	100	**1800**	**1100**	**2200**	**12000**	13510	-	**9.24**	23.20
	1/15/2003	(orig)	**170**	36	540	340	**1000**	**4800**	-	-	-	-
	10/15/2003	(orig)	**280**	41	**1100**	**670**	-	-	13770	-	**10.11**	22.40
	5/27/2004	(orig)	**520**	77	**1600**	**1100**	**2500**	**11000**	11890	-	**10.20**	22.80
	11/11/2004	(orig)	**580**	82	**1800**	**1600**	-	-	11470	-	**10.30**	20.50
	4/14/2005	(orig)	**460**	57	**1400**	**960**	**2400**	**9800**	15250	-	**10.18**	21.30
	11/30/2005	(orig)	**550**	74	**1700**	**1200**	-	-	11440	-	**10.14**	21.60
	5/9/2006	(orig)	**600**	<20	**2000**	**870**	**1900**	**8800**	-	-	-	-
	5/9/2006	(duplicate)	**570**	<20	**1900**	**840**	**2200**	-	-	-	-	-
	12/13/2006	(orig)	**500**	<50	**1500**	**1100**	-	-	12730	-	**10.45**	21.80
	6/19/2007	(orig)	**310**	34	980	**710**	**1300**	**5600**	12660	-	**10.20**	22.10
	12/5/2007	(orig)	**560**	63	**1600**	**1300**	-	-	11190	-	-	22.70
	5/22/2008	(orig)	**500**	54	**1500**	**1200**	**1900**	**8900**	9949	-	**11.47**	22.00
	12/9/2008	(orig)	**460**	49	**1400**	**1000**	-	-	9839	-	**10.21**	19.50
	12/9/2008	(duplicate)	**440**	50	**1400**	**1000**	-	-	-	-	-	-
	4/30/2009	(orig)	**310**	39	**1100**	**640**	**1500**	**6200**	14660	-	**9.98**	22.40
	4/30/2009	(duplicate)	**320**	40	**1100**	**840**	**1400**	-	-	-	-	-
	1/28/2010	(orig)	**250**	31	830	**640**	-	-	11490	-	**10.30**	21.60
	11/17/2010	(orig)	**270**	33	870	**640**	**1600**	**6130**	9254	-	**10.32**	23.50
	11/17/2010	(duplicate)	**260**	30	860	570	**1600**	-	-	-	-	-
	5/17/2011	(orig)	**160**	22	510	390	-	-	8982	-	**9.89**	22.90

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-11 (Cont.)	5/17/2011	(duplicate)	**160**	23	530	410	-	-	-	-	-	-
	12/12/2011	(orig)	**74**	<10	220	160	**640**	**2690**	8896	-	**9.96**	20.20
	12/12/2011	(duplicate)	**70**	<10	200	150	-	-	-	-	-	-
	4/24/2012	(orig)	**340**	43	900	**890**	-	-	8392	-	**9.93**	22.97
	10/17/2012	(orig)	**300**	38	890	**750**	**1600**	**5650**	7131	-	**10.12**	25.07
	5/8/2013	(orig)	**250**	28	700	610	-	-	8397	-	**10.45**	22.69
	12/18/2013	(orig)	**310**	34	880	**760**	**1500**	**5510**	7240	-	**9.93**	21.02
	5/1/2014	(orig)	**340**	39	900	**780**	**2100**	**6060**	10037	-411.6	7.33	19.72
	10/23/2014	(orig)	**330**	39	790	**720**	**1700**	-	7910	-299.0	**9.36**	23.40
	5/14/2015	(orig)	**210**	23	410	380	**1400**	**4810**	8010	-459.0	**9.40**	24.00
	11/11/2015	(orig)	**240**	20	390	320	**1600**	**5020**	7858	185.9	8.88	21.27
Water Well	5/31/1995	(orig)	<2	<2	<2	<2	100	900	-	-	8.20	-
	12/14/1995	(orig)	<2	<2	<2	<2	106	825	1160	-	8.53	22.90
	2/21/1996	(orig)	<2	<2	<2	<2	107	402	1390	-	**9.06**	23.30
	5/16/1996	(orig)	<2	<2	<2	<2	-	-	1320	-	7.52	27.30
	8/14/1996	(orig)	<2	<2	<2	<3	-	-	-	-	-	-
	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	7.52	-
	2/8/1997	(orig)	<2	<2	<2	<2	109	854	1200	-	8.45	20.20
	8/9/1997	(orig)	<2	<2	<2	<2	**500**	840	1338	-	8.11	24.90
	2/26/1998	(orig)	<5	<5	<5	<5	102	850	1221	-	7.56	20.60
	8/4/1998	(orig)	<1	<1	<1	<1	113	850	1362	-	8.12	22.20
	2/11/1999	(orig)	<1	<1	<1	<1	110	850	-	-	-	-
	8/11/1999	(orig)	<2	<2	<2	<2	110	830	-	-	-	-
	2/15/2000	(orig)	<1	<1	<1	<1	-	-	1325	-	8.18	22.30
	2/16/2001	(orig)	<0.500	<0.500	<0.500	<1.00	-	-	-	-	-	-
	8/9/2001	(orig)	<1	<1	<1	<2	113	966	1292	-	8.31	27.00
	3/17/2002	(orig)	<1	<1	<1	<1	-	-	1310	-	8.17	23.80
	8/6/2002	(orig)	<0.50	<0.50	<0.50	<0.50	99	790	-	-	-	-
	1/16/2003	(orig)	<0.50	<0.50	<0.50	<0.50	100	780	1310	-	7.99	23.90
	10/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-
	5/27/2004	(orig)	<0.50	<0.50	<0.50	<0.50	110	790	-	-	-	-
	11/10/2004	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-
	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	120	840	-	-	-	-
	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-
	5/8/2006	(orig)	<1	<1	<1	<1	100	870	-	-	-	-
	12/12/2006	(orig)	<1	<1	<1	<3	-	-	1186	-	7.97	20.30
	6/18/2007	(orig)	<1	<1	<1	<2	110	840	1388	-	6.90	22.60
	12/5/2007	(orig)	<1	<1	<1	<2	-	-	1221	-	-	22.20
	5/20/2008	(orig)	<1	<1	<1	<2	98	820	1359	-	8.15	22.60
	12/10/2008	(orig)	<1	<1	<1	<2	-	-	1359	-	8.15	22.60
	4/30/2009	(orig)	<1	<1	<1	<2	120	850	-	-	-	-
	1/27/2010	(orig)	<1	<1	<1	<2	-	-	1353	-	8.05	21.15
	11/17/2010	(orig)	<1	<1	<1	<2	120	864	1284	-	8.05	21.29
	5/18/2011	(orig)	<1	<1	<1	<2	-	-	1386	-	7.94	22.78
	12/12/2011	(orig)	<1	<1	4.80	<2	110	862	1357	-	8.00	21.36
	4/23/2012	(orig)	<1	<1	<1	<2	-	-	1363	-	7.57	22.85
	10/17/2012	(orig)	<1	<1	<1	<2	110	893	1409	-	8.39	22.34
	5/8/2013	(orig)	<1	<1	<1	<2	-	-	-	-	-	-
	12/18/2013	(orig)	<1	<1	<1	<2	110	880	1346	-	7.22	21.40
	5/1/2014	(orig)	<1	<1	<1	<1.5	110	881	-	-	-	-
	5/13/2015	(orig)	<1.0	<1.0	<1.0	<1.5	110	890	-	-	-	-
	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	100	850	-	-	-	-
	6/16/2016	(orig)	<1.0	<1.0	<1.0	<1.5	120	898	-	-	-	-
	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	110	866	-	-	-	-
	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	110	862	-	-	-	-
	11/16/2017	(orig)	<1.0	<1.0	<1.0	<1.5	110	869	-	-	-	-

Table 2
Groundwater Analytical Results and Field Parameter Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Date	Sample Type	Benzene (ug/L)	Ethylbenzene (ug/L)	Toluene (ug/L)	Total Xylenes (ug/L)	Chloride (mg/L)	TDS (mg/L)	Conductivity* (uS/cm)	ORP* (millivolts)	pH* (s.u.)	Sample Temperature* (Deg C)
NMWQCC Standard			**5**	**700**	**1000**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
Water Well (Cont.)	4/10/2018	(orig)	<1.0	<1.0	<1.0	<1.5	110	885	-	-	-	-
	10/4/2018	(orig)	<1.0	<1.0	<1.0	<1.5	120	874	-	-	-	-
	5/8/2019	(orig)	<1.0	<1.0	<1.0	<1.5	120	867				
	5/8/2019	(dup)	<1.0	<1.0	<1.0	<1.5	120	889	-	-	-	-
	11/21/2019	(orig)	<1.0	<1.0	<1.0	<1.5	120	879	-	-	-	-

Notes:

* = Field parameter
- = Not Analyzed
= Total dissolved solids
Oxidation-reduction potential
exico Water Quality Control Commission
_ = micrograms per liter

mg/L = milligrams per liter
uS/cm = micro siemens per centimeter
s.u. = standard units
< 0.001 = Below Laboratory Detection Limit of 0.001 mg/L
BOLD = Concentrations that exceed the NMWQCC groundwater quality standard

Appendices

Appendix A
Laboratory Analytical Reports

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

May 28, 2019

Christine Mathews
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: Bell Lake OrderNo.: 1905539

Dear Christine Mathews:

Hall Environmental Analysis Laboratory received 12 sample(s) on 5/10/2019 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 qualifiers 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 #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905539
Project: Bell Lake

Lab ID: 1905539-001 **Collection Date:** 5/7/2019 11:45:00 AM
Client Sample ID: gw-086232-050719-PL-MW-17 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	560	50	*	mg/L	100	5/15/2019 1:23:24 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1400	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 12:43:32 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 12:43:32 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 12:43:32 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 12:43:32 AM	SL5993
Surr: 1,2-Dichloroethane-d4	99.4	70-130		%Rec	1	5/17/2019 12:43:32 AM	SL5993
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	5/17/2019 12:43:32 AM	SL5993
Surr: Dibromofluoromethane	88.0	70-130		%Rec	1	5/17/2019 12:43:32 AM	SL5993
Surr: Toluene-d8	97.6	70-130		%Rec	1	5/17/2019 12:43:32 AM	SL5993

Lab ID: 1905539-002 **Collection Date:** 5/7/2019 1:10:00 PM
Client Sample ID: gw-086232-050719-PL-MW-16 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	190	5.0		mg/L	10	5/15/2019 1:36:16 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1190	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 2:11:16 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 2:11:16 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 2:11:16 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 2:11:16 AM	SL5993
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/17/2019 2:11:16 AM	SL5993
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	5/17/2019 2:11:16 AM	SL5993
Surr: Dibromofluoromethane	84.8	70-130		%Rec	1	5/17/2019 2:11:16 AM	SL5993
Surr: Toluene-d8	96.8	70-130		%Rec	1	5/17/2019 2:11:16 AM	SL5993

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905539
Project: Bell Lake

Lab ID: 1905539-003 **Collection Date:** 5/7/2019 2:15:00 PM
Client Sample ID: gw-086232-050719-PL-MW-13 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	1400	50	*	mg/L	100	5/15/2019 2:14:51 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3310	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 2:40:55 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 2:40:55 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 2:40:55 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 2:40:55 AM	SL5993
Surr: 1,2-Dichloroethane-d4	97.8	70-130		%Rec	1	5/17/2019 2:40:55 AM	SL5993
Surr: 4-Bromofluorobenzene	98.6	70-130		%Rec	1	5/17/2019 2:40:55 AM	SL5993
Surr: Dibromofluoromethane	84.3	70-130		%Rec	1	5/17/2019 2:40:55 AM	SL5993
Surr: Toluene-d8	101	70-130		%Rec	1	5/17/2019 2:40:55 AM	SL5993

Lab ID: 1905539-004 **Collection Date:** 5/7/2019 3:10:00 PM
Client Sample ID: gw-086232-050719-PL-MW-18 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	5.4	5.0		mg/L	10	5/15/2019 2:53:27 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	298	40.0	D	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 3:09:57 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 3:09:57 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 3:09:57 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 3:09:57 AM	SL5993
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	5/17/2019 3:09:57 AM	SL5993
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	1	5/17/2019 3:09:57 AM	SL5993
Surr: Dibromofluoromethane	92.4	70-130		%Rec	1	5/17/2019 3:09:57 AM	SL5993
Surr: Toluene-d8	97.3	70-130		%Rec	1	5/17/2019 3:09:57 AM	SL5993

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905539
Project: Bell Lake

Lab ID: 1905539-005 **Collection Date:** 5/8/2019 10:30:00 AM
Client Sample ID: gw-086232-050719-PL-MW-12 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2400	100	*	mg/L	200	5/17/2019 9:24:38 PM	A59981
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	4500	40.0	*D	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 3:39:27 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 3:39:27 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 3:39:27 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 3:39:27 AM	SL5993
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	5/17/2019 3:39:27 AM	SL5993
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	5/17/2019 3:39:27 AM	SL5993
Surr: Dibromofluoromethane	91.8	70-130		%Rec	1	5/17/2019 3:39:27 AM	SL5993
Surr: Toluene-d8	95.8	70-130		%Rec	1	5/17/2019 3:39:27 AM	SL5993

Lab ID: 1905539-006 **Collection Date:** 5/8/2019 11:25:00 AM
Client Sample ID: gw-086232-050719-PL-MW-15 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	1300	50	*	mg/L	100	5/15/2019 3:57:44 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3020	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 4:09:10 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 4:09:10 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 4:09:10 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 4:09:10 AM	SL5993
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	5/17/2019 4:09:10 AM	SL5993
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	5/17/2019 4:09:10 AM	SL5993
Surr: Dibromofluoromethane	89.7	70-130		%Rec	1	5/17/2019 4:09:10 AM	SL5993
Surr: Toluene-d8	100	70-130		%Rec	1	5/17/2019 4:09:10 AM	SL5993

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905539
Project: Bell Lake

Lab ID: 1905539-007 **Collection Date:** 5/8/2019 12:45:00 PM
Client Sample ID: gw-086232-050819-PL-MW-14 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	130	5.0		mg/L	10	5/15/2019 4:10:37 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1660	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 4:38:37 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 4:38:37 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 4:38:37 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 4:38:37 AM	SL5993
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	5/17/2019 4:38:37 AM	SL5993
Surr: 4-Bromofluorobenzene	93.7	70-130		%Rec	1	5/17/2019 4:38:37 AM	SL5993
Surr: Dibromofluoromethane	86.6	70-130		%Rec	1	5/17/2019 4:38:37 AM	SL5993
Surr: Toluene-d8	98.7	70-130		%Rec	1	5/17/2019 4:38:37 AM	SL5993

Lab ID: 1905539-008 **Collection Date:** 5/8/2019 1:50:00 PM
Client Sample ID: gw-086232-050819-PL-MW-10 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	3700	100	*	mg/L	200	5/17/2019 9:37:31 PM	A59981
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	6120	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	12	1.0		µg/L	1	5/17/2019 5:07:40 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 5:07:40 AM	SL5993
Ethylbenzene	1.8	1.0		µg/L	1	5/17/2019 5:07:40 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 5:07:40 AM	SL5993
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	5/17/2019 5:07:40 AM	SL5993
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	5/17/2019 5:07:40 AM	SL5993
Surr: Dibromofluoromethane	90.1	70-130		%Rec	1	5/17/2019 5:07:40 AM	SL5993
Surr: Toluene-d8	96.7	70-130		%Rec	1	5/17/2019 5:07:40 AM	SL5993

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905539
Project: Bell Lake

Lab ID: 1905539-009 **Collection Date:** 5/8/2019 2:27:00 PM
Client Sample ID: gw-086232-050819-PL-MW-19 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	66	5.0		mg/L	10	5/15/2019 5:27:48 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	384	40.0	D	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 5:37:21 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 5:37:21 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 5:37:21 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 5:37:21 AM	SL5993
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	5/17/2019 5:37:21 AM	SL5993
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	5/17/2019 5:37:21 AM	SL5993
Surr: Dibromofluoromethane	88.9	70-130		%Rec	1	5/17/2019 5:37:21 AM	SL5993
Surr: Toluene-d8	101	70-130		%Rec	1	5/17/2019 5:37:21 AM	SL5993

Lab ID: 1905539-010 **Collection Date:** 5/8/2019 3:50:00 PM
Client Sample ID: gw-086232-050819-PL-MW-9 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	3200	100	*	mg/L	200	5/17/2019 9:50:23 PM	A59981
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	5740	100	*D	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	150	2.0		µg/L	2	5/17/2019 6:06:43 AM	SL5993
Toluene	6.9	2.0		µg/L	2	5/17/2019 6:06:43 AM	SL5993
Ethylbenzene	13	2.0		µg/L	2	5/17/2019 6:06:43 AM	SL5993
Xylenes, Total	240	3.0		µg/L	2	5/17/2019 6:06:43 AM	SL5993
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	2	5/17/2019 6:06:43 AM	SL5993
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	2	5/17/2019 6:06:43 AM	SL5993
Surr: Dibromofluoromethane	89.8	70-130		%Rec	2	5/17/2019 6:06:43 AM	SL5993
Surr: Toluene-d8	94.6	70-130		%Rec	2	5/17/2019 6:06:43 AM	SL5993

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905539
Project: Bell Lake

Lab ID: 1905539-011 **Collection Date:** 5/8/2019 3:45:00 PM
Client Sample ID: gw-086232-050819-JP-Well **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	120	5.0		mg/L	10	5/15/2019 6:19:15 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	867	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 7:05:30 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 7:05:30 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 7:05:30 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 7:05:30 AM	SL5993
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/17/2019 7:05:30 AM	SL5993
Surr: 4-Bromofluorobenzene	99.2	70-130		%Rec	1	5/17/2019 7:05:30 AM	SL5993
Surr: Dibromofluoromethane	91.1	70-130		%Rec	1	5/17/2019 7:05:30 AM	SL5993
Surr: Toluene-d8	97.5	70-130		%Rec	1	5/17/2019 7:05:30 AM	SL5993

Lab ID: 1905539-012 **Collection Date:** 5/8/2019
Client Sample ID: gw-086232-050819-JP-Dup **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	120	5.0		mg/L	10	5/15/2019 6:44:57 PM	R59916
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	889	20.0	*	mg/L	1	5/15/2019 7:46:00 PM	44911
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	5/17/2019 7:35:14 AM	SL5993
Toluene	ND	1.0		µg/L	1	5/17/2019 7:35:14 AM	SL5993
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 7:35:14 AM	SL5993
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 7:35:14 AM	SL5993
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/17/2019 7:35:14 AM	SL5993
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	5/17/2019 7:35:14 AM	SL5993
Surr: Dibromofluoromethane	88.3	70-130		%Rec	1	5/17/2019 7:35:14 AM	SL5993
Surr: Toluene-d8	98.0	70-130		%Rec	1	5/17/2019 7:35:14 AM	SL5993

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905539**

28-May-19

Client: GHD

Project: Bell Lake

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R59916**	RunNo: **59916**
Prep Date:	Analysis Date: **5/15/2019**	SeqNo: **2022054** 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: **R59916**	RunNo: **59916**
Prep Date:	Analysis Date: **5/15/2019**	SeqNo: **2022055** 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	95.5	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **A59981**	RunNo: **59981**
Prep Date:	Analysis Date: **5/17/2019**	SeqNo: **2024389** 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: **A59981**	RunNo: **59981**
Prep Date:	Analysis Date: **5/17/2019**	SeqNo: **2024390** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.9	0.50	5.000	0	98.5	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905539**

28-May-19

Client: GHD

Project: Bell Lake

Sample ID: **rb1**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **SL59938**	RunNo: **59938**
Prep Date:	Analysis Date: **5/17/2019**	SeqNo: **2022958** 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	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.4	70	130			
Surr: Dibromofluoromethane	9.0		10.00		89.8	70	130			
Surr: Toluene-d8	10		10.00		99.5	70	130			

Sample ID: **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **SL59938**	RunNo: **59938**
Prep Date:	Analysis Date: **5/16/2019**	SeqNo: **2022959** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	105	70	130			
Toluene	19	1.0	20.00	0	94.8	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		99.5	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.5	70	130			
Surr: Dibromofluoromethane	8.5		10.00		85.0	70	130			
Surr: Toluene-d8	9.9		10.00		98.6	70	130			

Sample ID: **1905539-001a ms2**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **gw-086232-050719-P**	Batch ID: **SL59938**	RunNo: **59938**
Prep Date:	Analysis Date: **5/17/2019**	SeqNo: **2022961** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	112	70	130			
Toluene	20	1.0	20.00	0	99.0	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	8.9		10.00		89.3	70	130			
Surr: Dibromofluoromethane	9.0		10.00		90.3	70	130			
Surr: Toluene-d8	9.9		10.00		99.5	70	130			

Sample ID: **1905539-001a msd2**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **gw-086232-050719-P**	Batch ID: **SL59938**	RunNo: **59938**
Prep Date:	Analysis Date: **5/17/2019**	SeqNo: **2022962** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	108	70	130	3.94	20	
Toluene	19	1.0	20.00	0	95.9	70	130	3.20	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1905539**
28-May-19

Client: GHD
Project: Bell Lake

Sample ID: **1905539-001a msd2** SampType: **MSD** TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **gw-086232-050719-P** Batch ID: **SL59938** RunNo: **59938**
Prep Date: Analysis Date: **5/17/2019** SeqNo: **2022962** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		104	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.5		10.00		95.0	70	130	0	0	
Surr: Dibromofluoromethane	8.9		10.00		89.1	70	130	0	0	
Surr: Toluene-d8	10		10.00		100	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905539**

28-May-19

Client: GHD

Project: Bell Lake

Sample ID: **MB-44911**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **44911**	RunNo: **59903**
Prep Date: **5/14/2019**	Analysis Date: **5/15/2019**	SeqNo: **2021044** 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-44911**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **44911**	RunNo: **59903**
Prep Date: **5/14/2019**	Analysis Date: **5/15/2019**	SeqNo: **2021045** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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: **GHD** Work Order Number: **1905539** RcptNo: **1**

Received By: **Erin Melendrez** **5/10/2019 8:50:00 AM**

Completed By: **Isaiah Ortiz** **5/10/2019 11:07:35 AM**

Reviewed By: YG 5/13/19

Labeled by JJC 5-13-19

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☑ MJ 05/28
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. 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: JJC 5-13-19

Special Handling (if applicable)

15. 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: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good	Yes			

Chain-of-Custody Record

Client: GHD

Mailing Address: 6121 Indian School Rd NE Suite 200 Albuquerque, NM 87110

Phone #: 505-884 0672

email or Fax#: christine.mathews@ghd.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Bell Lake

Project #: 086232

Project Manager: christine Mathews

Sampler:

On Ice: ☑ Yes ☐ No

# of Coolers: 1 (CF=-0.1)

Cooler Temp(including CF): 1.6 °C

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 Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)		Chlorides/EPA 300	TDS 2540	BTEX 8260		
5-7-19	1145	GW	gw-086232-050719-PL-MW-17	1	ICE	1905539-001												X	X	X		
5-7-19	1310		gw-086232-050719-PL-MW-16			-002												X	X	X		
5-7-19	1415		gw-086232-050719-PL-MW-13			-003												X	X	X		
5-7-19	1510		gw-086232-050719-PL-MW-18			-004												X	X	X		
5-8-19	1030		gw-086232-050719-PL-MW-12			-005												X	X	X		
5-8-19	1125		gw-086232-050719-PL-MW-15			-006												X	X	X		
5-8-19	1245		gw-086232-050819-PL-MW-14			-007												X	X	X		
5-8-19	1350		gw-086232-050819-PL-MW-10			-008												X	X	X		
5-8-19	1427		gw-086232-050819-PL-MW-19			-009												X	X	X		
5-8-19	1550		gw-086232-050819-PL-MW-9			-010												X	X	X		
5-8-19	1545		gw-086232-050819-JP-well			-011												X	X	X		
5-8-19	—		gw-086232-050819-JP-Dup			-012												X	X	X		

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5-8-19	2000				5/9/19	0900
5/9/19	1900			Courier	5/10/19	0850

Remarks: There will be more samples with this project. Please send report on one ^ all samples included.

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

May 22, 2019

Christine Mathews
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: Bell Lake OrderNo.: 1905615

Dear Christine Mathews:

Hall Environmental Analysis Laboratory received 7 sample(s) on 5/11/2019 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 qualifiers 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 #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order: **1905615**
Date Reported: **5/22/2019**

CLIENT: GHD
Project: Bell Lake
Lab Order: 1905615

Lab ID: 1905615-001
Collection Date: 5/9/2019 9:20:00 AM
Client Sample ID: gw-086232-050919-JP-MW-21
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	5.0		mg/L	10	5/15/2019 4:15:17 PM	R5991C
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	290	20.0		mg/L	1	5/16/2019 7:12:00 PM	44959
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/17/2019 11:27:00 PM	R5996S
Toluene	ND	1.0		µg/L	1	5/17/2019 11:27:00 PM	R5996S
Ethylbenzene	ND	1.0		µg/L	1	5/17/2019 11:27:00 PM	R5996S
Xylenes, Total	ND	1.5		µg/L	1	5/17/2019 11:27:00 PM	R5996S
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/17/2019 11:27:00 PM	R5996S
Surr: 4-Bromofluorobenzene	95.1	70-130		%Rec	1	5/17/2019 11:27:00 PM	R5996S
Surr: Dibromofluoromethane	104	70-130		%Rec	1	5/17/2019 11:27:00 PM	R5996S
Surr: Toluene-d8	94.0	70-130		%Rec	1	5/17/2019 11:27:00 PM	R5996S

Lab ID: 1905615-002
Collection Date: 5/9/2019 10:10:00 AM
Client Sample ID: gw-086232-050919-PL-MW-6
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1400	50	*	mg/L	100	5/15/2019 4:53:52 PM	R5991C
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	2980	20.0	*	mg/L	1	5/16/2019 7:12:00 PM	44959
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	6.7	1.0		µg/L	1	5/18/2019 12:38:00 AM	R5996S
Toluene	6.6	1.0		µg/L	1	5/18/2019 12:38:00 AM	R5996S
Ethylbenzene	ND	1.0		µg/L	1	5/18/2019 12:38:00 AM	R5996S
Xylenes, Total	4.0	1.5		µg/L	1	5/18/2019 12:38:00 AM	R5996S
Surr: 1,2-Dichloroethane-d4	99.9	70-130		%Rec	1	5/18/2019 12:38:00 AM	R5996S
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	5/18/2019 12:38:00 AM	R5996S
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/18/2019 12:38:00 AM	R5996S
Surr: Toluene-d8	93.8	70-130		%Rec	1	5/18/2019 12:38:00 AM	R5996S

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
D	Sample Diluted Due to Matrix
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 Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905615
Project: Bell Lake

Lab ID: 1905615-003 **Collection Date:** 5/9/2019 10:55:00 AM
Client Sample ID: gw-086232-050919-PL-MW-20R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	310	50	*	mg/L	100	5/15/2019 5:19:35 PM	R59910
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1030	20.0	*	mg/L	1	5/16/2019 7:12:00 PM	44959
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/18/2019 1:02:00 AM	R59969
Toluene	ND	1.0		µg/L	1	5/18/2019 1:02:00 AM	R59969
Ethylbenzene	ND	1.0		µg/L	1	5/18/2019 1:02:00 AM	R59969
Xylenes, Total	ND	1.5		µg/L	1	5/18/2019 1:02:00 AM	R59969
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	5/18/2019 1:02:00 AM	R59969
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	5/18/2019 1:02:00 AM	R59969
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/18/2019 1:02:00 AM	R59969
Surr: Toluene-d8	95.3	70-130		%Rec	1	5/18/2019 1:02:00 AM	R59969

Lab ID: 1905615-004 **Collection Date:** 5/9/2019 12:00:00 PM
Client Sample ID: gw-086232-050919-PL-MW-2 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	190	5.0		mg/L	10	5/15/2019 5:58:10 PM	R59910
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	654	20.0	*	mg/L	1	5/16/2019 7:12:00 PM	44959
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	1.9	1.0		µg/L	1	5/18/2019 1:26:00 AM	R59969
Toluene	ND	1.0		µg/L	1	5/18/2019 1:26:00 AM	R59969
Ethylbenzene	ND	1.0		µg/L	1	5/18/2019 1:26:00 AM	R59969
Xylenes, Total	ND	1.5		µg/L	1	5/18/2019 1:26:00 AM	R59969
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/18/2019 1:26:00 AM	R59969
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	5/18/2019 1:26:00 AM	R59969
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/18/2019 1:26:00 AM	R59969
Surr: Toluene-d8	95.0	70-130		%Rec	1	5/18/2019 1:26:00 AM	R59969

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1905615
Project: Bell Lake

Lab ID: 1905615-005 **Collection Date:** 5/9/2019 1:00:00 PM
Client Sample ID: gw-086232-050919-PL-SVE-3 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	400	50	*	mg/L	100	5/15/2019 6:36:44 PM	R5991C
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1180	20.0	*	mg/L	1	5/16/2019 7:12:00 PM	44959
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	4.7	1.0		µg/L	1	5/18/2019 1:50:00 AM	R5996S
Toluene	ND	1.0		µg/L	1	5/18/2019 1:50:00 AM	R5996S
Ethylbenzene	ND	1.0		µg/L	1	5/18/2019 1:50:00 AM	R5996S
Xylenes, Total	ND	1.5		µg/L	1	5/18/2019 1:50:00 AM	R5996S
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	5/18/2019 1:50:00 AM	R5996S
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	5/18/2019 1:50:00 AM	R5996S
Surr: Dibromofluoromethane	104	70-130		%Rec	1	5/18/2019 1:50:00 AM	R5996S
Surr: Toluene-d8	94.1	70-130		%Rec	1	5/18/2019 1:50:00 AM	R5996S

Lab ID: 1905615-006 **Collection Date:** 5/9/2019 4:55:00 PM
Client Sample ID: gw-086232-050919-PL-SVE-5 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **smb**	
Chloride	2500	100	*	mg/L	200	5/16/2019 12:17:38 PM	R5996C
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	8180	100	*D	mg/L	1	5/16/2019 7:12:00 PM	44959
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	4.8	1.0	P	µg/L	1	5/18/2019 2:14:00 AM	R5996S
Toluene	12	1.0	P	µg/L	1	5/18/2019 2:14:00 AM	R5996S
Ethylbenzene	ND	1.0	P	µg/L	1	5/18/2019 2:14:00 AM	R5996S
Xylenes, Total	8.2	1.5	P	µg/L	1	5/18/2019 2:14:00 AM	R5996S
Surr: 1,2-Dichloroethane-d4	100	70-130	P	%Rec	1	5/18/2019 2:14:00 AM	R5996S
Surr: 4-Bromofluorobenzene	106	70-130	P	%Rec	1	5/18/2019 2:14:00 AM	R5996S
Surr: Dibromofluoromethane	101	70-130	P	%Rec	1	5/18/2019 2:14:00 AM	R5996S
Surr: Toluene-d8	94.0	70-130	P	%Rec	1	5/18/2019 2:14:00 AM	R5996S

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
D	Sample Diluted Due to Matrix
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 Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake
Lab Order: 1905615

Lab ID: 1905615-007
Collection Date: 5/9/2019 6:09:00 PM
Client Sample ID: gw-086232-050919-PL-SVE-6
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	750	50	*	mg/L	100	5/15/2019 7:28:10 PM	R5991C
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3680	40.0	*D	mg/L	1	5/16/2019 7:12:00 PM	44959
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	41	1.0		µg/L	1	5/18/2019 2:37:00 AM	R5996S
Toluene	63	1.0		µg/L	1	5/18/2019 2:37:00 AM	R5996S
Ethylbenzene	1.0	1.0		µg/L	1	5/18/2019 2:37:00 AM	R5996S
Xylenes, Total	21	1.5		µg/L	1	5/18/2019 2:37:00 AM	R5996S
Surr: 1,2-Dichloroethane-d4	98.8	70-130		%Rec	1	5/18/2019 2:37:00 AM	R5996S
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	5/18/2019 2:37:00 AM	R5996S
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/18/2019 2:37:00 AM	R5996S
Surr: Toluene-d8	93.7	70-130		%Rec	1	5/18/2019 2:37:00 AM	R5996S

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905615**

22-May-19

Client: GHD

Project: Bell Lake

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R59910**	RunNo: **59910**
Prep Date:	Analysis Date: **5/15/2019**	SeqNo: **2021816** 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: **R59910**	RunNo: **59910**
Prep Date:	Analysis Date: **5/15/2019**	SeqNo: **2021817** 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	96.7	90	110			

Sample ID: **MB**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R59960**	RunNo: **59960**
Prep Date:	Analysis Date: **5/16/2019**	SeqNo: **2023763** 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: **R59960**	RunNo: **59960**
Prep Date:	Analysis Date: **5/16/2019**	SeqNo: **2023764** 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	96.8	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905615**

22-May-19

Client: GHD

Project: Bell Lake

Sample ID: **1905615-001ams** SampType: **MS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **gw-086232-050919-J** Batch ID: **R59969** RunNo: **59969**

Prep Date: Analysis Date: **5/17/2019** SeqNo: **2025310** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0.1860	98.4	70	130			
Toluene	19	1.0	20.00	0	93.1	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		93.5	70	130			
Surr: Dibromofluoromethane	9.9		10.00		99.2	70	130			
Surr: Toluene-d8	9.6		10.00		96.3	70	130			

Sample ID: **1905615-001amsd** SampType: **MSD** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **gw-086232-050919-J** Batch ID: **R59969** RunNo: **59969**

Prep Date: Analysis Date: **5/18/2019** SeqNo: **2025311** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0.1860	97.0	70	130	1.46	20	
Toluene	18	1.0	20.00	0	91.4	70	130	1.89	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.9		10.00		99.1	70	130	0	0	
Surr: Dibromofluoromethane	10		10.00		104	70	130	0	0	
Surr: Toluene-d8	9.7		10.00		97.2	70	130	0	0	

Sample ID: **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **LCSW** Batch ID: **R59969** RunNo: **59969**

Prep Date: Analysis Date: **5/17/2019** SeqNo: **2025318** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	20	1.0	20.00	0	99.6	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.6		10.00		96.4	70	130			

Sample ID: **rb** SampType: **MBLK** TestCode: **EPA Method 8260: Volatiles Short List**

Client ID: **PBW** Batch ID: **R59969** RunNo: **59969**

Prep Date: Analysis Date: **5/17/2019** SeqNo: **2025319** 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	1.5								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1905615**
22-May-19

Client: GHD
Project: Bell Lake

Sample ID: **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **R59969**	RunNo: **59969**
Prep Date:	Analysis Date: **5/17/2019**	SeqNo: **2025319** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		99.1	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	9.5		10.00		94.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905615**

22-May-19

Client: GHD

Project: Bell Lake

Sample ID: **MB-44959**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **44959**	RunNo: **59945**
Prep Date: **5/15/2019**	Analysis Date: **5/16/2019**	SeqNo: **2022629** 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-44959**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **44959**	RunNo: **59945**
Prep Date: **5/15/2019**	Analysis Date: **5/16/2019**	SeqNo: **2022630** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

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: **GHD** Work Order Number: **1905615** RcptNo: 1

Received By: **Thom Maybee** **5/11/2019 9:30:00 AM**

Completed By: **Erin Melendrez** **5/13/2019 8:53:57 AM**

Reviewed By: ELM 5/13/19

LB: JJC 5-13-19

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. 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: JJC 5-13-19

Special Handling (if applicable)

15. 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:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.7	Good	Not Present			

Chain-of-Custody Record

Client: GHD

Mailing Address: 6121 Indian School Rd NE Suite 200 Albuquerque NM 87110

Phone #: 505 884 0672

email or Fax#: christine.mathews@ghd.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: Bell Lake

Project #: 086232

Project Manager: christine Mathews

Sampler: Joshua Pigg

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): 1.7 °C

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 Name	Container Type and #	Preservative Type	HEAL No. 1905615
5-9-19	0920	gw	gw-086232-050919-JP-MW-2	VOA 100mL Plastic bottles	ICE	-001
↓	1010	gw	gw-086323-050919-PL-MW-6	↓	↓	-002
	1055	gw	gw-086232-050919-PL-MW-2DR			-003
	1200	gw	gw-086232-050919-PL-MW-2			-004
	1300	gw	gw-086232-050919-PL-SVE-3			-005
	16:55	gw	gw-086232-050919-PL-SVE-5			-006
↓	18:09	gw	gw-086232-050919-PL-SVE-6	↓	↓	-007

Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)		BTEX 8260	Chloride EPA 300	TDS 2540		
											X	X	X		
											X	X	X		
											X	X	X		
											X	X	X		
											X	X	X		
											X	X	X		
											X	X	X		

Date	Time	Relinquished by:	Received by:	Via:	Date	Time
5-10-19	08:00				5/16/19	1200
5/10/19	1940			Courier	5-11-19	9:30

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.

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

December 05, 2019

Christine Mathews
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: Bell Lake OrderNo.: 1911B28

Dear Christine Mathews:

Hall Environmental Analysis Laboratory received 18 sample(s) on 11/23/2019 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 qualifiers 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 #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-001 **Collection Date:** 11/21/2019 1:50:00 PM
Client Sample ID: GW-086232-112119-CN-MW-2 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	150	5.0		mg/L	10	11/26/2019 10:07:51 AM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	581	20.0	*	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	1.4	1.0		µg/L	1	11/25/2019 6:32:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 6:32:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 6:32:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 6:32:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	11/25/2019 6:32:00 PM	SL6473
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	11/25/2019 6:32:00 PM	SL6473
Surr: Dibromofluoromethane	104	70-130		%Rec	1	11/25/2019 6:32:00 PM	SL6473
Surr: Toluene-d8	94.6	70-130		%Rec	1	11/25/2019 6:32:00 PM	SL6473

Lab ID: 1911B28-002 **Collection Date:** 11/21/2019 12:45:00 PM
Client Sample ID: GW-086232-112119-CN-MW-6 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1200	50	*	mg/L	100	11/26/2019 11:09:54 AM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	2990	100	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	7.8	2.0		µg/L	2	11/25/2019 7:20:00 PM	SL6473
Toluene	8.8	2.0		µg/L	2	11/25/2019 7:20:00 PM	SL6473
Ethylbenzene	ND	2.0		µg/L	2	11/25/2019 7:20:00 PM	SL6473
Xylenes, Total	4.1	3.0		µg/L	2	11/25/2019 7:20:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	2	11/25/2019 7:20:00 PM	SL6473
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	2	11/25/2019 7:20:00 PM	SL6473
Surr: Dibromofluoromethane	103	70-130		%Rec	2	11/25/2019 7:20:00 PM	SL6473
Surr: Toluene-d8	94.2	70-130		%Rec	2	11/25/2019 7:20:00 PM	SL6473

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-003 **Collection Date:** 11/21/2019 12:00:00 PM
Client Sample ID: GW-086232-112119-CN-MW-9 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2500	100	*	mg/L	200	12/4/2019 1:19:09 PM	R64928
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	5600	200	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	140	10		µg/L	10	11/25/2019 8:08:00 PM	SL6473
Toluene	ND	10		µg/L	10	11/25/2019 8:08:00 PM	SL6473
Ethylbenzene	14	10		µg/L	10	11/25/2019 8:08:00 PM	SL6473
Xylenes, Total	320	15		µg/L	10	11/25/2019 8:08:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	10	11/25/2019 8:08:00 PM	SL6473
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	10	11/25/2019 8:08:00 PM	SL6473
Surr: Dibromofluoromethane	102	70-130		%Rec	10	11/25/2019 8:08:00 PM	SL6473
Surr: Toluene-d8	98.4	70-130		%Rec	10	11/25/2019 8:08:00 PM	SL6473

Lab ID: 1911B28-004 **Collection Date:** 11/20/2019 1:45:00 PM
Client Sample ID: GW-086232-112019-CN-MW-12 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2000	100	*	mg/L	200	12/4/2019 1:31:34 PM	R64928
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	4170	200	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 8:32:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 8:32:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 8:32:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 8:32:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	11/25/2019 8:32:00 PM	SL6473
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	11/25/2019 8:32:00 PM	SL6473
Surr: Dibromofluoromethane	103	70-130		%Rec	1	11/25/2019 8:32:00 PM	SL6473
Surr: Toluene-d8	94.9	70-130		%Rec	1	11/25/2019 8:32:00 PM	SL6473

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-005 **Collection Date:** 11/20/2019 3:30:00 PM
Client Sample ID: GW-086232-112019-CN-MW-13 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1200	50	*	mg/L	100	11/26/2019 12:49:11 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	3000	40.0	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 8:56:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 8:56:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 8:56:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 8:56:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/25/2019 8:56:00 PM	SL6473
Surr: 4-Bromofluorobenzene	97.2	70-130		%Rec	1	11/25/2019 8:56:00 PM	SL6473
Surr: Dibromofluoromethane	102	70-130		%Rec	1	11/25/2019 8:56:00 PM	SL6473
Surr: Toluene-d8	95.0	70-130		%Rec	1	11/25/2019 8:56:00 PM	SL6473

Lab ID: 1911B28-006 **Collection Date:** 11/20/2019 11:30:00 AM
Client Sample ID: GW-086232-112019-CN-MW-14 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	120	5.0		mg/L	10	11/26/2019 1:01:36 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	1580	20.0	*	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 9:20:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 9:20:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 9:20:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 9:20:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/25/2019 9:20:00 PM	SL6473
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/25/2019 9:20:00 PM	SL6473
Surr: Dibromofluoromethane	103	70-130		%Rec	1	11/25/2019 9:20:00 PM	SL6473
Surr: Toluene-d8	92.4	70-130		%Rec	1	11/25/2019 9:20:00 PM	SL6473

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-007 **Collection Date:** 11/20/2019 12:30:00 PM
Client Sample ID: GW-086232-112019-CN-MW-15 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	1100	50	*	mg/L	100	11/26/2019 1:38:49 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	2720	40.0	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 9:44:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 9:44:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 9:44:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 9:44:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	11/25/2019 9:44:00 PM	SL6473
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	11/25/2019 9:44:00 PM	SL6473
Surr: Dibromofluoromethane	103	70-130		%Rec	1	11/25/2019 9:44:00 PM	SL6473
Surr: Toluene-d8	94.8	70-130		%Rec	1	11/25/2019 9:44:00 PM	SL6473

Lab ID: 1911B28-008 **Collection Date:** 11/20/2019 2:35:00 PM
Client Sample ID: GW-086232-112019-CN-MW-16 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	170	5.0		mg/L	10	11/26/2019 2:16:02 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	1090	20.0	*	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 10:08:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 10:08:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 10:08:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 10:08:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/25/2019 10:08:00 PM	SL6473
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	11/25/2019 10:08:00 PM	SL6473
Surr: Dibromofluoromethane	103	70-130		%Rec	1	11/25/2019 10:08:00 PM	SL6473
Surr: Toluene-d8	92.1	70-130		%Rec	1	11/25/2019 10:08:00 PM	SL6473

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-009 **Collection Date:** 11/20/2019 4:15:00 PM
Client Sample ID: GW-086232-112019-CN-MW-17 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	540	50	*	mg/L	100	11/26/2019 2:53:16 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	1290	20.0	*	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 10:31:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 10:31:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 10:31:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 10:31:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	11/25/2019 10:31:00 PM	SL6473
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	1	11/25/2019 10:31:00 PM	SL6473
Surr: Dibromofluoromethane	99.3	70-130		%Rec	1	11/25/2019 10:31:00 PM	SL6473
Surr: Toluene-d8	94.2	70-130		%Rec	1	11/25/2019 10:31:00 PM	SL6473

Lab ID: 1911B28-010 **Collection Date:** 11/21/2019 8:45:00 AM
Client Sample ID: GW-086232-112119-CN-MW-18 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	5.1	5.0		mg/L	10	11/26/2019 3:05:40 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	297	20.0		mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 10:55:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 10:55:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 10:55:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 10:55:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	11/25/2019 10:55:00 PM	SL6473
Surr: 4-Bromofluorobenzene	96.7	70-130		%Rec	1	11/25/2019 10:55:00 PM	SL6473
Surr: Dibromofluoromethane	104	70-130		%Rec	1	11/25/2019 10:55:00 PM	SL6473
Surr: Toluene-d8	93.9	70-130		%Rec	1	11/25/2019 10:55:00 PM	SL6473

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-011 **Collection Date:** 11/21/2019 10:45:00 AM
Client Sample ID: GW-086232-112119-CN-MW-19 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	69	5.0		mg/L	10	11/26/2019 3:30:29 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	380	20.0		mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 11:19:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 11:19:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 11:19:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 11:19:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	11/25/2019 11:19:00 PM	SL6473
Surr: 4-Bromofluorobenzene	97.4	70-130		%Rec	1	11/25/2019 11:19:00 PM	SL6473
Surr: Dibromofluoromethane	102	70-130		%Rec	1	11/25/2019 11:19:00 PM	SL6473
Surr: Toluene-d8	95.0	70-130		%Rec	1	11/25/2019 11:19:00 PM	SL6473

Lab ID: 1911B28-012 **Collection Date:** 11/21/2019 9:30:00 AM
Client Sample ID: GW-086232-112119-CN-MW-20R **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	270	50	*	mg/L	100	11/26/2019 4:07:43 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	930	20.0	*	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/25/2019 11:43:00 PM	SL6473
Toluene	ND	1.0		µg/L	1	11/25/2019 11:43:00 PM	SL6473
Ethylbenzene	ND	1.0		µg/L	1	11/25/2019 11:43:00 PM	SL6473
Xylenes, Total	ND	1.5		µg/L	1	11/25/2019 11:43:00 PM	SL6473
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	11/25/2019 11:43:00 PM	SL6473
Surr: 4-Bromofluorobenzene	95.6	70-130		%Rec	1	11/25/2019 11:43:00 PM	SL6473
Surr: Dibromofluoromethane	98.0	70-130		%Rec	1	11/25/2019 11:43:00 PM	SL6473
Surr: Toluene-d8	94.4	70-130		%Rec	1	11/25/2019 11:43:00 PM	SL6473

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-013 **Collection Date:** 11/20/2019 5:00:00 PM
Client Sample ID: GW-086232-112019-CN-MW-21 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	ND	5.0		mg/L	10	11/26/2019 4:44:57 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	267	20.0		mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/26/2019 1:43:00 AM	B64738
Toluene	ND	1.0		µg/L	1	11/26/2019 1:43:00 AM	B64738
Ethylbenzene	ND	1.0		µg/L	1	11/26/2019 1:43:00 AM	B64738
Xylenes, Total	ND	1.5		µg/L	1	11/26/2019 1:43:00 AM	B64738
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	11/26/2019 1:43:00 AM	B64738
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	11/26/2019 1:43:00 AM	B64738
Surr: Dibromofluoromethane	97.4	70-130		%Rec	1	11/26/2019 1:43:00 AM	B64738
Surr: Toluene-d8	95.1	70-130		%Rec	1	11/26/2019 1:43:00 AM	B64738

Lab ID: 1911B28-014 **Collection Date:** 11/21/2019 2:40:00 PM
Client Sample ID: GW-086232-112119-CN-SVE-3 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	360	50	*	mg/L	100	11/26/2019 5:22:11 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	1180	20.0	*	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	5.0	1.0		µg/L	1	11/26/2019 2:54:00 AM	B64738
Toluene	ND	1.0		µg/L	1	11/26/2019 2:54:00 AM	B64738
Ethylbenzene	ND	1.0		µg/L	1	11/26/2019 2:54:00 AM	B64738
Xylenes, Total	ND	1.5		µg/L	1	11/26/2019 2:54:00 AM	B64738
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	11/26/2019 2:54:00 AM	B64738
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	11/26/2019 2:54:00 AM	B64738
Surr: Dibromofluoromethane	96.7	70-130		%Rec	1	11/26/2019 2:54:00 AM	B64738
Surr: Toluene-d8	94.5	70-130		%Rec	1	11/26/2019 2:54:00 AM	B64738

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-015 **Collection Date:** 11/21/2019 5:00:00 PM
Client Sample ID: GW-086232-112119-CN-SVE-5 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2900	100	*	mg/L	200	12/3/2019 3:36:33 PM	R64907
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	9270	200	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	300	10	P	µg/L	10	11/26/2019 3:41:00 AM	B64738
Toluene	810	10	P	µg/L	10	11/26/2019 3:41:00 AM	B64738
Ethylbenzene	30	10	P	µg/L	10	11/26/2019 3:41:00 AM	B64738
Xylenes, Total	630	15	P	µg/L	10	11/26/2019 3:41:00 AM	B64738
Surr: 1,2-Dichloroethane-d4	99.6	70-130	P	%Rec	10	11/26/2019 3:41:00 AM	B64738
Surr: 4-Bromofluorobenzene	96.2	70-130	P	%Rec	10	11/26/2019 3:41:00 AM	B64738
Surr: Dibromofluoromethane	94.4	70-130	P	%Rec	10	11/26/2019 3:41:00 AM	B64738
Surr: Toluene-d8	95.0	70-130	P	%Rec	10	11/26/2019 3:41:00 AM	B64738

Lab ID: 1911B28-016 **Collection Date:** 11/21/2019 3:40:00 PM
Client Sample ID: GW-086232-112119-CN-SVE-6 **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	460	50	*	mg/L	100	11/26/2019 6:11:51 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	2670	200	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	32	5.0		µg/L	5	11/26/2019 4:28:00 AM	B64738
Toluene	54	5.0		µg/L	5	11/26/2019 4:28:00 AM	B64738
Ethylbenzene	ND	5.0		µg/L	5	11/26/2019 4:28:00 AM	B64738
Xylenes, Total	18	7.5		µg/L	5	11/26/2019 4:28:00 AM	B64738
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	5	11/26/2019 4:28:00 AM	B64738
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	5	11/26/2019 4:28:00 AM	B64738
Surr: Dibromofluoromethane	98.0	70-130		%Rec	5	11/26/2019 4:28:00 AM	B64738
Surr: Toluene-d8	94.4	70-130		%Rec	5	11/26/2019 4:28:00 AM	B64738

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD **Lab Order:** 1911B28
Project: Bell Lake

Lab ID: 1911B28-017 **Collection Date:** 11/21/2019 3:00:00 PM
Client Sample ID: GW-086232-112119-CN-Tank **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	120	5.0		mg/L	10	11/26/2019 6:24:16 PM	R64813
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	879	20.0	*	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	ND	1.0		µg/L	1	11/26/2019 4:52:00 AM	B64738
Toluene	ND	1.0		µg/L	1	11/26/2019 4:52:00 AM	B64738
Ethylbenzene	ND	1.0		µg/L	1	11/26/2019 4:52:00 AM	B64738
Xylenes, Total	ND	1.5		µg/L	1	11/26/2019 4:52:00 AM	B64738
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	11/26/2019 4:52:00 AM	B64738
Surr: 4-Bromofluorobenzene	97.9	70-130		%Rec	1	11/26/2019 4:52:00 AM	B64738
Surr: Dibromofluoromethane	97.2	70-130		%Rec	1	11/26/2019 4:52:00 AM	B64738
Surr: Toluene-d8	94.3	70-130		%Rec	1	11/26/2019 4:52:00 AM	B64738

Lab ID: 1911B28-018 **Collection Date:** 11/21/2019
Client Sample ID: GW-086232-112119-CN-DUP **Matrix:** AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CAS**	
Chloride	2600	100	*	mg/L	200	12/3/2019 3:48:57 PM	R64907
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **JMT**	
Total Dissolved Solids	5770	200	*D	mg/L	1	11/27/2019 3:59:00 PM	49034
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **CCM**	
Benzene	140	10		µg/L	10	11/26/2019 5:38:00 AM	B64738
Toluene	ND	10		µg/L	10	11/26/2019 5:38:00 AM	B64738
Ethylbenzene	16	10		µg/L	10	11/26/2019 5:38:00 AM	B64738
Xylenes, Total	320	15		µg/L	10	11/26/2019 5:38:00 AM	B64738
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	10	11/26/2019 5:38:00 AM	B64738
Surr: 4-Bromofluorobenzene	99.0	70-130		%Rec	10	11/26/2019 5:38:00 AM	B64738
Surr: Dibromofluoromethane	96.1	70-130		%Rec	10	11/26/2019 5:38:00 AM	B64738
Surr: Toluene-d8	95.8	70-130		%Rec	10	11/26/2019 5:38:00 AM	B64738

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
D	Sample Diluted Due to Matrix	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 Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1911B28**

05-Dec-19

Client: GHD

Project: Bell Lake

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R64813**	RunNo: **64813**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2221606** 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: **R64813**	RunNo: **64813**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2221607** 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	94.9	90	110			

Sample ID: **1911B28-001BMS**	SampType: **ms**	TestCode: **EPA Method 300.0: Anions**
Client ID: **GW-086232-112119-**	Batch ID: **R64813**	RunNo: **64813**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2221609** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	200	5.0	50.00	146.2	97.8	89.9	117			

Sample ID: **1911B28-001BMSD**	SampType: **msd**	TestCode: **EPA Method 300.0: Anions**
Client ID: **GW-086232-112119-**	Batch ID: **R64813**	RunNo: **64813**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2221610** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	200	5.0	50.00	146.2	101	89.9	117			

Sample ID: **1911B28-017BMS**	SampType: **ms**	TestCode: **EPA Method 300.0: Anions**
Client ID: **GW-086232-112119-**	Batch ID: **R64813**	RunNo: **64813**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2221652** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	170	5.0	50.00	116.8	101	89.9	117			

Sample ID: **1911B28-017BMSD**	SampType: **msd**	TestCode: **EPA Method 300.0: Anions**
Client ID: **GW-086232-112119-**	Batch ID: **R64813**	RunNo: **64813**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2221653** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	180	5.0	50.00	116.8	120	89.9	117	5.47	20	S

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1911B28**
05-Dec-19

Client: GHD
Project: Bell Lake

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R64907**	RunNo: **64907**
Prep Date:	Analysis Date: **12/3/2019**	SeqNo: **2225649** 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: **R64907**	RunNo: **64907**
Prep Date:	Analysis Date: **12/3/2019**	SeqNo: **2225650** 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	92.1	90	110			

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R64928**	RunNo: **64928**
Prep Date:	Analysis Date: **12/4/2019**	SeqNo: **2227705** 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: **R64928**	RunNo: **64928**
Prep Date:	Analysis Date: **12/4/2019**	SeqNo: **2227706** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	5.1	0.50	5.000	0	101	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1911B28**

05-Dec-19

Client: GHD

Project: Bell Lake

Sample ID: **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **SL64738**	RunNo: **64738**
Prep Date:	Analysis Date: **11/25/2019**	SeqNo: **2219459** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	19	1.0	20.00	0	94.7	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.7	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	9.6		10.00		95.9	70	130			

Sample ID: **rb2**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **SL64738**	RunNo: **64738**
Prep Date:	Analysis Date: **11/25/2019**	SeqNo: **2219461** 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	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		108	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		96.9	70	130			
Surr: Dibromofluoromethane	11		10.00		106	70	130			
Surr: Toluene-d8	9.5		10.00		94.7	70	130			

Sample ID: **100ng lcs3**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **B64738**	RunNo: **64738**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2219522** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	19	1.0	20.00	0	95.8	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130			
Surr: Dibromofluoromethane	9.6		10.00		96.0	70	130			
Surr: Toluene-d8	9.3		10.00		93.3	70	130			

Sample ID: **rb3**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **B64738**	RunNo: **64738**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2219527** 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								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1911B28**

05-Dec-19

Client: GHD

Project: Bell Lake

Sample ID: **rb3**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **B64738**	RunNo: **64738**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2219527** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Ethylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.2	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.9	70	130			
Surr: Toluene-d8	9.4		10.00		94.4	70	130			

Sample ID: **1911B28-013ams**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **GW-086232-112019-**	Batch ID: **B64738**	RunNo: **64738**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2219531** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	19	1.0	20.00	0	95.2	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.7	70	130			
Surr: Dibromofluoromethane	9.7		10.00		97.1	70	130			
Surr: Toluene-d8	9.3		10.00		93.4	70	130			

Sample ID: **1911B28-013amsd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **GW-086232-112019-**	Batch ID: **B64738**	RunNo: **64738**
Prep Date:	Analysis Date: **11/26/2019**	SeqNo: **2219534** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.6	70	130	7.58	20	
Toluene	18	1.0	20.00	0	88.0	70	130	7.84	20	
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.7		10.00		97.0	70	130	0	0	
Surr: Dibromofluoromethane	9.5		10.00		94.8	70	130	0	0	
Surr: Toluene-d8	9.3		10.00		92.7	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1911B28**

05-Dec-19

Client: GHD

Project: Bell Lake

Sample ID: **MB-49034** SampType: **MBLK** TestCode: **SM2540C MOD: Total Dissolved Solids**

Client ID: **PBW** Batch ID: **49034** RunNo: **64822**

Prep Date: **11/26/2019** Analysis Date: **11/27/2019** SeqNo: **2222131** 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-49034** SampType: **LCS** TestCode: **SM2540C MOD: Total Dissolved Solids**

Client ID: **LCSW** Batch ID: **49034** RunNo: **64822**

Prep Date: **11/26/2019** Analysis Date: **11/27/2019** SeqNo: **2222132** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1000	20.0	1000	0	100	80	120			

Sample ID: **1911B28-008BDUP** SampType: **DUP** TestCode: **SM2540C MOD: Total Dissolved Solids**

Client ID: **GW-086232-112019-** Batch ID: **49034** RunNo: **64822**

Prep Date: **11/26/2019** Analysis Date: **11/27/2019** SeqNo: **2222144** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1110	20.0						1.64	10	*

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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: **GHD** Work Order Number: **1911B28** RcptNo: **1**

Received By: **Yazmine Garduno** **11/23/2019 9:30:00 AM** Yazmine Garduno

Completed By: **Yazmine Garduno** **11/23/2019 12:19:45 PM** Yazmine Garduno

Reviewed By: ENM 11/25/19

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. 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: DM 11/25/19

Special Handling (if applicable)

15. 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: ____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good				
2	1.6	Good				
3	0.8	Good				
4	NA	Good				

Chain-of-Custody Record

Client: GHD

Mailing Address: On File

Phone #: 505 884 0672

email or Fax#: Christine.Mathews@ghd.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 Day
☑ Standard ☐ Rush

Project Name: Bell Lake

Project #: 086232

Project Manager: Christine Mathews

Sampler: CN

On Ice: ☑ Yes ☐ No

# of Coolers: 1

Cooler Temp(including CF): remark (°C)

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 Name	Container Type and #	Preservative Type	HEAL No. 1911828	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	BTEX 8260	Chloride 300	TDS 2540			
11-21-19	1350	WT	GW-086232-112119-CN-MW-2	various	HCl	-001											X	X	X			
11-21-19	1245		GW-086232-112119-CN-MW-6			-002											X	X	X			
11-21-19	1200		GW-086232-112119-CN-MW-9			-003											X	X	X			
11-20-19	1345		GW-086232-112019-CN-MW-12			-004											X	X	X			
11-20-19	1530		GW-086232-112019-CN-MW-13			-005											X	X	X			
11-20-19	~~1130~~ 1130		GW-086232-112019-CN-MW-14			-006											X	X	X			
11-20-19	1230		GW-086232-112019-CN-MW-15			007											X	X	X			
11-20-19	1435		GW-086232-112019-CN-MW-16			-008											X	X	X			
11-20-19	1615		GW-086232-112019-CN-MW-17			-009											X	X	X			
11-21-19	0845		GW-086232-112119-CN-MW-18			-010											X	X	X			
11-21-19	1045		GW-086232-112119-CN-MW-19			-011											X	X	X			
11-21-19	0930	↓	GW-086232-112119-CN-MW-20R	↓	↓	-012											X	X	X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11-22-19	0800	Chad Vlcek	Christy Seed		11/22	0800
11/22	1900	Christy Seed	Lyn Rainer		11/23/19	0930

Remarks:
1.7+0.2 = 1.9
1.4+0.2 = 1.6
0.6+0.2 = 0.8
with cooler
NA air bags

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.

Chain-of-Custody Record

Client: GHD

Mailing Address: On File

Phone #: 505 884 0672

email or Fax#: Christine.Mathews@ghd.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 Day
☑ Standard ☐ Rush

Project Name: Bell Lake

Project #: 086232

Project Manager: Christine Mathews

Sampler: CN

On Ice: ☑ Yes ☐ No

# of Coolers: 4

Cooler Temp(including CF): remarks (°C)

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Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 1911B28	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	BTEX 8260	Chloride 300	TDS 2540			
11-20-19	1700	WT	GW-086232-112019-CN-MW-21	6vol 40ml	HCl	-013											X	X	X			
11-21-19	1440		GW-086232-112119-CN-SVE-3			-014											X	X	X			
11-21-19	1700		GW-086232-112119-CN-SVE-5			-015											X	X	X			
11-21-19	1540		GW-086232-112119-CN-SVE-6			-016											X	X	X			
11-21-19	1500		GW-086232-112119-CN-Tank			-017											X	X	X			
11-21-19	—	↓	GW-086232-112119-CN-DUP	↓	↓	-018											X	X	X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date Time
11-22-19	0800				11/22 0800
11/22	1900			courier	11/23/19 0930

Remarks:
1.7 +0.2 = 1.9
1.4 +0.2 = 1.6
0.6 +0.2 = 0.8
4th cooler
NA air bags

about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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