2017 Annual Groundwater Monitoring Report

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

Transwestern Pipeline Company

GHD | 6121 Indian School Rd NE Suite 200 Albuquerque New Mexico 87110 USA

086232 | Report No 5 | April 2 2018

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1. Introduction

1.1 Introduction

This report discusses field activities performed by GHD Services Inc. in 2017 at the Transwestern Pipeline Company, LLC. (Transwestern) Bell Lake Gas Plant (Site). The compressor station is owned and operated by DCP Midstream; however, the groundwater remediation activities remain with Transwestern. Lands located adjacent to the Site are owned by the New Mexico State Land Office.

The Site is located approximately 21 miles northwest of Jal, in Lea County, New Mexico. Geographical coordinates for the Site are 32°14'55.59" North and 103°31'17.59" West. A Site location map and detail map are included as Figures 1 and 2, respectively.

1.2 Background

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

An SVE system with 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 VOC content in extracted vapor declined from an initial high of 4,000 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.

1.3 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 feet (ft) below ground surface (bgs) in boring MW-3. This clay is likely the basal confining layer for the shallow unconfined aquifer encountered below the subject property.

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

2. Monitoring Well Installation

2.1 Soil Boring and Monitoring Well Installation Activities

Monitoring well installation was initially attempted on the week of January 23, 2017 using air rotary drilling methods but was not completed due to bore hole caving caused by the nature of the sandy soils at the Site. Between February 13 and February 20, 2017, five monitoring wells (MW-17, MW-18, MW-19, MW-20R and MW-21), were drilled and installed. The wells were installed by Enviro-Drill, Inc. of Albuquerque, New Mexico using a CME-75 hollow-stem auger drill rig. The well locations can be referenced on Figure 2.

Prior to well installation, the appropriate permits were obtained from the New Mexico Office of the State Engineer. The soil boring locations were marked and a New Mexico One Call utility locate ticket was completed at least 48-hours prior to mobilization.

Wells were constructed of two-inch diameter flush-threaded schedule 40 polyvinyl chloride (PVC) casing and 0.020-inch slot PVC screen. Wells were completed to the following depths with the noted screen intervals:

- MW-17 – Total depth of 90.5 ft bgs, with 15 ft of screen from 75 to 90 ft bgs
- MW-18 – Total depth of 95.5 ft bgs, with 15 ft of screen from 80 to 95 ft bgs
- MW-19 – Total depth of 95.5 ft bgs, with 15 ft of screen from 80 to 90 ft bgs
- MW-20R – Total depth of 96.5 ft bgs, with 15 ft of screen from 81 to 96 ft bgs
- MW-21 – Total depth of 95.5 ft bgs, with 15 ft of screen from 80 to 95 ft bgs

The annulus of each monitoring well was backfilled with a sand filter pack to approximately two ft above the top of the screen interval. An approximately two-foot thick bentonite seal was placed on top of the sand and hydrated. The remainder of each well annulus was grouted to the ground surface with a 95% Portland cement, 5% bentonite powder grout. Each monitoring well was constructed with a stick-up well completion in a two foot by two foot concrete pad.

Boring logs and well completion diagrams are included as Appendix A.

Additionally, it was requested by DCP Midstream that MW-7 be plugged and abandoned in order for facility upgrades to be made. The plugging and abandonment of MW-7 was approved by the New Mexico Office of the State Engineer and completed in August of 2017.

2.2 Soil Types and Laboratory Analysis

Field screenings were done in ten-foot intervals either by advancing an 18-inch long split-spoon sampler ahead of the augers or by observing drill cuttings to a depth of 70 ft bgs. Soil was logged in general accordance with the Unified Soil Classification System.

The soils encountered in the borings consisted primarily of dry, medium to fine grained sand above a depth of 80 ft bgs. Soils below 80 ft bgs generally consisted of similar sands that become moist.

Soil samples were field screened for hydrocarbons using a calibrated photo-ionization detector and the heated headspace method. Additionally, soil samples from each boring were collected from near the water bearing zone at a depth of approximately 90 to 95 ft bgs. Soil samples for laboratory analysis were placed in laboratory-supplied containers, labeled, and preserved on ice in insulated coolers. Selected soil samples were delivered under chain of custody documentation to Hall Environmental Analysis Laboratory (HEAL) located in Albuquerque, New Mexico for analysis of total petroleum hydrocarbons (TPH) gasoline range organics (GRO), diesel range organics (DRO) and motor oil range organics (MRO) by EPA Method 8015, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021, and chloride by EPA Method 300.1.

Soil samples collected from the new monitoring well soil borings were below laboratory detection limits for all analyzed constituents.

Copies of soil laboratory analytical reports are included as Appendix B.

2.3 Investigation Derived Waste

Soil cuttings from the January drilling activities returned heated headspace field screening results of less than 100 parts per million (ppm) and were thin spread on-Site.

3. Groundwater Monitoring Summary, Methodology, and Analytical Results

3.1 Groundwater Monitoring Summary

Groundwater monitoring events were performed in May and November 2017. Groundwater elevation measurements were recorded from Site monitoring wells using a decontaminated oil/water interface probe. Groundwater elevations for the Site are presented in Table 1.

Groundwater elevations in the monitoring wells ranged from 3543.97 (MW-16) to 3545.83 (SVE-3) ft above mean sea level (amsl) during the May monitoring event and 3543.96 (MW-16) to 3545.90 (SVE-3) ft amsl during the November monitoring event.

Based on the May monitoring data, groundwater flow is towards the southeast and is consistent with historical records. The groundwater gradient was calculated to be 0.0016 foot per foot (ft/ft). A groundwater potentiometric surface map is presented as Figure 3.

Based on the November monitoring data, groundwater flow is towards the southeast and is consistent with historical records. The groundwater gradient was calculated to be 0.0012 ft/ft. A groundwater potentiometric surface map is presented as Figure 4.

Groundwater samples for both events were collected from monitoring wells MW-2, MW-6, , MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20R, MW-21 SVE-3, SVE-5, SVE-6, and the supply well. Additionally a sample was collected from MW-7 and MW-9 during the May 2017 event and a sample was collected from MW-10 during the November 2017 event. .

3.2 Groundwater Monitoring Methodology

Prior to collection of groundwater samples, water was purged from the monitor wells with a low flow bladder pump or hand bailed until field parameters, including pH, temperature, oxidation reduction potential, and conductivity stabilized to within 10% or until three well volumes were removed. Field parameters were collected using a multi parameter groundwater quality meter during both monitoring events. Field data observed from each event were recorded on GHD Well Sampling Field Forms.

Following purging, groundwater samples were collected through dedicated polyethylene tubing attached to the low flow bladder pump or with a dedicated bailer. Following the sampling of a well, the polyethylene pump bladder was removed and disposed and a new bladder was attached. The pump was disassembled and cleaned after each use with an Alconox and de ionized water solution followed by a de ionized water rinse.

Once groundwater was collected from each sampling location, the samples were labeled, placed on ice, and stored for submittal to HEAL for analyses of BTEX by EPA Method 8260, TDS by SM 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 C.

Purge water generated during monitoring events was collected in buckets and subsequently placed in the on-Site evaporation tank.

3.3 Groundwater Monitoring Analytical Results

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

- Benzene: The NMWQCC groundwater standard for benzene is 10 micrograms per liter (µg/L). During the May monitoring event, groundwater samples collected from four wells (SVE-5, SVE-6, MW-6 and MW-9) contained benzene at concentrations exceeding the NMWQCC standard. Concentrations from these wells ranged from 13.0 ug/L to 200 µg/L (Figure 5). During the November monitoring event, groundwater samples collected from three wells (SVE-5, SVE-6, and MW-6) contained benzene at concentrations exceeding the NMWQCC standard with concentrations ranging from 11.0 ug/L to 280 µg/L.
- Toluene: The NMWQCC groundwater standard for toluene is 750 µg/L. During the May groundwater monitoring event, none of the wells sampled contained concentrations that exceeded the NMWQCC standard. During the November monitoring event, groundwater collected from one well (SVE-5) contained toluene at a concentration of 790 µg/L that exceeds the NMWQCC standard.
- Total Xylenes: The NMWQCC groundwater standard for total xylenes is 620 µg/L. During the May monitoring event none of the wells sampled contained concentrations exceeding the NMWQCC standard. During the November monitoring event, the groundwater sample collected

from SVE-5 contained xylenes at a concentration of 650 µg/L that exceeds the NMWQCC standard.

- TDS: The NMWQCC groundwater standard for TDS is 1,000 milligrams per liter (mg/L). During the May monitoring event, groundwater samples collected from 13 of the 17 sampled Site monitoring wells were found to contain TDS at concentrations exceeding the NMWQCC standard Concentrations ranged from 1,120 mg/L to 7,300 mg/L (Figure 5). During the November monitoring event, groundwater samples collected from 10 of the 14 wells sampled for TDS were found to contain TDS at concentrations exceeding the NMWQCC standard. Concentrations ranged from 1,120 mg/L to 10,600 mg/L.
- Chloride: The NMWQCC groundwater standard for chloride is 250 mg/L. During the May monitoring event, groundwater samples collected from 10 of the 17 wells sampled contained chloride at concentrations exceeding the NMWQCC standard. Concentrations ranged from 330 mg/L to 3,100 mg/L (Figure 5). During the November monitoring event, groundwater samples collected from 10 of the 16 wells sampled exceeded the NMWQCC standard. Concentrations ranged from 290 mg/L to 3,400 mg/L.

A summary of historical groundwater laboratory analytical results is presented in Table 2. Results for 2017 monitoring for benzene, TDS, and chloride are also presented on Figure 5. The May 2017 and November 2017 laboratory analytical reports are included as Appendix C.

4. Pumping Test

An electrical submersible pump was utilized to induce drawdown in SVE-9 from November 9, 2017 through November 11, 2017. Flow rates varied from approximately 0.15 gallons per minute (gpm) to approximately 0.26 gpm. Flow rates were adjusted as precisely as possible considering the conditions; however, neither a consistent flow rate nor water level were able to be maintained. Small increases to flow rate yielded rapid decline in the water level. As indicated in Chart 1 (Appendix D), flow rates fluctuated from approximately 0.17 gpm to 0.25 gpm, with a corresponding fluctuation in water level of two to three ft.

After approximately one-half day of pumping at a rate approximately equivalent to 0.2 gpm, the water level had dropped from almost nine ft of water above the pump to around two ft of water above the pump (water levels appeared to be continuing to decline). At this point, instabilities in the flow rate control resulted in sharply increasing and decreasing water levels corresponding to small changes in flow rate. Based on the data presented in Chart 1 (Appendix D), it appears that SVE-9 will not support a flow rate of greater than 0.2 gpm for a continued length of time. Flow rates below 0.2 gpm resulted in short duration recovery. It is uncertain if flow rates below 0.2 gpm would be sustainable over a longer period.

Approximately three days of pumping at a rate between 0.15 gpm and 0.26 gpm did not result in observable drawdown in observations wells SVE-8 and SVE-4. The characteristics of the aquifer do not allow enough water to be mobilized from that distance (at the indicated flow rate) to induce drawdown within a three day timeframe. GHD was not able to induce measurable drawdown in the

observation wells within a reasonable timeframe by increasing the flow rate because the pumping well would rapidly go dry.

Based on these observations, it appears that the aquifer at this location is not suitable to support a sustained pumping rate of 0.2 gpm. Additionally, apparent limited inflow / trasmissivity within the aquifer will most likely not support long-term utilization of a lower flow rate. It is possible that a windmill with a restricted inlet may be able to pump 0.1 gpm. At a rate of approximately 0.1 gpm daily yield would be approximately 144 gallons. It is possible that the formation may not even be able to support this flow rate over an extended period of time. Factoring in any evaporation from the daily rate of 144 gallons and the sustainability of residential or agricultural use diminishes.

5. Conclusions and Recommendations

5.1 Conclusions

Groundwater elevations and analytical results from May and November 2017 groundwater sampling events were consistent with recent historical data trends. Samples collected from most Site monitoring wells exceeded the NMWQCC standard for both chloride and TDS. Benzene was also above the NMWQCC standard in four wells during the May 2017 sampling event and three wells during the November 2017 sampling event.

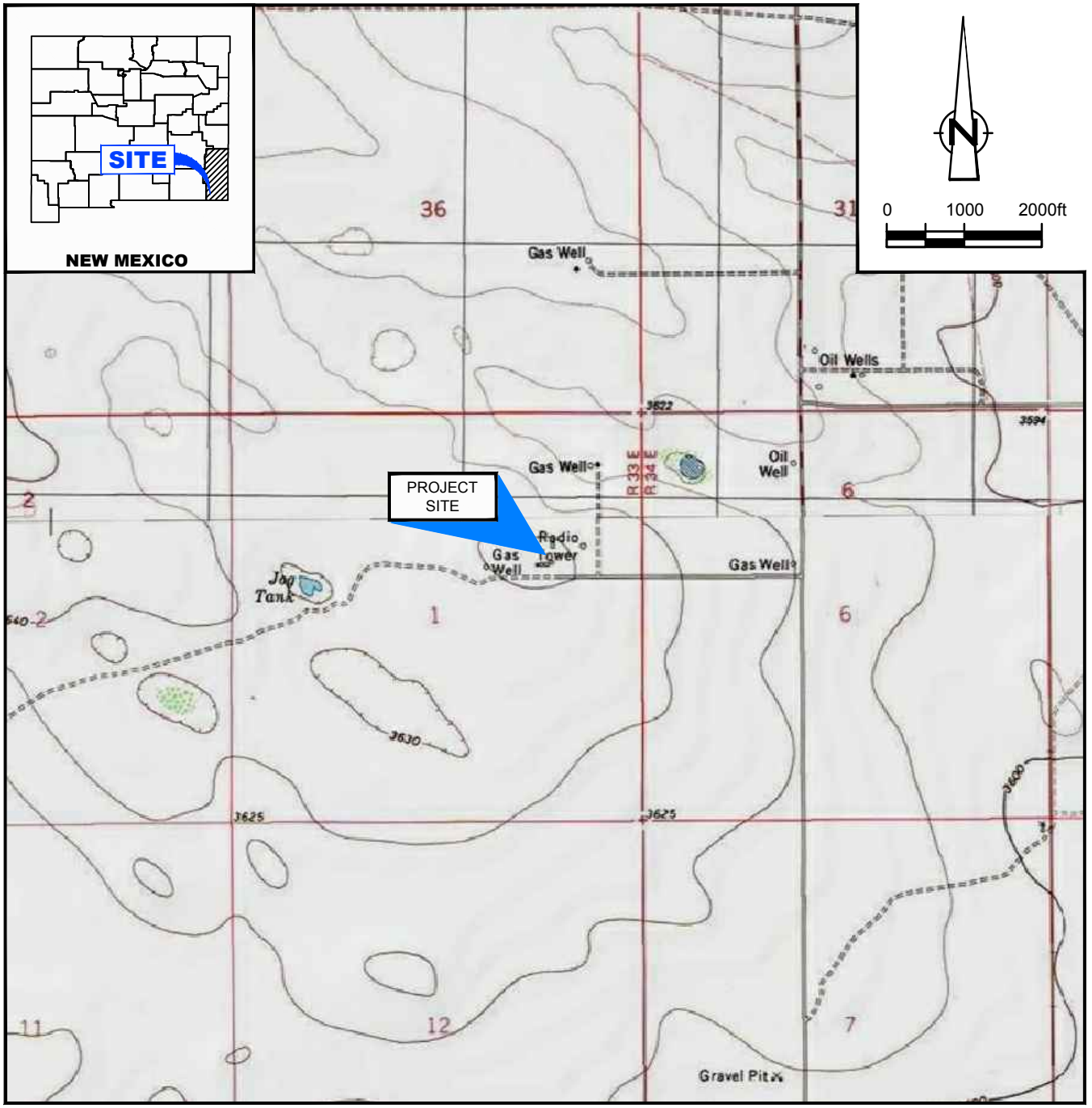
The pumping test performed during November of 2017 indicates that a flow rate of 0.2 gpm or greater is likely not sustainable. It is unknown if a rate of less than 0.2 gpm would be sustainable over a long period of time; however, it seems unlikely. Daily yield from a sustainable flow rate of approximately 0.1 gpm would be approximately 144 gallons which likely wouldn't sustain any substantial commercial or agricultural needs.

5.2 Recommendations

The language under Section 20.6.2.3101 of the New Mexico Administrative Code (NMAC) reads as follows: "The purpose of Sections 20.6.2.3000 through 20.6.2.3114 NMAC controlling discharges onto or below the surface of the ground is to protect all ground water of the state of New Mexico which has an existing concentration of 10,000 mg/l or less TDS, for present and potential future use as domestic and agricultural water supply,…" Based on the pump test data, it does not appear that the aquifer underlying the site is sufficient to sustain use as a domestic or agricultural water supply.

The relative lack of water at the site makes conventional forms of remediation (pump and treat, air sparging, dual phase extraction, etc.) ineffective. Because of this, GHD recommends investigating the possibility of having the aquifer under the Site deemed exempt from protection under 20.6.2.3101 NMAC. This is based on the aquifer's lack of present or potential use as a domestic or agricultural water supply due to the minimal amount of water present.

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

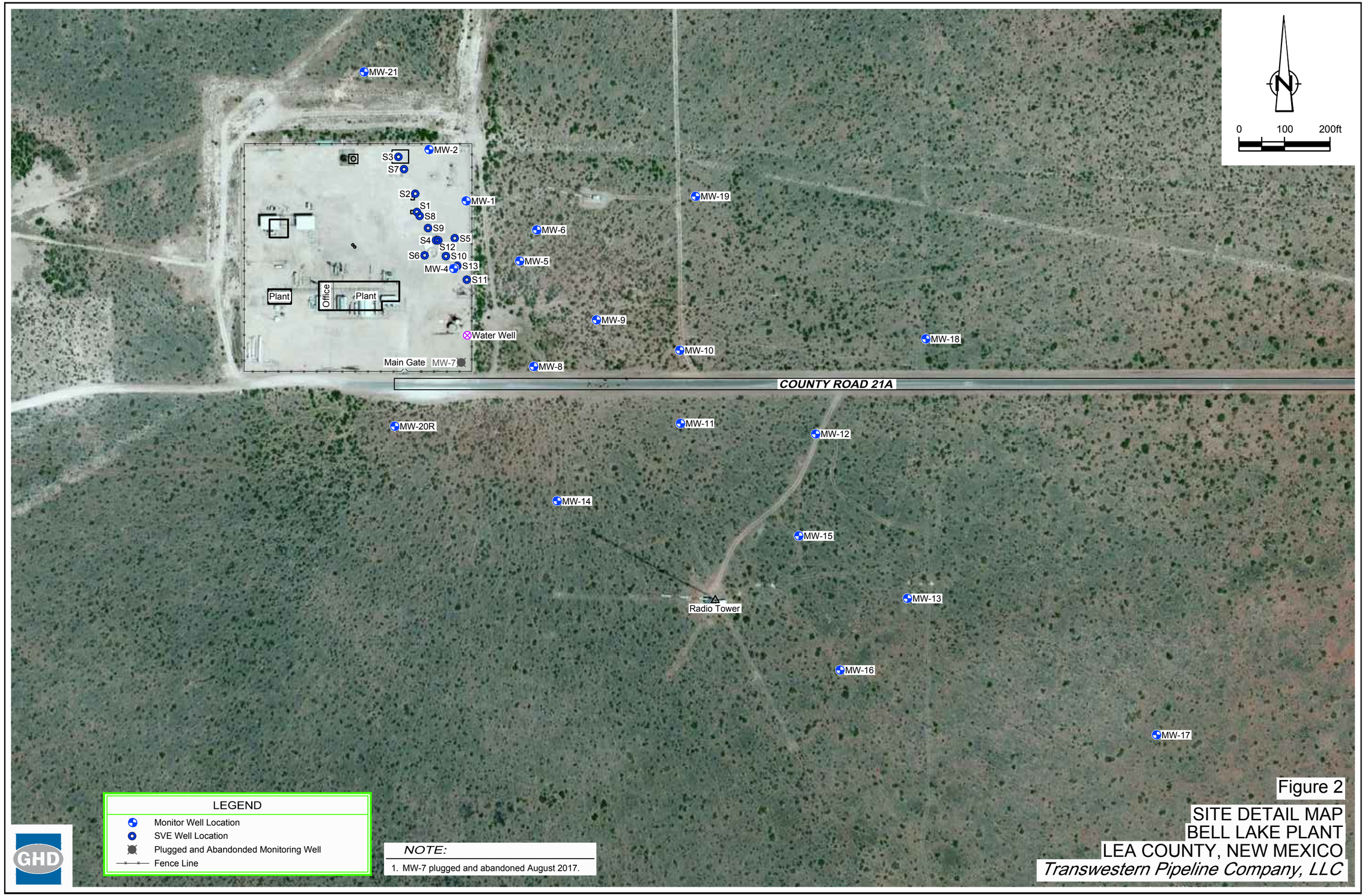


Figure 2

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

086232-00(005)GN-DL001 MAR 28, 2018

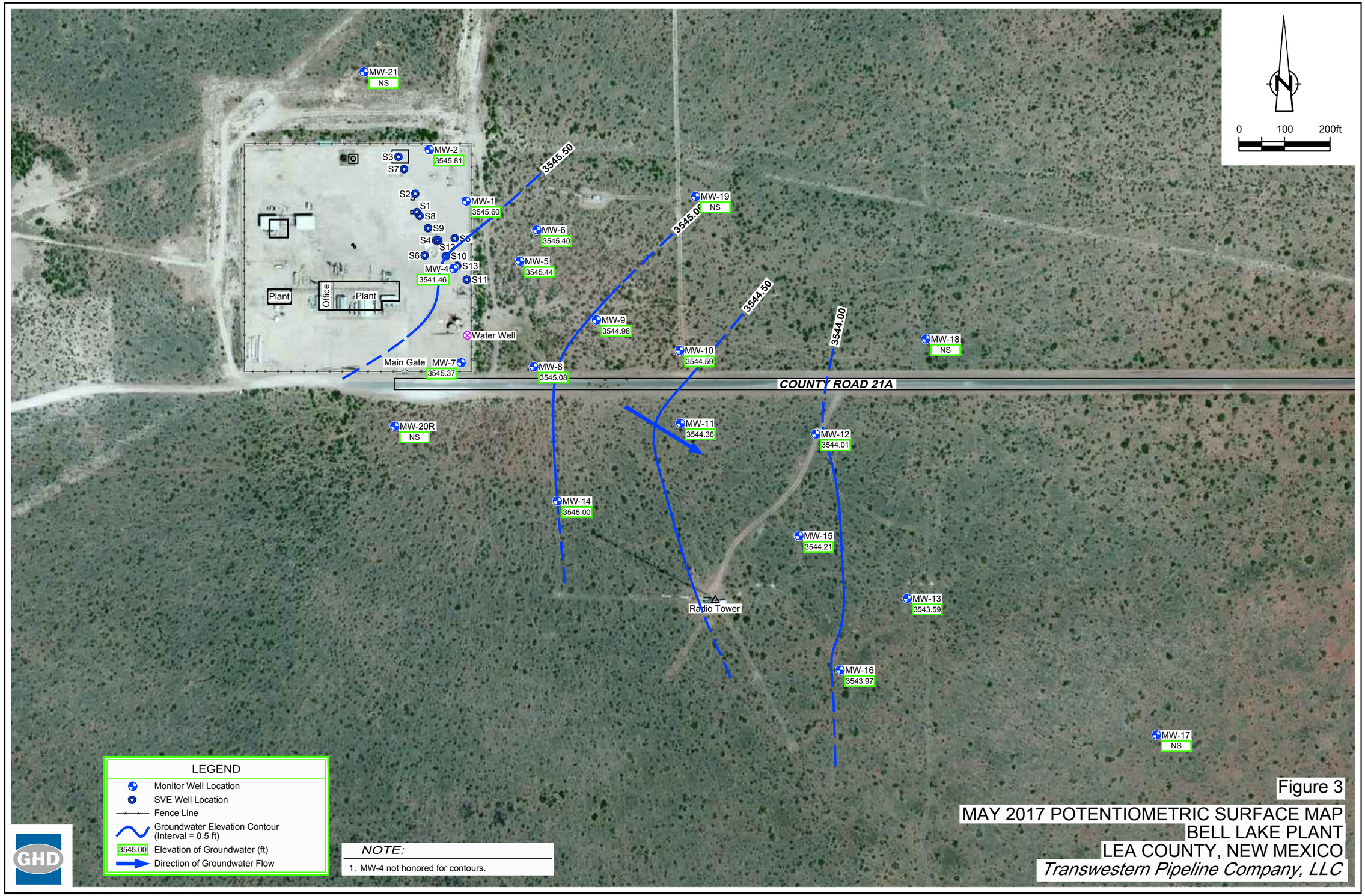


Figure 3

MAY 2017 POTENTIOMETRIC SURFACE MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

086232-00(005)GN-DL001 MAR 28, 2018

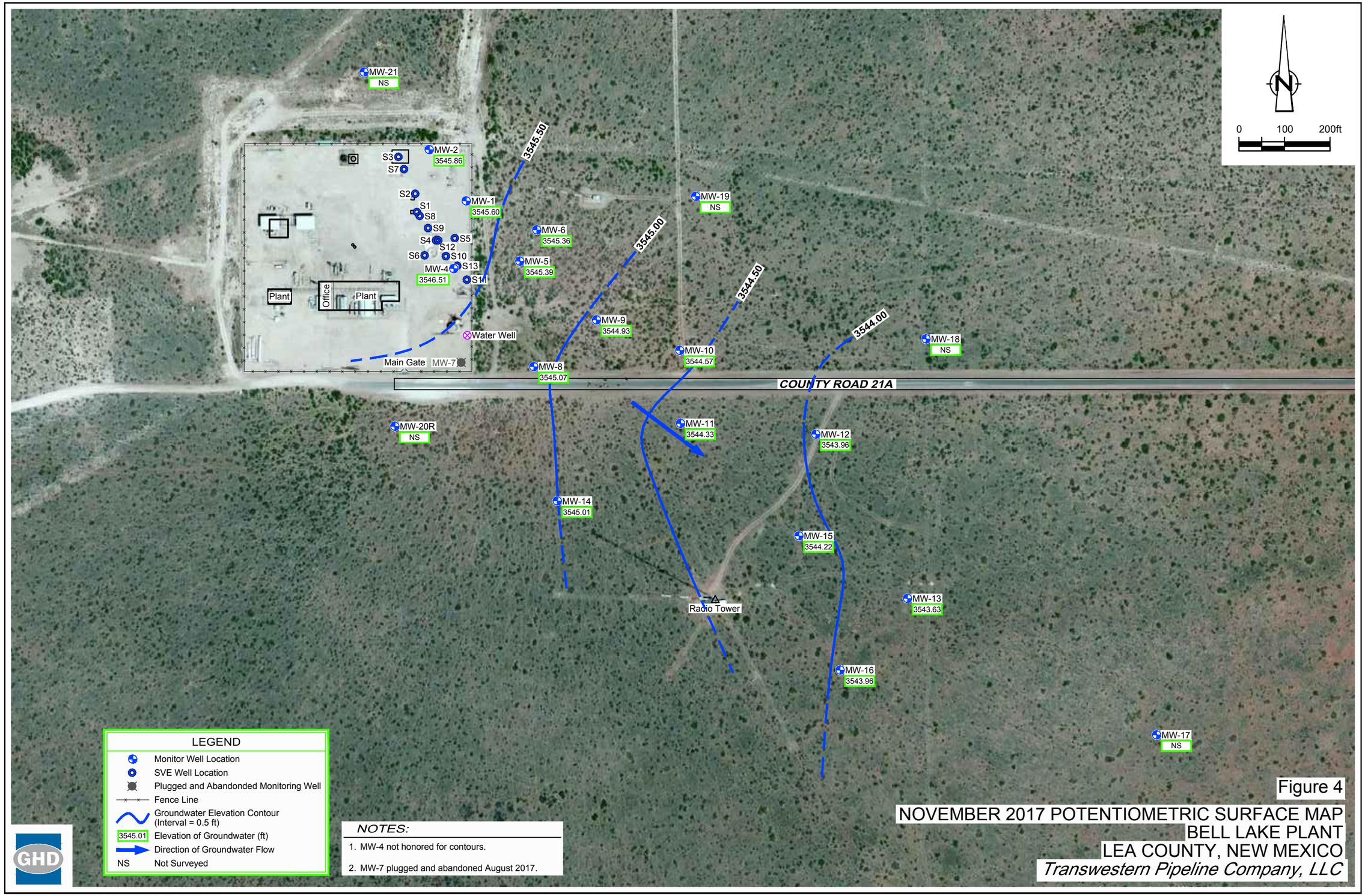
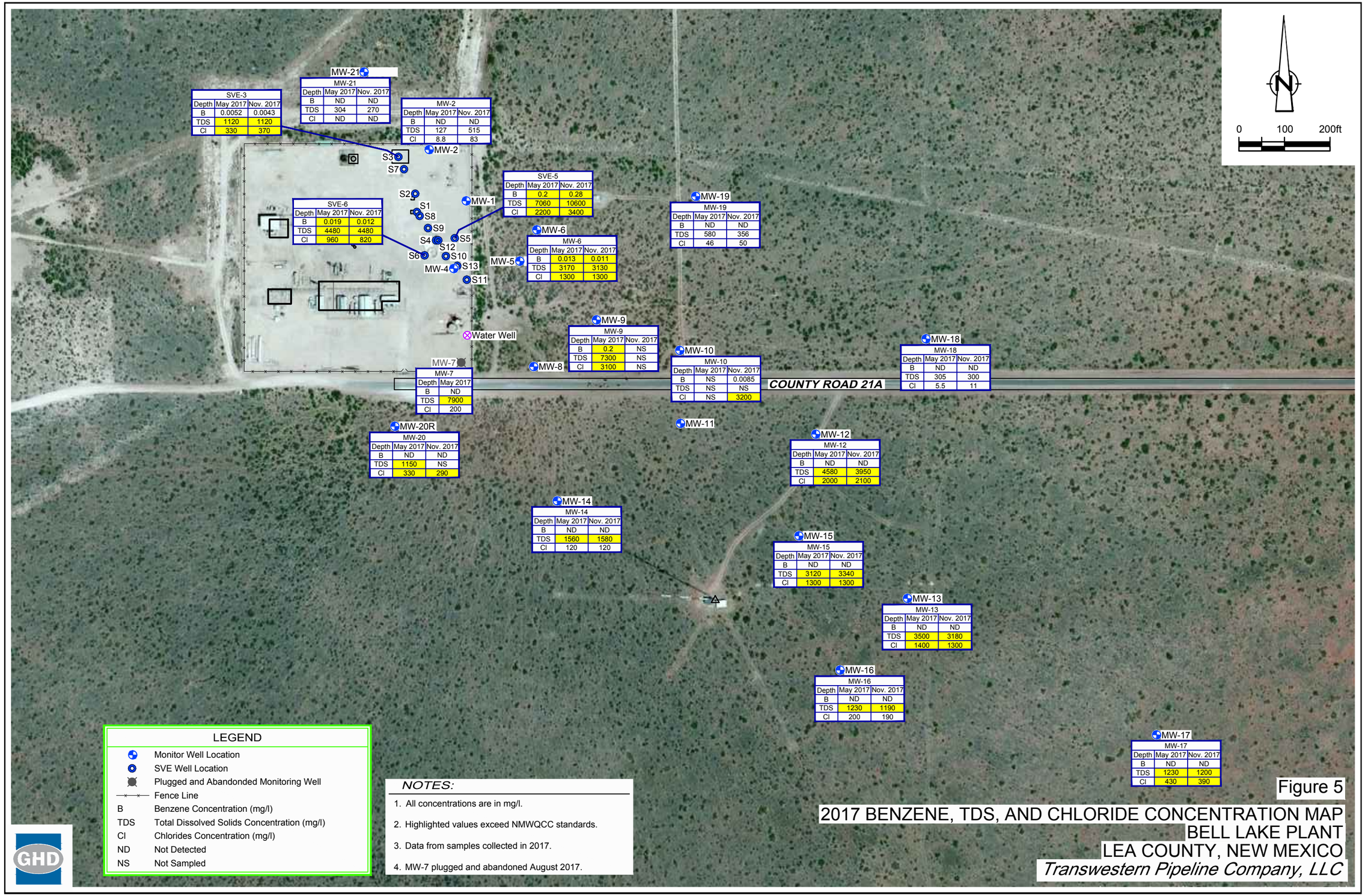


Figure 4

NOVEMBER 2017 POTENTIOMETRIC SURFACE MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC

086232-00(005)GN-DL001 MAR 28, 2018


0
100
200ft
SVE-3
Depth | May 2017 | Nov. 2017
B | 0.0052 | 0.0043
TDS | 1120 | 1120
Cl | 330 | 370
MW-21
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 304 | 270
Cl | ND | ND
MW-2
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 127 | 515
Cl | 8.8 | 83
SVE-5
Depth | May 2017 | Nov. 2017
B | 0.2 | 0.28
TDS | 7060 | 10600
Cl | 2200 | 3400
SVE-6
Depth | May 2017 | Nov. 2017
B | 0.019 | 0.012
TDS | 4480 | 4480
Cl | 960 | 820
MW-19
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 580 | 356
Cl | 46 | 50
MW-6
Depth | May 2017 | Nov. 2017
B | 0.013 | 0.011
TDS | 3170 | 3130
Cl | 1300 | 1300
MW-9
Depth | May 2017 | Nov. 2017
B | 0.2 | NS
TDS | 7300 | NS
Cl | 3100 | NS
MW-18
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 305 | 300
Cl | 5.5 | 11
MW-10
Depth | May 2017 | Nov. 2017
B | NS | 0.0085
TDS | NS | NS
Cl | NS | 3200
MW-7
Depth | May 2017
B | ND
TDS | 7900
Cl | 200
MW-20
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 1150 | NS
Cl | 330 | 290
MW-12
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 4580 | 3950
Cl | 2000 | 2100
MW-14
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 1560 | 1580
Cl | 120 | 120
MW-15
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 3120 | 3340
Cl | 1300 | 1300
MW-13
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 3500 | 3180
Cl | 1400 | 1300
MW-16
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 1230 | 1190
Cl | 200 | 190
MW-17
Depth | May 2017 | Nov. 2017
B | ND | ND
TDS | 1230 | 1200
Cl | 430 | 390
MW-1
MW-2
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20R
MW-21
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
S13
Water Well
COUNTY ROAD 21A
LEGEND
Monitor Well Location
SVE Well Location
Plugged and Abandonded Monitoring Well
Fence Line
B Benzene Concentration (mg/l)
TDS Total Dissolved Solids Concentration (mg/l)
Cl Chlorides Concentration (mg/l)
ND Not Detected
NS Not Sampled
NOTES:
1. All concentrations are in mg/l.
2. Highlighted values exceed NMWQCC standards.
3. Data from samples collected in 2017.
4. MW-7 plugged and abandoned August 2017.
GHD
Figure 5
2017 BENZENE, TDS, AND CHLORIDE CONCENTRATION MAP
BELL LAKE PLANT
LEA COUNTY, NEW MEXICO
Transwestern Pipeline Company, LLC
086232-00(005)GN-DL001 MAR 28, 2018

Tables

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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
		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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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
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
		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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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
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
MW-17		5/22/20174	--	84.53	--	
		11/13/2017	--	84.55	--	
MW-18		5/22/20174	--	88.48	--	
		11/13/2017	--	88.45	--	
MW-19		5/22/20174	--	89.92	--	
		11/13/2017	--	89.91	--	
MW-20		5/22/20174	--	90.56	--	
		11/13/2017	--	90.55	--	

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
MW-21		5/22/20174	--	89.20	--	
		11/13/2017	--	89.23	--	
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	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
SVE-3 (cont.)	3637.62 (f)	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
		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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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
Lea County, New Mexico

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
SVE-11 (cont.)	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
		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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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
		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

Table 1

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

Well ID	Elevation*	Date Measured	Depth to LNAPL (ft below TOC)	Depth to Groundwater (ft below TOC)	LNAPL THICKNESS (ft)	Relative Water Level
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
		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

Notes:

-- Not applicable since no measurable thickness of hydrocarbon is present

(b) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.8
(c) TOC elevation based on survey by John West Surveying Co. on 12/28/95
(d) TOC elevation based on survey by CES (GCR) on 01/09/98
(e) TOC elevation based on survey by CES (GCR) on 08/11/99
(f) TOC elevation based on survey by John West Surveying Co. on 12/27/99 w/adjustments:
MW-2=+0.06, MW-7 & SVE-1-13=+0.08, MW-10-13=+0.02
(g) TOC elevation based on survey by John West Surveying Co. on 01/09/03

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-1	WG-MW-1-10/24/93	10/24/1993	(orig)	**24**	32	29	82	-	-	-	-	-	-
	WG-MW-1-12/07/1994	12/7/1994	(orig)	**92**	54	50	<111	-	**7100**	-	-	8.82	-
	WG-MW-1-05/31/1995	5/31/1995	(orig)	8.00	9.00	13	29	**2620**	**5800**	-	-	8.80	-
	WG-MW-1-12/14/1995	12/14/1995	(orig)	< 200	<200	366	204	**2500**	**5640**	8090	-	**9.55**	18.70
	WG-MW-1-02/21/1996	2/21/1996	(orig)	**13**	29	62	53	**2450**	**5050**	-	-	-	-
	WG-MW-1-05/16/1996	5/16/1996	(orig)	**15**	33	9.00	47	-	-	14650	-	**9.68**	26.70
	WG-MW-1-08/14/1996	8/14/1996	(orig)	**11**	23	5.00	30	-	-	8490	-	8.97	23.20
	WG-MW-1-11/14/1996	11/14/1996	(orig)	2.40	13	4.90	9.00	-	-	-	-	8.38	19.70
	WG-MW-1-02/08/1997	2/8/1997	(orig)	**11**	11	13	14	**2350**	**5610**	9200	-	**9.32**	14.50
	WG-MW-1-08/08/1997 (Kabis)	8/8/1997	(orig)	2.70	7.70	5.40	4.80	**2280**	-	-	-	-	-
	WG-MW-1-08/09/1997	8/9/1997	(orig)	**14**	12	14.00	12.00	**2050**	**5090**	8750	-	8.92	23.10
	WG-MW-1-02/25/1998	2/25/1998	(orig)	6.54	8.45	7.66	7.01	**2140**	**5700**	9340	-	**9.45**	19.70
	WG-MW-1-08/03/1998	8/3/1998	(orig)	6.50	11	6.40	11	**2215**	**3600**	7450	-	8.59	22.40
	WG-MW-1-02/10/1999	2/10/1999	(orig)	5.00	14	3.00	3.00	**2100**	**5250**	7160	-	8.63	22.20
	WG-MW-1-08/10/1999	8/10/1999	(orig)	**11**	11	10	7.00	**2600**	**6670**	7090	-	**9.08**	23.80
	WG-MW-1-02/14/2000	2/14/2000	(orig)	7.80	18	5.40	7.80	-	-	9240	-	**9.37**	20.60
	WG-MW-1-10/17/2000	10/17/2000	(orig)	5.77	8.00	4.93	5.10	**2220**	**4470**	9240	-	**9.53**	21.60
	WG-MW-1-10/17/2000-1WellVol	10/17/2000	(orig)	**20.20**	5.00	33.50	17.80	**1790**	-	-	-	-	-
	WG-MW-1-02/16/2001	2/16/2001	(orig)	4.07	8.17	3.75	4.42	-	-	12120	-	**9.98**	20.40
	WG-MW-1-02/16/2001-1WellVol	2/16/2001	(orig)	**17.80**	2.55	27.60	15.50	-	-	-	-	-	-
	WG-MW-1-08/08/2001	8/8/2001	(orig)	8.38	2.71	9.79	7.16	**1830**	**4650**	10240	-	**9.06**	21.20
	WG-MW-1-03/16/2002	3/16/2002	(orig)	<5	<5	<5	<5	-	-	6460	-	8.68	22.80
	WG-MW-1-08/05/2002	8/5/2002	(orig)	8.20	1.10	12	5.00	**1500**	**4000**	10020	-	8.43	21.60
	WG-MW-1-01/14/2003	1/14/2003	(orig)	9.20	0.61	13	6.50	**1500**	**4300**	6290	-	8.94	23.00
	WG-MW-1-10/15/2003	10/15/2003	(orig)	2.00	<0.50	2.50	1.60	-	-	6633	-	8.98	21.30
	WG-MW-1-05/26/2004	5/26/2004	(orig)	**11**	0.92	17	8.90	-	-	5610	-	**9.07**	21.80
	WG-MW-1-06/26/2004	6/26/2004	(orig)	-	-	-	-	**1600**	**5600**	-	-	-	-
	WG-MW-1-11/11/2004	11/11/2004	(orig)	9.50	0.55	14	6.30	-	-	6120	-	**9.54**	20.70
	WG-MW-1-04/13/2005	4/13/2005	(orig)	9.10	0.52	14	6.30	**1600**	**4700**	5840	-	**9.10**	21.10
	WG-MW-1-11/30/2005	11/30/2005	(orig)	5.60	<0.50	7.30	3.40	-	-	4875	-	8.84	20.70
	WG-MW-1-05/10/2006	5/10/2006	(orig)	5.30	<1	6.50	3.40	**1400**	**3900**	5375	-	**9.03**	21.00
	WG-MW-1-12/13/2006	12/13/2006	(orig)	5.00	1.80	6.20	<3	-	-	3851	-	8.83	20.80
	WG-MW-1-06/20/2007	6/20/2007	(orig)	5.40	<1	6.20	2.00	**1000**	**3000**	5749	-	**9.07**	21.00
	WG-MW-1-12/05/2007	12/5/2007	(orig)	2.60	<1	2.60	<2	-	-	5155	-	-	20.50
	WG-MW-1-05/20/2008	5/20/2008	(orig)	5.00	<1	5.80	<2	**970**	**2900**	4863	-	**9.03**	21.30
	WG-MW-1-12/09/2008	12/9/2008	(orig)	6.40	<1	7.10	<2	-	-	3075	-	8.20	19.50
	WG-MW-1-04/30/2009	4/30/2009	(orig)	5.20	<1	6.10	<2	**940**	**2500**	5595	-	8.79	21.30
	WG-MW-1-01/27/2010	1/27/2010	(orig)	<10	<10	<10	<20	-	-	5149	-	8.89	20.60
	WG-MW-1-11/17/2010	11/17/2010	(orig)	<10	<10	<10	<20	**1500**	**2780**	4566	-	8.38	20.50
	WG-MW-1-05/18/2011	5/18/2011	(orig)	4.50	<1	2.80	<2	-	-	4776	-	8.08	21.70
	WG-MW-1-12/12/2011	12/12/2011	(orig)	6.20	<1	3.30	<2	**1700**	**3130**	5629	-	7.97	14.60
	WG-MW-1-04/23/2012	4/23/2012	(orig)	5.00	2.00	2.80	3.00	-	-	6021	-	8.34	21.30
	WG-MW-1-10/17/2012	10/17/2012	(orig)	5.00	<1	2.00	<2	**1800**	**3750**	4926	-	7.90	21.50
	WG-MW-1-05/08/2013	5/8/2013	(orig)	3.40	<1	<1	<2	-	-	5482	-	7.87	21.10
	WG-MW-1-12/19/2013	12/19/2013	(orig)	6.00	<1	1.10	<2	**1700**	**3420**	4244	-	7.50	20.10
	GW-086232-050214-CM-MW1	5/2/2014	(orig)	4.20	<1.0	1.40	3.00	**1400**	**3180**	5213	-221.6	7.69	24.05
	GW-086232-102414-SP-MW-1	10/24/2014	(orig)	2.70	<1.0	<1.0	<2.0	**1300**	-	5190	-260.0	8.21	21.30
	GW-086232-102414-SP-DUP	10/24/2014	(duplicate)	2.40	<1.0	<1.0	<2.0	**1600**	-	-	-	-	-
	GW-086232-051215-CM-MW-1	5/12/2015	(orig)	3.5	<1.0	<1.0	<1.5	**1100**	**2630**	4610	-100.0	**9.17**	20.00
	GW-086232-111215-CK-MW-1	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 Parameters Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-2	WG-MW-2-10/19/1993	10/19/1993	(orig)	<5	<5	<5	<5	-	**9200**	-	-	-	-
	WG-MW-2-12/07/1994	12/7/1994	(orig)	6.00	<2	5.00	<4	-	**2600**	-	-	7.18	-
	WG-MW-2-05/31/1995	5/31/1995	(orig)	3.00	<2	<2	<2	**512**	**1500**	-	-	7.40	-
	WG-MW-2-12/14/1995	12/14/1995	(orig)	<2	<2	<2	<2	**470**	**1420**	3890	-	8.26	19.80
	WG-MW-2-02/20/1996	2/20/1996	(orig)	<2	<2	<2	<2	214	940	2220	-	7.07	22.20
	WG-MW-2-05/16/1996	5/16/1996	(orig)	<2	<2	<2	<2	-	-	3950	-	7.84	24.40
	WG-MW-2-08/13/1996	8/13/1996	(orig)	<2	<2	<2	<3	-	-	6860	-	8.62	27.20
	WG-MW-2-11/14/1996	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	7.67	16.90
	WG-MW-2-02/08/1997	2/8/1997	(orig)	<2	<2	<2	<2	**325**	**1040**	2000	-	7.38	13.70
	WG-MW-2-08/08/1997	8/8/1997	(orig)	7.30	<2	5.40	2.70	**280**	986	1701	-	7.38	22.00
	WG-MW-2-02/25/1998	2/25/1998	(orig)	<5	<5	<5	<5	**353**	**1020**	1433	-	7.56	18.60
	WG-MW-2-08/03/1998	8/3/1998	(orig)	<5	<5	<5	<5	**500**	**1000**	3340	-	8.12	22.50
	WG-MW-2-02/10/1999	2/10/1999	(orig)	1.00	<1	<1	<1	**1300**	**2830**	1284	-	7.53	22.10
	WG-MW-2-08/10/1999	8/10/1999	(orig)	2.00	<2	<2	<2	**730**	**1750**	2000	-	7.84	21.80
	WG-MW-2-02/14/2000	2/14/2000	(orig)	**12**	<1	7.40	3.90	-	-	6680	-	**9.10**	20.30
	WG-MW-2-10/17/2000	10/17/2000	(orig)	0.83	<0.500	<0.500	<1.00	**299**	996	5010	-	8.99	21.00
	WG-MW-2-02/16/2001	2/16/2001	(orig)	1.15	<0.500	<0.500	<1.00	-	-	5280	-	**9.21**	19.00
	WG-MW-2-08/08/2001	8/8/2001	(orig)	2.43	<1	1.04	<2	**445**	**1170**	5180	-	8.72	20.80
	WG-MW-2-03/16/2002	3/16/2002	(orig)	<5	<5	<5	<5	-	-	3550	-	8.36	22.20
	WG-MW-2-08/05/2002	8/5/2002	(orig)	0.90	<0.50	<0.50	<0.50	**550**	**1400**	4130	-	7.74	21.20
	WG-MW-2-01/14/2003	1/14/2003	(orig)	5.70	<0.50	3.50	1.60	**560**	**1500**	2410	-	8.17	22.80
	WG-MW-2-10/15/2003	10/15/2003	(orig)	1.30	<0.50	<0.50	<0.50	-	-	2121	-	7.74	20.70
	WG-MW-2-05/26/2004	5/26/2004	(orig)	6.10	<0.50	3.70	2.10	**570**	**1500**	3760	-	7.90	21.10
	WG-MW-2-11/10/2004	11/10/2004	(orig)	1.30	<0.50	0.76	<0.50	-	-	2160	-	8.49	20.50
	WG-MW-2-04/13/2005	4/13/2005	(orig)	**16**	<0.50	12.00	5.50	**1100**	**2500**	1430	-	8.02	21.00
	WG-MW-2-11/30/2005	11/30/2005	(orig)	3.80	<0.50	2.00	1.40	-	-	944	-	7.79	20.40
	WG-MW-2-05/10/2006	5/10/2006	(orig)	2.90	<1	1.70	<3	**270**	880	1653	-	7.83	20.30
	WG-MW-2-12/13/2006	12/13/2006	(orig)	7.00	<1	4.90	<3	-	-	1075	-	7.77	20.30
	WG-MW-2-06/20/2007	6/20/2007	(orig)	5.40	<1	4.70	<2	**440**	**1100**	1944	-	8.34	20.50
	WG-MW-2-12/06/2007	12/6/2007	(orig)	5.10	<1	3.80	<2	-	-	843	-	8.83	18.20
	WG-MW-2-05/22/2008	5/22/2008	(orig)	3.70	<1	2.80	<2	180	720	1261	-	8.98	20.40
	WG-MW-2-12/08/2008	12/8/2008	(orig)	1.40	<1	1.10	<2	-	-	887	-	7.66	18.50
	WG-MW-2-04/30/2009	4/30/2009	(orig)	**10**	<1	9.80	3.70	**280**	830	2264	-	7.84	21.10
	WG-MW-2-01/28/2010	1/28/2010	(orig)	<1	<1	<1	<2	-	-	1264	-	7.92	19.10
	WG-MW-2-11/17/2010	11/17/2010	(orig)	9.20	<1	6.40	3.30	**370**	989	1343	-	7.71	20.30
	WG-MW-2-05/18/2011	5/18/2011	(orig)	4.50	<1	2.40	<2	-	-	1724	-	8.05	20.80
	WG-MW-2-12/12/2011	12/12/2011	(orig)	7.40	<1	4.80	<2	**560**	**1400**	1925	-	8.15	18.50
	WG-MW-2-04/23/2012	4/23/2012	(orig)	**14**	<1	9.10	5.50	-	-	4292	-	8.59	20.50
	WG-MW-2-10/17/2012	10/17/2012	(orig)	2.00	<1	<1	<2	240	708	1421	-	7.80	20.60
	WG-MW-2-05/08/2013	5/8/2013	(orig)	9.10	<1	5.00	2.40	-	-	1736	-	7.84	20.30
	WG-MW-2-12/18/2013	12/18/2013	(orig)	9.50	<1	5.00	3.80	-	-	1511	-	8.02	18.50
	GW-086232-050214-CM-MW2	5/2/2014	(orig)	3.90	<1.0	1.50	<1.5	**320**	**1060**	1842	-237.2	7.96	23.11
	GW-086232-102414-SP-MW-2	10/24/2014	(orig)	5.70	<1.0	2.00	<2.0	**690**	-	2140	-180.0	8.05	21.00
	GW-086232-051315-CM-MW-2	5/13/2015	(orig)	2.4	<1.0	<1.0	<1.5	220	772	1440	-135.0	8.06	21.00
	GW-086232-111215-CK-MW-2	11/12/2015	(orig)	2.7	<1.0	<1.0	<1.5	**300**	905	1491	505.6	7.62	19.91
	GW-086232-061516-SP-MW-2	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	100	512	-	-160.1	9.00	21.30
	GW-086232-120616-SP-MW-2	12/6/2016	(orig)	1.2	<1.0	<1.0	<1.5	140	560	1183	-223.9	7.78	19.71
	GW-086232-052317-CN-MW-2	5/23/2017	(orig)	<1.0	<1.0	<1.0	<1.5	8.8	127	196	-123.7	7.81	17.53
	GW-086232-111617-SP-MW-2	11/16/2017	(orig)	<1.0	<1.0	<1.0	<1.5	83	515	838	-106.9	7.48	20.02
MW-3	WG-MW-3-10/20/1993	10/20/1993	(orig)	<5	<5	<5	<5	-	**1500**	-	-	-	-
	WG-MW-3-12/07/1994	12/7/1994	(orig)	<2	<2	<2	<4	-	320	-	-	7.32	-
	WG-MW-3-05/31/1995	5/31/1995	(orig)	<2	<2	<2	<2	14.5	380	-	-	7.70	-
	WG-MW-3-12/14/1995	12/14/1995	(orig)	<2	<2	<2	<2	17	334	480	-	7.79	23.00
	WG-MW-3-02/20/1996	2/20/1996	(orig)	<2	<2	<2	2.00	20	346	490	-	7.52	22.70
	WG-MW-3-05/16/1996	5/16/1996	(orig)	<2	<2	<2	<2	-	-	558	-	7.62	27.20
	WG-MW-3-08/13/1996	8/13/1996	(orig)	<2	<2	<2	<3	-	-	550	-	7.46	28.90
	WG-MW-3-11/14/1996	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	7.37	17.20
	WG-MW-3-02/08/1997	2/8/1997	(orig)	<2	<2	<2	<2	15	368	400	-	7.35	15.30
	WG-MW-3-08/09/1997	8/9/1997	(orig)	<2	<2	<2	<2	10	380	573	-	7.53	21.60
	WG-MW-3-02/25/1998	2/25/1998	(orig)	<5	<5	<5	<5	13	330	484	-	7.51	18.70
	WG-MW-3-08/03/1998	8/3/1998	(orig)	<5	<5	<5	<5	15	200	516	-	7.51	21.80

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-4	WG-MW-4-12/07/1994	12/7/1994	(orig)	**18**	4.00	71	160	**-**	**4700**	-	-	**9.70**	-
	WG-MW-4-05/31/1995	5/31/1995	(orig)	**300**	<2	**1300**	**800**	**1700**	**5200**	-	-	**10.00**	-
	WG-MW-4-12/13/1995	12/13/1995	(orig)	**445**	<200	**1380**	**970**	**1900**	**6600**	6300	-	**10.73**	17.70
	WG-MW-4-02/21/1996	2/21/1996	(orig)	<200	<200	454	460	**1010**	**3450**	-	-	**-**	-
	WG-MW-4-05/16/1996	5/16/1996	(orig)	**92**	52	549	**1370**	**-**	**-**	9840	-	**9.93**	27.50
	WG-MW-4-08/14/1996	8/14/1996	(orig)	**333**	<200	**992**	**2630**	**-**	**-**	6480	-	**12.89**	24.00
	WG-MW-4-11/14/1996	11/14/1996	(orig)	**260**	55	**1010**	**1200**	**-**	**-**	-	-	8.51	21.10
	WG-MW-4-02/08/1997	2/8/1997	(orig)	**240**	<100	**1000**	**1200**	**1110**	**4380**	7600	-	**10.73**	16.50
	WG-MW-4-12/19/2013	12/19/2013	(orig)	**12**	2.00	25	31	220	**1100**	-	-	**-**	-
	GW-086232-111115-CK-MW-4	11/11/2015	(orig)	**13**	1.20	21	15	**300**	**1240**	1931	269.8	**9.06**	21.54
MW-5	WG-MW-5-12/07/1994	12/7/1994	(orig)	9.00	4.00	20	64	**-**	**9500**	-	-	**9.29**	-
	WG-MW-5-05/31/1995	5/31/1995	(orig)	**51**	16	109	219	**4070**	**7400**	-	-	9.00	-
	WG-MW-5-12/12/1995	12/12/1995	(orig)	**27**	16	26	107	**3650**	**7580**	12420	-	**10.40**	21.50
	WG-MW-5-02/21/1996	2/21/1996	(orig)	**45**	17	59	133	**4050**	**8050**	9860	-	**12.96**	20.40
	WG-MW-5-05/16/1996	5/16/1996	(orig)	**51**	26	52	177	**-**	**-**	10110	-	8.85	26.70
	WG-MW-5-08/14/1996	8/14/1996	(orig)	**48**	21	33	150	**-**	**-**	10620	-	**9.10**	24.40
	WG-MW-5-11/14/1996	11/14/1996	(orig)	**67**	32	56	270	**-**	**-**	-	-	8.61	22.60
	WG-MW-5-02/08/1997	2/8/1997	(orig)	**75**	26	60	140	**3300**	**6980**	4200	-	**9.58**	15.30
	WG-MW-5-08/08/1997(Kabis)	8/8/1997	(orig)	**70**	23	56	170	**3520**	**-**	-	-	**-**	-
	WG-MW-5-08/09/1997	8/9/1997	(orig)	**140**	47	110	370	**1450**	**8370**	12060	-	8.74	26.10
	WG-MW-5-02/25/1998	2/25/1998	(orig)	**92**	19.50	100	172.10	**3480**	**7300**	11540	-	8.97	18.90
	WG-MW-5-08/04/1998	8/4/1998	(orig)	**110**	27	96	190	**3330**	**6800**	11760	-	8.73	24.00
	WG-MW-5-02/11/1999	2/11/1999	(orig)	**120**	18	140	200	**3200**	**7860**	12000	-	8.94	17.30
	WG-MW-5-08/10/1999	8/10/1999	(orig)	**82**	20	76	130	**2900**	**6850**	11010	-	8.71	21.60
	WG-MW-5-02/14/2000	2/14/2000	(orig)	**110**	33	72	200	**-**	**-**	11980	-	8.92	21.30
	WG-MW-5-10/18/2000	10/18/2000	(orig)	**168**	30.40	230	306	**2720**	**6580**	9460	-	8.63	21.50
	WG-MW-5-02/15/2001	2/15/2001	(orig)	**104**	26.10	74.90	157	**-**	**-**	10000	-	8.61	21.50
	WG-MW-5-08/09/2001	8/9/2001	(orig)	**106**	22.50	100	169.80	**2660**	**5750**	8710	-	8.37	21.50
	WG-MW-5-03/17/2002	3/17/2002	(orig)	**92**	14.80	30.90	95.60	**-**	**-**	10780	-	8.72	23.10
	WG-MW-5-08/06/2002	8/6/2002	(orig)	**120**	23	97	150	**2300**	**5300**	8900	-	7.71	22.40
	WG-MW-5-01/15/2003	1/15/2003	(orig)	**110**	30	53	130	**2400**	**6400**	9160	-	8.51	23.20
	WG-MW-5-10/14/2003	10/14/2003	(orig)	**93**	32	34	62	**-**	**-**	8217	-	8.23	20.80
	WG-MW-5-05/27/2004	5/27/2004	(orig)	**80**	28	69	97	**1600**	**4400**	7640	-	8.32	20.40
	WG-MW-5-11/11/2004	11/11/2004	(orig)	**54**	19	50	64	**-**	**-**	6480	-	8.47	20.20
	WG-MW-5-04/13/2005	4/13/2005	(orig)	**110**	22	210	210	**1800**	**4400**	-	-	**-**	-
	WG-MW-5-11/30/2005	11/30/2005	(orig)	**41**	9.10	46	54	**-**	**-**	6131	-	8.53	20.70
	WG-MW-5-05/08/2006	5/8/2006	(orig)	**49**	<5	63	54	**-**	**-**	6628	-	8.66	21.80
	WG-MW-5-05/09/2006	5/9/2006	(orig)	-	**-**	**-**	**-**	**1600**	**4500**	-	-	**-**	-
	WG-MW-5-12/12/2006	12/12/2006	(orig)	**21**	2.90	19	24	**-**	**-**	6219	-	8.92	20.80
	WG-MW-5-06/19/2007	6/19/2007	(orig)	**46**	23.00	56	67	**1600**	**3600**	6313	-	8.70	22.60
	WG-MW-5-12/06/2007	12/6/2007	(orig)	**27**	3.70	39	46	**-**	**-**	6429	-	**9.15**	20.80
	WG-MW-5-05/22/2008	5/22/2008	(orig)	**40**	5.50	75	87	**1200**	**4200**	5424	-	8.71	21.30
	WG-MW-5-12/10/2008	12/10/2008	(orig)	**14**	1.60	18	22	**-**	**-**	5376	-	8.73	19.20
	WG-MW-5-05/01/2009	5/1/2009	(orig)	8.80	<1	8.20	12	**2300**	**7300**	6514	-	8.63	21.50
	WG-MW-5-01/28/2010	1/28/2010	(orig)	**13**	<5	16	15	**-**	**-**	4975	-	8.77	18.50
	WG-MW-5-11/17/2010	11/17/2010	(orig)	**17**	<5	26	29	**1300**	**3390**	5125	-	8.76	20.70
	WG-MW-5-05/18/2011	5/18/2011	(orig)	**20**	2.60	37	40	**-**	**-**	5642	-	8.70	21.40
	WG-MW-5-12/12/2011	12/12/2011	(orig)	**12**	1.40	17	19	**1300**	**3310**	4965	-	8.86	19.30
	WG-MW-5-04/24/12	4/24/2012	(orig)	**14**	1.80	21	22	**-**	**-**	4470	-	8.62	21.50
	WG-MW-5-10/17/2012	10/17/2012	(orig)	**13**	1.50	20	19	**1200**	**2930**	5249	-	**9.08**	21.50
	WG-MW-5-05/09/13	5/9/2013	(orig)	8.50	1.00	10	11	**-**	**-**	4866	-	8.99	20.90
	WG-MW-5-12/19/2013	12/19/2013	(orig)	**14**	1.50	19	20	**1200**	**2970**	4994	-	7.92	20.80
	GW-086232-050114-CM-MW5	5/1/2014	(orig)	**11**	<5.0	16	14	**1200**	**3150**	5611	-295.5	8.88	20.75
	GW-086232-102214-SP-MW-5	10/22/2014	(orig)	**83**	8.20	230	210	**2400**	**-**	6170	-260.0	**9.32**	21.20
	GW-086232-051315-CM-MW-5	5/13/2015	(orig)	**13**	<5.0	15	17	**1500**	**3660**	6390	-292.0	8.87	21.40
	GW-086232-111015-CK-MW-5	11/10/2015	(orig)	**32**	3.60	70	80	**1500**	**3600**	5260	2.0	**9.28**	20.57

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-6	WG-MW-6-12/07/1994	12/7/1994	(orig)	<2	<2	3.00	<6	-	**4700**	-	-	8.51	-
	WG-MW-6-05/31/1995	5/31/1995	(orig)	**28**	4.00	26	57	**2670**	**5400**	-	-	**9.20**	-
	WG-MW-6-12/12/1995	12/12/1995	(orig)	**18**	3.00	11	33	**2500**	**4770**	6150	-	**9.13**	21.60
	WG-MW-6-02/20/1996	2/20/1996	(orig)	**16**	6.00	12	48	**2500**	**4830**	6000	-	**9.04**	21.70
	WG-MW-6-05/16/1996	5/16/1996	(orig)	**24**	10	26	74	-	-	7880	-	**9.09**	28.40
	WG-MW-6-08/14/1996	8/14/1996	(orig)	**24**	<20	23	80	-	-	6590	-	8.79	23.10
	WG-MW-6-11/14/1996	11/14/1996	(orig)	**38**	11	31	43	-	-	-	-	8.62	21.90
	WG-MW-6-02/08/1997	2/8/1997	(orig)	**24**	11	22	75	**2200**	**4050**	8700	-	**9.67**	17.40
	WG-MW-6-08/09/1997	8/9/1997	(orig)	**68**	28	58	150	**2220**	**5040**	8470	-	**9.14**	24.00
	WG-MW-6-02/25/1998	2/25/1998	(orig)	**26**	13.70	25	107	**2540**	**5280**	7390	-	**9.06**	18.40
	WG-MW-6-08/04/1998	8/4/1998	(orig)	**29**	24	22	120	**2450**	**4200**	8540	-	**9.01**	24.30
	WG-MW-6-02/10/1999	2/10/1999	(orig)	**32**	15	37	140	**2500**	**5050**	-	-	-	-
	WG-MW-6-08/10/1999	8/10/1999	(orig)	**110**	110	68	360	**2500**	**5120**	8060	-	**9.02**	21.50
	WG-MW-6-02/14/2000	2/14/2000	(orig)	**29**	32	18	100	-	-	8890	-	**9.28**	20.60
	WG-MW-6-DUP-02/14/2000	2/14/2000	(duplicate)	**22**	30	9.00	85	-	-	-	-	-	-
	WG-MW-6-10/18/2000	10/18/2000	(orig)	**23.10**	13.50	26.50	58.90	**2240**	**4540**	-	-	-	-
	WG-MW-6-10/18/2000-1WellVol	10/18/2000	(duplicate)	-	-	-	-	**2670**	**5680**	-	-	-	-
	WG-MW-6-DUP-1WellVol	10/18/2000	(duplicate)	**26.80**	26.20	20.10	92.70	-	-	8980	-	8.98	21.00
	WG-MW-6-02/15/2001	2/15/2001	(orig)	**27.90**	31	18.80	98.50	-	-	7230	-	**9.03**	21.00
	WG-MW-6-02/15/2001-1WellVol	2/15/2001	(orig)	**21.70**	28.10	10.60	87.60	-	-	-	-	-	-
	WG-MW-6-DUP-02/15/2001	2/15/2001	(duplicate)	**27.10**	17.10	31.20	69.50	-	-	-	-	-	-
	WG-MW-6-08/09/2001	8/9/2001	(orig)	**29.80**	27.20	21	87.28	**2100**	**4210**	6820	-	**9.08**	20.80
	WG-MW-6-03/17/2002	3/17/2002	(orig)	**24.90**	16.20	14.70	59.80	-	-	9010	-	**9.42**	22.40
	WG-MW-6-08/06/2002	8/6/2002	(orig)	**32**	23	18	77	**1800**	**3900**	6560	-	8.05	21.70
	WG-MW-6-01/15/2003	1/15/2003	(orig)	**33**	29	20	81	**1700**	**4200**	7770	-	**9.36**	22.60
	WG-MW-6-10/14/2003	10/14/2003	(orig)	**36**	30	19	89	-	-	7011	-	**9.26**	20.10
	WG-MW-6-05/27/2004	5/27/2004	(orig)	**42**	27	34	76	**1600**	**3800**	7170	-	**9.53**	19.80
	WG-MW-6-11/11/2004	11/11/2004	(orig)	**36**	29	19	71	-	-	5820	-	**9.33**	18.80
	WG-MW-6-04/14/2005	4/14/2005	(orig)	**34**	36	15	65	**2100**	**4800**	-	-	-	-
	WG-MW-6-11/30/2005	11/30/2005	(orig)	**44**	27	39	66	-	-	5241	-	**9.18**	20.10
	WG-MW-6-05/09/2006	5/9/2006	(orig)	**40**	31	40	57	**1900**	**4500**	5890	-	**9.30**	21.20
	WG-MW-6-12/12/2006	12/12/2006	(orig)	**39**	25	39	58	-	-	5248	-	**9.45**	20.20
	WG-MW-6-06/19/2007	6/19/2007	(orig)	**27**	4.30	39	47	**1200**	**3900**	6363	-	**9.58**	21.70
	WG-MW-6-12/06/2007	12/6/2007	(orig)	**25**	23	24	40	-	-	5934	-	**10.54**	20.20
	WG-MW-6-05/22/2008	5/22/2008	(orig)	**33**	24	36	49	**1400**	**3400**	5208	-	**9.41**	21.00
	WG-MW-6-12/10/2008	12/10/2008	(orig)	**35**	17	43	41	-	-	4618	-	-	17.70
	WG-MW-6-05/01/2009	5/1/2009	(orig)	**76**	20	120	91	**1900**	**4300**	8919	-	**9.40**	21.30
	WG-MW-6-01/28/2010	1/28/2010	(orig)	**21**	11	31	20	-	-	4529	-	**9.43**	16.60
	WG-MW-6-DUP-01/28/2010	1/28/2010	(duplicate)	**27**	12	40	25	-	-	-	-	-	-
	WG-MW-6-11/17/2010	11/17/2010	(orig)	**35**	13	64	41	**1300**	**2930**	5095	-	**9.47**	20.00
	WG-MW-6-05/18/2011	5/18/2011	(orig)	**44**	9.90	77	48	-	-	5501	-	**9.43**	21.80
	WG-MW-6-12/12/2011	12/12/2011	(orig)	**23**	7.20	38	24	**1600**	**3250**	6113	-	**9.81**	17.70
	WG-MW-6-04/24/12	4/24/2012	(orig)	**26**	8.70	43	29	-	-	4425	-	**9.33**	21.30
	WG-MW-6-10/17/2012	10/17/2012	(orig)	**19**	6.60	24	16	**1600**	**3560**	5879	-	**9.63**	21.10
	WG-MW-6-05/09/13	5/9/2013	(orig)	**24**	6.30	38	23	-	-	5952	-	**10.03**	20.60
	WG-MW-6-12/19/2013	12/19/2013	(orig)	**25**	5.60	40	23	**1200**	**2940**	4741	-	8.13	20.40
	GW-086232-050114-CM-MW6	5/1/2014	(orig)	**15**	<5.0	22	11	**1000**	**2910**	5041	-302.1	**9.10**	20.57
	GW-086232-102314-SP-MW-6	10/23/2014	(orig)	**22**	3.60	37	20	**2100**	-	6730	-304.0	**9.78**	20.80
	GW-086232-051315-CM-MW-6	5/13/2015	(orig)	**17**	<5.0	29	13	**1200**	**3040**	6710	-323.0	**9.52**	22.00
	GW-086232-111015-CK-MW-6	11/10/2015	(orig)	**28**	4.50	58	32	**1400**	**3340**	5943	-10.1	**9.97**	20.36
	GW-086232-061416-SP-MW-6	6/14/2016	(orig)	**14**	2.00	24	12	**1400**	**3680**	-	-266.7	**9.75**	21.00
	GW-086232-120716-SP-MW-6	12/7/2016	(orig)	**16**	2.10	28	15	**1800**	**3910**	5790	-330.6	**10.09**	19.50
	GW-086232-052417-CN-MW-6	5/24/2017	(orig)	**13**	1.10	18	8.30	**1300**	**3170**	4924	-303.9	**9.24**	21.41
	GW-086232-111617-SP-MW-6	11/16/2017	(orig)	**11**	<1.0	15	6.80	**1300**	**3130**	5601	-301.0	**9.56**	20.07

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-7	WG-MW-7-12/13/1995	12/13/1995	(orig)	<2	<2	<2	<2	**2150**	**4040**	4580	-	7.15	19.50
	WG-MW-7-02/20/1996	2/20/1996	(orig)	2.00	<2	<2	<2	**2500**	**4490**	6310	-	6.47	22.50
	WG-MW-7-05/15/1996	5/15/1996	(orig)	4.00	2.00	<2	<2	-	-	7070	-	6.57	25.90
	WG-MW-7-08/14/1996	8/14/1996	(orig)	**11**	<2	<2	<2	-	-	5270	-	6.80	22.30
	WG-MW-7-11/14/1996	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	6.79	18.70
	WG-MW-7-02/08/1997	2/8/1997	(orig)	<2	<2	<2	<2	**2100**	**4350**	5700	-	6.97	15.00
	WG-MW-7-08/08/1997	8/8/1997	(orig)	<2	<2	<2	<2	**2200**	**6260**	6650	-	6.84	22.60
	WG-MW-7-02/24/1998	2/24/1998	(orig)	<5	<5	<5	<5	**1810**	**4470**	6730	-	6.79	20.30
	WG-MW-7-08/04/1998	8/4/1998	(orig)	<5	<5	5.60	<5	**1950**	**3400**	7030	-	6.80	22.80
	WG-MW-7-08/10/1999	8/10/1999	(orig)	<2	<2	<2	<2	**1800**	**3900**	6380	-	6.86	21.30
	WG-MW-7-02/15/2000	2/15/2000	(orig)	<1	2.00	<1	1.10	-	-	5650	-	6.87	20.40
	WG-MW-7-10/18/2000	10/18/2000	(orig)	0.70	<0.500	<0.500	<1.00	**1730**	**3930**	4600	-	6.67	19.90
	WG-MW-7-02/15/2001	2/15/2001	(orig)	0.51	<0.500	<0.500	<1.00	-	-	5750	-	6.83	20.90
	WG-MW-7-08/08/2001	8/8/2001	(orig)	<1	<1	<1	<2	**1450**	**4130**	5330	-	6.73	20.80
	WG-MW-7-03/17/2002	3/17/2002	(orig)	<1	<1	1.30	<1	-	-	5560	-	6.87	22.10
	WG-MW-7-08/06/2002	8/6/2002	(orig)	<0.50	1.10	<0.50	<0.50	**1100**	**3300**	4380	-	6.92	22.00
	WG-MW-7-01/16/2003	1/16/2003	(orig)	0.69	<0.50	<0.50	<0.50	**1200**	**3300**	5740	-	6.67	22.60
	WG-MW-7-10/15/2003	10/15/2003	(orig)	0.62	0.56	<0.50	<0.50	-	-	5515	-	6.63	20.50
	WG-MW-7-05/27/2004	5/27/2004	(orig)	-	-	-	-	**1400**	**4000**	-	-	-	-
	WG-MW-7-06/27/2004	6/27/2004	(orig)	0.64	1.10	<0.50	0.63	-	-	5517	-	6.72	20.70
	WG-MW-7-11/10/2004	11/10/2004	(orig)	0.54	0.50	<0.50	<0.50	-	-	4797	-	6.40	20.30
	WG-MW-7-04/14/2005	4/14/2005	(orig)	<0.50	<0.50	<0.50	0.51	**930**	**2900**	5290	-	6.72	19.70
	WG-MW-7-11/30/2005	11/30/2005	(orig)	0.57	0.50	<0.50	<0.50	-	-	4582	-	6.77	20.10
	WG-MW-7-05/09/2006	5/9/2006	(orig)	<1	<1	<1	<1	**1200**	**3300**	4163	-	6.66	20.70
	WG-MW-7-12/12/2006	12/12/2006	(orig)	<1	<1	<1	<3	-	-	4428	-	6.97	19.90
	WG-MW-7-06/18/2007	6/18/2007	(orig)	<1	<1	<1	<2	**980**	**3100**	4696	-	6.01	20.70
	WG-MW-7-12/05/2007	12/5/2007	(orig)	<1	<1	<1	<2	-	-	3862	-	-	20.70
	WG-MW-7-05/21/2008	5/21/2008	(orig)	<1	<1	<1	<2	**790**	**3100**	4370	-	7.50	21.00
	WG-MW-7-12/10/2008	12/10/2008	(orig)	<1	<1	<1	<2	-	-	4040	-	6.87	16.90
	WG-MW-7-04/30/2009	4/30/2009	(orig)	<1	<1	<1	<2	**1300**	**3300**	4392	-	6.58	21.10
	WG-MW-7-01/27/2010	1/27/2010	(orig)	<10	<10	<10	<20	-	-	5389	-	6.67	20.10
	WG-MW-7-11/17/2010	11/17/2010	(orig)	<10	<10	<10	<20	**1100**	**3440**	5306	-	6.71	19.60
	WG-MW-7-05/18/2011	5/18/2011	(orig)	<1	<1	<1	<2	-	-	5572	-	6.79	20.60
	WG-MW-7-12/12/2011	12/12/2011	(orig)	<1	<1	<1	<2	**750**	**4070**	5764	-	6.87	19.50
	WG-MW-7-04/23/2012	4/23/2012	(orig)	<1	<1	<1	<2	-	-	6037	-	6.54	20.40
	WG-MW-7-10/17/2012	10/17/2012	(orig)	<1	<1	<1	<2	**520**	**5210**	6510	-	6.96	20.80
	WG-MW-7-05/08/2013	5/8/2013	(orig)	<1	<1	<1	<2	-	-	6362	-	6.76	21.60
	WG-MW-7-12/18/2013	12/18/2013	(orig)	<1	<1	<1	<2	**560**	**5290**	6521	-	6.45	19.90
	GW-086232-050114-CM-MW7	5/1/2014	(orig)	<1	<1.0	<1.0	<1.5	**550**	**5690**	6661	-96.9	6.32	19.23
	GW-086232-102314-SP-MW-7	10/23/2014	(orig)	<1	<1.0	<1.0	<2.0	**540**	-	7620	115.0	6.81	21.20
	GW-086232-051215-CM-MW-7	5/12/2015	(orig)	<1.0	<1.0	<1.0	2.90	**380**	**6690**	8160	110.0	8.41	19.20
	GW-086232-111115-CK-MW-7	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**260**	**6700**	7281	579.0	**5.88**	19.66
	GW-086232-061416-SP-MW-7	6/14/2016	(orig)	<1.0	<1.0	<1.0	<1.5	210	**8140**	-	-2.5	6.97	21.00
	GW-086232-120716-SP-MW-7	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	190	**7870**	8908	-124.2	7.15	18.97
	GW-086232-052317-CN-MW-7	5/23/2017	(orig)	<1.0	<1.0	<1.0	<1.5	200	**7900**	8595	-110.3	6.58	19.22

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-8	WG-MW-8-12/12/1995	12/12/1995	(orig)	**227**	<200	391	228	**1140**	**2840**	4790	-	8.76	19.70
	WG-MW-8-02/21/1996	2/21/1996	(orig)	**191**	<20	379	300	**790**	**2530**	2920	-	**9.34**	21.20
	WG-MW-8-05/16/1996	5/16/1996	(orig)	**47**	5.00	94	91	**-**	**-**	6870	-	8.43	27.20
	WG-MW-8-08/14/1996	8/14/1996	(orig)	**54**	<20	110	93	**-**	**-**	2440	-	8.75	23.60
	WG-MW-8-11/14/1996	11/14/1996	(orig)	**110**	11	230	160	**-**	**-**	-	-	8.61	21.60
	WG-MW-8-02/08/1997	2/8/1997	(orig)	**98**	8.00	210	130	**825**	**3050**	4000	-	**9.57**	16.90
	WG-MW-8-08/09/1997	8/9/1997	(orig)	**430**	<100	660	610	**1420**	**4910**	5010	-	**9.17**	24.70
	WG-MW-8-02/26/1998	2/26/1998	(orig)	**248**	14.90	461	388	**800**	**2730**	4130	-	**9.36**	18.30
	WG-MW-8-DUP-02/26/1998	2/26/1998	(duplicate)	**104**	<50	207	121	**887**	**-**	-	-	**-**	-
	WG-MW-8-08/04/1998	8/4/1998	(orig)	**200**	19	410	340	**960**	**2600**	4080	-	**9.14**	22.50
	WG-MW-8-02/11/1999	2/11/1999	(orig)	**210**	15	360	400	**1000**	**3670**	4480	-	**9.43**	19.60
	WG-MW-8-08/11/1999	8/11/1999	(orig)	**150**	12	290	310	**930**	**3580**	4760	-	**9.37**	21.10
	WG-MW-8-DUP-08/11/1999	8/11/1999	(duplicate)	**86**	10	110	160	**980**	**-**	-	-	**-**	-
	WG-MW-8-02/14/2000	2/14/2000	(orig)	**150**	17	310	280	**-**	**-**	5030	-	**9.39**	20.60
	WG-MW-8-10/19/2000	10/19/2000	(orig)	**285**	27.10	547	512	**865**	**3540**	4430	-	**9.38**	20.10
	WG-MW-8-02/16/2001	2/16/2001	(orig)	**255**	21.20	446	425	**-**	**-**	6640	-	**9.51**	20.80
	WG-MW-8-08/09/2001	8/9/2001	(orig)	**239**	24.50	430	442	**969**	**4010**	4260	-	**9.66**	20.90
	WG-MW-8-03/17/2002	3/17/2002	(orig)	**229**	<20	345	306	**-**	**-**	8050	-	**9.35**	22.40
	WG-MW-8-DUP-03/17/2002	3/17/2002	(duplicate)	**174**	<20	262	216	**-**	**-**	-	-	**-**	-
	WG-MW-8-08/06/2002	8/6/2002	(orig)	**120**	49	290	210	**670**	**3700**	5990	-	**9.26**	23.30
	WG-MW-8-DUP-08/06/2002	8/6/2002	(duplicate)	**150**	14	260	280	**830**	**-**	-	-	**-**	-
	WG-MW-8-01/16/2003	1/16/2003	(orig)	**140**	12	270	270	**1000**	**3700**	6500	-	**9.26**	22.50
	WG-MW-8-10/15/2003	10/15/2003	(orig)	**180**	20	340	320	**-**	**-**	7704	-	**9.32**	20.62
	WG-MW-8-05/27/2004	5/27/2004	(orig)	**190**	24	340	360	**550**	**2500**	3960	-	**9.34**	20.60
	WG-MW-8-11/11/2004	11/11/2004	(orig)	**140**	14	240	250	**-**	**-**	3850	-	**9.59**	20.00
	WG-MW-8-04/14/2005	4/14/2005	(orig)	**270**	29	200	450	**1100**	**4200**	-	-	**-**	-
	WG-MW-8-12/01/2005	12/1/2005	(orig)	**140**	13	200	230	**-**	**-**	3590	-	**9.51**	19.40
	WG-MW-8-DUP-12/01/2005	12/1/2005	(duplicate)	**170**	17	240	280	**-**	**-**	-	-	**-**	-
	WG-MW-8-05/09/2006	5/9/2006	(orig)	**160**	<5	350	240	**520**	**2500**	3824	-	**9.58**	21.30
	WG-MW-8-12/12/2006	12/12/2006	(orig)	**160**	14	330	310	**-**	**-**	4040	-	**9.67**	19.90
	WG-MW-8-06/19/2007	6/19/2007	(orig)	**260**	25	290	460	**610**	**2500**	6189	-	**9.19**	21.20
	WG-MW-8-12/06/2007	12/6/2007	(orig)	**230**	23	380	430	**-**	**-**	5676	-	**10.34**	20.20
	WG-MW-8-DUP-12/06/2007	12/6/2007	(duplicate)	**180**	16	290	300	**-**	**-**	-	-	**-**	-
	WG-MW-8-05/21/2008	5/21/2008	(orig)	**140**	12	240	260	**500**	**2000**	4534	-	**9.25**	21.10
	WG-MW-8-12/10/2008	12/10/2008	(orig)	**270**	28	100	450	**-**	**-**	7008	-	**9.22**	18.50
	WG-MW-8-DUP-12/10/2008	12/10/2008	(duplicate)	**210**	19	240	350	**-**	**-**	-	-	**-**	-
	WG-MW-8-05/01/2009	5/1/2009	(orig)	**230**	23	140	420	**780**	**3100**	3885	-	**9.28**	21.20
	WG-MW-8-01/28/2010	1/28/2010	(orig)	**100**	<10	190	180	**-**	**-**	5869	-	**9.45**	19.20
	WG-MW-8-11/17/2010	11/17/2010	(orig)	**110**	12	210	230	**680**	**2560**	3636	-	**9.52**	20.20
	WG-MW-8-05/18/2011	5/18/2011	(orig)	**150**	15	230	280	**-**	**-**	4527	-	**9.53**	21.50
	WG-MW-8-DUP-05/18/2011	5/18/2011	(duplicate)	**210**	18	130	380	**-**	**-**	-	-	**-**	-
	WG-MW-8-12/12/2011	12/12/2011	(orig)	**86**	8.00	150	160	**830**	**3110**	3545	-	**9.53**	19.60
	WG-MW-8-04/24/12	4/24/2012	(orig)	**150**	16	190	280	**-**	**-**	3700	-	**9.39**	21.50
	WG-MW-8-10/17/2012	10/17/2012	(orig)	**260**	21	30	**650**	**850**	**2990**	3430	-	**9.41**	20.70
	WG-MW-8-05/09/13	5/9/2013	(orig)	**72**	7.70	110	140	**-**	**-**	3374	-	**9.74**	20.40
	WG-MW-8-12/19/2013	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**									
	GW-086232-051115-CM-MW-8	5/11/2015	(orig)	**71**	6.30	74	110	**770**	**2610**	4390	-390.0	8.31	23.00
	GW-086232-111015-CK-MW-8	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 Parameters Summary
Transwestern Pipeline Company
Bell Lake Gas Plant
Lea County, New Mexico

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-9	WG-MW-9-12/12/1995	12/12/1995	(orig)	<200	<200	241	383	**4500**	**11700**	14520	-	7.17	23.20
	WG-MW-9-02/21/1996	2/21/1996	(orig)	**331**	<200	662	<200	**4200**	**11000**	-	-	-	-
	WG-MW-9-05/16/1996	5/16/1996	(orig)	**460**	<200	450	**1650**	-	-	17580	-	6.93	30.10
	WG-MW-9-08/14/1996	8/14/1996	(orig)	**250**	<50	340	**800**	-	-	11640	-	-	26.80
	WG-MW-9-11/14/1996	11/14/1996	(orig)	**240**	28	410	**780**	-	-	-	-	8.72	23.20
	WG-MW-9-02/08/1997	2/8/1997	(orig)	**250**	<100	480	**930**	**4750**	**10800**	17700	-	7.50	18.90
	WG-MW-9-08/08/1997(Kabis)	8/8/1997	(orig)	**210**	39	650	**650**	**5050**	-	-	-	-	-
	WG-MW-9-08/09/1997	8/9/1997	(orig)	**490**	<100	**810**	**1100**	**4450**	**11400**	17080	-	7.20	25.90
	WG-MW-9-02/25/1998	2/25/1998	(orig)	**251**	<50	693	**845**	**5730**	**10900**	19960	-	7.21	19.40
	WG-MW-9-08/04/1998	8/4/1998	(orig)	**190**	28	460	**680**	**4960**	**10900**	-	-	7.31	22.30
	WG-MW-9-02/11/1999	2/11/1999	(orig)	**230**	25	510	580	**3400**	**10700**	17460	-	7.25	20.10
	WG-MW-9-DUP-02/11/1999	2/11/1999	(duplicate)	**240**	25	520	**640**	**4600**	-	-	-	-	-
	WG-MW-9-08/11/1999	8/11/1999	(orig)	**210**	20	430	560	**4600**	**10400**	16650	-	7.34	21.50
	WG-MW-9-02/14/2000	2/14/2000	(orig)	**190**	32	280	**670**	-	-	16600	-	7.35	21.10
	WG-MW-9-10/19/2000	10/19/2000	(orig)	**240**	28.90	108	**711**	-	-	14880	-	7.38	20.90
	WG-MW-9-10/19/2000-1Wellvol	10/19/2000	(orig)	**196**	21.80	52.50	521	**5020**	**9750**	-	-	-	-
	WG-MW-9-DUP-10/19/2000	10/19/2000	(duplicate)	**223**	31.80	142	**759**	**4530**	-	-	-	-	-
	WG-MW-9-02/15/2001	2/15/2001	(orig)	**176**	25.70	85.90	**638**	-	-	16150	-	7.41	20.90
	WG-MW-9-02/15/2001-1WellVol	2/15/2001	(orig)	**156**	17.60	31.70	448	-	-	-	-	-	-
	WG-MW-9-DUP-02/15/2001	2/15/2001	(duplicate)	**186**	28.50	84.40	**673**	-	-	-	-	-	-
	WG-MW-9-08/09/2001	8/9/2001	(orig)	**176**	22.80	50.80	534	**4850**	**10200**	15180	-	7.29	21.30
	WG-MW-9-03/17/2002	3/17/2002	(orig)	**197**	<100	<100	466	-	-	17130	-	7.27	22.80
	WG-MW-9-08/06/2002	8/6/2002	(orig)	**220**	53	45	530	**4500**	**9800**	14810	-	7.20	21.40
	WG-MW-9-01/16/2003	1/16/2003	(orig)	**260**	23	94	**700**	**4000**	**9100**	16050	-	7.25	22.80
	WG-MW-9-10/15/2003	10/15/2003	(orig)	**240**	32	200	**690**	-	-	15490	-	7.27	21.30
	WG-MW-9-DUP-10/15/2003	10/15/2003	(duplicate)	**250**	32	160	**700**	-	-	-	-	-	-
	WG-MW-9-05/27/2004	5/27/2004	(orig)	**250**	34	110	**660**	**3300**	**8800**	14600	-	7.10	20.60
	WG-MW-9-DUP-05/27/2004	5/27/2004	(duplicate)	**250**	33	77	**650**	**3300**	-	-	-	-	-
	WG-MW-9-11/11/2004	11/11/2004	(orig)	**270**	28	81	**670**	-	-	12540	-	7.20	18.80
	WG-MW-9-04/14/2005	4/14/2005	(orig)	**220**	22	140	610	**3900**	**9200**	-	-	-	-
	WG-MW-9-12/01/2005	12/1/2005	(orig)	**280**	27	78	**770**	-	-	11970	-	7.50	19.50
	WG-MW-9-05/09/2006	5/9/2006	(orig)	**410**	58	180	**1100**	**4200**	**8700**	12370	-	7.41	21.40
	WG-MW-9-DUP-05/09/2006	5/9/2006	(duplicate)	**530**	59	140	**1400**	**3500**	-	-	-	-	-
	WG-MW-9-12/12/2006	12/12/2006	(orig)	**410**	32	120	**1200**	-	-	12140	-	7.67	20.00
	WG-MW-9-06/19/2007	6/19/2007	(orig)	**290**	30	110	**860**	**3200**	**8000**	12910	-	8.24	22.10
	WG-MW-9-12/06/2007	12/6/2007	(orig)	**340**	28	15	**850**	-	-	12180	-	7.53	20.20
	WG-MW-9-05/21/2008	5/21/2008	(orig)	**230**	24	83	**740**	**2800**	**7000**	11960	-	7.85	21.90
	WG-MW-9-DUP-05/21/2008	5/21/2008	(duplicate)	**220**	23	83	**730**	**2900**	-	-	-	-	-
	WG-MW-9-12/10/2008	12/10/2008	(orig)	**240**	25	50	**730**	-	-	12220	-	7.43	18.90
	WG-MW-9-05/01/2009	5/1/2009	(orig)	**260**	26	34	**790**	**4000**	**8400**	14180	-	6.85	21.30
	WG-MW-9-01/28/2010	1/28/2010	(orig)	**240**	20	<10	**630**	-	-	10390	-	7.67	18.20
	WG-MW-9-11/18/2010	11/18/2010	(orig)	**240**	24	140	**670**	**5700**	**8660**	13920	-	7.09	20.50
	WG-MW-9-DUP-11/18/2010	11/18/2010	(duplicate)	**230**	22	150	**640**	**4800**	-	-	-	-	-
	WG-MW-9-05/18/2011	5/18/2011	(orig)	**260**	28	66	**790**	-	-	13470	-	7.27	21.20
	WG-MW-9-12/12/2011	12/12/2011	(orig)	**250**	28	48	**750**	**4700**	**7810**	12070	-	7.43	19.40
	WG-MW-9-04/24/12	4/24/2012	(orig)	**230**	26	39	**690**	-	-	9986	-	7.42	21.30
	WG-MW-9-10/17/2012	10/17/2012	(orig)	**120**	13	190	230	**2800**	**6500**	9954	-	7.30	21.40
	WG-MW-9-05/09/13	5/9/2013	(orig)	**210**	24	9.80	**670**	-	-	11400	-	7.47	20.80
	WG-MW-9-12/19/2013	12/19/2013	(orig)	**290**	25	16	**770**	**2800**	**6400**	9912	-	7.58	19.90
	GW-086232-050114-CM-MW9	5/1/2014	(orig)	**250**	24	14	**670**	**3400**	**7180**	12021	-205.0	7.07	20.67
	GW-086232-102314-SP-MW-9	10/23/2014	(orig)	**190**	22	7.70	600	**4500**	-	12000	-127.0	7.52	21.10
	GW-086232-051315-CM-MW-9	5/13/2015	(orig)	**230**	20	6.70	570	**4000**	**8810**	16600	-120.0	7.10	20.90
	GW-086232-111015-CK-MW-9	11/10/2015	(orig)	**210**	21	4.90	580	**3900**	**7670**	12302	284.1	7.30	20.40
	GW-086232-061416-SP-MW-12	6/14/2016	(orig)	**170**	19	8.40	520	**4300**	**7610**	-	-138.2	7.46	20.80
	GW-086232-120716-SP-MW-12	12/7/2016	(orig)	**230**	21	<10	550	**4800**	**8510**	12058	-217.7	7.52	19.49
	GW-086232-052417-CN-MW-9	5/24/2017	(orig)	**200**	16	<10	360	**3100**	**7300**	13042	-153.1	7.04	21.66

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-10	WG-MW-10-01/09/1998	1/9/1998	(orig)	**49**	4.30	37	71	**3600**	**5930**	-	-	**-**	-
	WG-MW-10-02/25/1998	2/25/1998	(orig)	**60.30**	<5	46.30	79	**3860**	**9150**	953	-	6.74	18.70
	WG-MW-10-08/04/1998	8/4/1998	(orig)	**56**	5.40	39	85	**3690**	**6200**	11040	-	6.81	23.80
	WG-MW-10-02/11/1999	2/11/1999	(orig)	**56**	5.00	24	89	**2900**	**5710**	9860	-	6.87	16.70
	WG-MW-10-08/11/1999	8/11/1999	(orig)	**33**	3.00	7.00	32	**3000**	**5220**	9320	-	6.88	20.80
	WG-MW-10-02/15/2000	2/15/2000	(orig)	**46**	4.50	9.00	32	**-**	**-**	9600	-	6.88	20.50
	WG-MW-10-10/19/2000	10/19/2000	(orig)	**21.90**	1.57	2.70	16.10	**3480**	**-**	9060	-	6.85	20.40
	WG-MW-10-10/19/2000-1WellVol	10/19/2000	(orig)	**14.70**	<0.500	<0.500	1.50	**2560**	**6240**	-	-	**-**	-
	WG-MW-10-02/15/2001	2/15/2001	(orig)	**18.70**	1.28	2.18	18.80	**-**	**-**	10200	-	6.89	21.10
	WG-MW-10-02/15/2001-1WellVol	2/15/2001	(orig)	**14.50**	<0.500	<0.500	1.01	**-**	**-**	-	-	**-**	-
	WG-MW-10-DUP-02/15/2001	2/15/2001	(duplicate)	**16.20**	1.09	1.83	16	**-**	**-**	-	-	**-**	-
	WG-MW-10-08/09/2001	8/9/2001	(orig)	**17.80**	1.22	2.21	16.49	**3620**	**9390**	10060	-	6.85	20.50
	WG-MW-10-DUP-08/09/2001	8/9/2001	(duplicate)	**17.20**	1.21	2.17	16.52	**3770**	**-**	-	-	**-**	-
	WG-MW-10-03/16/2002	3/16/2002	(orig)	**35.40**	<0.5	7.00	26.90	**-**	**-**	11550	-	6.93	21.80
	WG-MW-10-08/06/2002	8/6/2002	(orig)	**23**	2.40	2.70	31	**2400**	**6900**	11600	-	6.94	23.30
	WG-MW-10-01/16/2003	1/16/2003	(orig)	**20**	2.40	4.10	36	**3800**	**6400**	11790	-	6.89	22.00
	WG-MW-10-10/14/2003	10/14/2003	(orig)	**22**	3.50	3.20	22	**-**	**-**	11850	-	6.82	20.70
	WG-MW-10-05/27/2004	5/27/2004	(orig)	**25**	4.50	4.50	46	**3600**	**6900**	11450	-	6.89	20.50
	WG-MW-10-11/11/2004	11/11/2004	(orig)	**30**	4.50	4.10	53	**-**	**-**	11520	-	7.21	19.60
	WG-MW-10-04/13/2005	4/13/2005	(orig)	**26**	3.10	3.20	33	**-**	**-**	-	-	**-**	-
	WG-MW-10-05/13/2005	5/13/2005	(orig)	-	**-**	**-**	**-**	**3800**	**6600**	-	-	**-**	-
	WG-MW-10-12/01/2005	12/1/2005	(orig)	**34**	3.90	3.50	45	**-**	**-**	10060	-	7.03	19.20
	WG-MW-10-05/09/2006	5/9/2006	(orig)	**33**	<1	<1	48	**3100**	**7500**	10580	-	6.93	20.30
	WG-MW-10-12/12/2006	12/12/2006	(orig)	**34**	<1	<1	51	**-**	**-**	10400	-	6.81	19.80
	WG-MW-10-06/19/2007	6/19/2007	(orig)	**34**	4.50	1.60	52	**3900**	**7600**	10850	-	6.85	20.70
	WG-MW-10-12/06/2007	12/6/2007	(orig)	**40**	5.90	3.60	85	**-**	**-**	10350	-	6.75	20.00
	WG-MW-10-05/21/2008	5/21/2008	(orig)	**36**	5.30	2.00	69	**3700**	**7300**	9611	-	7.64	20.90
	WG-MW-10-12/09/2008	12/9/2008	(orig)	**38**	5.70	2.60	67	**-**	**-**	9994	-	6.95	18.80
	WG-MW-10-05/01/2009	5/1/2009	(orig)	**35**	6.00	3.80	75	**4100**	**7000**	11570	-	6.59	20.90
	WG-MW-10-01/28/2010	1/28/2010	(orig)	**40**	6.80	<5	100	**-**	**-**	9956	-	7.08	19.20
	WG-MW-10-11/18/2010	11/18/2010	(orig)	**37**	6.00	<5	80	**4200**	**7280**	11680	-	6.57	20.50
	WG-MW-10-05/18/2011	5/18/2011	(orig)	**43**	8.20	<5	100	**-**	**-**	11250	-	7.03	21.30
	WG-MW-10-12/12/2011	12/12/2011	(orig)	**45**	7.90	<5	91	**3600**	**6900**	11090	-	7.06	18.90
	WG-MW-10-04/24/12	4/24/2012	(orig)	**43**	8.40	<5	72	**-**	**-**	9955	-	6.88	21.70
	WG-MW-10-10/17/2012	10/17/2012	(orig)	**31**	5.60	1.20	22	**3600**	**6520**	9722	-	6.75	21.00
	WG-MW-10-05/09/13	5/9/2013	(orig)	**40**	7.10	1.40	28	**-**	**-**	10220	-	6.78	20.20
	WG-MW-10-12/19/2013	12/19/2013	(orig)	**46**	7.50	<1.0	25	**3000**	**6390**	10000	-	7.03	19.20
	GW-086232-050114-CM-MW10	5/1/2014	(orig)	**27**	4.00	<1.0	<1.5	**3200**	**6200**	10189	-132.6	6.90	19.32
	GW-086232-102214-SP-MW-10	10/22/2014	(orig)	**32**	5.00	<1.0	5.40	**3900**	**-**	10300	-139.0	7.50	20.80
	GW-086232-051315-CM-MW-10	05/13/2015	(orig)	**29**	4.30	<1.0	<1.5	**3500**	**6090**	11500	-124.0	6.96	21.60
	GW-086232-111015-CK-MW-10	11/10/2015	(orig)	**23**	2.80	<1.0	<1.5	**3700**	**6020**	9188	282.1	6.95	20.22
	GW-086232-111617-SP-MW-10	11/16/2017	(orig)	9	1.00	<1.0	<1.5	**3200**	**-**	10091	-135.6	7.08	19.58

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-11	WG-MW-11-01/10/1998	1/10/1998	(orig)	**360**	19	320	490	**3500**	**6760**	-	-	**-**	-
	WG-MW-11-02/25/1998	2/25/1998	(orig)	**466**	23.70	439	570	**4650**	**10800**	13670	-	6.61	18.70
	WG-MW-11-08/04/1998	8/4/1998	(orig)	**490**	32	590	**650**	**5140**	**9400**	14570	-	6.67	21.30
	WG-MW-11-02/11/1999	2/11/1999	(orig)	**610**	31	610	**670**	**4600**	**9620**	15560	-	6.65	19.70
	WG-MW-11-08/10/1999	8/10/1999	(orig)	-	**-**	**-**	**-**	**4900**	**9090**	-	-	**-**	-
	WG-MW-11-08/11/1999	8/11/1999	(orig)	**430**	30	370	**640**	**-**	**-**	14950	-	6.71	21.10
	WG-MW-11-02/14/2000	2/14/2000	(orig)	**440**	38	280	**620**	**-**	**-**	14730	-	6.76	20.70
	WG-MW-11-10/19/2000	10/19/2000	(orig)	**453**	29.10	197	**652**	**3060**	**-**	13470	-	6.81	20.50
	WG-MW-11-10/19/2000-1WellVol	10/19/2000	(orig)	**445**	27.20	166	582	**4280**	**8960**	-	-	**-**	-
	WG-MW-11-02/16/2001	2/16/2001	(orig)	**505**	26.30	165	**686**	**-**	**-**	14090	-	6.74	20.90
	WG-MW-11-02/16/2001-1WellVol	2/16/2001	(orig)	**410**	20.40	102	542	**-**	**-**	-	-	**-**	-
	WG-MW-11-DUP-02/16/2001	2/16/2001	(duplicate)	**559**	30.50	155	**753**	**-**	**-**	-	-	**-**	-
	WG-MW-11-08/09/2001	8/9/2001	(orig)	**190**	13.70	80	291	**4630**	**11100**	12950	-	6.78	20.80
	WG-MW-11-03/17/2002	3/17/2002	(orig)	**436**	<50	60	428	**-**	**-**	13650	-	6.84	22.10
	WG-MW-11-08/06/2002	8/6/2002	(orig)	**420**	55	41	520	**2600**	**8300**	13430	-	6.85	23.20
	WG-MW-11-01/16/2003	1/16/2003	(orig)	**380**	19	48	400	**4100**	**7800**	13250	-	6.76	22.50
	WG-MW-11-DUP-01/16/2003	1/16/2003	(duplicate)	**360**	25	62	500	**3400**	**-**	-	-	**-**	-
	WG-MW-11-10/14/2003	10/14/2003	(orig)	**420**	31	44	570	**-**	**-**	13210	-	6.84	20.40
	WG-MW-11-05/27/2004	5/27/2004	(orig)	**360**	33	50	550	**3900**	**7900**	14900	-	6.80	19.70
	WG-MW-11-11/11/2004	11/11/2004	(orig)	**470**	32	40	**650**	**-**	**-**	11930	-	7.11	19.60
	WG-MW-11-DUP-11/11/2004	11/11/2004	(duplicate)	**450**	32	39	**630**	**-**	**-**	-	-	**-**	-
	WG-MW-11-04/13/2005	4/13/2005	(orig)	**420**	27	30	570	**4400**	**7900**	-	-	**-**	-
	WG-MW-11-11/30/2005	11/30/2005	(orig)	**410**	28	34	610	**-**	**-**	11550	-	6.75	20.20
	WG-MW-11-05/09/2006	5/9/2006	(orig)	**500**	46	64	**730**	**3800**	**8300**	11171	-	6.85	20.90
	WG-MW-11-12/12/2006	12/12/2006	(orig)	**630**	40	52	**940**	**-**	**-**	11250	-	6.66	19.40
	WG-MW-11-06/19/2007	6/19/2007	(orig)	**420**	30	38	**670**	**3900**	**7800**	12200	-	6.83	21.30
	WG-MW-11-DUP-06/19/2007	6/19/2007	(duplicate)	**620**	46	60	**990**	**4100**	**-**	-	-	**-**	-
	WG-MW-11-12/06/2007	12/6/2007	(orig)	**400**	29	32	600	**-**	**-**	10930	-	6.71	20.00
	WG-MW-11-DUP-12/06/2007	12/6/2007	(duplicate)	**370**	26	27	550	**-**	**-**	-	-	**-**	-
	WG-MW-11-05/21/2008	5/21/2008	(orig)	**460**	35	38	**840**	**3800**	**7800**	10370	-	7.48	21.00
	WG-MW-11-12/09/2008	12/9/2008	(orig)	**430**	32	37	**720**	**-**	**-**	10860	-	6.83	17.90
	WG-MW-11-05/01/2009	5/1/2009	(orig)	**360**	30	30	**670**	**4300**	**7900**	12570	-	6.52	20.90
	WG-MW-11-DUP-05/01/2009	5/1/2009	(duplicate)	**380**	30	31	**700**	**4600**	**-**	-	-	**-**	-
	WG-MW-11-01/28/2010	1/28/2010	(orig)	**330**	24	23	560	**-**	**-**	10800	-	7.02	19.00
	WG-MW-11-DUP-01/28/2010	1/28/2010	(duplicate)	**300**	21	19	500	**-**	**-**	-	-	**-**	-
	WG-MW-11-11/18/2010	11/18/2010	(orig)	**430**	33	75	**750**	**4900**	**8200**	13740	-	6.82	21.60
	WG-MW-11-05/18/2011	5/18/2011	(orig)	**520**	44	55	**1000**	**-**	**-**	12980	-	6.89	20.90
	WG-MW-11-12/12/2011	12/12/2011	(orig)	**410**	32	22	**730**	**4600**	**7690**	12630	-	6.91	18.20
	WG-MW-11-04/24/12	4/24/2012	(orig)	**440**	37	29	**820**	**-**	**-**	13410	-	6.95	20.80
	WG-MW-11-10/16/2012	10/16/2012	(orig)	**460**	34	<10	**770**	**4400**	**8340**	10860	-	6.45	20.20
	WG-MW-11-05/08/2013	5/8/2013	(orig)	**300**	24	<10	560	**-**	**-**	11520	-	6.76	20.60
	WG-MW-11-12/19/2013	12/19/2013	(orig)	**450**	36	<5.0	**860**	**3800**	**7700**	11672	-	6.85	19.60
	GW-086232-043014-CM-MW11	4/30/2014	(orig)	**260**	17	<10	380	**3800**	**7480**	11631	-112.1	6.99	19.46
	GW-086232-102114-SP-MW-11	10/21/2014	(orig)	**300**	26	<5.0	530	**4100**	**-**	11600	-99.0	7.51	20.40
	GW-086232-051215-CM-MW-11	5/12/2015	(orig)	**340**	26	1.10	570	**4200**	**7730**	13850	-105.0	8.60	19.20
	GW-086232-111015-CK-MW-11	11/10/2015	(orig)	**290**	24	<1.0	410	**4100**	**7490**	11206	385.1	6.83	20.21

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-12	WG-MW-12-01/10/1998	1/10/1998	(orig)	<0.5	<0.5	<0.5	<0.5	180	413	-	-	-	-
	WG-MW-12-02/24/1998	2/24/1998	(orig)	<5	<5	<5	<5	77.3	362	547	-	7.67	20.60
	WG-MW-12-08/04/1998	8/4/1998	(orig)	<1	<1	<1	<1	80	340	617	-	7.67	21.30
	WG-MW-12-02/10/1999	2/10/1999	(orig)	<1	<1	<1	<1	93	390	659	-	7.61	21.30
	WG-MW-12-08/10/1999	8/10/1999	(orig)	<2	<2	<2	<2	110	400	686	-	7.65	20.90
	WG-MW-12-02/15/2000	2/15/2000	(orig)	<1	<1	<1	<1	-	-	737	-	7.64	20.60
	WG-MW-12-10/19/2000	10/19/2000	(orig)	<0.500	<0.500	<0.500	<1.00	156	508	748	-	7.55	20.30
	WG-MW-12-02/15/2001	2/15/2001	(orig)	<0.500	<0.500	<0.500	<1.00	-	-	821	-	7.60	21.00
	WG-MW-12-08/09/2001	8/9/2001	(orig)	<1	<1	<1	<2	171	816	839	-	7.43	20.80
	WG-MW-12-03/16/2002	3/16/2002	(orig)	<1	<1	13.00	<1	-	-	1030	-	7.54	21.90
	WG-MW-12-08/06/2002	8/6/2002	(orig)	<0.50	<0.50	<0.50	<0.50	230	710	1083	-	7.52	23.00
	WG-MW-12-01/15/2003	1/15/2003	(orig)	0.77	<0.50	<0.50	<0.50	**250**	720	1190	-	7.46	22.70
	WG-MW-12-10/14/2003	10/14/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1369	-	7.29	19.70
	WG-MW-12-05/26/2004	5/26/2004	(orig)	2.90	<0.50	<0.50	1.80	**300**	840	1707	-	7.29	21.30
	WG-MW-12-11/11/2004	11/11/2004	(orig)	4.60	<0.50	<0.50	2.00	-	-	1506	-	7.89	17.90
	WG-MW-12-04/13/2005	4/13/2005	(orig)	3.50	<0.50	<0.50	1.30	**390**	860	-	-	-	-
	WG-MW-12-11/30/2005	11/30/2005	(orig)	4.40	<0.50	<0.50	1.50	-	-	1555	-	7.25	20.00
	WG-MW-12-05/09/2006	5/9/2006	(orig)	3.90	<1	<1	<1	**460**	**1200**	1612	-	7.26	20.50
	WG-MW-12-12/12/2006	12/12/2006	(orig)	3.80	<1	<1	<3	-	-	1885	-	6.95	19.90
	WG-MW-12-06/19/2007	6/19/2007	(orig)	3.70	<1	<1	<2	**610**	**1300**	1961	-	6.85	20.70
	WG-MW-12-12/06/2007	12/6/2007	(orig)	3.30	<1	<1	<2	-	-	1971	-	6.99	19.90
	WG-MW-12-05/21/2008	5/21/2008	(orig)	2.80	<1	<1	<2	**650**	**1500**	1911	-	7.69	20.60
	WG-MW-12-12/09/2008	12/9/2008	(orig)	3.00	<1	<1	<2	-	-	2207	-	7.08	18.50
	WG-MW-12-05/01/2009	5/1/2009	(orig)	1.20	<1	<1	<2	**860**	**1700**	2762	-	6.58	20.50
	WG-MW-12-01/27/2010	1/27/2010	(orig)	<1	<1	<1	<2	-	-	2452	-	6.87	20.00
	WG-MW-12-11/17/2010	11/17/2010	(orig)	<1	<1	<1	<2	**1100**	**1980**	3035	-	6.97	19.90
	WG-MW-12-05/18/2011	5/18/2011	(orig)	<1	<1	<1	<2	-	-	3519	-	6.73	21.20
	WG-MW-12-12/12/2011	12/12/2011	(orig)	<1	<1	<1	<2	**1100**	**2400**	3480	-	6.87	17.10
	WG-MW-12-04/24/12	4/24/2012	(orig)	<1	<1	<1	<2	-	-	3653	-	6.92	20.70
	WG-MW-12-10/16/2012	10/16/2012	(orig)	<1	<1	<1	<2	**1100**	**2320**	3209	-	6.48	20.70
	WG-MW-12-05/08/2013	5/8/2013	(orig)	<1	<1	<1	<2	-	-	3725	-	6.73	21.80
	WG-MW-12-12/19/2013	12/19/2013	(orig)	<1	<1	<1	<2	**1400**	**2800**	4144	-	6.43	20.00
	GW-086232-043014-CM-MW12	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**2950**	4233	-33.3	7.33	18.29
	GW-086232-102114-SP-MW-12	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	**1600**	-	5210	42.0	7.01	20.20
	GW-086232-051215-CM-MW-12	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1800**	**3570**	5390	6.0	8.43	17.30
	GW-086232-111115-CK-MW-12	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1800**	**3430**	4811	702.0	6.81	18.97
	GW-086232-061416-SP-MW-12	6/14/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**2000**	**4470**	-	-36.7	7.70	20.70
	GW-086232-120716-SP-MW-12	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1800**	**4500**	5892	-154.1	6.92	19.37
	GW-086232-052517-CN-MW-12	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**2000**	**4580**	5767	-74.7	6.63	24.03
	GW-086232-111517-SP-MW-12	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**2100**	**3950**	6263	-56.4	6.71	21.38

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-13	WG-MW-13-12/15/1999	12/15/1999	(orig)	<1	<2	<2	<4	**1600**	**2700**	-	-	**-**	-
	WG-MW-13-02/14/2000	2/14/2000	(orig)	<1	<1	<1	1.30	**-**	**-**	4900	-	6.83	20.40
	WG-MW-13-10/19/2000	10/19/2000	(orig)	<0.500	<0.500	<0.500	<1.00	**1540**	**3320**	4620	-	6.82	19.70
	WG-MW-13-02/15/2001	2/15/2001	(orig)	<0.500	<0.500	<0.500	<1.00	**-**	**-**	5070	-	6.79	21.00
	WG-MW-13-08/09/2001	8/9/2001	(orig)	<1	<1	<1	<2	**1590**	**5450**	4820	-	6.69	20.80
	WG-MW-13-03/16/2002	3/16/2002	(orig)	<1	<1	<1	<1	**-**	**-**	5430	-	6.79	21.00
	WG-MW-13-08/06/2002	8/6/2002	(orig)	<0.50	<0.50	<0.50	<0.50	**1000**	**3600**	5300	-	6.80	23.20
	WG-MW-13-01/15/2003	1/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	**1500**	**3100**	5290	-	6.80	22.50
	WG-MW-13-10/14/2003	10/14/2003	(orig)	<0.50	0.97	<0.50	<0.50	**-**	**-**	5264	-	6.59	20.50
	WG-MW-13-05/26/2004	5/26/2004	(orig)	-	**-**	**-**	**-**	**1600**	**3200**	-	-	**-**	-
	WG-MW-13-06/26/2004	6/26/2004	(orig)	<0.50	1.50	<0.50	<0.50	**-**	**-**	5926	-	6.59	21.00
	WG-MW-13-11/11/2004	11/11/2004	(orig)	<0.50	1.30	<0.50	<0.50	**-**	**-**	4903	-	7.04	19.50
	WG-MW-13-04/13/2005	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	**1500**	**2900**	-	-	**-**	-
	WG-MW-13-11/30/2005	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	**-**	**-**	4298	-	6.66	20.00
	WG-MW-13-05/09/2006	5/9/2006	(orig)	<1	2.00	<1	<1	**1400**	**3300**	4295	-	6.59	20.20
	WG-MW-13-12/12/2006	12/12/2006	(orig)	<1	<1	<1	<3	**-**	**-**	4352	-	6.54	19.80
	WG-MW-13-06/19/2007	6/19/2007	(orig)	<1	<1	<1	<2	**1500**	**3200**	4434	-	6.28	20.70
	WG-MW-13-12/06/2007	12/6/2007	(orig)	<1	<1	<1	<2	**-**	**-**	4377	-	6.80	19.70
	WG-MW-13-05/21/2008	5/21/2008	(orig)	<1	<1	<1	<2	**1700**	**3300**	4003	-	7.51	21.00
	WG-MW-13-12/09/2008	12/9/2008	(orig)	<1	<1	<1	<2	**-**	**-**	4198	-	6.69	17.80
	WG-MW-13-05/01/2009	5/1/2009	(orig)	<1	<1	<1	<2	**1600**	**3100**	5040	-	6.14	20.90
	WG-MW-13-01/27/2010	1/27/2010	(orig)	<1	<1	<1	<2	**-**	**-**	4450	-	6.63	20.00
	WG-MW-13-11/16/2010	11/16/2010	(orig)	<5	<5	<5	<10	**1600**	**3360**	4859	-	6.62	20.10
	WG-MW-13-05/18/2011	5/18/2011	(orig)	<1	<1	<1	<2	**-**	**-**	5125	-	6.54	20.60
	WG-MW-13-12/12/2011	12/12/2011	(orig)	<1	<1	<1	<2	**1500**	**3460**	5081	-	6.46	19.20
	WG-MW-13-04/24/12	4/24/2012	(orig)	<1	<1	<1	<2	**-**	**-**	5171	-	6.80	21.00
	WG-MW-13-10/16/2012	10/16/2012	(orig)	<1	<1	<1	<2	**1700**	**3360**	4541	-	6.23	21.70
	WG-MW-13-05/07/13	5/7/2013	(orig)	<1	<1	<1	<2	**-**	**-**	4931	-	6.15	20.70
	WG-MW-13-12/19/2013	12/19/2013	(orig)	<1	<1	<1	<2	**1600**	**3270**	4769	-	6.37	20.00
	GW-086232-043014-CM-MW13	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3310**	4782	-118.7	6.44	20.96
	GW-086232-102114-SP-MW-13	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	**1600**	**-**	4930	-68.0	7.23	20.30
	GW-086232-051215-CM-MW-13	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1500**	**3230**	5090	-145.0	8.30	19.80
	GW-086232-111115-CK-MW-13	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3040**	4396	518.2	6.59	19.92
	GW-086232-061416-SP-MW-13	6/14/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1500**	**3460**	-	-83.8	6.82	20.70
	GW-086232-120616-SP-MW-13	12/6/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1600**	**3300**	4668	-191.7	6.76	19.41
	GW-086232-052417-CN-MW-13	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3500**	4608	-149.9	6.51	21.08
	GW-086232-111517-SP-MW-13	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3180**	4881	-129.0	6.64	20.37

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-14	WG-MW-14-12/14/2002	12/14/2002	(orig)	<0.50	<0.50	<0.50	<0.50	140	**1900**	-	-	**-**	-
	WG-MW-14-01/05/2003	1/5/2003	(orig)	-	**-**	**-**	**-**	150	**2100**	-	-	**-**	-
	WG-MW-14-01/15/2003	1/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	**-**	**-**	2780	-	6.78	22.70
	WG-MW-14-10/14/2003	10/14/2003	(orig)	<0.50	<0.50	<0.50	<0.50	**-**	**-**	2701	-	6.60	20.10
	WG-MW-14-05/27/2004	5/27/2004	(orig)	<0.50	<0.50	<0.50	<0.50	150	**1900**	2500	-	6.68	20.50
	WG-MW-14-11/11/2004	11/11/2004	(orig)	<0.50	<0.50	<0.50	<0.50	**-**	**-**	2558	-	7.26	19.10
	WG-MW-14-04/13/2005	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	160	**1800**	-	-	**-**	-
	WG-MW-14-11/30/2005	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	**-**	**-**	2185	-	6.77	20.00
	WG-MW-14-05/09/2006	5/9/2006	(orig)	<1	<1	<1	<1	170	**1900**	2361	-	6.68	21.60
	WG-MW-14-12/12/2006	12/12/2006	(orig)	<1	<1	<1	<3	**-**	**-**	2320	-	6.77	19.70
	WG-MW-14-06/19/2007	6/19/2007	(orig)	<1	<1	<1	<2	160	**1900**	2415	-	6.72	21.60
	WG-MW-14-12/06/2007	12/6/2007	(orig)	<1	<1	<1	<2	**-**	**-**	2255	-	6.52	19.80
	WG-MW-14-05/22/2008	5/22/2008	(orig)	<1	<1	<1	<2	140	**1800**	1853	-	7.20	20.90
	WG-MW-14-12/10/2008	12/10/2008	(orig)	<1	<1	<1	<2	**-**	**-**	2150	-	6.89	19.00
	WG-MW-14-05/01/2009	5/1/2009	(orig)	<1	<1	<1	<2	170	**1800**	2490	-	6.17	21.30
	WG-MW-14-01/27/2010	1/27/2010	(orig)	<1	<1	<1	<2	**-**	**-**	2050	-	6.72	19.60
	WG-MW-14-11/17/2010	11/17/2010	(orig)	<1	<1	<1	<2	150	**1630**	2204	-	6.81	20.00
	WG-MW-14-05/18/2011	5/18/2011	(orig)	<1	<1	<1	<2	**-**	**-**	2394	-	6.67	21.00
	WG-MW-14-12/12/2011	12/12/2011	(orig)	<1	<1	<1	<2	130	**1620**	2194	-	6.91	18.70
	WG-MW-14-04/24/12	4/24/2012	(orig)	<1	<1	<1	<2	**-**	**-**	2321	-	6.71	20.70
	WG-MW-14-10/17/2012	10/17/2012	(orig)	<1	<1	<1	<2	150	**1570**	2268	-	6.90	20.80
	WG-MW-14-05/09/13	5/9/2013	(orig)	<1	<1	<1	<2	**-**	**-**	2101	-	6.46	20.40
	WG-MW-14-12/19/2013	12/19/2013	(orig)	<1	<1	<1	<2	140	**1560**	2060	-	6.66	20.00
	GW-086232-043014-CM-MW14	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	130	**1510**	2064	-93.9	6.69	20.41
	GW-086232-102114-SP-MW-14	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	120	**-**	2230	103.0	6.97	20.20
	GW-086232-051215-CM-MW-14	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	130	**1490**	2340	41.0	8.64	20.50
	GW-086232-111015-CK-MW-14	11/10/2015	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1370**	1900	524.6	6.81	19.99
	GW-086232-061516-SP-MW-14	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1490**	-	61.4	7.05	20.90
	GW-086232-120716-SP-MW-14	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1510**	2150	-43.3	6.58	19.22
	GW-086232-052617-CN-MW-14	5/26/2017	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1560**	2017	-108.6	6.71	21.29
	GW-086232-111417-SP-MW-14	11/14/2017	(orig)	<1.0	<1.0	<1.0	<1.5	120	**1580**	2251	194.3	6.82	21.81

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-15	WG-MW-15-12/14/2002	12/14/2002	(orig)	0.51	1.30	0.64	<0.50	**1600**	**3400**	-	-	-	-
	WG-MW-15-01/15/2003	1/15/2003	(orig)	<0.50	1.60	<0.50	0.52	**1600**	**3400**	5750	-	6.71	22.70
	WG-MW-15-10/14/2003	10/14/2003	(orig)	<0.50	2.50	<0.50	<0.50	-	-	5540	-	6.54	20.20
	WG-MW-15-05/26/2004	5/26/2004	(orig)	0.52	2.80	<0.50	1.20	**1600**	**3600**	6654	-	6.52	21.00
	WG-MW-15-11/11/2004	11/11/2004	(orig)	<0.50	2.40	<0.50	<0.50	-	-	5763	-	6.88	19.10
	WG-MW-15-04/13/2005	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	**1700**	**3300**	-	-	-	-
	WG-MW-15-11/30/2005	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	4905	-	6.60	20.00
	WG-MW-15-05/09/2006	5/9/2006	(orig)	<1	3.10	<1	<1	**1600**	**3800**	4762	-	6.64	20.60
	WG-MW-15-12/12/2006	12/12/2006	(orig)	<1	<1	<1	<3	-	-	4895	-	6.48	19.80
	WG-MW-15-06/19/2007	6/19/2007	(orig)	<1	<1	<1	<2	**1600**	**3400**	4794	-	6.46	21.40
	WG-MW-15-12/06/2007	12/6/2007	(orig)	<1	<1	<1	<2	-	-	4948	-	6.50	20.00
	WG-MW-15-05/21/2008	5/21/2008	(orig)	<1	<1	<1	<2	**1600**	**3600**	4254	-	7.54	20.70
	WG-MW-15-12/09/2008	12/9/2008	(orig)	<1	<1	<1	<2	-	-	4435	-	6.64	17.60
	WG-MW-15-05/01/2009	5/1/2009	(orig)	<1	<1	<1	<2	**1800**	**3300**	5234	-	6.17	21.00
	WG-MW-15-01/27/2010	1/27/2010	(orig)	<10	<10	<10	<20	-	-	4340	-	6.63	20.00
	WG-MW-15-11/16/2010	11/16/2010	(orig)	<10	<10	<10	<20	**1600**	**3180**	4687	-	6.67	19.80
	WG-MW-15-05/18/2011	5/18/2011	(orig)	<1	<1	<1	<2	-	-	5495	-	6.53	21.10
	WG-MW-15-12/12/2011	12/12/2011	(orig)	<1	<1	<1	<2	**1500**	**3510**	4900	-	6.74	18.10
	WG-MW-15-04/24/12	4/24/2012	(orig)	<1	<1	<1	<2	-	-	5648	-	6.72	21.00
	WG-MW-15-10/16/2012	10/16/2012	(orig)	<1	<1	<1	<2	**1600**	**3290**	4414	-	6.34	20.30
	WG-MW-15-05/07/13	5/7/2013	(orig)	<1	<1	<1	<2	-	-	5085	-	6.16	21.30
	WG-MW-15-12/19/2013	12/19/2013	(orig)	<1	<1	<1	<2	**1500**	**3220**	4877	-	6.48	19.90
	GW-086232-043014-CM-MW15	4/30/2014	(orig)	<1.0	<1.0	<1.0	2.10	**1400**	**3330**	4927	-154.2	6.70	19.85
	GW-086232-102114-SP-MW-15	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	**1800**	-	5150	-55.0	7.41	20.80
	GW-086232-051215-CM-MW-15	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3460**	5560	-84.0	8.82	20.00
	GW-086232-111115-CK-MW-15	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	**1600**	**3280**	4591	577.1	6.55	19.57
	GW-086232-061516-SP-MW-15	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1400**	**3400**	-	-57.5	6.65	20.90
	GW-086232-120716-SP-MW-15	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	**1500**	**3460**	5143	-140.9	6.74	19.25
	GW-086232-052517-CN-MW-15	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3120**	4505	-38.6	6.50	21.63
	GW-086232-111517-SP-MW-15	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**1300**	**3340**	5155	-32.1	6.68	21.64
MW-16	WG-MW-16-12/14/2002	12/14/2002	(orig)	<0.50	<0.50	<0.50	<0.50	120	840	-	-	-	-
	WG-MW-16-01/15/2003	1/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	120	840	1309	-	7.52	22.40
	WG-MW-16-10/14/2003	10/14/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1423	-	7.13	20.40
	WG-MW-16-05/26/2004	5/26/2004	(orig)	-	-	-	-	150	**1000**	-	-	-	-
	WG-MW-16-06/26/2004	6/26/2004	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1749	-	7.07	20.80
	WG-MW-16-11/11/2004	11/11/2004	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1590	-	7.55	19.20
	WG-MW-16-04/13/2005	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	160	**1100**	-	-	-	-
	WG-MW-16-12/01/2005	12/1/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	1427	-	7.19	19.50
	WG-MW-16-04/09/2006	4/9/2006	(orig)	-	-	-	-	160	**1200**	-	-	-	-
	WG-MW-16-05/09/2006	5/9/2006	(orig)	<1	<1	<1	<1	-	-	1529	-	7.07	20.30
	WG-MW-16-12/12/2006	12/12/2006	(orig)	<1	<1	<1	<3	-	-	1618	-	6.94	19.60
	WG-MW-16-06/19/2007	6/19/2007	(orig)	<1	<1	<1	<2	180	**1300**	1676	-	6.82	21.20
	WG-MW-16-12/06/2007	12/6/2007	(orig)	<1	<1	<1	<2	-	-	1612	-	7.01	19.50
	WG-MW-16-05/21/2008	5/21/2008	(orig)	<1	<1	<1	<2	180	**1300**	1711	-	7.74	21.00
	WG-MW-16-12/09/2008	12/9/2008	(orig)	<1	<1	<1	<2	-	-	1540	-	7.09	18.50
	WG-MW-16-05/01/2009	5/1/2009	(orig)	<1	<1	<1	<2	210	**1200**	1830	-	6.66	21.10
	WG-MW-16-01/27/2010	1/27/2010	(orig)	<1	<1	<1	<2	-	-	1656	-	6.93	20.00
	WG-MW-16-11/16/2010	11/16/2010	(orig)	<1	<1	<1	<2	230	**1310**	1786	-	7.00	2.20
	WG-MW-16-05/18/2011	5/18/2011	(orig)	<1	<1	<1	<2	-	-	1947	-	6.93	20.50
	WG-MW-16-12/12/2011	12/12/2011	(orig)	<1	<1	<1	<2	230	**1330**	1976	-	6.76	18.20
	WG-MW-16-04/24/12	4/24/2012	(orig)	<1	<1	<1	<2	-	-	1909	-	7.09	21.10
	WG-MW-16-10/16/2012	10/16/2012	(orig)	<1	<1	<1	<2	210	**1330**	1846	-	6.90	21.00
	WG-MW-16-05/07/13	5/7/2013	(orig)	<1	<1	<1	<2	-	-	1859	-	6.55	21.60
	WG-MW-16-12/19/2013	12/19/2013	(orig)	<1	<1	<1	<2	210	**1360**	1783	-	6.49	20.10
	GW-086232-043014-CM-MW16	4/30/2014	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1260**	1774	-96.9	7.02	20.73
	GW-086232-102114-SP-MW-16	10/21/2014	(orig)	<1.0	<1.0	<1.0	<2.0	210	-	1870	108.0	7.17	20.50
	GW-086232-051215-CM-MW-16	5/12/2015	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1240**	1940	110.0	8.39	16.90
	GW-086232-111115-CK-MW-16	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	180	**1200**	1615	680.4	7.06	19.83
	GW-086232-061516-SP-MW-16	6/15/2016	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1330**	-	110.0	6.75	20.90
	GW-086232-120616-SP-MW-16	12/6/2016	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1320**	1705	-6.1	7.17	18.95
	GW-086232-052517-CN-MW-16	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	200	**1230**	1674	-13.8	6.75	20.91
	GW-086232-111417-SP-MW-16	11/14/2017	(orig)	<1.0	<1.0	<1.0	<1.5	190	**1190**	1775	152.3	6.99	20.51

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
MW-17	GW-086232-052417-CN-MW-17	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**430**	**1230**	1653	-31.9	7.22	19.92
	GW-086232-111517-SP-MW-17	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**390**	**1200**	1847	206.7	**7..49**	23.36
MW-18	GW-086232-052417-CN-MW-18	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	5.5	305	427	-61.7	7.47	20.81
	GW-086232-111517-SP-MW-18	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	11	300	442	53.1	7.73	21.28
MW-19	GW-086232-052417-CN-MW-19	5/24/2017	(orig)	<1.0	<1.0	1.80	5.70	46	580	1350	-89.6	7.63	20.61
	GW-086232-111517-SP-MW-19	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	50	356	567	40.3	7.68	20.20
MW-20R	GW-086232-052417-CN-MW-20	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**330**	**1150**	1489	-67.9	6.93	19.57
	GW-086232-111617-SP-MW-20	11/16/2017	(orig)	<1.0	<1.0	<1.0	<1.5	**290**	**-**	1517	19.0	7.31	19.66
MW-21	GW-086232-052417-CN-MW-21	5/24/2017	(orig)	<1.0	<1.0	<1.0	<1.5	<5.0	304	425	-76.2	7.29	19.56
	GW-086232-111517-SP-MW-21	11/15/2017	(orig)	<1.0	<1.0	<1.0	<1.5	<5.0	270	428	67.7	7.74	19.91
SVE-2	WG-SVE-2-12/13/1995	12/13/1995	(orig)	<200	<200	231	202	**1500**	**2670**	5820	-	**9.50**	21.40
	WG-SVE-2-02/20/1996	2/20/1996	(orig)	**133**	<2	191	72	**495**	**2410**	4750	-	**9.05**	22.00
	WG-SVE-2-10/17/2000	10/17/2000	(orig)	1.72	<0.500	<0.500	3.19	**532**	**2390**	3190	-	7.28	21.90
	WG-SVE-2-02/16/2001	2/16/2001	(orig)	1.76	<0.500	1.12	4.16	**-**	**-**	3930	-	7.74	23.80
	WG-SVE-2-08/08/2001	8/8/2001	(orig)	1.62	<1	<1	<2	**597**	**2610**	2870	-	7.37	23.10
	WG-SVE-2-03/17/2002	3/17/2002	(orig)	1.10	<1	1.50	<1	**-**	**-**	3750	-	7.52	24.40
	WG-SVE-2-08/06/2002	8/6/2002	(orig)	2.80	<0.50	2.90	0.51	**610**	**2700**	3630	-	7.31	24.30
	WG-SVE-2-01/15/2003	1/15/2003	(orig)	0.89	<0.50	0.79	0.66	**390**	**2400**	3670	-	7.51	25.20
	WG-SVE-2-10/15/2003	10/15/2003	(orig)	2.70	<0.50	1.20	0.94	**-**	**-**	5777	-	**9.13**	23.30
	WG-SVE-2-05/27/2004	5/27/2004	(orig)	6.0	<0.50	4.00	2.20	**590**	**2300**	3241	-	7.20	22.10
	WG-SVE-2-11/10/2004	11/10/2004	(orig)	0.88	<0.50	<0.50	<0.50	**-**	**-**	3795	-	7.92	22.70
	WG-SVE-2-04/13/2005	4/13/2005	(orig)	**39**	1.20	59.00	13	**530**	**2200**	2990	-	7.79	23.00
	WG-SVE-2-11/30/2005	11/30/2005	(orig)	1.10	<0.50	<0.50	<0.50	**-**	**-**	2360	-	7.35	22.40
	WG-SVE-2-05/09/2006	5/9/2006	(orig)	2.40	<1	1.10	<3	**430**	**1600**	2454	-	7.24	23.00
	WG-SVE-2-12/13/2006	12/13/2006	(orig)	1.10	<1	<1	<3	**-**	**-**	1988	-	7.04	22.20
	WG-SVE-2-06/20/2007	6/20/2007	(orig)	5.10	<1	2.10	<2	**380**	**1400**	2099	-	7.36	22.70
	WG-SVE-2-12/05/2007	12/5/2007	(orig)	2.60	<1	<1	<2	**-**	**-**	1970	-	**-**	22.20
	WG-SVE-2-05/20/2008	5/20/2008	(orig)	**50**	<1	61	19	**660**	**2100**	1987	-	8.05	22.60
	WG-SVE-2-12/09/2008	12/9/2008	(orig)	5.20	<1	<1	<2	**-**	**-**	1579	-	7.45	20.60
	WG-SVE-2-04/30/2009	4/30/2009	(orig)	**16**	<1	14	4.60	**1300**	**3100**	2000	-	7.04	22.40
	WG-SVE-2-01/28/2010	1/28/2010	(orig)	7.50	<1	2.70	<2	**-**	**-**	5205	-	**9.93**	21.40
	WG-SVE-2-11/16/2010	11/16/2010	(orig)	**21**	<1	19.00	6.30	**930**	**2150**	3687	-	8.36	21.40
	WG-SVE-2-05/18/2011	5/18/2011	(orig)	**11**	<1	3.10	4.30	**-**	**-**	3668	-	7.78	22.30
	WG-SVE-2-12/12/2011	12/12/2011	(orig)	**11**	<1	5.80	3.40	**1300**	**3880**	2126	-	7.83	20.60
	WG-SVE-2-04/23/2012	4/23/2012	(orig)	9.30	<1	2.20	2.70	**-**	**-**	1530	-	6.83	22.50
	WG-SVE-2-10/17/2012	10/17/2012	(orig)	6.90	<1	2.30	<2	**420**	**1190**	1845	-	7.98	22.30
	WG-SVE-2-05/08/2013	5/8/2013	(orig)	2.80	<1	<1	<2	**-**	**-**	1669	-	8.12	22.60
	WG-SVE-2-12/18/2013	12/18/2013	(orig)	3.20	<1	<1	<2	**400**	**1170**	1730	-	7.25	21.70
	GW-086232-050214-CM-S-2	5/2/2014	(orig)	9.90	<1.0	8.30	3.90	**830**	**2420**	3590	-261.6	**9.44**	23.17
	GW-086232-102314-SP-S2	10/23/2014	(orig)	**62**	<1.0	77.00	21	**3200**	**-**	3090	-238.0	**9.23**	22.40
	GW-086232-051315-CM-S-2	05/13/2015	(orig)	5.1	<1.0	3.30	<1.5	**1200**	**3710**	3620	-233.0	**9.73**	22.50
	GW-086232-051315-CM-DUP2	05/13/2015	(duplicate)	6.0	<1.0	3.50	<1.5	**-**	**-**	**-**	**-**	**-**	**-**
	GW-086232-111015-CK-S-2	11/10/2015	(orig)	6.4	<1.0	4.50	<1.5	**510**	**1550**	3117	152.9	**9.61**	21.60
	GW-086232-111015-CK-DUP1	11/10/2015	(duplicate)	5.9	<1.0	4.00	<1.5	**-**	**-**	**-**	**-**	**-**	**-**
SVE-3	GW-086232-050214-CM-S-3	5/2/2014	(orig)	3.0	<1.0	<1.0	<1.5	**320**	**1110**	-	-	**-**	-
	GW-086232-102414-SP-S3	10/24/2014	(orig)	3.2	<1.0	<1.0	<2.0	**380**	**-**	2070	-181.0	7.30	21.80
	GW-086232-051215-CM-S-3	5/12/2015	(orig)	6.1	<1.0	<1.0	<1.5	**460**	**1360**	2960	-167.0	8.91	20.40
	GW-086232-111115-CK-S-3	11/11/2015	(orig)	6.0	<1.0	<1.0	<1.5	**450**	**1190**	3978	374.2	8.09	19.70
	GW-086232-061416-SP-SVE-3	6/14/2016	(orig)	8.4	<5.0	<5.0	<7.5	**730**	**1760**	-	-173.1	7.34	21.50
	GW-086232-120616-SP-SVE-3	12/6/2016	(orig)	**13**	<10	<10	<15	**730**	**1750**	2810	-246.0	7.85	20.01
	GW-086232-120616-SP-SVE-3	12/6/2016	(duplicate)	**15**	<10	<10	<15	**620**	**1600**	2810	-246.0	7.85	20.01
	GW-086232-052317-CN-SVE-3	5/26/2017	(orig)	5.2	<1.0	<1.0	<1.5	**330**	**1120**	1900	-220.2	7.20	19.86
	GW-086232-111617-SP-SVE-3	11/16/2017	(orig)	4.3	<1.0	<1.0	<1.5	**370**	**1120**	1982	-179.7	7.49	21.43

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-5	WG-SVE-5-10/18/2000	10/18/2000	(orig)	**754**	158	**2010**	**3150**	**4010**	**12000**	-	-	**-**	-
	WG-SVE-5-02/16/2001	2/16/2001	(orig)	**166**	48.40	508	**1210**	**-**	**-**	-	-	**-**	-
	WG-SVE-5-08/08/2001	8/8/2001	(orig)	**917**	114	**2590**	**3228**	**6010**	**17700**	-	-	**-**	-
	WG-SVE-5-03/16/2002	3/16/2002	(orig)	**1110**	<200	**1770**	**1920**	**-**	**-**	-	-	**-**	-
	WG-SVE-5-08/06/2002	8/6/2002	(orig)	**300**	80	**1100**	**1400**	**4100**	**13000**	16000	-	8.59	24.60
	WG-SVE-5-01/14/2003	1/14/2003	(orig)	**570**	130	**1800**	**2900**	**8600**	**17000**	-	-	**-**	-
	WG-SVE-5-10/15/2003	10/15/2003	(orig)	**700**	150	**2500**	**4700**	**-**	**-**	-	-	**-**	-
	WG-SVE-5-05/26/2004	5/26/2004	(orig)	**550**	110	**1700**	**1900**	**2500**	**16000**	16150	-	**9.72**	24.30
	WG-SVE-5-11/11/2004	11/11/2004	(orig)	**580**	96	**1800**	**2000**	**-**	**-**	12180	-	**9.80**	21.30
	WG-SVE-5-04/13/2005	4/13/2005	(orig)	**370**	63	**1100**	**1400**	**3400**	**11000**	15740	-	**9.69**	23.40
	WG-SVE-5-11/30/2005	11/30/2005	(orig)	**250**	51	580	**1000**	**-**	**-**	12880	-	**9.55**	22.50
	WG-SVE-5-05/09/2006	5/9/2006	(orig)	**1000**	<20	670	**3000**	**3900**	**12000**	11410	-	**9.36**	23.80
	WG-SVE-5-12/13/2006	12/13/2006	(orig)	**250**	<50	700	**960**	**-**	**-**	16490	-	**10.01**	22.20
	WG-SVE-5-06/19/2007	6/19/2007	(orig)	**400**	66	**1100**	**1500**	**2700**	**8600**	17060	-	**10.15**	23.20
	WG-SVE-5-DUP-06/19/2007	6/19/2007	(duplicate)	**420**	72	**1200**	**1500**	**2500**	**-**	-	-	**-**	-
	WG-SVE-5-12/05/2007	12/5/2007	(orig)	**560**	84	**1600**	**1900**	**-**	**-**	15700	-	**-**	22.20
	WG-SVE-5-05/20/2008	5/20/2008	(orig)	**640**	86	**1800**	**2100**	**4500**	**15000**	14430	-	**9.55**	23.00
	WG-SVE-5-DUP-05/20/2008	5/20/2008	(duplicate)	**550**	74	**1800**	**1700**	**3800**	**-**	-	-	**-**	-
	WG-SVE-5-12/09/2008	12/9/2008	(orig)	**400**	52	**1200**	**1400**	**-**	**-**	11660	-	**9.45**	21.00
	WG-SVE-5-04/30/2009	4/30/2009	(orig)	**500**	69	**1500**	**1700**	**4300**	**13000**	16100	-	**9.40**	22.40
	WG-SVE-5-01/27/2010	1/27/2010	(orig)	**310**	43	**850**	**980**	**-**	**-**	16300	-	**9.98**	21.90
	WG-SVE-5-11/16/2010	11/16/2010	(orig)	**490**	68	**1600**	**1600**	**3800**	**11000**	11720	-	**9.37**	20.50
	WG-SVE-5-05/17/11	5/17/2011	(orig)	**160**	29	420	540	**-**	**-**	10960	-	8.97	23.00
	WG-SVE-5-12/12/2011	12/12/2011	(orig)	**400**	55	**1100**	**1200**	**4100**	**10100**	14270	-	**9.73**	19.20
	WG-SVE-5-04/23/2012	4/23/2012	(orig)	**430**	63	**1100**	**1300**	**-**	**-**	11210	-	**9.23**	23.10
	WG-SVE-5-10/17/2012	10/17/2012	(orig)	**470**	73	**1700**	**1700**	**3500**	**10900**	15940	-	**9.80**	22.40
	WG-SVE-5-05/08/2013	5/8/2013	(orig)	**330**	44	**990**	**1100**	**-**	**-**	10240	-	**9.15**	23.20
	WG-SVE-5-12/18/2013	12/18/2013	(orig)	**520**	58	**1500**	**1500**	**3600**	**14200**	15827	-	**10.11**	21.60
	GW-086232-050114-CM-S-5	5/1/2014	(orig)	**260**	35	740	**750**	**2400**	**8940**	12456	-375.5	**9.21**	19.08
	GW-086232-102414-SP-S5	10/24/2014	(orig)	**480**	52	**1100**	**1400**	**4000**	**-**	17200	-351.0	**10.47**	23.20
	GW-086232-051415-CM-S-5	5/14/2015	(orig)	**250**	27	700	**620**	**2700**	**9770**	14500	-493.0	**9.71**	24.50
	GW-086232-061516-SP-SVE-5	6/15/2016	(orig)	**360**	<50	**1000**	**1100**	**4000**	**12800**	-	-360.2	**10.13**	23.50
	GW-086232-120616-SP-SVE-5	12/6/2016	(orig)	**390**	<50	**1100**	**1100**	**3700**	**12700**	8551	-343.6	**10.82**	20.88
	GW-086232-052317-CN-SVE-5	5/23/2017	(orig)	**200**	25	520	450	**2200**	**7060**	9510	-314.8	**9.74**	21.05
	GW-086232-111617-SP-SVE-5	11/16/2017	(orig)	**280**	33	**790**	**650**	**3400**	**10600**	10091	-135.6	7.08	19.58

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-6	WG-SVE-6-10/18/2000	10/18/2000	(orig)	**125**	28.30	322	**652**	**2080**	**8170**	-	-	**-**	-
	WG-SVE-6-02/16/2001	2/16/2001	(orig)	**143**	29.70	337	**943**	**-**	**-**	6920	-	**-**	-
	WG-SVE-6-08/08/2001	8/8/2001	(orig)	**102**	6.09	218	276	**1800**	**9250**	8040	-	**10.36**	22.50
	WG-SVE-6-03/16/2002	3/16/2002	(orig)	**119**	<5	264	256	**-**	**-**	8730	-	**10.42**	23.80
	WG-SVE-6-08/05/2002	8/5/2002	(orig)	**230**	87	710	470	**-**	**-**	8210	-	8.46	23.10
	WG-SVE-6-08/06/2002	8/6/2002	(orig)	-	**-**	**-**	**-**	**960**	**8200**	-	-	**-**	-
	WG-SVE-6-01/15/2003	1/15/2003	(orig)	**180**	65	440	380	**1900**	**10000**	13920	-	**10.42**	24.10
	WG-SVE-6-10/15/2003	10/15/2003	(orig)	**57**	11	140	92	**-**	**-**	9851	-	**9.53**	22.50
	WG-SVE-6-05/26/2004	5/26/2004	(orig)	**81**	17	200	190	**1100**	**6800**	9150	-	**9.60**	23.10
	WG-SVE-6-11/11/2004	11/11/2004	(orig)	**230**	35	570	420	**-**	**-**	7250	-	**9.82**	20.70
	WG-SVE-6-04/13/2005	4/13/2005	(orig)	**100**	12	250	200	**1400**	**7600**	8900	-	**10.19**	22.20
	WG-SVE-6-11/30/2005	11/30/2005	(orig)	**160**	18	340	210	**-**	**-**	7628	-	**9.41**	20.80
	WG-SVE-6-05/08/2006	5/8/2006	(orig)	**420**	<10	**2000**	**1000**	**-**	**-**	9026	-	**9.82**	24.20
	WG-SVE-6-05/09/2006	5/9/2006	(orig)	-	**-**	**-**	**-**	**1600**	**8900**	-	-	**-**	-
	WG-SVE-6-12/12/2006	12/12/2006	(orig)	**260**	<10	610	330	**-**	**-**	6416	-	8.80	21.50
	WG-SVE-6-DUP-12/12/2006	12/12/2006	(duplicate)	**260**	<10	600	330	**-**	**-**	-	-	**-**	-
	WG-SVE-6-06/19/2007	6/19/2007	(orig)	**300**	16.00	**750**	470	**1700**	**9000**	8817	-	**9.57**	23.50
	WG-SVE-6-12/05/2007	12/5/2007	(orig)	**200**	<10	450	260	**-**	**-**	10000	-	**-**	21.30
	WG-SVE-6-05/20/2008	5/20/2008	(orig)	**170**	<10	370	170	**-**	**-**	8473	-	**9.43**	22.00
	WG-SVE-6-05/21/2008	5/21/2008	(orig)	-	**-**	**-**	**-**	**1500**	**7700**	-	-	**-**	-
	WG-SVE-6-12/09/2008	12/9/2008	(orig)	**69**	<10	150	97	**-**	**-**	8098	-	**9.57**	20.10
	WG-SVE-6-04/30/2009	4/30/2009	(orig)	**180**	<10	400	130	**1800**	**8500**	9893	-	**9.65**	22.90
	WG-SVE-6-01/27/2010	1/27/2010	(orig)	**130**	<10	270	130	**-**	**-**	10620	-	**10.42**	21.90
	WG-SVE-6-11/16/2010	11/16/2010	(orig)	**91**	<10	190	86	**1900**	**8710**	5348	-	**10.03**	21.50
	WG-SVE-6-05/17/11	5/17/2011	(orig)	**150**	<5	320	140	**-**	**-**	5955	-	**9.92**	22.90
	WG-SVE-6-12/12/2011	12/12/2011	(orig)	**200**	<5	400	220	**1800**	**8120**	9009	-	**10.04**	19.30
	WG-SVE-6-04/23/2012	4/23/2012	(orig)	**190**	<10	370	180	**-**	**-**	8505	-	**9.89**	21.00
	WG-SVE-6-10/17/2012	10/17/2012	(orig)	**150**	<10	300	130	**1800**	**7440**	9680	-	**10.16**	21.70
	WG-SVE-6-05/08/2013	5/8/2013	(orig)	**89**	<10	200	100	**-**	**-**	7227	-	**9.94**	22.90
	WG-SVE-6-12/19/2013	12/19/2013	(orig)	**210**	7.50	450	190	**1900**	**8560**	8607	-	**10.26**	21.10
	GW-086232-050214-CM-S-6	5/2/2014	(orig)	**62**	<5.0	130	59	**1100**	**5860**	8117	-329.4	**9.15**	21.75
	GW-086232-102414-SP-S6	10/24/2014	(orig)	**58**	<5.0	120	64	**1500**	**-**	-	-	**-**	-
	GW-086232-051315-CM-S-6	5/13/2015	(orig)	**21**	<5.0	48	21	**1000**	**4940**	7510	-259.0	8.09	22.80
	GW-086232-111115-CK-S-6	11/11/2015	(orig)	**27**	<1.0	58	21	**840**	**4300**	5902	262.5	9.00	20.61
	GW-086232-111115-CK-S-6	11/11/2015	(duplicate)	**26**	<1.0	52	20	**-**	-	-	**-**	-	-
	GW-086232-061616-SP-SVE-6	6/16/2016	(orig)	**52**	1.80	110	41	**1300**	**6410**	-	**-270.7**	9.4	22.60
	GW-086232-120616-SP-SVE-6	12/6/2016	(orig)	**66**	<5	120	45	**1300**	**5340**	7231.0	**-310.7**	9.7	19.01
	GW-086232-052317-CN-SVE-6	5/23/2017	(orig)	**19**	<2.0	31	8.70	960	**4480**	6344.0	**-255.8**	9.2	20.26
	GW-086232-111617-SP-SVE-6	11/16/2017	(orig)	**12**	<1.0	17	4.20	820	**4480**	6368.1	**-240.2**	8.9	23.82

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-7	WG-SVE-7-10/17/2000	10/17/2000	(orig)	6.16	<0.500	0.94	2.01	**1450**	**3360**	8170	-	7.95	22.10
	WG-SVE-7-02/16/2001	2/16/2001	(orig)	7.66	<0.500	0.85	1.98	-	-	8020	-	8.13	20.90
	WG-SVE-7-08/08/2001	8/8/2001	(orig)	**22.6**	1.43	3.99	13.61	**2060**	**4340**	9950	-	7.93	21.80
	WG-SVE-7-03/16/2002	3/16/2002	(orig)	8.3	<5	<5	<5	-	-	12680	-	7.95	23.70
	WG-SVE-7-08/05/2002	8/5/2002	(orig)	3.4	<0.50	<0.50	<0.50	**2100**	**4900**	6240	-	7.37	22.60
	WG-SVE-7-01/15/2003	1/15/2003	(orig)	4.1	<0.50	<0.50	<0.50	**1300**	**3500**	6310	-	8.16	22.40
	WG-SVE-7-10/15/2003	10/15/2003	(orig)	4.7	<0.50	<0.50	1.30	-	-	8076	-	7.78	22.40
	WG-SVE-7-05/27/2004	5/27/2004	(orig)	7.0	<0.50	0.75	1.80	**1300**	**3400**	7070	-	7.84	22.00
	WG-SVE-7-11/10/2004	11/10/2004	(orig)	3.0	<0.50	<0.50	<0.50	-	-	9294	-	7.80	21.60
	WG-SVE-7-04/13/2005	4/13/2005	(orig)	**14**	0.53	1.20	3.90	**2200**	**4800**	6320	-	7.80	22.10
	WG-SVE-7-11/30/2005	11/30/2005	(orig)	**21**	0.74	3.90	8.00	-	-	5567	-	7.76	21.80
	WG-SVE-7-05/10/2006	5/10/2006	(orig)	6.8	<1	<1	<3	**1300**	**3700**	6604	-	7.62	21.80
	WG-SVE-7-12/13/2006	12/13/2006	(orig)	**16**	<1	1.00	<3	-	-	6034	-	7.59	21.40
	WG-SVE-7-06/20/2007	6/20/2007	(orig)	5.7	<1	<1	<2	**1400**	**3400**	7339	-	7.53	22.00
	WG-SVE-7-12/05/2007	12/5/2007	(orig)	2.8	<1	<1	<2	-	-	5703	-	-	21.30
	WG-SVE-7-05/22/2008	5/22/2008	(orig)	4.3	<1	<1	<2	**1500**	**3800**	5979	-	8.40	21.60
	WG-SVE-7-12/09/2008	12/9/2008	(orig)	8.0	<1	<1	<2	-	-	5315	-	7.63	19.90
	WG-SVE-7-04/30/2009	4/30/2009	(orig)	7.5	<1	<1	<2	**1000**	**2600**	6370	-	7.38	22.10
	WG-SVE-7-01/28/2010	1/28/2010	(orig)	<1	<1	<1	<2	-	-	8837	-	8.50	20.70
	WG-SVE-7-11/17/2010	11/17/2010	(orig)	<10	<10	<10	<20	**1100**	**3500**	7164	-	8.01	20.50
	WG-SVE-7-05/18/2011	5/18/2011	(orig)	5.3	<1	<1	<2	-	-	8672	-	8.77	21.90
	WG-SVE-7-12/12/2011	12/12/2011	(orig)	**19**	<1	2.40	4.80	**1800**	**4420**	6870	-	7.96	20.10
	WG-SVE-7-04/23/2012	4/23/2012	(orig)	**16**	<1	1.80	3.90	-	-	8578	-	8.78	21.60
	WG-SVE-7-10/17/2012	10/17/2012	(orig)	**25**	<1	3.20	5.40	**2400**	**5070**	7424	-	8.64	21.80
	WG-SVE-7-05/08/2013	5/8/2013	(orig)	**22**	<1	4.00	6.70	-	-	5654	-	8.43	21.40
	WG-SVE-7-12/19/2013	12/19/2013	(orig)	**26**	<1	5.30	7.30	**2400**	**5440**	8042	-	**9.05**	20.10
	GW-086232-050214-CM-S-7	5/2/2014	(orig)	**18**	<1.0	2.80	3.80	**1800**	**3940**	5748	-266.2	8.50	22.48
	GW-086232-050214-CM-DUP	5/2/2014	(duplicate)	**16**	<1.0	2.30	2.20	**1500**	**3560**	-	-	-	-
	GW-086232-102414-SP-S7	10/24/2014	(orig)	**24**	<1.0	5.60	7.50	**2900**	-	8980	-249.0	**9.19**	21.70
	GW-086232-051315-CM-S-7	5/13/2015	(orig)	8.1	<1.0	<1.0	<1.5	**1100**	**2610**	4840	-148.0	8.18	21.40
	GW-086232-051315-CM-DUP1	5/13/2015	(duplicate)	8.5	<1.0	<1.0	<1.5	-	-	-	-	-	-
	GW-086232-111215-CK-S-7	11/12/2015	(orig)	6.9	<1.0	<1.0	<1.5	**920**	**2400**	3658	547.9	7.60	20.20

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
SVE-11	WG-SVE-11-11/14/1996(SVETank)	11/14/1996	(orig)	6.2	45	150	140	-	-	-	-	-	-
	WG-SVE-11-10/18/2000	10/18/2000	(orig)	**552**	47	**1680**	**920**	**2660**	**10600**	19500	-	**10.22**	21.20
	WG-SVE-11-02/16/2001	2/16/2001	(orig)	**497**	83.60	**1670**	**1180**	-	-	14540	-	-	20.70
	WG-SVE-11-08/08/2001	8/8/2001	(orig)	**468**	53.10	**1780**	**1123**	**2790**	**10500**	15840	-	**10.12**	21.90
	WG-SVE-11-03/16/2002	3/16/2002	(orig)	**721**	<200	**1410**	**897**	-	-	1672	-	**10.21**	23.70
	WG-SVE-11-08/06/2002	8/6/2002	(orig)	**530**	100	**1800**	**1100**	**2200**	**12000**	13510	-	**9.24**	23.20
	WG-SVE-11-01/15/2003	1/15/2003	(orig)	**170**	36	540	340	**1000**	**4800**	-	-	-	-
	WG-SVE-11-10/15/2003	10/15/2003	(orig)	**280**	41	**1100**	**670**	-	-	13770	-	**10.11**	22.40
	WG-SVE-11-05/27/2004	5/27/2004	(orig)	**520**	77	**1600**	**1100**	**2500**	**11000**	11890	-	**10.20**	22.80
	WG-SVE-11-11/11/2004	11/11/2004	(orig)	**580**	82	**1800**	**1600**	-	-	11470	-	**10.30**	20.50
	WG-SVE-11-04/14/2005	4/14/2005	(orig)	**460**	57	**1400**	**960**	**2400**	**9800**	15250	-	**10.18**	21.30
	WG-SVE-11-11/30/2005	11/30/2005	(orig)	**550**	74	**1700**	**1200**	-	-	11440	-	**10.14**	21.60
	WG-SVE-11-05/09/2006	5/9/2006	(orig)	**600**	<20	**2000**	**870**	**1900**	**8800**	-	-	-	-
	WG-SVE-11-DUP-05/09/2006	5/9/2006	(duplicate)	**570**	<20	**1900**	**840**	**2200**	-	-	-	-	-
	WG-SVE-11-12/13/2006	12/13/2006	(orig)	**500**	<50	**1500**	**1100**	-	-	12730	-	**10.45**	21.80
	WG-SVE-11-06/19/2007	6/19/2007	(orig)	**310**	34	**980**	**710**	**1300**	**5600**	12660	-	**10.20**	22.10
	WG-SVE-11-12/05/2007	12/5/2007	(orig)	**560**	63	**1600**	**1300**	-	-	11190	-	-	22.70
	WG-SVE-11-05/22/2008	5/22/2008	(orig)	**500**	54	**1500**	**1200**	**1900**	**8900**	9949	-	**11.47**	22.00
	WG-SVE-11-12/09/2008	12/9/2008	(orig)	**460**	49	**1400**	**1000**	-	-	9839	-	**10.21**	19.50
	WG-SVE-11-DUP-12/09/2008	12/9/2008	(duplicate)	**440**	50	**1400**	**1000**	-	-	-	-	-	-
	WG-SVE-11-04/30/2009	4/30/2009	(orig)	**310**	39	**1100**	**640**	**1500**	**6200**	14660	-	**9.98**	22.40
	WG-SVE-11-DUP-04/30/2009	4/30/2009	(duplicate)	**320**	40	**1100**	**840**	**1400**	-	-	-	-	-
	WG-SVE-11-01/28/2010	1/28/2010	(orig)	**250**	31	**830**	**640**	-	-	11490	-	**10.30**	21.60
	WG-SVE-11-11/17/2010	11/17/2010	(orig)	**270**	33	**870**	**640**	**1600**	**6130**	9254	-	**10.32**	23.50
	WG-SVE-11-DUP-11/17/2010	11/17/2010	(duplicate)	**260**	30	**860**	570	**1600**	-	-	-	-	-
	WG-SVE-11-05/17/11	5/17/2011	(orig)	**160**	22	510	390	-	-	8982	-	**9.89**	22.90
	WG-SVE-11-DUP-05/17/11	5/17/2011	(duplicate)	**160**	23	530	410	-	-	-	-	-	-
	WG-SVE-11-12/12/2011	12/12/2011	(orig)	**74**	<10	220	160	**640**	**2690**	8896	-	**9.96**	20.20
	WG-SVE-11-DUP-12/12/2011	12/12/2011	(duplicate)	**70**	<10	200	150	-	-	-	-	-	-
	WG-SVE-11-04/24/12	4/24/2012	(orig)	**340**	43	**900**	**890**	-	-	8392	-	**9.93**	22.97
	WG-SVE-11-10/17/2012	10/17/2012	(orig)	**300**	38	**890**	**750**	**1600**	**5650**	7131	-	**10.12**	25.07
	WG-SVE-11-05/08/2013	5/8/2013	(orig)	**250**	28	700	610	-	-	8397	-	**10.45**	22.69
	WG-SVE-11-12/18/2013	12/18/2013	(orig)	**310**	34	**880**	**760**	**1500**	**5510**	7240	-	**9.93**	21.02
	GW-086232-050114-CM-S-11	5/1/2014	(orig)	**340**	39	**900**	**780**	**2100**	**6060**	10037	-411.6	7.33	19.72
	GW-086232-102314-SP-S11	10/23/2014	(orig)	**330**	39	**790**	**720**	**1700**	-	7910	-299.0	**9.36**	23.40
	GW-086232-051415-CM-S-11	5/14/2015	(orig)	**210**	23	410	380	**1400**	**4810**	8010	-459.0	**9.40**	24.00
	GW-086232-111115-CK-S-11	11/11/2015	(orig)	**240**	20	390	320	**1600**	**5020**	7858	185.9	8.88	21.27

Table 2

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

Well ID	Sample 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				**10**	**750**	**750**	**620**	**250**	**1000**	**NE**	**NE**	**6 - 9**	**NE**
Water Well	WG-Water Well-05/31/1995	5/31/1995	(orig)	<2	<2	<2	<2	100	900	-	-	8.20	-
	WG-Water Well-12/14/1995	12/14/1995	(orig)	<2	<2	<2	<2	106	825	1160	-	8.53	22.90
	WG-Water Well-02/21/1996	2/21/1996	(orig)	<2	<2	<2	<2	107	402	1390	-	**9.06**	23.30
	WG-Water Well-05/16/1996	5/16/1996	(orig)	<2	<2	<2	<2	-	-	1320	-	7.52	27.30
	WG-Water Well-08/14/1996	8/14/1996	(orig)	<2	<2	<2	<3	-	-	-	-	-	-
	WG-Water Well-11/14/1996	11/14/1996	(orig)	<2	<2	<2	<2	-	-	-	-	7.52	-
	WG-Water Well-02/08/1997	2/8/1997	(orig)	<2	<2	<2	<2	109	854	1200	-	8.45	20.20
	WG-Water Well-08/09/1997	8/9/1997	(orig)	<2	<2	<2	<2	**500**	840	1338	-	8.11	24.90
	WG-Water Well-02/26/1998	2/26/1998	(orig)	<5	<5	<5	<5	102	850	1221	-	7.56	20.60
	WG-Water Well-08/04/1998	8/4/1998	(orig)	<1	<1	<1	<1	113	850	1362	-	8.12	22.20
	WG-Water Well-02/11/1999	2/11/1999	(orig)	<1	<1	<1	<1	110	850	-	-	-	-
	WG-Water Well-08/11/1999	8/11/1999	(orig)	<2	<2	<2	<2	110	830	-	-	-	-
	WG-Water Well-02/15/2000	2/15/2000	(orig)	<1	<1	<1	<1	-	-	1325	-	8.18	22.30
	WG-Water Well-02/16/2001	2/16/2001	(orig)	<0.500	<0.500	<0.500	<1.00	-	-	-	-	-	-
	WG-Water Well-08/09/2001	8/9/2001	(orig)	<1	<1	<1	<2	113	966	1292	-	8.31	27.00
	WG-Water Well-03/17/2002	3/17/2002	(orig)	<1	<1	<1	<1	-	-	1310	-	8.17	23.80
	WG-Water Well-08/06/2002	8/6/2002	(orig)	<0.50	<0.50	<0.50	<0.50	99	790	-	-	-	-
	WG-Water Well-01/16/2003	1/16/2003	(orig)	<0.50	<0.50	<0.50	<0.50	100	780	1310	-	7.99	23.90
	WG-Water Well-10/15/2003	10/15/2003	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-
	WG-Water Well-05/27/2004	5/27/2004	(orig)	<0.50	<0.50	<0.50	<0.50	110	790	-	-	-	-
	WG-Water Well-11/10/2004	11/10/2004	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-
	WG-Water Well-04/13/2005	4/13/2005	(orig)	<0.50	<0.50	<0.50	<0.50	120	840	-	-	-	-
	WG-Water Well-11/30/2005	11/30/2005	(orig)	<0.50	<0.50	<0.50	<0.50	-	-	-	-	-	-
	WG-Water Well-05/08/2006	5/8/2006	(orig)	<1	<1	<1	<1	100	870	-	-	-	-
	WG-Water Well-12/12/2006	12/12/2006	(orig)	<1	<1	<1	<3	-	-	1186	-	7.97	20.30
	WG-Water Well-06/18/2007	6/18/2007	(orig)	<1	<1	<1	<2	110	840	1388	-	6.90	22.60
	WG-Water Well-12/05/2007	12/5/2007	(orig)	<1	<1	<1	<2	-	-	1221	-	-	22.20
	WG-Water Well-05/20/2008	5/20/2008	(orig)	<1	<1	<1	<2	98	820	1359	-	8.15	22.60
	WG-Water Well-12/10/2008	12/10/2008	(orig)	<1	<1	<1	<2	-	-	1359	-	8.15	22.60
	WG-Water Well-04/30/2009	4/30/2009	(orig)	<1	<1	<1	<2	120	850	-	-	-	-
	WG-Water Well-01/27/2010	1/27/2010	(orig)	<1	<1	<1	<2	-	-	1353	-	8.05	21.15
	WG-Water Well-11/17/2010	11/17/2010	(orig)	<1	<1	<1	<2	120	864	1284	-	8.05	21.29
	WG-Water Well-05/18/2011	5/18/2011	(orig)	<1	<1	<1	<2	-	-	1386	-	7.94	22.78
	WG-Water Well-12/12/2011	12/12/2011	(orig)	<1	<1	4.80	<2	110	862	1357	-	8.00	21.36
	WG-Water Well-04/23/2012	4/23/2012	(orig)	<1	<1	<1	<2	-	-	1363	-	7.57	22.85
	WG-Water Well-10/17/2012	10/17/2012	(orig)	<1	<1	<1	<2	110	893	1409	-	8.39	22.34
	WG-Water Well-05/08/2013	5/8/2013	(orig)	<1	<1	<1	<2	-	-	-	-	-	-
	WG-Water Well-12/18/2013	12/18/2013	(orig)	<1	<1	<1	<2	110	880	1346	-	7.22	21.40
	GW-086232-050114-CM-WW	5/1/2014	(orig)	<1	<1	<1	<1.5	110	881	-	-	-	-
	GW-086232-051315-CM-WW	5/13/2015	(orig)	<1.0	<1.0	<1.0	<1.5	110	890	-	-	-	-
	GW-086232-111115-CK-WW	11/11/2015	(orig)	<1.0	<1.0	<1.0	<1.5	100	850	-	-	-	-
	GW-086232-061616-SP-SW	6/16/2016	(orig)	<1.0	<1.0	<1.0	<1.5	120	898	-	-	-	-
	GW-086232-120716-SP-Well	12/7/2016	(orig)	<1.0	<1.0	<1.0	<1.5	110	866	-	-	-	-
	GW-086232-052617-CN-Tank	5/25/2017	(orig)	<1.0	<1.0	<1.0	<1.5	110	862	-	-	-	-
	GW-086232-111617-SP-WaterWell	11/16/2017	(orig)	<1.0	<1.0	<1.0	<1.5	110	869	-	-	-	-

Notes:

* = Field parameter
- = Not Analyzed
TDS = Total dissolved solids
ORP = Oxidation-reduction potential
NMWQCC = New Mexico Water Quality Control Commission
mg/L = milligrams per liter (parts per million)
< 0.001 = Below Laboratory Detection Limit of 0.001 mg/L
BOLD = Concentrations that exceed the NMWQCC groundwater quality standard

Appendices

Appendix A
Boring Logs

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-17
DATE COMPLETED: February 22, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. NELIGH

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	TOPSOIL, caliche, loose		CONCRETE	1HSA			
2							
4			2" PVC WELL CASING				
	SP-SAND, with caliche, loose	5.00					
6							
8	CALICHE, with sand, with fine to medium gravel, hard	8.00	CEMENT/ BENTONITE GROUT	2HSA			
10	- soft, increase in grain size at 10.0ft BGS						
12				3HSA			
14							
16							
18				4HSA			
20	- trace fine gravel at 20.0ft BGS						
22				5HSA			
24							
26							
28				6HSA			
30							
32				7HSA			
34	- hard at 33.0ft BGS						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 086232-WI.GPJ GHD_Corp 2/2/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-17
DATE COMPLETED: February 22, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. NELIGH

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
36							
38	- soft at 39.0ft BGS			8HSA			
40	SP-SAND, trace fine gravel, fine grained, brown, dry	40.00					
42				9HSA			
44	- no gravel at 45.0ft BGS						
46							
48				10HSA			
50	- trace fine gravel at 50.0ft BGS						
52				11HSA			
54							
56							
58				12HSA			
60							
62				13HSA			
64							
66	- no gravel at 65.0ft BGS						
68				14HSA			

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-17
DATE COMPLETED: February 22, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. NELIGH

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
72	- trace fine sandstone gravel at 70.5ft BGS		BENTONITE CHIPS	15HSA			
74							
76	- no sandstone gravel, damp at 75.0ft BGS						
78			2" PVC WELL SCREEN	16HSA			
80							
82	- wet at 81.0ft BGS		SAND PACK	81'			
84				17HSA			
86							
88				18HSA			
90							
92	END OF BOREHOLE @ 90.5ft BGS	90.50					
94							
96							
98							
100							
102							
104							

WELL DETAILS
Screened interval:
75.00 to 90.00ft BGS
Length: 15ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
70.50 to 72.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
72.00 to 90.50ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (81')

OVERBURDEN LOG 086232-WI.GPJ GHD_Corp 2/2/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-18
DATE COMPLETED: February 16, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	SP-SAND, with silt, very fine grained, brown, slightly damp	1.00	CONCRETE				
2	SP/ML-SAND/SILT, with caliche, dense, very fine grained, orangish light tan			1HSA			
4			2" PVC WELL CASING				
6	SP/ML-SAND/SILT, with caliche, dense, very fine grained, orangish light tan	5.00					
8			CEMENT/ BENTONITE GROUT	2HSA			
10	SP-SAND, with caliche, decrease in fines, very fine grained, orangish tan, moist	10.00					
12				3HSA			
14							
16							
18				4HSA			
20							
22				5HSA			
24							
26							
28				6HSA			
30							
32				7HSA			
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

OVERBURDEN LOG 086232-WI.GPJ GHD_Corp 2/2/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-18
DATE COMPLETED: February 16, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
36							
38				8HSA			
40							
42	- very dense at 43.0ft BGS			9HSA			
44							
46	- decrease in cementation, orange at 46.0ft BGS						
48				10HSA			
50							
52				11HSA			
54							
56	- little to no cementation, very fine grained, orangish light brown, damp at 55.0ft BGS						
58				12HSA			
60	- damp at 60.0ft BGS						
62				13HSA			
64							
66							
68				14HSA			

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-18
DATE COMPLETED: February 16, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
72				15HSA			
74			BENTONITE CHIPS				
76							
78	CL-SAND SILTY CLAY, lease, dense, red, slightly moist	77.00		16HSA			
80							
82	- increase in sand, decrease in clay, slightly damp at 82.5ft BGS			17HSA			
84	- clay, dry at 83.0ft BGS		2" PVC WELL SCREEN				
86	- 3" sandy lens at 86.5ft BGS			85-86.5' -004			
88			SAND PACK	18HSA			
90	- interbedded sand and clay, wet to saturated at 90.0ft BGS						
92				19HSA			
94							
96	END OF BOREHOLE @ 95.5ft BGS	95.50					
98							
100							
102							
104							

WELL DETAILS
Screened interval:
80.00 to 95.00ft BGS
Length: 15ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
73.00 to 77.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
77.00 to 95.50ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-19
DATE COMPLETED: February 15, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	SP-SAND, with silt, very fine grained, reddish brown, damp	1.00	CONCRETE				
2	SP-SAND, with silt, with caliche, dense, very fine grained, light tan/white			1HSA			
4			2" PVC WELL CASING				
6	- brown at 5.0ft BGS						
8			CEMENT/ BENTONITE GROUT	2HSA			
10							
12				3HSA			
14	- orangish light tan at 15.0ft BGS						
16							
18				4HSA			
20	- orange at 20.0ft BGS						
22				5HSA			
24							
26	- some silty very fine grained caliche nodules, orange at 25.0ft BGS						
28				6HSA			
30	- decrease in fines, decrease in cementation at 30.0ft BGS						
32				7HSA			
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (◯)

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-19
DATE COMPLETED: February 15, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
36	- very small caliche nodules, very fine grained, orange/tan at 35.0ft BGS						
38				8HSA			
40							
42				9HSA			
44	- very dense, slightly moist at 44.0ft BGS						
46							
48				10HSA			
50	SP/ML-SAND/SILT, rounded caliche nodules, very fine grained, little to no cementation, orange tan, slightly moist	50.00					
52				11HSA			
54							
56	- little to no fines, poorly graded, orangish brown, moist at 55.0ft BGS						
58				12HSA			
60							
62				13HSA			
64							
66	- few 1-3" caliche lenses, decrease in density, small seam of medium sand, wet at 65.0ft BGS						
68				14HSA			

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-19
DATE COMPLETED: February 15, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
72	- clean at 70.0ft BGS			15HSA			
74							
76	- no cementation, very fine grained, moist, some medium wet sand at 75.0ft BGS		BENTONITE CHIPS				
78				16HSA			
80	- some lean clay, very fine grained, reddish brown at 80.0ft BGS						
82				17HSA			
84			2" PVC WELL SCREEN				
86	- silty sandy clay, lean, very fine sand at 85.0ft BGS			85-86.5' -002			
88			SAND PACK	18HSA			
90							
92	- no clay, very fine silty sand, gray, saturated at 91.5ft BGS - sand at 92.5ft BGS - silty sand, with tan/reddish brown laminations at 93.2ft BGS			19HSA			
94	- interbedded lenses of very fine grained wet sand and sandy silty lean damp clay at 93.5ft BGS						
96	END OF BOREHOLE @ 95.5ft BGS	95.50					
98							
100							
102							
104							

WELL DETAILS
Screened interval:
80.00 to 95.00ft BGS
Length: 15ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
74.00 to 77.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
77.00 to 95.50ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (85-86.5' -002)

OVERBURDEN LOG 086232-WI.GPJ GHD_Corp 2/2/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-20R
DATE COMPLETED: February 22, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. NELIGH

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
0	SP-SAND, medium grained, dry		CONCRETE				
2				1HSA			
3	CALICHE/SAND, medium grained, dry	3.00					
4			2" PVC WELL CASING				
6							
8			CEMENT/ BENTONITE GROUT	2HSA			
10	- medium to fine grained, pink/tan at 10.0ft BGS						
12				3HSA			
14							
16							
18				4HSA			
20	- hard at 20.0ft BGS						
22				5HSA			
23	SP-SAND, trace fine gravel, fine grained, brown, dry	23.00					
24							
26							
28				6HSA			
30							
32				7HSA			
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (◯)

OVERBURDEN LOG 086232-WI.GPJ GHD_Corp 2/2/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-20R
DATE COMPLETED: February 22, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. NELIGH

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
36							
38				8HSA			
40							
42				9HSA			
44							
46				10HSA			
48							
50				11HSA			
52							
54							
56				12HSA			
58							
60							
62	- some fine to medium caliche gravel at 61.0ft BGS - no caliche gravel at 63.0ft BGS			13HSA			
64							
66	- no gravel at 65.0ft BGS			14HSA			
68							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (◯)

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-20R
DATE COMPLETED: February 22, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. NELIGH

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
72				15HSA			
74							
76			BENTONITE CHIPS				
78				16HSA			
80							
82				17HSA			
84	- damp at 85.0ft BGS		2" PVC WELL SCREEN				
86				85-86.5' -003			
88			SAND PACK	18HSA			
90							
92				19HSA			
94							
96	END OF BOREHOLE @ 96.5ft BGS	96.50					
98							
100							
102							
104							

WELL DETAILS
Screened interval:
81.00 to 96.00ft BGS
Length: 15ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
75.50 to 78.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
78.00 to 96.50ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-21
DATE COMPLETED: February 14, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
	SP-SAND, with silt, very fine grained, reddish brown, damp		CONCRETE				
2	SP-SAND, with caliche, very fine grained, light tan, dry	1.50		1HSA			
4			2" PVC WELL CASING				
	SP/ML-SAND/SILT, with caliche, very dense, very fine grained, orangish light tan, dry	5.00					
6							
8			CEMENT/ BENTONITE GROUT	2HSA			
10	SP-SAND, with caliche, large nodules, very fine grained, light tan, dry	10.00					
12				3HSA			
14							
	SP-SAND, with caliche, some gray/brown silt caliche laminations, slightly dense to hard, very fine grained, orangish light tan, dry	15.00					
16							
18				4HSA			
20	- decrease in density at 20.0ft BGS						
22				5HSA			
24							
	SM-SILTY SAND, very dense, very fine grained, orange/tan, dry	25.00					
26							
28				6HSA			
30	- few small rounded nodules at 30.0ft BGS						
32				7HSA			
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-21
DATE COMPLETED: February 14, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
36	SP-SAND, with caliche, some small subrounded gravel nodules, dense, very fine grained, orangish light brown, dry	35.00					
38	- very dense at 38.0ft BGS			8HSA			
40	SP-SAND, dense, very fine grained, with white powder/dust, orangish tan, slightly moist	40.00					
42				9HSA			
44	- decrease in powder at 45.0ft BGS						
46							
48				10HSA			
50	- very fine to fine grained, no fines, poorly graded, reddish brown at 50.0ft BGS						
52				11HSA			
54	- trace caliche lenses, moist at 55.0ft BGS						
56							
58				12HSA			
60							
62				13HSA			
64							
66							
68				14HSA			

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: BELL LAKE
PROJECT NUMBER: 086232
CLIENT: TRANSWESTERN PIPELINE COMPANY
LOCATION: JAL LEA COUNTY, NEW MEXICO

HOLE DESIGNATION: MW-21
DATE COMPLETED: February 14, 2017
DRILLING METHOD:
FIELD PERSONNEL: C. MATHEWS

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE
72	- 3" caliche lens at 70.0ft BGS			15HSA			
74			BENTONITE CHIPS				
76							
78				16HSA			
80				80-81' -001			
82				17HSA			
84			2" PVC WELL SCREEN				
86	- damp to wet at 85.5ft BGS						
88			SAND PACK	18HSA			
90							
92				19HSA			
94							
96	END OF BOREHOLE @ 95.5ft BGS	95.50					
98							
100							
102							
104							

WELL DETAILS
Screened interval:
80.00 to 95.00ft BGS
Length: 15ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Seal:
73.00 to 77.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
77.00 to 95.50ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (80-81' -001)

OVERBURDEN LOG 086232-WI.GPJ GHD_Corp 2/2/18

Appendix B
Soil Analytical Reports

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

February 01, 2017

Bernie Bockish
GHD
6121 Indian School Road, NE #200
Albuquerque, NM 87110
TEL: (505) 884-0672
FAX

RE: Bell Lake Gas Plant OrderNo.: 1701A67

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 1 sample(s) on 1/25/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: S-086232-012317-CN-MW-20
Project: Bell Lake Gas Plant
Collection Date: 1/23/2017 2:50:00 PM
Lab ID: 1701A67-001 **Matrix:** SOIL **Received Date:** 1/25/2017 4:38:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	34	30		mg/Kg	20	1/27/2017 3:35:15 PM	29934
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	15	9.8		mg/Kg	1	1/31/2017 9:20:04 AM	29954
Surr: DNOP	113	70-130		%Rec	1	1/31/2017 9:20:04 AM	29954
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	1/28/2017 2:32:11 AM	29912
Surr: BFB	83.6	68.3-144		%Rec	1	1/28/2017 2:32:11 AM	29912
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Benzene	ND	0.023		mg/Kg	1	1/28/2017 2:32:11 AM	29912
Toluene	ND	0.046		mg/Kg	1	1/28/2017 2:32:11 AM	29912
Ethylbenzene	ND	0.046		mg/Kg	1	1/28/2017 2:32:11 AM	29912
Xylenes, Total	ND	0.092		mg/Kg	1	1/28/2017 2:32:11 AM	29912
Surr: 4-Bromofluorobenzene	86.0	80-120		%Rec	1	1/28/2017 2:32:11 AM	29912

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701A67**

01-Feb-17

Client: GHD

Project: Bell Lake Gas Plant

Sample ID	**MB-29934**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**29934**	RunNo:	**40365**					
Prep Date:	**1/27/2017**	Analysis Date:	**1/27/2017**	SeqNo:	**1265328**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	**LCS-29934**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**29934**	RunNo:	**40365**					
Prep Date:	**1/27/2017**	Analysis Date:	**1/27/2017**	SeqNo:	**1265329**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.9	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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701A67**

01-Feb-17

Client: GHD

Project: Bell Lake Gas Plant

Sample ID **1701A67-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-086232-012317-C**	Batch ID: **29954**	RunNo: **40391**
Prep Date: **1/30/2017**	Analysis Date: **1/31/2017**	SeqNo: **1266203** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	64	9.5	47.30	15.44	102	51.6	130			
Surr: DNOP	5.6		4.730		118	70	130			

Sample ID **1701A67-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **S-086232-012317-C**	Batch ID: **29954**	RunNo: **40391**
Prep Date: **1/30/2017**	Analysis Date: **1/31/2017**	SeqNo: **1266204** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	71	9.9	49.36	15.44	112	51.6	130	10.3	20	
Surr: DNOP	5.0		4.936		102	70	130	0	0	

Sample ID **LCS-29954**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **29954**	RunNo: **40391**
Prep Date: **1/30/2017**	Analysis Date: **1/31/2017**	SeqNo: **1266205** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	106	63.8	116			
Surr: DNOP	5.3		5.000		106	70	130			

Sample ID **LCS-29963**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **29963**	RunNo: **40391**
Prep Date: **1/31/2017**	Analysis Date: **1/31/2017**	SeqNo: **1266206** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.9		5.000		98.5	70	130			

Sample ID **MB-29954**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **29954**	RunNo: **40391**
Prep Date: **1/30/2017**	Analysis Date: **1/31/2017**	SeqNo: **1266207** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		102	70	130			

Sample ID **MB-29963**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **29963**	RunNo: **40391**
Prep Date: **1/31/2017**	Analysis Date: **1/31/2017**	SeqNo: **1266208** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	11		10.00		109	70	130			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701A67**

01-Feb-17

Client: GHD

Project: Bell Lake Gas Plant

Sample ID	**MB-29867**	SampType: **MBLK**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID: **29867**			RunNo: **40357**					
Prep Date:	**1/25/2017**	Analysis Date: **1/27/2017**			SeqNo: **1264875**		Units: **%Rec**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		870		1000		87.1	68.3	144			

Sample ID	**LCS-29867**	SampType: **LCS**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID: **29867**			RunNo: **40357**					
Prep Date:	**1/25/2017**	Analysis Date: **1/27/2017**			SeqNo: **1264876**		Units: **%Rec**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB		950		1000		94.9	68.3	144			

Sample ID	**MB-29912**	SampType: **MBLK**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID: **29912**			RunNo: **40357**					
Prep Date:	**1/26/2017**	Analysis Date: **1/27/2017**			SeqNo: **1264899**		Units: **mg/Kg**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		ND	5.0								
Surr: BFB		870		1000		86.6	68.3	144			

Sample ID	**LCS-29912**	SampType: **LCS**			TestCode: **EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID: **29912**			RunNo: **40357**					
Prep Date:	**1/26/2017**	Analysis Date: **1/27/2017**			SeqNo: **1264900**		Units: **mg/Kg**			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)		24	5.0	25.00	0	96.0	74.6	123			
Surr: BFB		940		1000		94.0	68.3	144			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701A67**

01-Feb-17

Client: GHD

Project: Bell Lake Gas Plant

Sample ID	**MB-29867**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**29867**	RunNo:	**40357**					
Prep Date:	**1/25/2017**	Analysis Date:	**1/27/2017**	SeqNo:	**1264916**	Units:	**%Rec**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.91		1.000		90.9	80	120			

Sample ID	**LCS-29867**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**29867**	RunNo:	**40357**					
Prep Date:	**1/25/2017**	Analysis Date:	**1/27/2017**	SeqNo:	**1264917**	Units:	**%Rec**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		1.000		95.3	80	120			

Sample ID	**MB-29912**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**29912**	RunNo:	**40357**					
Prep Date:	**1/26/2017**	Analysis Date:	**1/27/2017**	SeqNo:	**1264938**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.91		1.000		90.6	80	120			

Sample ID	**LCS-29912**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**29912**	RunNo:	**40357**					
Prep Date:	**1/26/2017**	Analysis Date:	**1/27/2017**	SeqNo:	**1264939**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.93	0.025	1.000	0	92.7	75.2	115			
Toluene	0.87	0.050	1.000	0	86.7	80.7	112			
Ethylbenzene	0.86	0.050	1.000	0	86.1	78.9	117			
Xylenes, Total	2.6	0.10	3.000	0	87.9	79.2	115			
Surr: 4-Bromofluorobenzene	0.94		1.000		94.4	80	120			

Sample ID	**1701A67-001AMS**	SampType:	**MS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**S-086232-012317-C**	Batch ID:	**29912**	RunNo:	**40357**					
Prep Date:	**1/26/2017**	Analysis Date:	**1/27/2017**	SeqNo:	**1264941**	Units:	**mg/Kg**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	0.9950	0	96.0	61.5	138			
Toluene	0.87	0.050	0.9950	0	87.7	71.4	127			
Ethylbenzene	0.86	0.050	0.9950	0	86.0	70.9	132			
Xylenes, Total	2.6	0.10	2.985	0	86.7	76.2	123			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701A67**

01-Feb-17

Client: GHD

Project: Bell Lake Gas Plant

Sample ID	**1701A67-001AMS**	SampType:	**MS**		TestCode:	**EPA Method 8021B: Volatiles**				
Client ID:	**S-086232-012317-C**	Batch ID:	**29912**		RunNo:	**40357**				
Prep Date:	**1/26/2017**	Analysis Date:	**1/27/2017**		SeqNo:	**1264941**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		0.9950		95.9	80	120			

Sample ID	**1701A67-001AMSD**	SampType:	**MSD**		TestCode:	**EPA Method 8021B: Volatiles**				
Client ID:	**S-086232-012317-C**	Batch ID:	**29912**		RunNo:	**40357**				
Prep Date:	**1/26/2017**	Analysis Date:	**1/27/2017**		SeqNo:	**1264942**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.024	0.9615	0	96.1	61.5	138	3.31	20	
Toluene	0.86	0.048	0.9615	0	89.7	71.4	127	1.10	20	
Ethylbenzene	0.87	0.048	0.9615	0	90.8	70.9	132	2.03	20	
Xylenes, Total	2.6	0.096	2.885	0	91.5	76.2	123	1.93	20	
Surr: 4-Bromofluorobenzene	0.92		0.9615		95.9	80	120	0	0	

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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: 1701A67 | RcptNo: 1

Received by/date: AJS 1/25/17

Logged By: Andy Jansson 1/25/2017 4:38:00 PM

Completed By: Andy Jansson 1/25/17

Reviewed By: 01/25/17

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	8.4	Good	Not Present			

Chain-of-Custody Record

Client: GHD Services

Mailing Address: 6121 Indian School Rd NE #200

Phone #: 505 884 0672

email or Fax#: Bernard.Bockisch@ghd.com

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Bell Lake Gas Plant

Project #: 086232

Project Manager: Bernard Bockisch

Sampler: Charles Nelligh

On Ice: ☑ Yes ☐ No

Sample Temperature: 8.4°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 Request ID	Container Type and #	Preservative Type	HEAL No. 1701A67	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX by 8021	TPH, GRO/MRO/ORO 8015	Chlorides by 300		Air Bubbles (Y or N)
12-23-17	1450	S	S-086232-012317-CN-MW-20	1 4oz 3vf		-001												X	X	X		

Date: 12-25-17 Time: 1658 1716 Relinquished by: Charles Nelligh

Received by: Date 12/25/17 Time 1634

Date: Time: Relinquished by:

Received by: Date Time

Remarks:

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

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

February 24, 2017

Bernie Bockish
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL:
FAX

RE: Bell Lake OrderNo.: 1702908

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 4 sample(s) on 2/21/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1702908**
Date Reported: **2/24/2017**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: S-086232-021417-CM-MW-21 (
Project: Bell Lake
Collection Date: 2/14/2017 11:00:00 AM
Lab ID: 1702908-001
Matrix: SOIL
Received Date: 2/21/2017 11:34:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/22/2017 11:42:50 AM
Surr: DNOP	106	70-130		%Rec	1	2/22/2017 11:42:50 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	2/22/2017 7:24:28 PM
Surr: BFB	85.1	54-150		%Rec	1	2/22/2017 7:24:28 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.023		mg/Kg	1	2/22/2017 7:24:28 PM
Toluene	ND	0.047		mg/Kg	1	2/22/2017 7:24:28 PM
Ethylbenzene	ND	0.047		mg/Kg	1	2/22/2017 7:24:28 PM
Xylenes, Total	ND	0.093		mg/Kg	1	2/22/2017 7:24:28 PM
Surr: 4-Bromofluorobenzene	93.5	80-120		%Rec	1	2/22/2017 7:24:28 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	30		mg/Kg	20	2/22/2017 8:14:53 PM

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: S-086232-021517-CM-MW-19 (
Project: Bell Lake
Collection Date: 2/15/2017 10:45:00 AM
Lab ID: 1702908-002
Matrix: SOIL
Received Date: 2/21/2017 11:34:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	2/22/2017 12:04:25 PM
Surr: DNOP	109	70-130		%Rec	1	2/22/2017 12:04:25 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/22/2017 7:50:45 PM
Surr: BFB	90.7	54-150		%Rec	1	2/22/2017 7:50:45 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	2/22/2017 7:50:45 PM
Toluene	ND	0.049		mg/Kg	1	2/22/2017 7:50:45 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/22/2017 7:50:45 PM
Xylenes, Total	ND	0.099		mg/Kg	1	2/22/2017 7:50:45 PM
Surr: 4-Bromofluorobenzene	99.0	80-120		%Rec	1	2/22/2017 7:50:45 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	30		mg/Kg	20	2/22/2017 8:27:18 PM

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: S-086232-021617-CM-MW-20 (
Project: Bell Lake
Collection Date: 2/16/2017 9:10:00 AM
Lab ID: 1702908-003
Matrix: SOIL
Received Date: 2/21/2017 11:34:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	2/22/2017 12:26:11 PM
Surr: DNOP	111	70-130		%Rec	1	2/22/2017 12:26:11 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/22/2017 8:17:04 PM
Surr: BFB	88.7	54-150		%Rec	1	2/22/2017 8:17:04 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	2/22/2017 8:17:04 PM
Toluene	ND	0.049		mg/Kg	1	2/22/2017 8:17:04 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/22/2017 8:17:04 PM
Xylenes, Total	ND	0.098		mg/Kg	1	2/22/2017 8:17:04 PM
Surr: 4-Bromofluorobenzene	97.9	80-120		%Rec	1	2/22/2017 8:17:04 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	30		mg/Kg	20	2/22/2017 8:39:43 PM

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: S-086232-021717-CM-MW-18 (
Project: Bell Lake
Collection Date: 2/17/2017 8:45:00 AM
Lab ID: 1702908-004 **Matrix:** SOIL **Received Date:** 2/21/2017 11:34:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	2/22/2017 12:48:04 PM
Surr: DNOP	109	70-130		%Rec	1	2/22/2017 12:48:04 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/22/2017 8:43:14 PM
Surr: BFB	86.4	54-150		%Rec	1	2/22/2017 8:43:14 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.024		mg/Kg	1	2/22/2017 8:43:14 PM
Toluene	ND	0.048		mg/Kg	1	2/22/2017 8:43:14 PM
Ethylbenzene	ND	0.048		mg/Kg	1	2/22/2017 8:43:14 PM
Xylenes, Total	ND	0.096		mg/Kg	1	2/22/2017 8:43:14 PM
Surr: 4-Bromofluorobenzene	95.0	80-120		%Rec	1	2/22/2017 8:43:14 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	ND	30		mg/Kg	20	2/22/2017 8:52:07 PM

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1702908**

24-Feb-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-30349**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**30349**	RunNo:	**40943**					
Prep Date:	**2/22/2017**	Analysis Date:	**2/22/2017**	SeqNo:	**1282452**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	**LCS-30349**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**30349**	RunNo:	**40943**					
Prep Date:	**2/22/2017**	Analysis Date:	**2/22/2017**	SeqNo:	**1282453**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.6	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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1702908**

24-Feb-17

Client: GHD

Project: Bell Lake

Sample ID	**LCS-30319**	SampType:	**LCS**		TestCode:	**EPA Method 8015M/D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**30319**		RunNo:	**40900**				
Prep Date:	**2/21/2017**	Analysis Date:	**2/22/2017**		SeqNo:	**1281338**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.5	63.8	116			
Surr: DNOP	4.8		5.000		95.6	70	130			

Sample ID	**MB-30319**	SampType:	**MBLK**		TestCode:	**EPA Method 8015M/D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**30319**		RunNo:	**40900**				
Prep Date:	**2/21/2017**	Analysis Date:	**2/22/2017**		SeqNo:	**1281339**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Surr: DNOP	10		10.00		104	70	130			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1702908**

24-Feb-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-30325**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**PBS**	Batch ID:	**30325**		RunNo:	**40921**				
Prep Date:	**2/21/2017**	Analysis Date:	**2/22/2017**		SeqNo:	**1281763**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		85.6	54	150			

Sample ID	**LCS-30325**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**LCSS**	Batch ID:	**30325**		RunNo:	**40921**				
Prep Date:	**2/21/2017**	Analysis Date:	**2/22/2017**		SeqNo:	**1281764**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	25.00	0	112	76.4	125			
Surr: BFB	1100		1000		105	54	150			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1702908**

24-Feb-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-30325**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**30325**	RunNo:	**40921**					
Prep Date:	**2/21/2017**	Analysis Date:	**2/22/2017**	SeqNo:	**1281793**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.95		1.000		95.2	80	120			

Sample ID	**LCS-30325**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**30325**	RunNo:	**40921**					
Prep Date:	**2/21/2017**	Analysis Date:	**2/22/2017**	SeqNo:	**1281794**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.6	75.2	115			
Toluene	1.0	0.050	1.000	0	101	80.7	112			
Ethylbenzene	1.0	0.050	1.000	0	102	78.9	117			
Xylenes, Total	3.1	0.10	3.000	0	105	79.2	115			
Surr: 4-Bromofluorobenzene	0.95		1.000		95.1	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
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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: 1702908 | RcptNo: 1

Received by/date: ag 02/21/17

Logged By: Andy Jansson 2/21/2017 11:34:00 AM

Completed By: Andy Jansson 02/21/17

Reviewed By: IO 02/21/17

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	7.9	Good	Not Present			

Chain-of-Custody Record

Client: GHD Services Inc.

Mailing Address: 6121 Indian School #200 ABQ, NM 87110

Phone #: 505-884-0672

email or Fax#: Bernard.Bockisch@GHd.com

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Bell Lake

Project #: 086232

Project Manager: Bernard Bockisch

Sampler: C. Matheus

On Ice: ☒ Yes ☐ No

Sample Temperature: 7.9

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1702908	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX 8021	Chloride 300.1			Air Bubbles (Y or N)
2/14/17	1100	Soil	S-086232-021417-CM-MW-21(80-81)	4oz Jar	none	-001			X									X	X			
2/15/17	1045	Soil	S-086232-021517-CM-MW-19(85-86.5)	4oz Jar	none	-002			X									X	X			
2/16/17	0910	Soil	S-086232-021617-CM-MW-20(85-86.5)	4oz Jar	none	-003			X									X	X			
2/17/17	0845	Soil	S-086232-021717-CM-MW-18(85-86.5)	4oz Jar	none	-004			X									X	X			

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
2/21/17	1110	[signature]	Melissa Cummings	2/21/17	1110	Temp approved ML
2/21/17	1134	Melissa Cummings	[signature]	02/21/17	1134	

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

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

March 06, 2017

Bernie Bockish

GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL:
FAX

RE: Bell Lake OrderNo.: 1703002

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 1 sample(s) on 2/28/2017 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **1703002**
Date Reported: **3/6/2017**

CLIENT: GHD
Client Sample ID: S-086232-022217-CN-MW-17
Project: Bell Lake
Collection Date: 2/22/2017 2:10:00 PM
Lab ID: 1703002-001 **Matrix:** SOIL **Received Date:** 2/28/2017 3:00:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **MAB**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/2/2017 1:02:55 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/2/2017 1:02:55 PM
Surr: DNOP	99.5	70-130		%Rec	1	3/2/2017 1:02:55 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/2/2017 10:04:30 PM
Surr: BFB	87.3	54-150		%Rec	1	3/2/2017 10:04:30 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Benzene	ND	0.025		mg/Kg	1	3/2/2017 10:04:30 PM
Toluene	ND	0.049		mg/Kg	1	3/2/2017 10:04:30 PM
Ethylbenzene	ND	0.049		mg/Kg	1	3/2/2017 10:04:30 PM
Xylenes, Total	ND	0.098		mg/Kg	1	3/2/2017 10:04:30 PM
Surr: 4-Bromofluorobenzene	107	66.6-132		%Rec	1	3/2/2017 10:04:30 PM
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	52	30		mg/Kg	20	3/3/2017 6:05:09 PM

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1703002**

06-Mar-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-30520**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBS**	Batch ID:	**30520**	RunNo:	**41146**					
Prep Date:	**3/3/2017**	Analysis Date:	**3/3/2017**	SeqNo:	**1288725**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	30								

Sample ID	**LCS-30520**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSS**	Batch ID:	**30520**	RunNo:	**41146**					
Prep Date:	**3/3/2017**	Analysis Date:	**3/3/2017**	SeqNo:	**1288726**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1703002**

06-Mar-17

Client: GHD

Project: Bell Lake

Sample ID	**LCS-30466**	SampType:	**LCS**		TestCode:	**EPA Method 8015M/D: Diesel Range Organics**				
Client ID:	**LCSS**	Batch ID:	**30466**		RunNo:	**41101**				
Prep Date:	**3/1/2017**	Analysis Date:	**3/2/2017**		SeqNo:	**1287383**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	93.1	63.8	116			
Surr: DNOP	4.2		5.000		84.9	70	130			

Sample ID	**MB-30466**	SampType:	**MBLK**		TestCode:	**EPA Method 8015M/D: Diesel Range Organics**				
Client ID:	**PBS**	Batch ID:	**30466**		RunNo:	**41101**				
Prep Date:	**3/1/2017**	Analysis Date:	**3/2/2017**		SeqNo:	**1287384**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.4		10.00		94.3	70	130			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1703002**

06-Mar-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-30459**	SampType:	**MBLK**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**PBS**	Batch ID:	**30459**	RunNo:	**41125**					
Prep Date:	**3/1/2017**	Analysis Date:	**3/2/2017**	SeqNo:	**1288050**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		86.2	54	150			

Sample ID	**LCS-30459**	SampType:	**LCS**	TestCode:	**EPA Method 8015D: Gasoline Range**					
Client ID:	**LCSS**	Batch ID:	**30459**	RunNo:	**41125**					
Prep Date:	**3/1/2017**	Analysis Date:	**3/2/2017**	SeqNo:	**1288051**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	76.4	125			
Surr: BFB	950		1000		94.9	54	150			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1703002**

06-Mar-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-30459**	SampType:	**MBLK**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**PBS**	Batch ID:	**30459**	RunNo:	**41125**					
Prep Date:	**3/1/2017**	Analysis Date:	**3/2/2017**	SeqNo:	**1288073**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.1		1.000		106	66.6	132			

Sample ID	**LCS-30459**	SampType:	**LCS**	TestCode:	**EPA Method 8021B: Volatiles**					
Client ID:	**LCSS**	Batch ID:	**30459**	RunNo:	**41125**					
Prep Date:	**3/1/2017**	Analysis Date:	**3/2/2017**	SeqNo:	**1288074**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.99	0.025	1.000	0	98.8	75.2	115			
Toluene	0.95	0.050	1.000	0	94.9	80.7	112			
Ethylbenzene	0.95	0.050	1.000	0	95.3	78.9	117			
Xylenes, Total	2.9	0.10	3.000	0	95.8	79.2	115			
Surr: 4-Bromofluorobenzene	1.1		1.000		105	66.6	132			

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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: 1703002 | RcptNo: 1

Received by/date: AT 02/28/17

Logged By: **Anne Thorne** 2/28/2017 3:00:00 PM Anne Thorne

Completed By: **Anne Thorne** 3/1/2017 9:03:43 AM Anne Thorne

Reviewed By: ED 3/1/17

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Not Present			

CHAIN OF CUSTODY RECORD

COC NO.: 55553

Address: 6121 Indian School RDNE #700, Albuquerque NM 87110 PAGE 1 OF 1

Phone: 505 884 0672 Fax:

Project No/ Phase/Task Code: 086232	Laboratory Name: Hall	Lab Location: Albuquerque	SSOW ID:
Project Name: Bell Lea Lea	Lab Contact:		Cooler No:
Project Location:			Carrier:
GHD Chemistry Contact:			Airbill No:
Sampler(s): CN			Total # of Containers: 1

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Filtered (Y/N)	BTEX 8021	TPH Full Range 8015	Chloride 300.0	Total Containers/sample	MS/MSD Request	Comments/ Special Instructions:
	PRESERVATION - (SEE BACK OF COC FOR ABBREVIATIONS)											
1	S-086232-022217-CN-MW-17	2-22-17	1410				X	X	X			1703002-001
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

TAT Required in business days (use separate COCs for different TATs):

☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other:

Notes/ Special Requirements: 1.0

	Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1.	[signature]	GHD	2-27-17	0834	1. Melissa Cummings	GHD	2/28/17	0834
2.	Melissa Cummings	GHD	2/28/17	1420	2. [signature]	GHD	2/28/17	1420
3.	[signature]	GHD	2/28/17	1500	3. [signature]	HEAL	02/28/17	1500

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

GHD Form: COC-10B (20110801)

Appendix C
Groundwater 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

June 06, 2017

Bernie Bockish
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL:
FAX

RE: Bell Lake Compressor OrderNo.: 1705E50

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 19 sample(s) on 5/27/2017 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 #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052317-CN-MW-2
Project: Bell Lake Compressor
Collection Date: 5/23/2017 4:45:00 PM
Lab ID: 1705E50-001 **Matrix:** AQUEOUS **Received Date:** 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	8.8	5.0		mg/L	10	5/30/2017 1:13:46 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	180	100	D	mg/L	1	5/31/2017 4:34:00 PM	32024
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/1/2017 10:56:06 PM	W43213
Toluene	ND	1.0		µg/L	1	6/1/2017 10:56:06 PM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/1/2017 10:56:06 PM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/1/2017 10:56:06 PM	W43213
Surr: 1,2-Dichloroethane-d4	94.9	70-130		%Rec	1	6/1/2017 10:56:06 PM	W43213
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	6/1/2017 10:56:06 PM	W43213
Surr: Dibromofluoromethane	96.2	70-130		%Rec	1	6/1/2017 10:56:06 PM	W43213
Surr: Toluene-d8	102	70-130		%Rec	1	6/1/2017 10:56:06 PM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-6
Project: Bell Lake Compressor
Collection Date: 5/24/2017 11:25:00 AM
Lab ID: 1705E50-002 **Matrix:** AQUEOUS **Received Date:** 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1300	50	*	mg/L	100	5/30/2017 2:15:49 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3170	100	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	13	1.0		µg/L	1	6/2/2017 12:22:19 AM	W43213
Toluene	18	1.0		µg/L	1	6/2/2017 12:22:19 AM	W43213
Ethylbenzene	1.1	1.0		µg/L	1	6/2/2017 12:22:19 AM	W43213
Xylenes, Total	8.3	1.5		µg/L	1	6/2/2017 12:22:19 AM	W43213
Surr: 1,2-Dichloroethane-d4	95.4	70-130		%Rec	1	6/2/2017 12:22:19 AM	W43213
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	6/2/2017 12:22:19 AM	W43213
Surr: Dibromofluoromethane	97.2	70-130		%Rec	1	6/2/2017 12:22:19 AM	W43213
Surr: Toluene-d8	102	70-130		%Rec	1	6/2/2017 12:22:19 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052317-CN-MW-7
Project: Bell Lake Compressor
Collection Date: 5/23/2017 11:55:00 AM
Lab ID: 1705E50-003
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	200	5.0		mg/L	10	5/30/2017 2:28:14 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	7900	100	*D	mg/L	1	5/31/2017 4:34:00 PM	32024
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 12:50:45 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 12:50:45 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 12:50:45 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 12:50:45 AM	W43213
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	1	6/2/2017 12:50:45 AM	W43213
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	6/2/2017 12:50:45 AM	W43213
Surr: Dibromofluoromethane	97.3	70-130		%Rec	1	6/2/2017 12:50:45 AM	W43213
Surr: Toluene-d8	100	70-130		%Rec	1	6/2/2017 12:50:45 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-9
Project: Bell Lake Compressor
Collection Date: 5/24/2017 12:33:00 PM
Lab ID: 1705E50-004
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	3100	250	*	mg/L	500	6/1/2017 2:15:00 PM	R43195
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	7300	100	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	200	10		µg/L	10	6/2/2017 1:19:12 AM	W43213
Toluene	ND	10		µg/L	10	6/2/2017 1:19:12 AM	W43213
Ethylbenzene	16	10		µg/L	10	6/2/2017 1:19:12 AM	W43213
Xylenes, Total	360	15		µg/L	10	6/2/2017 1:19:12 AM	W43213
Surr: 1,2-Dichloroethane-d4	98.2	70-130		%Rec	10	6/2/2017 1:19:12 AM	W43213
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	10	6/2/2017 1:19:12 AM	W43213
Surr: Dibromofluoromethane	96.1	70-130		%Rec	10	6/2/2017 1:19:12 AM	W43213
Surr: Toluene-d8	99.8	70-130		%Rec	10	6/2/2017 1:19:12 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052517-CN-MW-12
Project: Bell Lake Compressor
Collection Date: 5/25/2017 3:05:00 PM
Lab ID: 1705E50-005
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2000	100	*	mg/L	200	6/1/2017 2:27:25 PM	R43195
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	4580	100	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 1:47:36 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 1:47:36 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 1:47:36 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 1:47:36 AM	W43213
Surr: 1,2-Dichloroethane-d4	98.5	70-130		%Rec	1	6/2/2017 1:47:36 AM	W43213
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	6/2/2017 1:47:36 AM	W43213
Surr: Dibromofluoromethane	96.4	70-130		%Rec	1	6/2/2017 1:47:36 AM	W43213
Surr: Toluene-d8	102	70-130		%Rec	1	6/2/2017 1:47:36 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-13
Project: Bell Lake Compressor
Collection Date: 5/24/2017 4:50:00 PM
Lab ID: 1705E50-006
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1400	50	*	mg/L	100	5/30/2017 4:19:56 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3500	100	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 2:16:07 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 2:16:07 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 2:16:07 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 2:16:07 AM	W43213
Surr: 1,2-Dichloroethane-d4	97.5	70-130		%Rec	1	6/2/2017 2:16:07 AM	W43213
Surr: 4-Bromofluorobenzene	92.3	70-130		%Rec	1	6/2/2017 2:16:07 AM	W43213
Surr: Dibromofluoromethane	97.3	70-130		%Rec	1	6/2/2017 2:16:07 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 2:16:07 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052617-CN-MW-14
Project: Bell Lake Compressor
Collection Date: 5/26/2017 10:10:00 AM
Lab ID: 1705E50-007
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	120	5.0		mg/L	10	5/30/2017 4:32:21 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1560	40.0	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 2:44:46 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 2:44:46 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 2:44:46 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 2:44:46 AM	W43213
Surr: 1,2-Dichloroethane-d4	96.7	70-130		%Rec	1	6/2/2017 2:44:46 AM	W43213
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	1	6/2/2017 2:44:46 AM	W43213
Surr: Dibromofluoromethane	95.0	70-130		%Rec	1	6/2/2017 2:44:46 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 2:44:46 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052517-CN-MW-15
Project: Bell Lake Compressor
Collection Date: 5/25/2017 4:10:00 PM
Lab ID: 1705E50-008
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1300	50	*	mg/L	100	5/30/2017 5:09:35 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3120	100	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 3:13:24 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 3:13:24 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 3:13:24 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 3:13:24 AM	W43213
Surr: 1,2-Dichloroethane-d4	99.5	70-130		%Rec	1	6/2/2017 3:13:24 AM	W43213
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	6/2/2017 3:13:24 AM	W43213
Surr: Dibromofluoromethane	97.1	70-130		%Rec	1	6/2/2017 3:13:24 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 3:13:24 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052517-CN-MW-16
Project: Bell Lake Compressor
Collection Date: 5/25/2017 1:55:00 PM
Lab ID: 1705E50-009
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	200	5.0		mg/L	10	5/30/2017 5:21:59 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1230	40.0	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 3:41:59 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 3:41:59 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 3:41:59 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 3:41:59 AM	W43213
Surr: 1,2-Dichloroethane-d4	96.7	70-130		%Rec	1	6/2/2017 3:41:59 AM	W43213
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	6/2/2017 3:41:59 AM	W43213
Surr: Dibromofluoromethane	96.9	70-130		%Rec	1	6/2/2017 3:41:59 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 3:41:59 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-17
Project: Bell Lake Compressor
Collection Date: 5/24/2017 3:45:00 PM
Lab ID: 1705E50-010 **Matrix:** AQUEOUS **Received Date:** 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	430	50	*	mg/L	100	5/30/2017 6:24:03 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1230	100	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 4:10:34 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 4:10:34 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 4:10:34 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 4:10:34 AM	W43213
Surr: 1,2-Dichloroethane-d4	96.5	70-130		%Rec	1	6/2/2017 4:10:34 AM	W43213
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	6/2/2017 4:10:34 AM	W43213
Surr: Dibromofluoromethane	96.5	70-130		%Rec	1	6/2/2017 4:10:34 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 4:10:34 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-18
Project: Bell Lake Compressor
Collection Date: 5/24/2017 2:55:00 PM
Lab ID: 1705E50-011
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	5.5	5.0		mg/L	10	5/30/2017 6:36:28 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	305	100	D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 4:39:11 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 4:39:11 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 4:39:11 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 4:39:11 AM	W43213
Surr: 1,2-Dichloroethane-d4	92.9	70-130		%Rec	1	6/2/2017 4:39:11 AM	W43213
Surr: 4-Bromofluorobenzene	96.4	70-130		%Rec	1	6/2/2017 4:39:11 AM	W43213
Surr: Dibromofluoromethane	94.7	70-130		%Rec	1	6/2/2017 4:39:11 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 4:39:11 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-19
Project: Bell Lake Compressor
Collection Date: 5/24/2017 1:55:00 PM
Lab ID: 1705E50-012
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	46	5.0		mg/L	10	5/30/2017 7:01:16 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	580	200	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 5:07:45 AM	W43213
Toluene	1.8	1.0		µg/L	1	6/2/2017 5:07:45 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 5:07:45 AM	W43213
Xylenes, Total	5.7	1.5		µg/L	1	6/2/2017 5:07:45 AM	W43213
Surr: 1,2-Dichloroethane-d4	97.3	70-130		%Rec	1	6/2/2017 5:07:45 AM	W43213
Surr: 4-Bromofluorobenzene	95.2	70-130		%Rec	1	6/2/2017 5:07:45 AM	W43213
Surr: Dibromofluoromethane	96.2	70-130		%Rec	1	6/2/2017 5:07:45 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 5:07:45 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-20
Project: Bell Lake Compressor
Collection Date: 5/24/2017 9:15:00 AM
Lab ID: 1705E50-013
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	330	50	*	mg/L	100	5/30/2017 7:38:30 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1150	40.0	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 5:36:14 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 5:36:14 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 5:36:14 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 5:36:14 AM	W43213
Surr: 1,2-Dichloroethane-d4	95.5	70-130		%Rec	1	6/2/2017 5:36:14 AM	W43213
Surr: 4-Bromofluorobenzene	95.9	70-130		%Rec	1	6/2/2017 5:36:14 AM	W43213
Surr: Dibromofluoromethane	95.5	70-130		%Rec	1	6/2/2017 5:36:14 AM	W43213
Surr: Toluene-d8	102	70-130		%Rec	1	6/2/2017 5:36:14 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-MW-21
Project: Bell Lake Compressor
Collection Date: 5/24/2017 10:15:00 AM
Lab ID: 1705E50-014
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	ND	5.0		mg/L	10	5/30/2017 7:50:54 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	304	40.0	D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 6:04:46 AM	W43213
Toluene	ND	1.0		µg/L	1	6/2/2017 6:04:46 AM	W43213
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 6:04:46 AM	W43213
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 6:04:46 AM	W43213
Surr: 1,2-Dichloroethane-d4	98.9	70-130		%Rec	1	6/2/2017 6:04:46 AM	W43213
Surr: 4-Bromofluorobenzene	95.4	70-130		%Rec	1	6/2/2017 6:04:46 AM	W43213
Surr: Dibromofluoromethane	99.2	70-130		%Rec	1	6/2/2017 6:04:46 AM	W43213
Surr: Toluene-d8	101	70-130		%Rec	1	6/2/2017 6:04:46 AM	W43213

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052317-CN-SVE-3
Project: Bell Lake Compressor
Collection Date: 5/23/2017 3:45:00 PM
Lab ID: 1705E50-015
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	330	50	*	mg/L	100	5/30/2017 8:52:59 PM	R43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1120	40.0	*D	mg/L	1	5/31/2017 4:34:00 PM	32024
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	5.2	1.0		µg/L	1	6/2/2017 11:27:13 AM	SL43232
Toluene	ND	1.0		µg/L	1	6/2/2017 11:27:13 AM	SL43232
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 11:27:13 AM	SL43232
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 11:27:13 AM	SL43232
Surr: 1,2-Dichloroethane-d4	98.1	70-130		%Rec	1	6/2/2017 11:27:13 AM	SL43232
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	6/2/2017 11:27:13 AM	SL43232
Surr: Dibromofluoromethane	98.1	70-130		%Rec	1	6/2/2017 11:27:13 AM	SL43232
Surr: Toluene-d8	102	70-130		%Rec	1	6/2/2017 11:27:13 AM	SL43232

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
R	RPD outside accepted recovery limits
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 Detection Limit
W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052317-MG-SVE-5
Project: Bell Lake Compressor
Collection Date: 5/23/2017 1:00:00 PM
Lab ID: 1705E50-016 **Matrix:** AQUEOUS **Received Date:** 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2200	100	*	mg/L	200	6/1/2017 2:39:49 PM	R43195
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	7060	100	*D	mg/L	1	5/31/2017 4:34:00 PM	32024
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	200	20	p	µg/L	20	6/2/2017 11:55:55 AM	SL43232
Toluene	520	20	p	µg/L	20	6/2/2017 11:55:55 AM	SL43232
Ethylbenzene	25	20	p	µg/L	20	6/2/2017 11:55:55 AM	SL43232
Xylenes, Total	450	30	p	µg/L	20	6/2/2017 11:55:55 AM	SL43232
Surr: 1,2-Dichloroethane-d4	97.6	70-130	p	%Rec	20	6/2/2017 11:55:55 AM	SL43232
Surr: 4-Bromofluorobenzene	96.8	70-130	p	%Rec	20	6/2/2017 11:55:55 AM	SL43232
Surr: Dibromofluoromethane	97.2	70-130	p	%Rec	20	6/2/2017 11:55:55 AM	SL43232
Surr: Toluene-d8	101	70-130	p	%Rec	20	6/2/2017 11:55:55 AM	SL43232

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052317-MG-SVE-6
Project: Bell Lake Compressor
Collection Date: 5/23/2017 2:50:00 PM
Lab ID: 1705E50-017
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	960	50	*	mg/L	100	5/30/2017 10:07:27 PM	A43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	4480	100	*D	mg/L	1	5/31/2017 4:34:00 PM	32024
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	19	2.0		µg/L	2	6/2/2017 12:24:33 PM	SL43232
Toluene	31	2.0		µg/L	2	6/2/2017 12:24:33 PM	SL43232
Ethylbenzene	ND	2.0		µg/L	2	6/2/2017 12:24:33 PM	SL43232
Xylenes, Total	8.7	3.0		µg/L	2	6/2/2017 12:24:33 PM	SL43232
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	2	6/2/2017 12:24:33 PM	SL43232
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	2	6/2/2017 12:24:33 PM	SL43232
Surr: Dibromofluoromethane	98.6	70-130		%Rec	2	6/2/2017 12:24:33 PM	SL43232
Surr: Toluene-d8	101	70-130		%Rec	2	6/2/2017 12:24:33 PM	SL43232

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052417-CN-DUP
Project: Bell Lake Compressor
Collection Date: 5/24/2017
Lab ID: 1705E50-018
Matrix: AQUEOUS
Received Date: 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	3300	250	*	mg/L	500	6/1/2017 2:52:14 PM	R43195
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	7400	100	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	200	10		µg/L	20	6/2/2017 12:53:24 PM	SL43232
Toluene	ND	10		µg/L	20	6/2/2017 12:53:24 PM	SL43232
Ethylbenzene	16	10		µg/L	20	6/2/2017 12:53:24 PM	SL43232
Xylenes, Total	370	15		µg/L	20	6/2/2017 12:53:24 PM	SL43232
Surr: 1,2-Dichloroethane-d4	96.7	70-130		%Rec	20	6/2/2017 12:53:24 PM	SL43232
Surr: 4-Bromofluorobenzene	94.8	70-130		%Rec	20	6/2/2017 12:53:24 PM	SL43232
Surr: Dibromofluoromethane	96.1	70-130		%Rec	20	6/2/2017 12:53:24 PM	SL43232
Surr: Toluene-d8	104	70-130		%Rec	20	6/2/2017 12:53:24 PM	SL43232

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: 086232-052617-CN-Tank
Project: Bell Lake Compressor
Collection Date: 5/26/2017 9:30:00 AM
Lab ID: 1705E50-019 **Matrix:** AQUEOUS **Received Date:** 5/27/2017 10:00:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	110	5.0		mg/L	10	5/30/2017 11:09:30 PM	A43150
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	862	40.0	*D	mg/L	1	6/2/2017 12:05:00 PM	32046
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	6/2/2017 1:22:09 PM	SL43232
Toluene	ND	1.0		µg/L	1	6/2/2017 1:22:09 PM	SL43232
Ethylbenzene	ND	1.0		µg/L	1	6/2/2017 1:22:09 PM	SL43232
Xylenes, Total	ND	1.5		µg/L	1	6/2/2017 1:22:09 PM	SL43232
Surr: 1,2-Dichloroethane-d4	97.6	70-130		%Rec	1	6/2/2017 1:22:09 PM	SL43232
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	6/2/2017 1:22:09 PM	SL43232
Surr: Dibromofluoromethane	99.0	70-130		%Rec	1	6/2/2017 1:22:09 PM	SL43232
Surr: Toluene-d8	99.9	70-130		%Rec	1	6/2/2017 1:22:09 PM	SL43232

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1705E50**

06-Jun-17

Client: GHD

Project: Bell Lake Compressor

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**R43150**	RunNo:	**43150**					
Prep Date:		Analysis Date:	**5/30/2017**	SeqNo:	**1358148**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID	**LCSb**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSW**	Batch ID:	**R43150**	RunNo:	**43150**					
Prep Date:		Analysis Date:	**5/30/2017**	SeqNo:	**1358157**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.9	90	110			

Sample ID	**1705E50-001BMS**	SampType:	**ms**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**086232-052317-CN-**	Batch ID:	**R43150**	RunNo:	**43150**					
Prep Date:		Analysis Date:	**5/30/2017**	SeqNo:	**1358161**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	55	5.0	50.00	8.796	92.2	80.8	121			

Sample ID	**1705E50-001BMSD**	SampType:	**msd**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**086232-052317-CN-**	Batch ID:	**R43150**	RunNo:	**43150**					
Prep Date:		Analysis Date:	**5/30/2017**	SeqNo:	**1358162**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	56	5.0	50.00	8.796	94.3	80.8	121	1.89	20	

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**A43150**	RunNo:	**43150**					
Prep Date:		Analysis Date:	**5/30/2017**	SeqNo:	**1358200**	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:	**A43150**	RunNo:	**43150**					
Prep Date:		Analysis Date:	**5/30/2017**	SeqNo:	**1358201**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	5.0	0.50	5.000	0	99.0	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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1705E50**

06-Jun-17

Client: GHD

Project: Bell Lake Compressor

Sample ID	**MB**	SampType:	**MBLK**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**R43195**	RunNo:	**43195**					
Prep Date:		Analysis Date:	**6/1/2017**	SeqNo:	**1360695**	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:	**R43195**	RunNo:	**43195**					
Prep Date:		Analysis Date:	**6/1/2017**	SeqNo:	**1360696**	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	95.6	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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1705E50**

06-Jun-17

Client: GHD

Project: Bell Lake Compressor

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **W43213**	RunNo: **43213**
Prep Date:	Analysis Date: **6/1/2017**	SeqNo: **1360376** 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	9.5		10.00		94.9	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.5	70	130			
Surr: Dibromofluoromethane	9.4		10.00		94.5	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **W43213**	RunNo: **43213**
Prep Date:	Analysis Date: **6/1/2017**	SeqNo: **1360377** 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			
Toluene	21	1.0	20.00	0	104	70	130			
Surr: 1,2-Dichloroethane-d4	9.8		10.00		97.9	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.0	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.2	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID **1705e50-001a ms**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **086232-052317-CN-**	Batch ID: **W43213**	RunNo: **43213**
Prep Date:	Analysis Date: **6/1/2017**	SeqNo: **1360384** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0.2092	108	70	130			
Toluene	20	1.0	20.00	0.08000	98.9	70	130			
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.4	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130			
Surr: Dibromofluoromethane	9.7		10.00		97.4	70	130			
Surr: Toluene-d8	9.7		10.00		97.3	70	130			

Sample ID **1705e50-001a msd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **086232-052317-CN-**	Batch ID: **W43213**	RunNo: **43213**
Prep Date:	Analysis Date: **6/1/2017**	SeqNo: **1360385** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0.2092	103	70	130	5.11	20	
Toluene	20	1.0	20.00	0.08000	101	70	130	1.90	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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1705E50**

06-Jun-17

Client: GHD

Project: Bell Lake Compressor

Sample ID **1705e50-001a msd**	SampType: **MSD**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **086232-052317-CN-**	Batch ID: **W43213**	RunNo: **43213**
Prep Date:	Analysis Date: **6/1/2017**	SeqNo: **1360385** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.2	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130	0	0	
Surr: Dibromofluoromethane	9.8		10.00		97.6	70	130	0	0	
Surr: Toluene-d8	10		10.00		102	70	130	0	0	

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **SL43232**	RunNo: **43232**
Prep Date:	Analysis Date: **6/2/2017**	SeqNo: **1360882** 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	9.5		10.00		95.2	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.1	70	130			
Surr: Dibromofluoromethane	9.8		10.00		97.9	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **SL43232**	RunNo: **43232**
Prep Date:	Analysis Date: **6/2/2017**	SeqNo: **1360883** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	110	70	130			
Toluene	20	1.0	20.00	0	99.7	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.4	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID **1705e50-016a ms**	SampType: **MS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **086232-052317-MG-**	Batch ID: **SL43232**	RunNo: **43232**
Prep Date:	Analysis Date: **6/2/2017**	SeqNo: **1360886** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	630	20	400.0	199.1	107	70	130			P
Toluene	930	20	400.0	520.8	103	70	130			P
Surr: 1,2-Dichloroethane-d4	200		200.0		99.6	70	130			P
Surr: 4-Bromofluorobenzene	190		200.0		95.4	70	130			P

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1705E50**

06-Jun-17

Client: GHD

Project: Bell Lake Compressor

Sample ID	**1705e50-016a ms**	SampType:	**MS**		TestCode:	**EPA Method 8260: Volatiles Short List**				
Client ID:	**086232-052317-MG-**	Batch ID:	**SL43232**		RunNo:	**43232**				
Prep Date:		Analysis Date:	**6/2/2017**		SeqNo:	**1360886**	Units:	**µg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	190		200.0		94.7	70	130			P
Surr: Toluene-d8	200		200.0		102	70	130			P

Sample ID	**1705e50-016a msd**	SampType:	**MSD**		TestCode:	**EPA Method 8260: Volatiles Short List**				
Client ID:	**086232-052317-MG-**	Batch ID:	**SL43232**		RunNo:	**43232**				
Prep Date:		Analysis Date:	**6/2/2017**		SeqNo:	**1360887**	Units:	**µg/L**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	630	20	400.0	199.1	107	70	130	0.488	20	P
Toluene	900	20	400.0	520.8	95.2	70	130	3.59	20	P
Surr: 1,2-Dichloroethane-d4	200		200.0		99.0	70	130	0	0	P
Surr: 4-Bromofluorobenzene	190		200.0		96.3	70	130	0	0	P
Surr: Dibromofluoromethane	190		200.0		97.3	70	130	0	0	P
Surr: Toluene-d8	200		200.0		101	70	130	0	0	P

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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1705E50**

06-Jun-17

Client: GHD

Project: Bell Lake Compressor

Sample ID	**MB-32024**	SampType:	**MBLK**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**PBW**	Batch ID:	**32024**		RunNo:	**43168**				
Prep Date:	**5/30/2017**	Analysis Date:	**5/31/2017**		SeqNo:	**1358746**	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-32024**	SampType:	**LCS**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**LCSW**	Batch ID:	**32024**		RunNo:	**43168**				
Prep Date:	**5/30/2017**	Analysis Date:	**5/31/2017**		SeqNo:	**1358747**	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	**MB-32046**	SampType:	**MBLK**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**PBW**	Batch ID:	**32046**		RunNo:	**43227**				
Prep Date:	**5/31/2017**	Analysis Date:	**6/2/2017**		SeqNo:	**1360779**	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-32046**	SampType:	**LCS**		TestCode:	**SM2540C MOD: Total Dissolved Solids**				
Client ID:	**LCSW**	Batch ID:	**32046**		RunNo:	**43227**				
Prep Date:	**5/31/2017**	Analysis Date:	**6/2/2017**		SeqNo:	**1360780**	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
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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: 1705E50 | RcptNo: 1

Received By: **Andy Freeman** 5/27/2017 10:00:00 AM

Completed By: **Anne Thorne** 5/30/2017 8:47:46 AM

Reviewed By: 5/30/17

Chain of Custody

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

Log In

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

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
2	1.2	Good	Yes			

Chain-of-Custody Record

Client: GHD Services

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

Phone #: 505-884-0672

email or Fax#: Bernard.Backisch

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Bell Lake

Project #: 086232

Project Manager: Bernard Backisch

Sampler:

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.2°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 Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX 8260	Chloride 300.0	TDS 2540		Air Bubbles (Y or N)
5-23-17	1645	WT	GW-086232-052317-CW-MW-2	4 Total		001												X	X	X		
5-23-17	1125	WT	GW-086232-052317-CW-MW-6	4		002												X	X	X		
5-23-17	1155	WT	GW-086232-052317-CW-MW-7	4		003												X	X	X		
5-24-17	1233	WT	GW-086232-052417-CW-MW-9	4		004												X	X	X		
5-26-17	1505	WT	GW-086232-052617-CW-MW-12	4		005												X	X	X		
5-24-17	1650	WT	GW-086232-052417-CW-MW-13	4		006												X	X	X		
5-26-17	1010	WT	GW-086232-052617-CW-MW-14	4		007												X	X	X		
5-25-17	1610	WT	GW-086232-052517-CW-MW-15	4		008												X	X	X		
5-25-17	1355	WT	GW-086232-052517-CW-MW-16	4		009												X	X	X		
5-24-17	1645	WT	GW-086232-052417-CW-MW-17	4		010												X	X	X		
5-24-17	1455	WT	GW-086232-052417-CW-MW-18	4		011												X	X	X		
5-24-17	1355	WT	GW-086232-052417-CW-MW-19	4		012												X	X	X		

Date:	Time:	Relinquished by:	Received by:	Date	Time
5-26-17	1630			5/27/17	10:00
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

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

Chain-of-Custody Record

Client: GHD Services

Mailing Address: 6121 Indian School Rd NE #200

Albuquerque NM, 87110

Phone #: 505 884 0672

email or Fax#: Bernard.Bockisch@ghd.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation

☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:

☑ Standard ☐ Rush _____

Project Name: Bell Lake

Project #: 086232

Project Manager: Bernard Bockisch

Sampler:

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.4°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 Request ID	Container Type and #	Preservative Type	HEAL No. 1705ES0	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BTEX 8260	Chlorides 300.0	TDS 2540		Air Bubbles (Y or N)
5-24-17	0915	WT	GW-086232-052417-CN-DUP	4		013												X	X	X		
5-24-17	1015	WT	GW-086232-052417-CN-MW2	4		014												X	X	X		
5-23-17	1545	WT	GW-086232-052317-MG-SVE-3	4		015												X	X	X		
5-23-17	1300	WT	GW-086232-052317-MG-SVE-5	4		016												X	X	X		
5-23-17	1450	WT	GW-086232-052317-MG-SVE-6	4		017												X	X	X		
5-24-17	—	WT	GW-086232-052417-CN-DUP	4		018												X	X	X		
5-26-17	0930	WT	GW-086232-052617-CN-tank	4		019												X	X	X		

Date	Time	Relinquished by:	Received by:	Date	Time
5-26-17	1630			5/27/17	0800
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

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

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

December 05, 2017

Bernie Bockish
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL:
FAX

RE: Bell Lake OrderNo.: 1711980

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 6 sample(s) on 11/17/2017 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 #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711980

Lab ID: 1711980-001 **Collection Date:** 11/16/2017 10:10:00 AM
Client Sample ID: GW-086232-111617-SP-MW-6 **Matrix:**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	1300	50	*	mg/L	100	11/20/2017 12:00:11 PM	R47234
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3130	40.0	*D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	11	1.0		µg/L	1	11/22/2017 6:49:06 PM	B47319
Toluene	15	1.0		µg/L	1	11/22/2017 6:49:06 PM	B47319
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 6:49:06 PM	B47319
Xylenes, Total	6.8	1.5		µg/L	1	11/22/2017 6:49:06 PM	B47319
Surr: 1,2-Dichloroethane-d4	96.2	70-130		%Rec	1	11/22/2017 6:49:06 PM	B47319
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/22/2017 6:49:06 PM	B47319
Surr: Dibromofluoromethane	94.2	70-130		%Rec	1	11/22/2017 6:49:06 PM	B47319
Surr: Toluene-d8	97.2	70-130		%Rec	1	11/22/2017 6:49:06 PM	B47319

Lab ID: 1711980-002 **Collection Date:** 11/16/2017 11:40:00 AM
Client Sample ID: GW-086232-111617-SP-MW-2 **Matrix:**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	83	5.0		mg/L	10	11/20/2017 4:20:51 PM	R47234
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	515	20.0	*	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	11/22/2017 7:17:58 PM	B47319
Toluene	ND	1.0		µg/L	1	11/22/2017 7:17:58 PM	B47319
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 7:17:58 PM	B47319
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 7:17:58 PM	B47319
Surr: 1,2-Dichloroethane-d4	96.2	70-130		%Rec	1	11/22/2017 7:17:58 PM	B47319
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/22/2017 7:17:58 PM	B47319
Surr: Dibromofluoromethane	97.1	70-130		%Rec	1	11/22/2017 7:17:58 PM	B47319
Surr: Toluene-d8	97.9	70-130		%Rec	1	11/22/2017 7:17:58 PM	B47319

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711980

Lab ID: 1711980-003 **Collection Date:** 11/16/2017 12:55:00 PM
Client Sample ID: GW-086232-111617-SP-SVE-3 **Matrix:**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	370	50	*	mg/L	100	11/20/2017 4:58:05 PM	R47234
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1120	20.0	*	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	4.3	1.0		µg/L	1	11/22/2017 7:47:13 PM	B47319
Toluene	ND	1.0		µg/L	1	11/22/2017 7:47:13 PM	B47319
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 7:47:13 PM	B47319
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 7:47:13 PM	B47319
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	11/22/2017 7:47:13 PM	B47319
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/22/2017 7:47:13 PM	B47319
Surr: Dibromofluoromethane	100	70-130		%Rec	1	11/22/2017 7:47:13 PM	B47319
Surr: Toluene-d8	93.6	70-130		%Rec	1	11/22/2017 7:47:13 PM	B47319

Lab ID: 1711980-004 **Collection Date:** 11/16/2017 2:35:00 PM
Client Sample ID: GW-086232-111617-SP-SVE-5 **Matrix:**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	3400	100	*	mg/L	200	11/22/2017 6:36:32 PM	R47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	10600	100	*D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	280	10	P	µg/L	10	11/22/2017 8:16:21 PM	B47319
Toluene	790	10	P	µg/L	10	11/22/2017 8:16:21 PM	B47319
Ethylbenzene	33	10	P	µg/L	10	11/22/2017 8:16:21 PM	B47319
Xylenes, Total	650	15	P	µg/L	10	11/22/2017 8:16:21 PM	B47319
Surr: 1,2-Dichloroethane-d4	98.5	70-130	P	%Rec	10	11/22/2017 8:16:21 PM	B47319
Surr: 4-Bromofluorobenzene	101	70-130	P	%Rec	10	11/22/2017 8:16:21 PM	B47319
Surr: Dibromofluoromethane	96.4	70-130	P	%Rec	10	11/22/2017 8:16:21 PM	B47319
Surr: Toluene-d8	97.7	70-130	P	%Rec	10	11/22/2017 8:16:21 PM	B47319

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711980

Lab ID: 1711980-005 **Collection Date:** 11/16/2017 3:32:00 PM
Client Sample ID: GW-086232-111617-SP-WaterWell **Matrix:**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	110	5.0		mg/L	10	11/20/2017 6:00:07 PM	R47234
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	869	20.0	*	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	11/22/2017 8:45:33 PM	B47319
Toluene	ND	1.0		µg/L	1	11/22/2017 8:45:33 PM	B47319
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 8:45:33 PM	B47319
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 8:45:33 PM	B47319
Surr: 1,2-Dichloroethane-d4	95.1	70-130		%Rec	1	11/22/2017 8:45:33 PM	B47319
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/22/2017 8:45:33 PM	B47319
Surr: Dibromofluoromethane	95.4	70-130		%Rec	1	11/22/2017 8:45:33 PM	B47319
Surr: Toluene-d8	101	70-130		%Rec	1	11/22/2017 8:45:33 PM	B47319

Lab ID: 1711980-006 **Collection Date:** 11/16/2017 3:54:00 PM
Client Sample ID: GW-086232-111617-SP-SVE-6 **Matrix:**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	820	50	*	mg/L	100	11/20/2017 6:37:21 PM	R47234
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	4480	40.0	*D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**	
Benzene	12	1.0		µg/L	1	11/22/2017 9:14:41 PM	B47319
Toluene	17	1.0		µg/L	1	11/22/2017 9:14:41 PM	B47319
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 9:14:41 PM	B47319
Xylenes, Total	4.2	1.5		µg/L	1	11/22/2017 9:14:41 PM	B47319
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	11/22/2017 9:14:41 PM	B47319
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	11/22/2017 9:14:41 PM	B47319
Surr: Dibromofluoromethane	100	70-130		%Rec	1	11/22/2017 9:14:41 PM	B47319
Surr: Toluene-d8	99.0	70-130		%Rec	1	11/22/2017 9:14:41 PM	B47319

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711980**

05-Dec-17

Client: GHD

Project: Bell Lake

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**R47234**	RunNo:	**47234**					
Prep Date:		Analysis Date:	**11/20/2017**	SeqNo:	**1507200**	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:	**R47234**	RunNo:	**47234**					
Prep Date:		Analysis Date:	**11/20/2017**	SeqNo:	**1507203**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.5	0.50	5.000	0	90.6	90	110			

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**R47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/22/2017**	SeqNo:	**1510287**	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:	**R47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/22/2017**	SeqNo:	**1510288**	Units:	**mg/L**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.6	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711980**

05-Dec-17

Client: GHD

Project: Bell Lake

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **B47319**	RunNo: **47319**
Prep Date:	Analysis Date: **11/22/2017**	SeqNo: **1509540** 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	9.4		10.00		94.0	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.5	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.9	70	130			
Surr: Toluene-d8	9.2		10.00		91.7	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **B47319**	RunNo: **47319**
Prep Date:	Analysis Date: **11/22/2017**	SeqNo: **1509541** 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	98.8	70	130			
Surr: 1,2-Dichloroethane-d4	9.3		10.00		92.7	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.2	70	130			
Surr: Toluene-d8	9.4		10.00		94.3	70	130			

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711980**

05-Dec-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-35078**	SampType:	**MBLK**	TestCode:	**SM2540C MOD: Total Dissolved Solids**					
Client ID:	**PBW**	Batch ID:	**35078**	RunNo:	**47276**					
Prep Date:	**11/20/2017**	Analysis Date:	**11/21/2017**	SeqNo:	**1507898**	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-35078**	SampType:	**LCS**	TestCode:	**SM2540C MOD: Total Dissolved Solids**					
Client ID:	**LCSW**	Batch ID:	**35078**	RunNo:	**47276**					
Prep Date:	**11/20/2017**	Analysis Date:	**11/21/2017**	SeqNo:	**1507899**	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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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: 1711980 | RcptNo: 1

Received By: Dennis Suazo 11/17/2017 10:20:00 AM

Completed By: Sophia Campuzano 11/20/2017 8:27:24 AM

Reviewed By: ENM 11/20/17

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.0	Good	Yes			

Chain-of-Custody Record

Client: GHD - Albuquerque

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

Phone #: 505-884-0672

email or Fax#: Bernard.Bockisch@ghd.com

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Bell Lake

Project #: 086232

Project Manager: Bernard Bockisch

Sampler: Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.1 - 1.1 (Δ) = 3.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1711980	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	8260 BTEX	SM2540 TDS	300.0 Chloride		Air Bubbles (Y or N)
11/16/17	1010	GW	GW-086232-111617-SP-MW-6	Misc.	HCl	-001												X	X	X		
	1140		GW-086232-111617-SP-MW-2			-002																
	1255		GW-086232-111617-SP-SVE-3			-003																
	1435		GW-086232-111617-SP-SVE-5			-004																
	1537		GW-086232-111617-SP-WaterWell			-005																
	1554		GW-086232-111617-SP-SVE-6			-006																

Date: 11/16/17 Time: 1630 Relinquished by: Steven Perez

Received by: Date 11/16/17 Time 1630

Date: 11/16/17 Time: 1900 Relinquished by:

Received by: Date 11/17/17 Time 1020

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.

courier 11/17/17 DDS

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

December 05, 2017

Bernie Bockish
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL:
FAX

RE: Bell Lake OrderNo.: 1711982

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 9 sample(s) on 11/17/2017 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 #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711982

Lab ID: 1711982-001 **Collection Date:** 11/14/2017 1:52:00 PM
Client Sample ID: GW-086232-111417-SP-MW-14 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	120	5.0		mg/L	10	11/22/2017 9:30:17 PM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1580	20.0	*	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/21/2017 10:21:00 PM	A47278
Toluene	ND	1.0		µg/L	1	11/21/2017 10:21:00 PM	A47278
Ethylbenzene	ND	1.0		µg/L	1	11/21/2017 10:21:00 PM	A47278
Xylenes, Total	ND	1.5		µg/L	1	11/21/2017 10:21:00 PM	A47278
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	11/21/2017 10:21:00 PM	A47278
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/21/2017 10:21:00 PM	A47278
Surr: Dibromofluoromethane	107	70-130		%Rec	1	11/21/2017 10:21:00 PM	A47278
Surr: Toluene-d8	96.9	70-130		%Rec	1	11/21/2017 10:21:00 PM	A47278

Lab ID: 1711982-002 **Collection Date:** 11/14/2017 3:55:00 PM
Client Sample ID: GW-086232-111417-SP-MW-15 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	1300	50	*	mg/L	100	11/22/2017 10:07:31 PM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3340	40.0	*D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/21/2017 10:45:00 PM	A47278
Toluene	ND	1.0		µg/L	1	11/21/2017 10:45:00 PM	A47278
Ethylbenzene	ND	1.0		µg/L	1	11/21/2017 10:45:00 PM	A47278
Xylenes, Total	ND	1.5		µg/L	1	11/21/2017 10:45:00 PM	A47278
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	1	11/21/2017 10:45:00 PM	A47278
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/21/2017 10:45:00 PM	A47278
Surr: Dibromofluoromethane	106	70-130		%Rec	1	11/21/2017 10:45:00 PM	A47278
Surr: Toluene-d8	96.8	70-130		%Rec	1	11/21/2017 10:45:00 PM	A47278

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711982

Lab ID: 1711982-003 **Collection Date:** 11/14/2017 5:18:00 PM
Client Sample ID: GW-086232-111417-SP-MW-16 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	190	5.0		mg/L	10	11/22/2017 10:19:55 PM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1190	20.0	*	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/21/2017 11:09:00 PM	A47278
Toluene	ND	1.0		µg/L	1	11/21/2017 11:09:00 PM	A47278
Ethylbenzene	ND	1.0		µg/L	1	11/21/2017 11:09:00 PM	A47278
Xylenes, Total	ND	1.5		µg/L	1	11/21/2017 11:09:00 PM	A47278
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	11/21/2017 11:09:00 PM	A47278
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	11/21/2017 11:09:00 PM	A47278
Surr: Dibromofluoromethane	107	70-130		%Rec	1	11/21/2017 11:09:00 PM	A47278
Surr: Toluene-d8	98.6	70-130		%Rec	1	11/21/2017 11:09:00 PM	A47278

Lab ID: 1711982-004 **Collection Date:** 11/15/2017 9:40:00 AM
Client Sample ID: GW-086232-111517-SP-MW-13 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	1300	50	*	mg/L	100	11/22/2017 10:57:09 PM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3180	40.0	*D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/21/2017 11:32:00 PM	A47278
Toluene	ND	1.0		µg/L	1	11/21/2017 11:32:00 PM	A47278
Ethylbenzene	ND	1.0		µg/L	1	11/21/2017 11:32:00 PM	A47278
Xylenes, Total	ND	1.5		µg/L	1	11/21/2017 11:32:00 PM	A47278
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	11/21/2017 11:32:00 PM	A47278
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/21/2017 11:32:00 PM	A47278
Surr: Dibromofluoromethane	107	70-130		%Rec	1	11/21/2017 11:32:00 PM	A47278
Surr: Toluene-d8	97.6	70-130		%Rec	1	11/21/2017 11:32:00 PM	A47278

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711982

Lab ID: 1711982-005 **Collection Date:** 11/15/2017 11:20:00 AM
Client Sample ID: GW-086232-111517-SP-MW-17 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	390	50	*	mg/L	100	11/22/2017 11:21:59 PM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	1200	20.0	*	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/21/2017 11:56:00 PM	A47278
Toluene	ND	1.0		µg/L	1	11/21/2017 11:56:00 PM	A47278
Ethylbenzene	ND	1.0		µg/L	1	11/21/2017 11:56:00 PM	A47278
Xylenes, Total	ND	1.5		µg/L	1	11/21/2017 11:56:00 PM	A47278
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	11/21/2017 11:56:00 PM	A47278
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	11/21/2017 11:56:00 PM	A47278
Surr: Dibromofluoromethane	108	70-130		%Rec	1	11/21/2017 11:56:00 PM	A47278
Surr: Toluene-d8	96.7	70-130		%Rec	1	11/21/2017 11:56:00 PM	A47278

Lab ID: 1711982-006 **Collection Date:** 11/15/2017 2:18:00 PM
Client Sample ID: GW-086232-111517-SP-MW-12 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **MRA**	
Chloride	2100	100	*	mg/L	200	11/27/2017 7:10:54 PM	R47338
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	3950	40.0	*D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/22/2017 12:20:00 AM	A47278
Toluene	ND	1.0		µg/L	1	11/22/2017 12:20:00 AM	A47278
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 12:20:00 AM	A47278
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 12:20:00 AM	A47278
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	1	11/22/2017 12:20:00 AM	A47278
Surr: 4-Bromofluorobenzene	98.3	70-130		%Rec	1	11/22/2017 12:20:00 AM	A47278
Surr: Dibromofluoromethane	109	70-130		%Rec	1	11/22/2017 12:20:00 AM	A47278
Surr: Toluene-d8	97.5	70-130		%Rec	1	11/22/2017 12:20:00 AM	A47278

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711982

Lab ID: 1711982-007 **Collection Date:** 11/15/2017 12:58:00 PM
Client Sample ID: GW-086232-111517-SP-MW-18 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	11	5.0		mg/L	10	11/23/2017 12:24:04 AM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	300	40.0	D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/22/2017 12:43:00 AM	A47278
Toluene	ND	1.0		µg/L	1	11/22/2017 12:43:00 AM	A47278
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 12:43:00 AM	A47278
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 12:43:00 AM	A47278
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	11/22/2017 12:43:00 AM	A47278
Surr: 4-Bromofluorobenzene	99.8	70-130		%Rec	1	11/22/2017 12:43:00 AM	A47278
Surr: Dibromofluoromethane	108	70-130		%Rec	1	11/22/2017 12:43:00 AM	A47278
Surr: Toluene-d8	97.3	70-130		%Rec	1	11/22/2017 12:43:00 AM	A47278

Lab ID: 1711982-008 **Collection Date:** 11/15/2017 3:50:00 PM
Client Sample ID: GW-086232-111517-SP-MW-19 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	50	5.0		mg/L	10	11/23/2017 12:48:52 AM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	356	40.0	D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/22/2017 2:41:00 AM	C47278
Toluene	ND	1.0		µg/L	1	11/22/2017 2:41:00 AM	C47278
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 2:41:00 AM	C47278
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 2:41:00 AM	C47278
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	11/22/2017 2:41:00 AM	C47278
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/22/2017 2:41:00 AM	C47278
Surr: Dibromofluoromethane	107	70-130		%Rec	1	11/22/2017 2:41:00 AM	C47278
Surr: Toluene-d8	96.7	70-130		%Rec	1	11/22/2017 2:41:00 AM	C47278

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Project: Bell Lake

Lab Order: 1711982

Lab ID: 1711982-009
Collection Date: 11/15/2017 5:10:00 PM
Client Sample ID: GW-086232-111517-SP-MW-21
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch ID
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	ND	5.0		mg/L	10	11/23/2017 1:13:42 AM	A47332
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	270	40.0	D	mg/L	1	11/21/2017 6:19:00 PM	35078
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	11/22/2017 3:04:00 AM	C47278
Toluene	ND	1.0		µg/L	1	11/22/2017 3:04:00 AM	C47278
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 3:04:00 AM	C47278
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 3:04:00 AM	C47278
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	11/22/2017 3:04:00 AM	C47278
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	11/22/2017 3:04:00 AM	C47278
Surr: Dibromofluoromethane	106	70-130		%Rec	1	11/22/2017 3:04:00 AM	C47278
Surr: Toluene-d8	97.1	70-130		%Rec	1	11/22/2017 3:04:00 AM	C47278

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711982**

05-Dec-17

Client: GHD

Project: Bell Lake

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/22/2017**	SeqNo:	**1510341**	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:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/22/2017**	SeqNo:	**1510342**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.8	90	110			

Sample ID	**1711982-009BMS**	SampType:	**ms**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**GW-086232-111517-**	Batch ID:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/23/2017**	SeqNo:	**1510364**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	49	5.0	50.00	3.720	90.2	80.8	121			

Sample ID	**1711982-009BMSD**	SampType:	**msd**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**GW-086232-111517-**	Batch ID:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/23/2017**	SeqNo:	**1510365**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	48	5.0	50.00	3.720	89.5	80.8	121	0.745	20	

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**R47338**	RunNo:	**47338**					
Prep Date:		Analysis Date:	**11/27/2017**	SeqNo:	**1511041**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID	**LCS-b**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSW**	Batch ID:	**R47338**	RunNo:	**47338**					
Prep Date:		Analysis Date:	**11/27/2017**	SeqNo:	**1511043**	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	91.4	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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711982**

05-Dec-17

Client: GHD

Project: Bell Lake

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **A47278**	RunNo: **47278**
Prep Date:	Analysis Date: **11/21/2017**	SeqNo: **1508222** 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			
Toluene	20	1.0	20.00	0	98.4	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		111	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	9.8		10.00		97.5	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **A47278**	RunNo: **47278**
Prep Date:	Analysis Date: **11/21/2017**	SeqNo: **1508223** 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		109	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	9.5		10.00		95.1	70	130			

Sample ID **rb2**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **C47278**	RunNo: **47278**
Prep Date:	Analysis Date: **11/22/2017**	SeqNo: **1508726** 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		105	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.7	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	9.8		10.00		97.5	70	130			

Sample ID **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **C47278**	RunNo: **47278**
Prep Date:	Analysis Date: **11/22/2017**	SeqNo: **1508727** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711982**

05-Dec-17

Client: GHD

Project: Bell Lake

Sample ID **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **C47278**	RunNo: **47278**
Prep Date:	Analysis Date: **11/22/2017**	SeqNo: **1508727** 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	93.6	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		109	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	11		10.00		107	70	130			
Surr: Toluene-d8	9.8		10.00		97.6	70	130			

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711982**

05-Dec-17

Client: GHD

Project: Bell Lake

Sample ID	**MB-35078**	SampType:	**MBLK**	TestCode:	**SM2540C MOD: Total Dissolved Solids**					
Client ID:	**PBW**	Batch ID:	**35078**	RunNo:	**47276**					
Prep Date:	**11/20/2017**	Analysis Date:	**11/21/2017**	SeqNo:	**1507898**	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-35078**	SampType:	**LCS**	TestCode:	**SM2540C MOD: Total Dissolved Solids**					
Client ID:	**LCSW**	Batch ID:	**35078**	RunNo:	**47276**					
Prep Date:	**11/20/2017**	Analysis Date:	**11/21/2017**	SeqNo:	**1507899**	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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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: 1711982 | RcptNo: 1

Received By: Dennis Suazo 11/17/2017 10:20:00 AM

Completed By: Sophia Campuzano 11/20/2017 8:48:20 AM

Reviewed By: ENM 11/20/17

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.0	Good	Yes			

Chain-of-Custody Record

Client: GHD - Albuquerque

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

Phone #: 505-884-0672

email or Fax#: Bernard.Bockisch@ghd.com

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Bell Lake

Project #: 086232

Project Manager: Bernard Bockisch

Sampler: Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 4.1 - 1.1(cF) = 3.0

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1711982	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	300.0 Chloride	TDS SM2540	8260 BTEX		Air Bubbles (Y or N)
11/14/17	1352	GW	GW-086232-111417-SP-MW-14	misc.	HCl/H2O	-001	X											X	X	X		
	1555		GW-086232-111417-SP-MW-15			-002																
	1718		GW-086232-111417-SP-MW-16			-003																
11/15/17	940		GW-086232-111517-SP-MW-13			-004																
	1120		GW-086232-111517-SP-MW-17			-005																
	1418		GW-086232-111517-SP-MW-12			-006																
	1258		GW-086232-111517-SP-MW-18			-007																
	1550		GW-086232-111517-SP-MW-19			-008																
	1710		GW-086232-111517-SP-MW-21			-009																

Date:	Time:	Relinquished by:	Received by:	Date	Time
11/16/17	7:10	Steven Perez		11/16/17	0710
11/16/17	1900			11/17/17	1020

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.

courier 11/17/17 DDS

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

December 06, 2017

Bernie Bockish
GHD
6121 Indian School #200
Albuquerque, NM 87110
TEL:
FAX

RE: Bell Lake OrderNo.: 1711986

Dear Bernie Bockish:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/18/2017 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 #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086232-111617-SP-MW-20
Project: Bell Lake
Collection Date: 11/16/2017 5:38:00 PM
Lab ID: 1711986-001
Matrix: AQUEOUS
Received Date: 11/18/2017 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **CJS**
Chloride	290	50	*	mg/L	100	11/23/2017 2:40:35 AM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	ND	1.0		µg/L	1	11/22/2017 11:40:07 PM
Toluene	ND	1.0		µg/L	1	11/22/2017 11:40:07 PM
Ethylbenzene	ND	1.0		µg/L	1	11/22/2017 11:40:07 PM
Xylenes, Total	ND	1.5		µg/L	1	11/22/2017 11:40:07 PM
Surr: 1,2-Dichloroethane-d4	96.9	70-130		%Rec	1	11/22/2017 11:40:07 PM
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	11/22/2017 11:40:07 PM
Surr: Dibromofluoromethane	98.0	70-130		%Rec	1	11/22/2017 11:40:07 PM
Surr: Toluene-d8	99.1	70-130		%Rec	1	11/22/2017 11:40:07 PM

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD
Client Sample ID: GW-086232-111617-SP-MW-10
Project: Bell Lake
Collection Date: 11/16/2017 7:06:00 PM
Lab ID: 1711986-002
Matrix: AQUEOUS
Received Date: 11/18/2017 9:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **MRA**
Chloride	3200	100	*	mg/L	200	11/27/2017 6:33:40 PM
EPA METHOD 8260: VOLATILES SHORT LIST						Analyst: **DJF**
Benzene	8.5	1.0		µg/L	1	11/23/2017 12:09:04 AM
Toluene	ND	1.0		µg/L	1	11/23/2017 12:09:04 AM
Ethylbenzene	1.0	1.0		µg/L	1	11/23/2017 12:09:04 AM
Xylenes, Total	ND	1.5		µg/L	1	11/23/2017 12:09:04 AM
Surr: 1,2-Dichloroethane-d4	94.3	70-130		%Rec	1	11/23/2017 12:09:04 AM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	11/23/2017 12:09:04 AM
Surr: Dibromofluoromethane	93.7	70-130		%Rec	1	11/23/2017 12:09:04 AM
Surr: Toluene-d8	102	70-130		%Rec	1	11/23/2017 12:09:04 AM

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711986**

06-Dec-17

Client: GHD

Project: Bell Lake

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/22/2017**	SeqNo:	**1510341**	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:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/22/2017**	SeqNo:	**1510342**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.7	0.50	5.000	0	93.8	90	110			

Sample ID	**1711982-009BMS**	SampType:	**ms**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**BatchQC**	Batch ID:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/23/2017**	SeqNo:	**1510364**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	49	5.0	50.00	3.720	90.2	80.8	121			

Sample ID	**1711982-009BMSD**	SampType:	**msd**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**BatchQC**	Batch ID:	**A47332**	RunNo:	**47332**					
Prep Date:		Analysis Date:	**11/23/2017**	SeqNo:	**1510365**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	48	5.0	50.00	3.720	89.5	80.8	121	0.745	20	

Sample ID	**MB**	SampType:	**mblk**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**PBW**	Batch ID:	**R47338**	RunNo:	**47338**					
Prep Date:		Analysis Date:	**11/27/2017**	SeqNo:	**1511041**	Units:	**mg/L**			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID	**LCS-b**	SampType:	**lcs**	TestCode:	**EPA Method 300.0: Anions**					
Client ID:	**LCSW**	Batch ID:	**R47338**	RunNo:	**47338**					
Prep Date:		Analysis Date:	**11/27/2017**	SeqNo:	**1511043**	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	91.4	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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1711986**

06-Dec-17

Client: GHD

Project: Bell Lake

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **PBW**	Batch ID: **B47319**	RunNo: **47319**
Prep Date:	Analysis Date: **11/22/2017**	SeqNo: **1509540** 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	9.4		10.00		94.0	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.5	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.9	70	130			
Surr: Toluene-d8	9.2		10.00		91.7	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260: Volatiles Short List**
Client ID: **LCSW**	Batch ID: **B47319**	RunNo: **47319**
Prep Date:	Analysis Date: **11/22/2017**	SeqNo: **1509541** 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	98.8	70	130			
Surr: 1,2-Dichloroethane-d4	9.3		10.00		92.7	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.2	70	130			
Surr: Toluene-d8	9.4		10.00		94.3	70	130			

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 Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

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: 1711986 | RcptNo: 1

Received By: Erin Melendrez 11/18/2017 9:20:00 AM

Completed By: Sophia Campuzano 11/20/2017 9:12:11 AM

Reviewed By: ENM 11/20/17

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.5	Good	Yes			

Chain-of-Custody Record

Client: GHD-Albuquerque

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

Phone #: 505-884-0672

email or Fax#: Bernard.Bockisch@ghd.com

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: Bell Lake

Project #: 086232

Project Manager: Bernard Bockisch

Sampler: Steve Perez

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.8+0.7(CF)=2.5

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

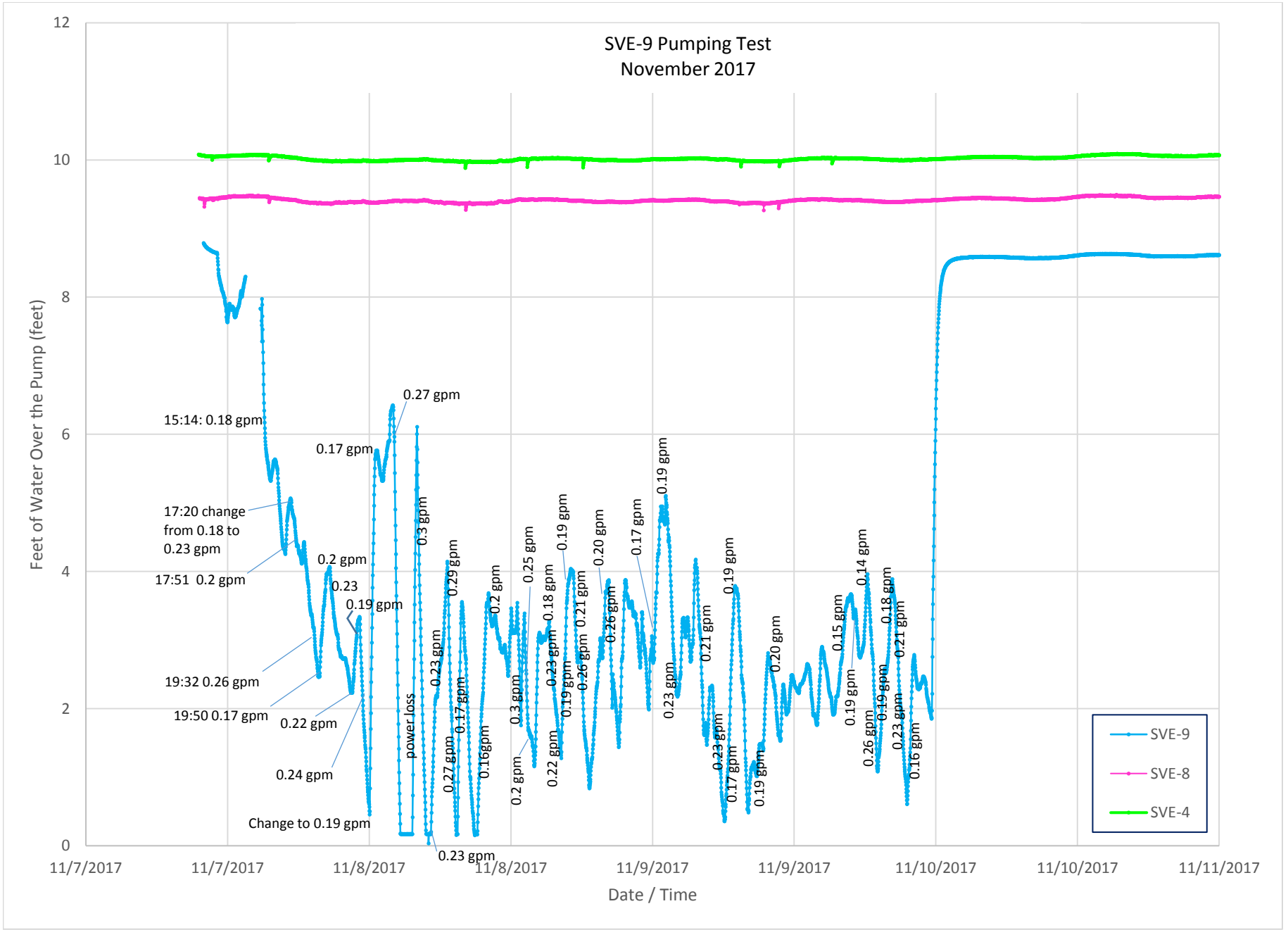
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1711986	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	300.0 Chloride	8260 BTEX			Air Bubbles (Y or N)
11/16/17	1738	GW	GW-086232-111617-SP-MW-20	misc.	HCl	-001												X	X	X		
11/16/17	1906	GW	GW-086232-111617-SP-MW-10	↓	↓	-002												X	X	X		

Date:	Time:	Relinquished by:	Received by:	Date	Time
11/17/17	900am			11/21/17	1300
11/21/17	1900			11/18/17	0920

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.

Appendix D
Pumping Test Data Chart 1


SVE-9 Pumping Test
November 2017
Feet of Water Over the Pump (feet)
Date / Time
12
10
8
6
4
2
0
11/7/2017
11/7/2017
11/8/2017
11/8/2017
11/9/2017
11/9/2017
11/10/2017
11/10/2017
11/11/2017
15:14: 0.18 gpm
17:20 change from 0.18 to 0.23 gpm
17:51 0.2 gpm
19:32 0.26 gpm
19:50 0.17 gpm
0.22 gpm
0.24 gpm
Change to 0.19 gpm
0.23 gpm
0.17 gpm
0.27 gpm
0.2 gpm
0.23
0.19 gpm
power loss
0.3 gpm
0.23 gpm
0.27 gpm
0.17 gpm
0.29 gpm
0.16gpm
0.2 gpm
0.3 gpm
0.2 gpm
0.25 gpm
0.22 gpm
0.23 gpm
0.18 gpm
0.19 gpm
0.19 gpm
0.21 gpm
0.26 gpm
0.20 gpm
0.26 gpm
0.17 gpm
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0.23 gpm
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0.23 gpm
0.17 gpm
0.19 gpm
0.19 gpm
0.20 gpm
0.15 gpm
0.19 gpm
0.14 gpm
0.26 gpm
0.19 gpm
0.18 gpm
0.23 gpm
0.21 gpm
0.16 gpm
SVE-9
SVE-8
SVE-4

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