GW-005

Groundwater Monitor Report

DATE:
Jan 5, 2010

GW005

AGWMR

Larson & Associates, Inc.
Environmental Consultants

November 17, 2009

VIA EMAIL: Carl.Chavez@state.nm.us

Mr. Carl Chavez
Environmental Engineer
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

DTW @ 20'

Re: Free Product Assessment and Recovery Update
Targa Midstream Services, L.P., Eunice Gas Plant (GW-005)
Unit Letter A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East
Lea County, New Mexico

Dear Mr. Chavez:
This letter is submitted to the New Mexico Oil Conservation Division (OCD) on behalf Targa Midstream Services, L.P. (Targa) by Larson & Associates, Inc. (LA), its consultant, to update the OCD on source evaluation and recovery of free phase petroleum hydrocarbons (condensate) recently discovered in monitoring well MW-3 at the Eunice Gas Plant (Facility). The Facility is located in unit A (NE/4, NE/4), Section 3, Township 22 South, Range 37 East, in Lea County, New Mexico. The geodetic position is 32.42237196 degrees north and 103.1453015 degrees west. Figure 1 presents a location and topographic map. Figure 2 presents a Facility drawing.

Chronology

October 12, 2009 — Free phase petroleum hydrocarbons (condensate) was discovered in monitoring well MW-3 during semi-annual groundwater monitoring activities and immediately reported to client, whom notified the OCD in Santa Fe, New Mexico;

Targa collected samples from well MW-3 and possible sources including the XTO inlet scrubber and closed drain scrubber, for sulfur and fingerprint analysis. The samples were submitted to Cardinal Laboratories, located in Hobbs, New Mexico;

Targa pressure tested underground lines in the vicinity of well MW-3;

October 21, 2009 LAI performed a bail-out test of the free phase hydrocarbons in MW-3 to determine the formation thickness of the hydrocarbons;

November 13, 2009 Recovery of free phase product began in well MW-3 using a pneumatic pumping system.

Fingerprint Analysis

On September 12, 2009, Targa personnel collected liquid samples from the XTO inlet scrubber, closed drain scrubber and monitoring well MW-3. The samples were delivered under chain of custody control to Cardinal Laboratories (Cardinal) located in Hobbs, New Mexico. Cardinal transferred the samples to Caprock Laboratories (Caprock) located in Midland, Texas, which were analyzed for total sulfur, API gravity and extended hydrocarbons by gas chromatography (GC). A condensate sample from the waste oil (Shell) tank was also collected but results were not available for this report. The liquid sample from the XTO inlet scrubber was a water solution that contained no phase-separated hydrocarbons for fingerprint analysis. Caprock reported concentrations for three (3) biomarker parameters in the closed drain samples that were either not present or present at lower concentrations in the sample from MW-3. The biomarker parameters included farnesane (C-14), pristane (C-17) and phytane (C-18). Neither pristine or phytane were reported in the sample from MW-3, but constituted 4.86% and 1.88% of the closed drain sump sample. Farnesane was 0.170% in the sample from MW-3 and 2.11% in the closed drain sump sample. The closed drain sump is not considered a source for the hydrocarbons based on the fingerprint analysis. Targa will submit the results for the waste oil (Shell) tank sample upon receipt from the laboratory. Figure 3 presents a detailed schematic showing the locations for the XTO Inlet Scrubber, Closed Drain Scrubber and monitoring well MW-3. Appendix A presents the laboratory report.

Underground Line Testing

Targa personnel performed short-term (15 minute) pressure tests on nine (9) underground lines in the vicinity of monitoring well MW-3, including the closed drain scrubber, XTO inlet scrubber, north and south vapor recovery unit (VRU) sales tanks, 3-phase separator, west and east inlet scrubbers, new condensate (Shell) tanks, gunbarrel tank, sump and lease automatic custody transfer (LACT) for sales lines. The lines were blocked, pressurized above operating pressure and manually observed for about 15 minutes for pressure decreases. No pressure decreases were observed concluding that the tested lines are not sources for the hydrocarbons in well MW-3. Figure 3 presents a detailed schematic for the locations of tested lines.

LIQUID LINES HC + WATER

Bailout Test

On October 23, 2009, LAI personnel performed a bail-out test in well MW-3 to determine the thickness of product in the formation. The bail-out test was performed by measuring the static water and product level in the well prior to removing hydrocarbons by hand bailing with a disposable polyethylene bailer. The rate of water and product recovery was monitored until an inflection point was observed. The inflection point occurs when the product thickness in the well equalizes with the product thickness in the formation and is based on the method by Gruszczenski (1987, NGWA). The apparent hydrocarbon product thickness, prior to the bail-out test, was 5.06 feet. An inflection point was observed at approximately 95 minutes after recovery began. The calculated product thickness was 1.44 feet and the capillary fringe height was 3.62 feet. On Appendix B presents the bail-out test results.

On July 29, 2008, Targa personnel reported a spill to the OCD District 1 office in Hobbs, New Mexico. The spill occurred near the closed drain scrubber that was previously located near an excavation where the waste oil (Shell) tanks were located about 100 feet northwest (upgradient) of well MW-3. The release involved about 20 barrels of condensate when a dresser sleeve on a line failed due to over pressuring from pigging operations. The condensate ran into the excavation of the former waste oil (Shell) tanks and was collected using a vacuum truck. A track hoe was used to remove contaminated soil from the bottom of the excavation and placed in the on-site OCD permitted landfarm. The spill is considered a possible source for the hydrocarbons in well MW-3. Appendix C presents form C-141.

Hydrocarbon Product Recovery

On November 13, 2009, LAI personnel began recovering hydrocarbon product from well MW-3 using a Keck pneumatic product recovery system (PRS) manufactured by GeoTech, Inc., Denver, Colorado. The PRS is designed to efficiently collect free floating hydrocarbons in monitoring wells, and consists of a control panel, down-hole stainless steel bladder pump, floating skimmer attachment and pneumatic tank full sensor. Air is supplied via a stainless steel line from the compressor building and a pressure regulator is located near the well. The product is discharged into a 55-gallon polyethylene drum positioned inside secondary containment. The tank full sensor is positioned inside the polyethylene drum to signal the controller to shut off the pump once the drum level is full. Approximately 50 gallons of hydrocarbon product was recovered from well MW-3 between November 13 and 16, 2009.

50 gals F-M

LAI will record the volume of hydrocarbon product recovered from the well by tracking the drums of hydrocarbon product filled by the pump. The drums will be emptied by

500 BBLS.

Targa personnel and placed into the condensate (Shell) tanks. LAI will monitor the rate of product recovery to determine if there is an active source for the hydrocarbons and report these results to the OCD. Targa will continue recovering free product from well MW-3 using the pneumatic pump, unless otherwise directed by the OCD.
Appendix D presents the PRS specifications.

The results of line pressure testing and fingerprint analysis conclude that none of the t4ested lines or the closed drain sump is the source for the hydrocarbons. Targa will submit to the OCD the results of the fingerprint analysis of the condensate (Shell) tank samples upon receipt from the laboratory. A report summarizing the recovery of hydrocarbon product and determination of an active source will be submitted to the OCD on or before December 21, 2009. Please contact myself at (432) 687-0901 or Cal Wrangham at (432) 688-0452, if you have questions. We may also be reached by emailing mark@laenvironmental.com or CWrangham@targaresources.com.
Sincerely,
Larson & Associates, Inc.

↑ [BENZENE] 4000 / 500

- PITS ?
- X-SECS
- CAL WRANGHAM
- MARK LARSON

Mark J. Larson, P.G., C.P.G., C.G.W.P.
Senior Project Manager/President

Encl.

cc: Cal Wrangham, Targa
James Lingnau, Targa
Susan Ninan, Targa
Larry Johnson, OCD - Hobbs

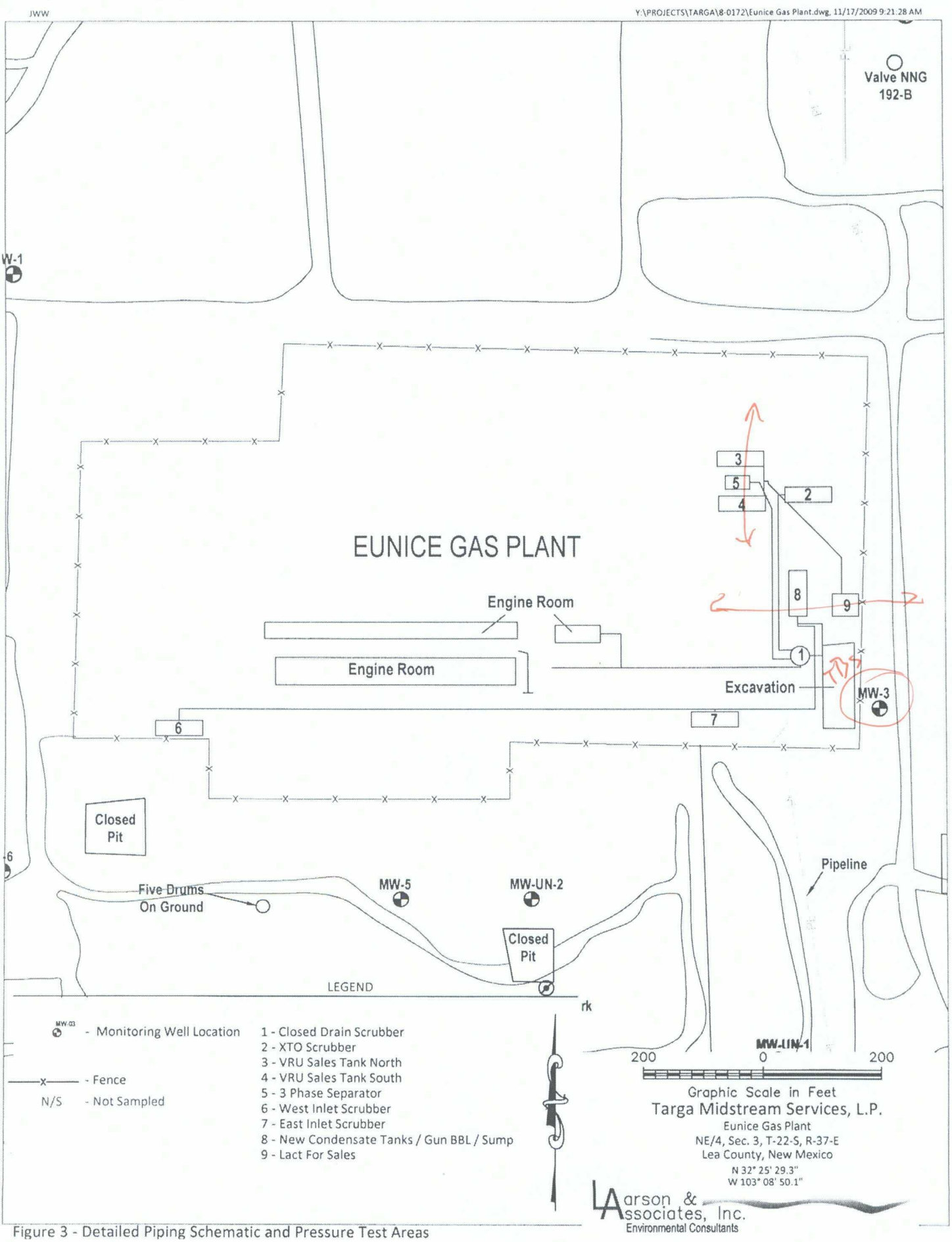


Figure 3 - Detailed Piping Schematic and Pressure Test Areas

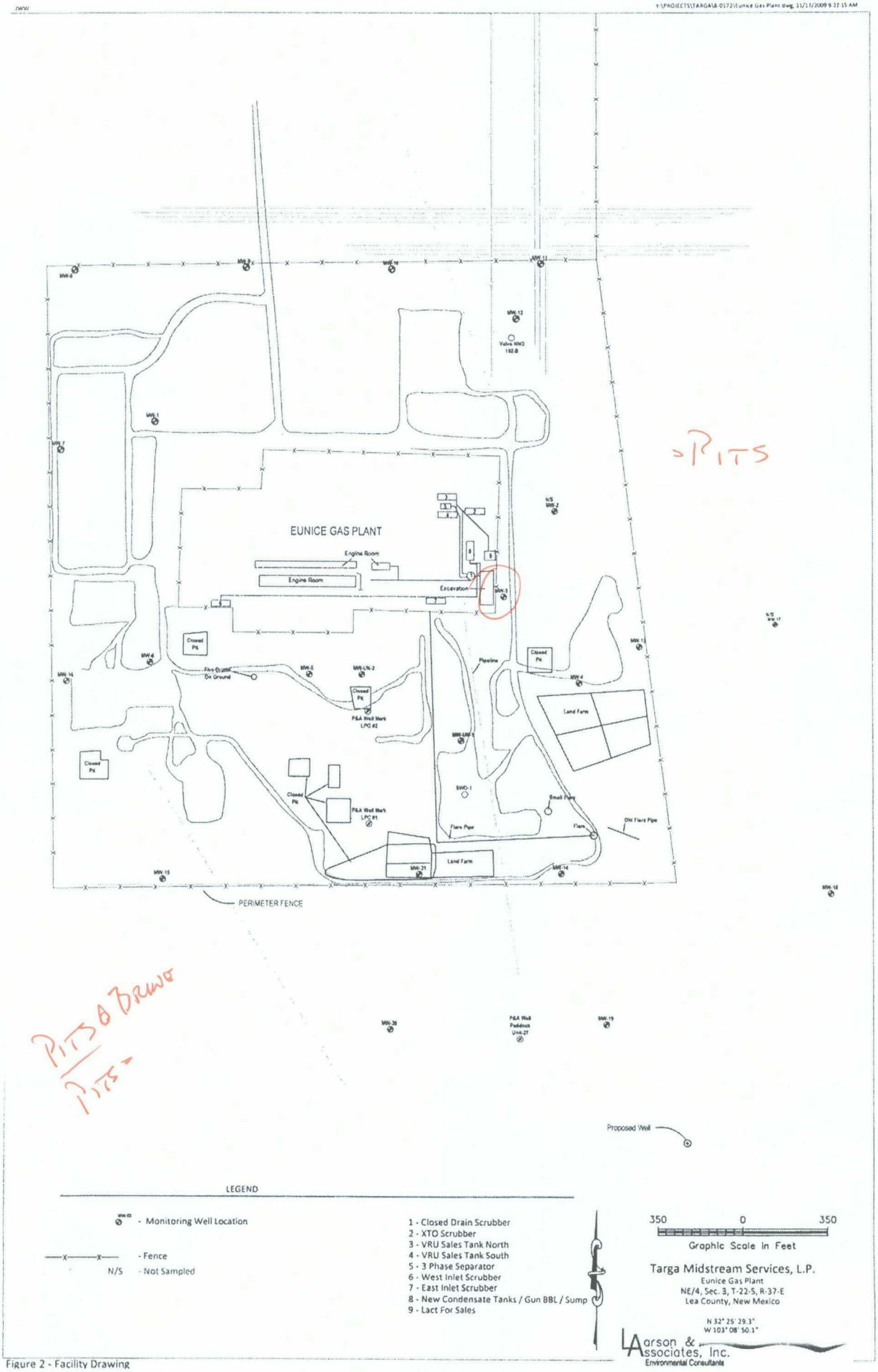


Figure 2 - Facility Drawing

MARK

- FINGERPRINT ANALYSIS, SOURCES, SPILL
- PNEUMATIC PUMP @ FLT - MON. 50 gals.
- ~~ASTs~~ TBs MOVED/REPLACED @ 2008 BEFORE SPILL
  - ↳ DELINEATION @ LEAK → EXCAVATION

JA - MW3 - bail down test

- DRESSER - SLEEVE
  - Closed drain syst @ excavation

ACTIVE SOURCES

- ↳ VOL OF LNAPL @ GW
- ↳ PIPELINES

LOCKING CAPS @ 2" LOCKS.

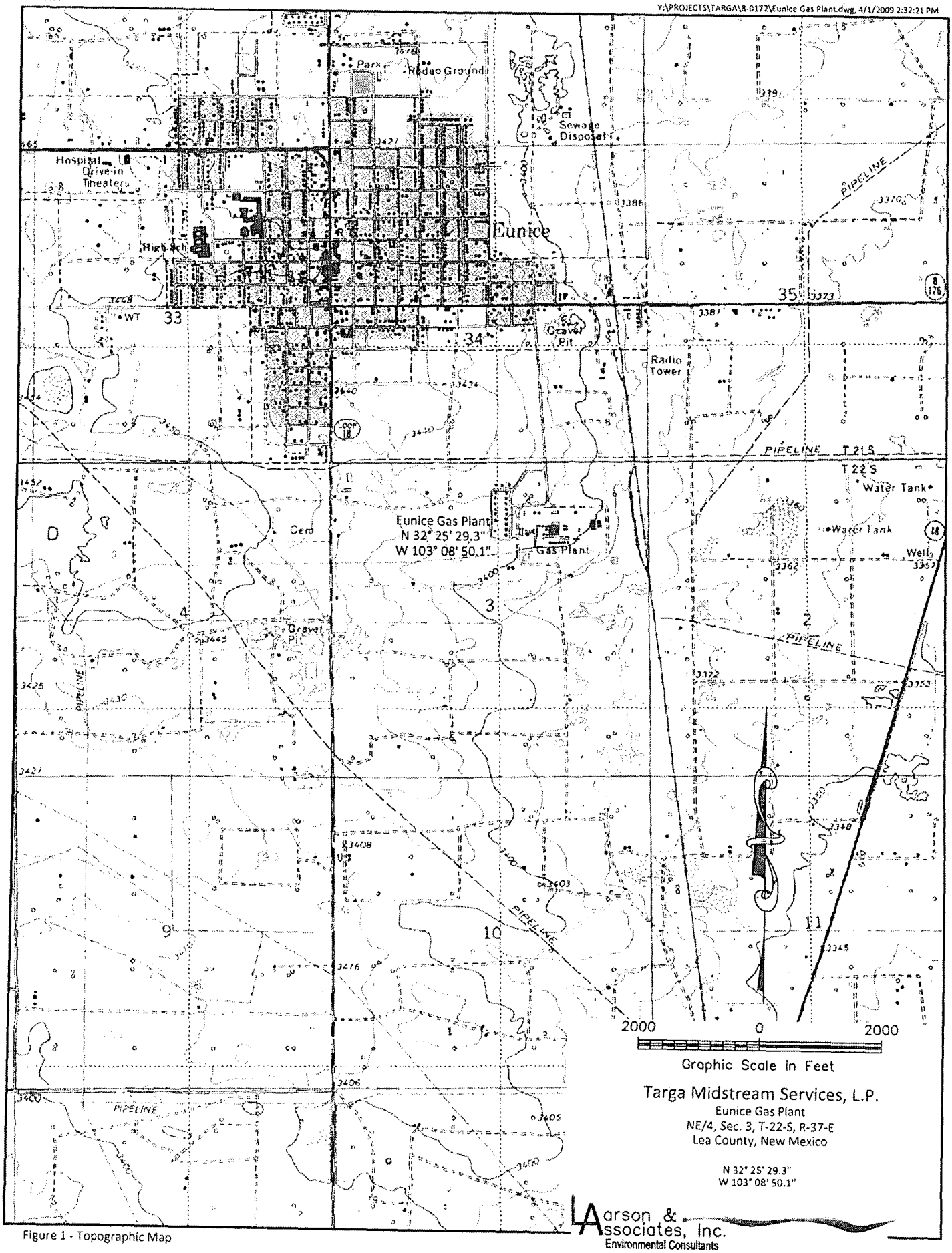
DTW @ MW3 / MW18 Δ30'

MOUNDING @ PLANT DUE TO WATER LEAKS

- ↳ SOIL BORING WP
- ↳ X-SEC
- ↳ PUMP + GAUGE @ 1-2X/WEEK.

JWW

Y:\PROJECTS\TARGA\8-0172\Eunice Gas Plant.dwg, 4/1/2009 2:32:21 PM



Targa Midstream Services, L.P.

Eunice Gas Plant

NE/4, Sec. 3, T-22-S, R-37-E

Lea County, New Mexico

N 32° 25' 29.3"

W 103° 08' 50.1"

Larson & Associates, Inc.

Environmental Consultants

Figure 1 - Topographic Map

Larson & Associates, Inc.
Environmental Consultants

RECEIVED
2010 JAN 7 PM 1 34

January 5, 2010

Mr. Glenn Von Gonten, Sr. Hydrologist
State of New Mexico – Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: 2009 Annual Groundwater Monitoring Report
Targa Midstream Services, L.P., Eunice Gas Plant (GW-005)
Lea County, New Mexico

Dear Mr. Von Gonten:

The enclosed report is submitted to the New Mexico Oil Conservation Division on behalf of Targa Midstream Services, L. P. (Targa) to present the results of groundwater monitoring performed at the Eunice Gas Plant for the 2009 calendar year.

If you have any questions or concerns, please call me at 432.687.0901 to discuss.

Sincerely,

LARSON & ASSOCIATES, INC.

Michelle L. Green
Environmental Scientist

Attachments 2009 Annual Groundwater Monitoring Report

CC Mr. Cal Wrangham, Targa Midstream Services, L.P.
Mr. James Lingnau, Targa Midstream Services, L.P.
Mr. Larry Johnson, OCD Hobbs Office

507 North Marienfeld, Suite 200 ◆ Midland, Texas 79701 ◆ Ph. (432) 687-0901 ◆ Fax (432) 687-0456

2009 Annual Groundwater Monitoring Report

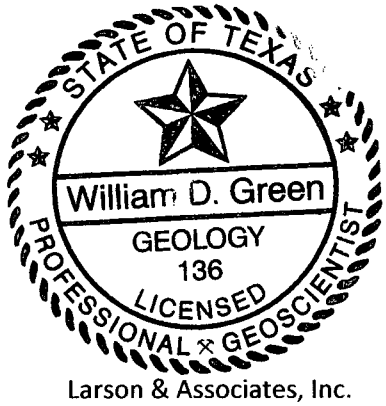
Eunice Gas Plant
(GW-005)
Lea County, New Mexico

Project No. 2-0103

January 4, 2010

Prepared for:
Targa Midstream Services, L.P.
6 Desta Drive, Suite 3300
Midland, Texas 79705

Prepared by:
William D. Green, PG
Texas Professional Geologist No. 136



Larson & Associates, Inc.
507 North Marienfeld, Suite 200
Midland, Texas 79701

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1.0 Executive Summary

This report presents the 2009 results for groundwater investigation/monitoring at the Targa Midstream, L.P. (Targa) Gas Plant located in Unit B (NW/4, NE/4), Section 3, Township 22 South, Range 37 East, Eunice, Lea County, New Mexico (Site or Property, Figure 1). The Facility operates under New Mexico Oil Conservation Division (OCD) discharge permit GW-005.

The following groundwater investigation activities were conducted during the past year:

- Groundwater Gauging and Sampling Event on March 23-24, 2009
- Groundwater Gauging and Sampling Event on October 12-13, 2009

The following observations are documented in this report:

- Groundwater flow direction remains consistent towards the southeast
- Groundwater mounding beneath the facility continues to exist in the vicinity of MW-03, but appears to be subsiding
- A pipeline release of condensate has affected MW-03; product recovery is successfully removing the light, nonaqueous phase liquids (LNAPL)
- Benzene concentrations exceeding the WQCC human health standard was observed in eight monitor wells during 2009
- Chloride, sulfate or TDS values exceeding the WQCC domestic water quality standards were observed in all monitor wells except upgradient MW-09 and MW-11
- The highest chloride and TDS values were observed in MW-14

Based on the monitoring results, Larson & Associates, Inc. (LAI) recommends the following investigation activities for 2010. Additional activities will be guided by the results of these recommendations. Targa will continue monitoring groundwater semi-annually with the following proposed changes:

- Gauging all site monitor wells semi-annually
- Collecting samples for BTEX, anions, and TDS laboratory analysis from monitor wells that maybe affected by past or current Gas Plant operations – MW-02A, MW-03, MW-04, MW-05, MW-06, MW-13, MW-14, MW-16, and MW-21
- Performing delineation and testing associated with chlorides in MW-14 as outlined in the *2008 Annual Groundwater Monitoring Report* when OCD concurs with the proposal
- Continue LNAPL recovery from MW-03

2.0 Investigation Chronology

The following events have been documented in connection with the GW-005 investigation.

November 21, 2000	New Mexico Oil Conservation Division (OCD) inspects the Eunice Gas Plant facility for groundwater discharge plan renewal (GW-005).
November 28, 2000	OCD issues letter indicating a complaint of discharged wastewater to the ground east of the plant may contain "chrome".
December 18, 2000	Chromium in soil investigation workplan submitted to OCD.
February 7, 2001	Chromium in soil workplan approved.
April 6, 2001	OCD issues letter specifying conditions for renewal. Included are requirements for soil investigation in area east of plant, and the submission of a stormwater runoff plan.
April 26, 2001	Larson & Associates, Inc. (LAI) submits *Report of Investigation for Alleged Chromium Impact,* to OCD.
July 27, 2001	*Groundwater Discharge Plan Renewal* submitted to OCD.
December 26, 2001	OCD requests the installation of groundwater monitoring wells.
April 9, 2002	Initial investigation conducted. MW-01, MW-02, and MW-03 installed. BTEX constituents were identified in MW-02 and MW-03; Chromium was found in upgradient well MW-01.
June 7, 2002	*Preliminary Report of Subsurface Investigation* submitted to OCD.
August 6-9, 2002	Eight monitor wells, MW-04 through MW-11, are installed.
November 22, 2002	LAI submits *Preliminary Report of Continued Subsurface Investigation* to the OCD. Benzene detected in the upgradient MW-11, suggesting impacts unrelated to facility operations. Ten additional monitor wells are proposed.
February 11, 2003	*Subsurface Investigation Report* submitted to the OCD.
March 6, 2003	OCD requests additional delineation at the facility.
April 17, 2003	LAI submits *Workplan and Request for Extension for Continued Groundwater Investigation* to OCD.
June 3-4, 2003	Five monitor wells, MW-12 through MW-16, are installed.
September 4, 2003	*Subsurface and Groundwater Investigation Report* is submitted to the OCD by LAI.
January 15, 2004	LAI submits to the OCD *Modification Request for Groundwater Discharge Plan GW-005.*
March 10, 2005	*2004 Annual Groundwater Monitoring Report* submitted to OCD by LAI.
May 19, 2005	OCD Technical Meeting; OCD requires a plan to identify the source of contamination in the areas of monitor wells MW-03, MW-06, MW-11, and MW-14, and a plan to investigate contamination downgradient of MW-14.
October 4, 2005	LAI submits to OCD *Contaminant Source Identification and Investigation Work Plan*. The plan calls for four additional monitor wells south and east of the facility.
October 31, 2005	LAI install MW-19 and MW-20 south of MW-14 and the facility.
May 1, 2006	Targa proposes to the OCD a modification to the groundwater monitoring schedule.
May 5, 2006	*2005 Annual Groundwater Monitoring Report* submitted to OCD by LAI.
June 19, 2006	Technical meeting between OCD and LAI. OCD requests the HDPE near MW-03 be excavated; additional monitor wells south of MWs 18-20; historic aerial

	photograph review; Investigate potential release sources near MW-11 and the pipelines to the east.
August 25, 2006	OCD correspondence *Discharge Permit Eunice Gas Plant (GW-005).* The OCD expressed a concern that there is a "significant steady-state stream of artificial recharge water(s) and/or waste(s) infiltrating the Ogallala." Several recommendations were made.
July 31, 2007	*2006 Annual Groundwater Monitoring Report* submitted to OCD by LAI. A workplan for continued groundwater monitoring, performing an electromagnetic conductivity (EM) survey downgradient of the facility, and a soil investigation upon the decommissioning of former slop oil tanks.
July 29, 2008	Targa reported a 20 barrel condensate spill near the closed drain scrubber located about 100 feet northwest of MW-03. Release flowed into open excavation, and was recovered using vacuum truck,
September 2, 2008	*2007 Annual Groundwater Monitoring Report* submitted to OCD by LAI. Proposed investigation activities included: completion of slop oil tank soil remediation; aerial photograph review of the MW-11 area; performing EM survey south of MW-14; installing a soil boring west of MW-14; collecting stratified water samples; conducting aquifer slug and pump testing; installing a replacement well MW-02A; replacing MW-17; and resurveying MW-05.
November 4, 2008	Electromagnetic conductivity (EM) surveying activities commence.
February 18, 2009	MW-02A, MW-17A, and MW-21 installed. MW-17A subsequently plugged & abandoned (P&A) as a dry hole. MW-02 also P&A-ed.
March 3, 2009	Performed 1st 2009 semi-annual groundwater monitoring event. Also conducted hydrostratigraphic profiling conducted on MW-02A, MW-03, MW-05, MW-13, MW-14, MW-18, MW-19, MW-20, and MW-21 using InSitu Troll 9500XT Pro measuring temperature, pH, conductivity, ORP, dissolved oxygen, and chlorides.
March 3 – 5, 2009	Slug tests performed using MW-02A, MW-03, MW-05, MW-13, MW-14, MW-18, MW-19, MW-20, and MW-21.
June 22, 2009	*2008 Annual Groundwater Monitoring Report* submitted to OCD by LAI. Proposed investigation activities included: gauging monitor wells semi-annually and collecting samples for BTEX, anions, and TDS analysis; installing monitor wells for delineation of the chloride contamination observed in MW-14; and Installing a recovery well for pump testing.
October 12, 2009	Performed 2nd 2009 groundwater monitoring event. 5.15 feet of LNAPL discovered on MW-03 during gauging.
October 21, 2009	LNAPL recovery test conducted in MW-03. Calculated 1.44 feet LNAPL thickness, 3.62 feet capillary fringe.
November 13, 2009	Product recovery begins using Keck PRS System installed in MW-03.
November 17, 2009	*Free Product Assessment and Recovery Update* submitted to OCD.

3.0 Vicinity Characteristics

3.1 Topography

The elevation of the Site is approximately 3,400 feet above mean sea level as shown on the Eunice, New Mexico (1969) USGS 7.5-Minute Quadrangle Maps. The topographic region is the relatively flat *Eunice Plains* region of the *Querecho Plains.* The facility vicinity slopes to the south with surface runoff from the facility routed south a low area near the south boundary fence, then east, terminating in the desert east of the site without any apparent surface connection to (South) Monument Draw. A current topographic map is included as Figure 1.

3.2 Geology

The *Geologic Map of New Mexico* (2003) and the *Geologic Atlas of Texas, Hobbs Sheet* indicate the vicinity's surface geology is comprised of Holocene to mid-Pleistocene age interlaid eolian and piedmont-slope deposits. This material covers the eastern flank of the Pecos River valley. These surficial deposits are primarily derived from reworking the underlying Tertiary-aged Ogallala Formation of the Southern High Plains, which are also comprised of alluvial and eolian deposits with petrocalcic soils. The Ogallala Formation is comprised of fluviatile sand, silt, clay and localized gravel, with indistinct to massive crossbeds. The Ogallala sand is generally fine- to medium-grained quartz, and is known to contain arsenic, barium and other heavy metals in an easily mobilized Van der Waals bonded surficial coating.

Monitor well boring logs indicate a general lithology of an unconsolidated veneer of eolian sand over an eight- to 20-foot thickness of carbonate-indurated sand (caliche). The caliche layer is most like the zone of illuviation where carbonate dust accumulates from surface transportation by meteoric water movement. Beneath the caliche layer is a thickness of fine-grained pink quartz sand. Locally this sand is lithified into sandstone, with clayey sand or red-bed clay observed in the bottom of some monitor wells. The sandstone layer most likely represents an *in situ* deposition layer at the funicular and pendular vadose zone interaction zone during former higher-standing water table conditions.

Regional Structure

The site is located over the north-central portion of the Central Basin Platform, a large elevated block between the Delaware and Midland Basins of southeastern New Mexico and West Texas. Prior to late Mississippian time this region had only mild structural deformation, producing broad shallow depressions and regional arches. Tectonic events associated with the Marathon-Ouachita orogeny in the late Mississippian uplifted the platform and subsequent Pennsylvanian and early Permian deformation compressed and faulted the area. Deformation ceased in the early Permian, as evidenced by high angle faulting that ended during Wolfcampian-aged sedimentation, and the presence of younger strata draped over the preexisting structures. A period of tectonic quiescence followed, during which erosion and gradual subsidence took place. An expanding sea eventually covered the area, depositing several thousand feet of evaporites, carbonates, and shales.

During Triassic time the region underwent slow uplift and erosion followed by down-warping that created a large landlocked basin that was filled with sediments that accumulated in flood plain, deltaic and lacustrine environments. This was followed by another period of erosion during Jurassic time, and a

final marine inundation by Cretaceous seas, resulting in the deposition of a basal clastic unit with overlying marine shales and carbonates.

The Laramide Orogeny (when Rocky Mountains were formed) uplifted the area west of the Permian Basin and the Cretaceous sea retreated to the south and east. There has been no significant faulting since Permian time; only gentle regional tilting with some local folding and small scale faulting. Hills (1970) postulated that later normal movement may have occurred by reactivation of existing faults, but that the movement was not sufficient to noticeably displace the overlying Permian strata. Hills (1970) further postulated that late movement along the faults may have created a conduit for fresh water for dissolution of Permian evaporate beds. The faults and fractures in the vicinity of the site do not appear to be active. Tension fractures being somewhat more open may be able to hold water longer and thereby account for the enhanced vegetation and development of erosional features such as playas along fractures. A magnitude 5 earthquake beneath the Drinkard Oilfield, approximately seven miles south of the facility, demonstrates that the region is not totally without seismic activity.

Regional Stratigraphy

Regionally, the Precambrian basement is overlain by marine Cambro-Ordovician platform carbonates and Silurian-Devonian carbonates and shales. These sediments are truncated unconformably by Permian deposits consisting of marine shale, limestone, sandstone, marl, and evaporites. Permian age deposits are unconformably overlain by the Triassic Chinle Group. The Triassic Chinle Group is described as a series of fluvial and lacustrine mudstone, siltstone, sandstone, and silty dolomite strata. Cretaceous sediment strata were deposited as a shallow sea transgressed across the region, and unconformably overlie the Chinle Group. As the shallow sea regressed much of the Cretaceous section was eroded away prior to deposition of the overlying Tertiary Ogallala Formation. The depositional facies of the Ogallala Formation is a series of fluvial valley fills with both valley fills and interfluves overlain by eolian sediments. The Quaternary Blackwater Draw Formation, which overlies the Tertiary Ogallala Formation, consists of windblown sands, silts, and clays.

In the Eunice area, the Ogallala formation consists mainly of unconsolidated to poorly consolidated, very fine to medium-grained sand and gravel, with minor amount of silt and clay up to 30 feet thick under the site. Locally the "c" horizon of the modern soil is called the caprock caliche. The caprock is a hard, erosion resistant, pedogenic calcrete that is typically five to ten feet thick but may exceed 20 feet in some areas. In these areas, the caliche is actually forming in, and incorporating, Holocene sediments, and normally is a misnomer, as the caprock can be found as a deeper stratum. The upper-most unit, the Blackwater Draw Formation, consists of reddish brown, very fine to fine grained eolian sand with minor amounts of clay and caliche. Thicknesses up to approximately 20 feet have been observed across the facility.

Subsidence features due to salt dissolution are present in the region; these all overlie the Permian-aged Capitan Reef units. Larger structures include the San Simon Swale and the Monument Draw Trough. Immediately north of the site is a possible small sinkhole (between Texas Avenue and Avenue "G", and east of South 4th Street – the Gas Plant entrance road).

3.3 Groundwater Occurrence

Regional direction for groundwater flow is towards the southeast, with variations occurring near pumping stresses and subsurface karst features. The *Office of the State Engineer Southeast New Mexico*

Water Level Data only identifies one water well within the Section, with a reported water level of 32.58 feet below ground surface (bgs) reported on January 27, 1976. Water levels observed at the facility have varied between 17.77 (MW-04, June 6, 2007) and 62.01 (MW-08, June 26, 2006) feet bgs during this investigation.

3.4 Surface Water Occurrence

Throughout much of the United States the hydraulic divisions of surface water recharge zones either affect, or are affected by the movement of groundwater. However, in the desert southwest surface water movement direction often is disassociated with the movement direction of groundwater. This scenario is consistent with conditions found in the vicinity of the facility. There are no streams, springs, or ponds on the facility, or within three miles of the facility. The nearest surface water is the ephemeral "South" Monument Draw, east of Eunice. The nearest springs are Baker Springs, located approximately four miles northeast of the Gas Plant.

There are two Monument Draws within Lea County. Both watersheds have headwaters in Lea County, west of Hobbs. Both watersheds have the same name, without a "North" or "South" discriminator. The "North" Monument Draw flows southeastward to the south of Seminole, Texas, where it combines with Seminole Draw to form Mustang Draw. Mustang Draw is an ephemeral stream, which ends at its confluence with the Colorado River.

The "South" Monument Draw flows southeastward to the east of Eunice, New Mexico, then south toward the Pecos River near Pyote, Texas. Neither watersheds have continuous flow, with the "South" draw feeders particularly broken by anastomosation and karstic playa lake sinks, however, extreme regional storm events may produce enough runoff volume to cause these discontinuous segments to act a single watershed. This "South" Monument Draw is defined by the incised cut approximately 30 feet deep, approximately 2,000 feet wide, and the increased vegetation density; it is located approximately 1.5 miles east of the Facility.

4.0 Groundwater Monitoring Results

Groundwater samples were collected on March 12-13, 2009, and October 12-13, 2009. During the two semi-annual groundwater monitoring events, all 20 monitor wells associated with this investigation were gauged and sampled as conditions allowed (Figure 2).

During the second (October) event, 5.15 feet of LNAPL was discovered floating on the groundwater in MW-03. A baildown test was conducted, and a Keck PRS® floating hydrophobic filter and pneumatic pump recovery system was installed. Information on the system is provided in Section 5.0.

All monitoring data has been mapped using Surfer® version 8 surface contouring and mapping software. Data was reduced using the Kriging geostatistical gridding methodology. Kriging uses a linear least squares estimation algorithm that attempts to model trends suggested by the data.

4.1 Site-Specific Groundwater Hydrology

Table 1 presents a summary of the depth to groundwater measurements. LNAPL was observed floating on the groundwater in MW-03 during the October event. Table 1 summarizes groundwater gauging data. A graph of observed fluid levels is provided in Appendix A.

4.1.1 March 2009 Event

Groundwater potentiometric surface stood between 3,345.99 feet (MW-18) and 3,371.36 feet (MW-03) elevation using WGS 84 datum reference. The groundwater mounding that was first reported in 2003 continues to exist, but as previously reported the mound appears to be subsiding.

Groundwater flow direction is towards the southeast, consistent with previously-reported groundwater flow direction. Groundwater gradient calculations indicate an estimated gradient of 0.011. Figure 3a is a Surfer®-generated plot of the observed groundwater gradient for the March 2009 monitoring event.

4.1.2 October 2009 Event

Groundwater potentiometric surface stood between 3,345.68 feet (MW-18) and 3,370.99 feet corrected (MW-03) elevation using WGS 84 datum reference. The groundwater mounding centered under the east portion of the facility is the dominant hydrologic feature.

Groundwater flow direction is towards the southeast, consistent with the previous groundwater monitoring event. Groundwater gradient calculations indicate an estimated gradient remains at approximately 0.011. Figure 3b is a Surfer®-generated plot of the observed groundwater gradient for the October 2009 monitoring event.

4.2 Groundwater Chemistry

Groundwater samples were collected from monitor wells after approximately three casing volumes of groundwater were removed from each well and the wells had sufficiently recovered. Purging and sampling was accomplished with either a stainless steel environmental pump with backflow preventer and polyethylene tubing, or for lower-volume wells, using dedicated disposable polyethylene bailers. Purge pumps were cleaned internally and externally with Alconox® and flushed with commercially available distilled water before the event and between wells.

Sample aliquots were collected in laboratory prepared containers, individually labeled, and placed into an ice-chilled chest. Lone Star Overnight courier services delivered the samples under custody seal and chain-of-custody control to DHL Analytical, Inc. (DHL), a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory in Round Rock, Texas. All samples were received intact and below the NELAP-required temperature parameter.

DHL was contracted to analyze the samples for benzene, toluene, ethylbenzene, and total xylenes (BTEX), dissolved metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, calcium, magnesium, potassium and sodium), anions (chloride, sulfate) and water quality parameters alkalinity, and total dissolved solids (TDS). Duplicate samples for a quality control (QC) check were submitted as blind samples to DHL. The duplicates were collected from MW-05 and MW-07 during the March and October events, respectively. Laboratory analytical results are discussed in the following sections. Appendix B contains a CD-ROM of the laboratory analytical reports.

4.2.1 BTEX Analytical Results

Samples for the BTEX petroleum-compounds were submitted for analyses using EPA SW846 method 8021B. The graph of benzene concentrations observed during the life of this investigation indicate there are no clear overall increasing or decreasing trends (Appendix A). All benzene values represent dissolved-phase concentrations that are well below the benzene solubility limit of 1,770 mg/l.

Table 2 presents a cumulative summary of the BTEX analyses. Four wells, MW-03, MW-06, MW-11, MW-14, and MW-UN-01 consistently exceed the WQCC human health level of 0.01 mg/l, while MW-02, MW-12, MW-19, and MW-UN-02 have exhibited excursions above this level. Only MW-03 is downgradient from the facility and appears to be affected by gas plant operations; MW-06 is cross gradient to the southwest and MW-11 is cross gradient to the northeast, while MW-14 appears to be affected by either pipelines or past practices.

March 2009 Benzene Results

Analytical data indicates the following samples exhibited benzene concentrations in excess of the 0.01 milligrams per liter (parts per million, mg/l) WQCC human health standard in the following samples:

- MW-03 (0.197 mg/l)
- MW-06 (0.393 mg/l)
- MW-11 (0.0356 mg/l)
- MW-14 (0.555 mg/l)
- MW-UN-01 (0.0147 mg/l)

A comparison of the primary (MW-05, 0.000805 mg/l) and duplicate (0.000875 mg/l) samples indicate a deviation of 8%. No data quality exceptions were noted in the DHL case narratives. Figure 4a is a Surfer®-generated plot of the observed benzene concentration for the March 2009 monitoring event.

October 2009 Benzene Results

Analytical data indicates the following samples exhibited benzene concentrations in excess of the 0.01 mg/l WQCC human health standard in the following samples:

- MW-06 (1.18 mg/l)
- MW-11 (0.178 mg/l)
- MW-14 (0.700 mg/l)
- MW-19 (0.0491 mg/l)
- MW-21 (0.0112 mg/l)
- MW-UN-01 (0.0373 mg/l)
- MW-UN-02 (0.07070 mg/l)

A comparison of the primary (MW-07, <0.0008 mg/l) and duplicate (<0.0008 mg/l) samples indicate a deviation of 0.0%. Figure 4b is a Surfer®-generated plot of the observed benzene concentration for the October 2009 monitoring event.

4.2.2 Dissolved Metal Analytical Results

Samples for metal analytes were submitted for analyses using EPA SW846 methods 6020 (arsenic, barium, cadmium, chromium, lead, selenium, silver, calcium, magnesium, potassium and sodium) and 7470A (mercury). All samples were laboratory-filtered to exclude particles larger than 0.45µ and acidified with nitric acid within 24 hours of collection.

With the exception of reoccurring arsenic and barium concentrations in MW-03 (downgradient), selenium in MW-04 (downgradient), and barium in MW-11 (upgradient), only chromium is observed above WQCC concentrations regularly (discussed below). Other metals are observed only sporadically above WQCC concentrations. Neither arsenic, barium, cadmium, chromium, lead, mercury, selenium, nor silver were observed in concentrations exceeding the associated WQCC human health standards during either monitoring event.

Table 3 presents a cumulative summary of the dissolved metals analyses. The spatial distribution of chromium concentrations above the 0.05 mg/l WQCC human health standard are primarily to the north and west of the facility – directions that are upgradient of the facility. It appears the observed chromium (and other heavy metals) in groundwater is from normal metal partitioning and disassociation from the parent soils.

4.2.3 Water Chemistry Analytical Results

Water chemistry samples were analyzed for alkalinity (Standard Method M2320B), chloride and sulfate anions (Standard Method E300), and total dissolved solids (Standard Methods M2540C). Chloride, sulfate, or TDS values exceeding WQCC values were observed in all monitor wells except MW-09 and MW-11, both upgradient wells adjacent to multiple east-west oriented pipes. Three other upgradient monitor wells, MW-08, MW-10, and MW-12 are located in proximity and are oriented along pipelines, but exhibit elevated anion or TDS concentrations. This is perplexing, especially when considering that MW-09 is juxtaposed between MW-08 and MW-10.

Table 4 presents a summary of water chemistry analytical results. Graphs were prepared from chlorides and TDS concentrations over time. The two charts have very similar trends – both appear to be relatively linear with neither increasing nor decreasing trends exhibited. Only two upgradient monitor wells, MW-09 and MW-11, appear to be consistently exhibit concentrations within the WQCC domestic water quality standards.

March 2009 Results

Chlorides – Analytical data indicates the following samples exhibited chloride concentrations in excess of the 250 mg/l WQCC domestic water quality standard in the following samples:

- MW-01 (836 mg/l)
- MW-02A (510 mg/l)
- MW-03 (3,050 mg/l)
- MW-04 (517 mg/l)
- MW-06 (322 mg/l)
- MW-07 (285 mg/l)
- MW-08 (662 mg/l)
- MW-10 (509 mg/l)

- MW-12 (2,020 mg/l)
- MW-13 (6,460 mg/l)
- MW-14 (45,500 mg/l)
- MW-15 (1,130 mg/l)
- MW-16 (570 mg/l)
- MW-18 (5,750 mg/l)
- MW-19 (8,750 mg/l)
- MW-20 (2,790 mg/l)
- MW-21 (5,000 mg/l)
- MW-UN-01 (937 mg/l)
- MW-UN-02 (564 mg/l)

Sulfates – Analytical data indicates the following samples exhibited sulfate concentrations in excess of the 600 mg/l WQCC domestic water quality standard in the following samples:

- MW-02A (904 mg/l)
- MW-04 (1,540 mg/l)
- MW-12 (766 mg/l)
- MW-13 (1,260 mg/l)
- MW-14 (1,270 mg/l)
- MW-15 (794 mg/l)
- MW-19 (776 mg/l)
- MW-20 (706 mg/l)

TDS – Analytical data indicates the following samples exhibited TDS concentrations in excess of the 1,000 mg/l WQCC domestic water quality standard in the following samples:

- MW-01 (2,590 mg/l)
- MW-02A (2,960 mg/l)
- MW-03 (6,540 mg/l)
- MW-04 (4,320 mg/l)
- MW-05 (1,620 mg/l)
- MW-06 (1,520 mg/l)
- MW-07 (1,500 mg/l)
- MW-08 (1,730 mg/l)
- MW-10 (1,530 mg/l)
- MW-12 (5,120 mg/l)
- MW-13 (13,400 mg/l)
- MW-14 (81,400 mg/l)
- MW-15 (3,400 mg/l)
- MW-16 (1,830 mg/l)
- MW-18 (11,600 mg/l)
- MW-19 (16,000 mg/l)
- MW-20 (6,260 mg/l)
- MW-21 (9,200 mg/l)
- MW-UN-01 (2,380 mg/l)
- MW-UN-02 (2,110 mg/l)

All data was reviewed and validated, and is considered usable for this investigation. Figures 5a and 6a are Surfer®-generated plots of observed chloride and TDS concentration for the March 2009 monitoring event.

October 2009 Results

Chlorides – Analytical data indicates the following samples exhibited chloride concentrations in excess of the 250 mg/l WQCC domestic water quality standard in the following samples:

- MW-01 (692 mg/l)
- MW-02A (533 mg/l)
- MW-04 (616 mg/l)
- MW-06 (265 mg/l)
- MW-07 (210 mg/l)
- MW-08 (471 mg/l)
- MW-10 (469 mg/l)
- MW-12 (2,020 mg/l)
- MW-13 (5,780 mg/l)
- MW-14 (50,100 mg/l)
- MW-15 (862 mg/l)
- MW-16 (516 mg/l)
- MW-18 (6,090 mg/l)
- MW-19 (10,200 mg/l)
- MW-20 (3,010 mg/l)
- MW-21 (4,9220 mg/l)
- MW-UN-01 (1,070 mg/l)
- MW-UN-02 (346 mg/l)

Sulfates – Analytical data indicates the following samples exhibited sulfate concentrations in excess of the 600 mg/l WQCC domestic water quality standard in the following samples:

- MW-02A (916 mg/l)
- MW-04 (1,840 mg/l)
- MW-12 (723 mg/l)
- MW-13 (1,130 mg/l)
- MW-14 (1,370 mg/l)
- MW-15 (679 mg/l)
- MW-19 (778 mg/l)
- MW-20 (749 mg/l)

TDS – Analytical data indicates the following samples exhibited TDS concentrations in excess of the 1,000 mg/l WQCC domestic water quality standard in the following samples:

- MW-01 (2,470 mg/l)
- MW-02A (2,690 mg/l)
- MW-03 (6,540 mg/l)
- MW-04 (3,900 mg/l)
- MW-05 (1,420 mg/l)
- MW-06 (1,310 mg/l)
- MW-07 (1,360 mg/l)
- MW-08 (1,440 mg/l)
- MW-10 (1,690 mg/l)
- MW-12 (6,560 mg/l)
- MW-13 (18,200 mg/l)
- MW-14 (83,900 mg/l)
- MW-15 (2,930 mg/l)
- MW-16 (1,710 mg/l)
- MW-18 (11,100 mg/l)
- MW-19 (18,900 mg/l)
- MW-20 (6,260 mg/l)
- MW-21 (8,680 mg/l)
- MW-UN-01 (2,480 mg/l)
- MW-UN-02 (1,460 mg/l)

No data quality exceptions were noted in the DHL case narratives. Figures 5b and 6b are Surfer®-generated plots of observed chloride and TDS concentration for the October 2009 monitoring event.

5.0 Other Investigation Activities

In the *2008 Annual Groundwater Monitoring Report* the following proposals and recommendations were made:

- Gauging all site monitor wells semi-annually
- Collecting samples for BTEX, anions, and TDS laboratory analysis from monitor wells that maybe affected by past or current Gas Plant operations – MW-02A, MW-03, MW-04, MW-05, MW-06, MW-13, MW-14, MW-16, and MW-21
- Installing monitor wells for delineation of the chloride contamination observed in MW-14 in the following locations – inside the fence at the southeast corner of the plant, south of MW-14 approximately 250 feet, southeast of MW-14 approximately 350 feet, northwest of MW-14 approximately 300 feet, and north of MW-14 approximately 300 feet
- Installing a recovery well for pump testing within approximately 100 feet of MW-14, based upon the analytical results from the delineation wells

These proposed activities have been completed:

- Gauging all site monitor wells semi-annually
- Collecting samples for BTEX, anions, TDS and metals laboratory analysis from monitor wells; the removal of metals from the analyte list has not occurred since the OCD has not responded to the *2008 Annual Groundwater Monitoring Report.*

MW-03 LNAPL Recovery

October 12, 2009, 5.15 feet of LNAPL was discovered in MW-03 during monitoring event.

Previously, on July 29, 2008, Targa personnel reported a spill to the OCD District 1 office in Hobbs, New Mexico. The spill occurred near the closed drain scrubber that was previously located near an excavation where the waste oil (Shell) tanks were located about 100 feet northwest (upgradient) of well MW-3. The release of about 20 barrels of condensate occurred when a dresser sleeve on a line failed due to over pressuring from pigging operations. The condensate flowed into the excavation of the former waste oil (Shell) tanks and was subsequently removed using a vacuum truck. A track hoe was used to remove contaminated soil from the bottom of the excavation and placed in the on-site OCD permitted landfarm. The spill is considered a possible source for the hydrocarbons in well MW-03. Appendix C presents form C-141.

On September 12, 2009, prior to the discovery of the LNAPL in MW-03, Targa personnel collected liquid samples from the XTO inlet scrubber, closed drain scrubber, condensate sample from the waste oil (Shell) tank, and monitor well MW-03. The samples were delivered under chain of custody control to Cardinal Laboratories (Cardinal) located in Hobbs, New Mexico. Cardinal transferred the samples to Caprock Laboratories (Caprock) located in Midland, Texas, which were analyzed for total sulfur, API gravity and extended hydrocarbons by gas chromatography (GC).

The liquid sample from the XTO inlet scrubber was a water solution that contained no phase-separated hydrocarbons for fingerprint analysis. Caprock reported concentrations for three (3) biomarker parameters in the closed drain samples that were either not present or present at lower concentrations in the sample from MW-03. The biomarker parameters included farnesane (C-14), pristane (C-17) and phytane (C-18). Neither pristine or phytane were reported in the sample from MW-03, but constituted

4.86% and 1.88% of the closed drain sump sample. Farnesane was 0.170% in the sample from MW-03 and 2.11% in the closed drain sump sample. The closed drain sump is not considered a source for the hydrocarbons based on the fingerprint analysis.

Targa personnel performed short-term (15 minute) pressure tests on nine (9) underground lines in the vicinity of monitoring well MW-03, including the closed drain scrubber, XTO inlet scrubber, north and south vapor recovery unit (VRU) sales tanks, 3-phase separator, west and east inlet scrubbers, new condensate (Shell) tanks, gunbarrel tank, sump, and lease automatic custody transfer (LACT) for sales lines. The lines were blocked, pressurized above operating pressure and manually observed for about 15 minutes for pressure decreases. No pressure decreases were observed concluding that the tested lines are not sources for the hydrocarbons in well MW-03. The results of line pressure testing and fingerprint analysis conclude that none of the tested lines or the closed drain sump is the source for the hydrocarbons.

On October 23, 2009, LAI personnel performed a bail-out test in well MW-03 to determine the thickness of product in the formation. The bail-out test was performed by measuring the static water and product level in the well prior to removing hydrocarbons by hand bailing with a disposable polyethylene bailer. The rate of water and product recovery was monitored until an inflection point was observed. The inflection point occurs when the product thickness in the well equalizes with the product thickness in the formation and is based on the method by Gruszczenski (1987, NGWA). The apparent hydrocarbon product thickness, prior to the bail-out test, was 5.06 feet. An inflection point was observed at approximately 95 minutes after recovery began. The calculated product thickness was 1.44 feet and the capillary fringe height was 3.62 feet. Appendix C presents the bail-out test results.

On November 13, 2009, LAI personnel began recovering hydrocarbon product from well MW-03 using a Keck pneumatic product recovery system (PRS) manufactured by GeoTech, Inc., Denver, Colorado. The PRS is designed to efficiently collect free floating hydrocarbons in monitoring wells, and consists of a control panel, down-hole stainless steel bladder pump, floating skimmer attachment and pneumatic tank full sensor. Air is supplied via a stainless steel line from the compressor building and a pressure regulator is located near the well. The product is discharged into a 55-gallon drum positioned inside secondary containment. The tank full sensor is positioned inside the drum to signal the controller to shut off the pump once the drum level is full. Approximately 40 gallons of hydrocarbon product was recovered from well MW-3 between November 13 and 20, 2009.

On December 21, 2009, LAI on behalf of Targa submitted an update to the OCD concerning LNAPL recovery and source determination. The report included the results of a second bail-out test performed on December 11, 2009. In the second test the inflection point occurred at approximately 120 minutes and the calculated thickness and capillary fringe were 0.90 feet and 3.40 feet, respectively. These results indicate a 60% reduction in LNAPL and a 6.5% reduction in the capillary fringe. Through December 16, 2009, approximately 80.4 gallons of LNAPL and 132 gallons of water were recovered.

LAI will record the volume of hydrocarbon product recovered from the well by tracking the drums of hydrocarbon product filled by the pump. The drums will be emptied by Targa personnel and placed into the condensate (Shell) tanks. LAI will monitor the rate of product recovery to determine if there is an active source for the hydrocarbons and report these results to the OCD. Targa will continue recovering free product from well MW-03 using the pneumatic pump, unless otherwise directed by the OCD.

10.0 Conclusions Based Upon Current Investigation Data

The following observations are documented in this report:

- Groundwater flow direction remains consistent towards the southeast
- Groundwater mounding beneath the facility continues to exist in the vicinity of MW-03, but appears to be subsiding
- Benzene concentrations exceeding WQCC human health standards were observed in eight monitor wells during 2009
- Chloride, sulfate, or TDS values exceeding the WQCC domestic water quality standards were observed in all monitor wells except upgradient MW-09 and MW-11
- The highest chloride and TDS values were observed in MW-14
- LNAPL was discovered in MW-03 on October 12, 2009, and appears to be associated with a release that occurred on July 29, 2008

11.0 Proposed Remedial Investigation Actions for 2010

Targa will continue monitoring groundwater semiannually. Notice will be given to the OCD at least 48-hours prior to each sampling event and results will be reported to the OCD in an annual report to be submitted during the first half of 2011. Any significant changes in groundwater quality will be reported to the OCD as soon as possible. Previously proposed or requested investigation activities will be scheduled and performed. LAI proposes the following actions and changes for the upcoming events:

- Gauging all site monitor wells semi-annually
- Collecting samples for BTEX, anions, and TDS laboratory analysis from monitor wells that maybe affected by past or current Gas Plant operations – MW-02A, MW-03, MW-04, MW-05, MW-06, MW-13, MW-14, MW-16, and MW-21
- Performing delineation and testing associated with chlorides in MW-14 as outlined in the *2008 Annual Groundwater Monitoring Report* when OCD concurs with the proposal
- Continue LNAPL recovery from MW-03

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-01	4/9/2002	60	62.05	2	3,416.39	40.17 - 59.79	2.05	3,418.44	11/5/2002	--	51.41	3,367.03
									6/12/2003	--	51.14	3,367.30
									11/11/2003	--	49.81	3,368.63
									5/24/2004	--	50.88	3,367.56
									11/8/2004	--	50.69	3,367.75
									5/24/2005	--	50.36	3,368.08
									11/30/2005	--	50.06	3,368.38
									1/19/2006	--	50.08	3,368.36
									6/26/2006	--	50.23	3,368.21
									12/4/2006	--	49.90	3,368.54
									6/6/2007	--	49.91	3,368.53
									12/3/2007	--	49.96	3,368.48
									6/25/2008	--	49.76	3,368.68
									11/24/2008	--	49.78	3,368.66
									3/23/2009	--	49.67	3,368.77
									10/12/2009	--	49.79	3,368.65
MW-02	4/9/2002	40	42.14	2	3,392.80	19.17 - 38.79	2.14	3,394.94	11/5/2002	--	28.51	3,366.43
									6/12/2003	--	28.90	3,366.04
									11/11/2003	--	29.10	3,365.84
									5/24/2004	--	--	--
									11/8/2004	--	26.65	3,368.29
									5/24/2005	--	25.57	3,369.37
									11/30/2005	--	26.33	3,368.61
									1/19/2006	--	26.35	3,368.59
									6/26/2006	--	23.27	3,371.67
									12/4/2006	--	--	--
									6/6/2007	--	26.71	3,368.23
									12/3/2007	--	27.35	3,367.59
									6/25/2008	--	root bound	
									11/24/2008	--	root bound	

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Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	*Date Drilled*	Drilled *Depth* (bgs)	Well *Depth* from TOC	Well *Diameter* (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	*Date Gauged*	Depth to Fluid	Depth to Water	Corrected *Water* Elevation
MW-02A	2/18/2009	40	40.22	2	3392.68	18 - 38	2.65	3,395.33	3/23/2009	--	27.91	3,367.42
									10/12/2009	--	28.74	3,366.59
MW-03	4/9/2002	40	42.49	2	3,395.97	19.47 - 39.09	2.49	3,398.46	11/5/2002	--	26.18	3,372.28
									6/12/2003	--	25.83	3,372.63
									11/11/2003	--	26.82	3,371.64
									5/24/2004	--	25.78	3,372.68
									11/8/2004	--	25.11	3,373.35
									5/24/2005	--	24.43	3,374.03
									11/30/2005	--	24.64	3,373.82
									1/19/2006	--	24.97	3,373.49
									6/26/2006	sheen	26.21	3,372.25
									12/4/2006	--	25.93	3,372.53
									6/6/2007	--	24.43	3,374.03
									12/3/2007	--	25.72	3,372.74
									6/25/2008	--	26.73	3,371.73
									11/24/2008	--	26.39	3,372.07
									3/23/2009	--	27.10	3,371.36
									10/12/2009	26.18	31.33	3,370.99

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-04	8/6/2002	35	37.48	2	3,385.73	14.87 - 34.49	2.48	3,388.21	11/5/2002	--	25.28	3,362.93
									6/12/2003	--	24.77	3,363.44
									11/11/2003	--	24.66	3,363.55
									5/24/2004	--	23.19	3,365.02
									11/8/2004	--	18.07	3,370.14
									5/24/2005	--	18.22	3,369.99
									11/30/2005	--	18.27	3,369.94
									1/19/2006	--	18.62	3,369.59
									6/26/2006	--	19.73	3,368.48
									12/4/2006	--	18.85	3,369.36
									6/6/2007	--	17.77	3,370.44
									12/3/2007	--	19.36	3,368.85
									6/25/2008	--	21.95	3,366.26
									11/24/2008	--	22.56	3,365.65
									3/23/2009	--	23.24	3,364.97
									10/12/2009	--	24.01	3,364.20
MW-05	8/6/2002	40	42.55	2	3,394.29	19.87 - 39.49	2.55	3,396.84	11/5/2002	--	30.84	3,366.00
									6/12/2003	--	28.22	3,368.62
									11/11/2003	--	28.02	3,368.82
									5/24/2004	--	28.30	3,368.54
									11/8/2004	--	28.72	3,368.12
									5/24/2005	--	28.25	3,368.59
									11/30/2005	--	28.75	3,368.09
									1/19/2006	--	28.81	3,368.03
									6/26/2006	--	29.20	3,367.64
									12/4/2006	--	29.01	3,367.83
			36.78		3,394.22			3,396.34	6/7/2007[1]	--	26.46	3,369.88
									12/3/2007	--	26.73	3,369.61
									6/25/2008	--	29.38	3,366.96
									11/24/2008	--	29.78	3,366.56
									3/23/2009	--	29.88	3,366.46
									10/12/2009	--	30.33	3,366.01

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Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-06	8/6/2002	52	54.59	2	3,401.15	31.87 - 51.49	2.59	3,403.74	11/5/2002	--	40.40	3,363.34
									6/12/2003	--	39.97	3,363.77
									11/11/2003	--	39.12	3,364.62
									5/24/2004	--	39.37	3,364.37
									11/8/2004	--	39.18	3,364.56
									5/24/2005	--	38.69	3,365.05
									11/30/2005	--	38.73	3,365.01
									1/19/2006	--	38.71	3,365.03
									6/26/2006	--	38.81	3,364.93
									12/4/2006	--	38.56	3,365.18
									6/6/2007	--	38.74	3,365.00
									12/3/2007	--	38.79	3,364.95
									6/25/2008	--	38.78	3,364.96
									11/24/2008	--	38.88	3,364.86
									3/23/2009	--	38.82	3,364.92
									10/12/2009	--	39.05	3,364.69
MW-07	8/7/2002	60	62.46	2	3,417.25	39.87 - 59.49	2.46	3,419.71	11/5/2002	--	53.80	3,365.91
									6/12/2003	--	53.51	3,366.20
									11/11/2003	--	53.39	3,366.32
									5/24/2004	--	53.22	3,366.49
									11/8/2004	--	53.16	3,366.55
									5/24/2005	--	52.70	3,367.01
									11/30/2005	--	52.56	3,367.15
									1/19/2006	--	52.46	3,367.25
									6/26/2006	--	52.43	3,367.28
									12/4/2006	--	52.21	3,367.50
									6/6/2007	--	52.11	3,367.60
									12/3/2007	--	52.13	3,367.58
									6/25/2008	--	51.89	3,367.82
									11/24/2008	--	51.94	3,367.77
									3/23/2009	--	51.77	3,367.94
									10/12/2009	--	51.93	3,367.78

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-08	8/7/2002	75	77.35	2	3,428.66	54.87 - 74.49	2.35	3,431.01	11/5/2002	--	66.33	3,364.68
									6/12/2003	--	63.09	3,367.92
									11/11/2003	--	63.05	3,367.96
									5/24/2004	--	62.80	3,368.21
									11/8/2004	--	62.80	3,368.21
									5/24/2005	--	62.41	3,368.60
									11/30/2005	--	62.24	3,368.77
									1/19/2006	--	62.15	3,368.86
									6/26/2006	--	62.01	3,369.00
									12/4/2006	--	61.86	3,369.15
									6/6/2007	--	61.64	3,369.37
									12/3/2007	--	61.21	3,369.80
									6/25/2008	--	61.30	3,369.71
									11/24/2008	--	61.40	3,369.61
									3/23/2009	--	61.16	3,369.85
									10/12/2009	--	61.29	3,369.72
MW-09	8/7/2002	60	62.45	2	3,418.14	39.87 - 59.49	2.45	3,420.59	11/5/2002	--	52.69	3,367.90
									6/12/2003	--	52.42	3,368.17
									11/11/2003	--	52.37	3,368.22
									5/24/2004	--	52.12	3,368.47
									11/8/2004	--	52.08	3,368.51
									5/24/2005	--	51.67	3,368.92
									11/30/2005	--	51.47	3,369.12
									1/19/2006	--	51.68	3,368.91
									6/26/2006	--	51.21	3,369.38
									12/4/2006	--	51.08	3,369.51
									6/6/2007	--	50.86	3,369.73
									12/3/2007	--	50.89	3,369.70
									6/25/2008	--	50.63	3,369.96
									11/24/2008	--	50.65	3,369.94
									3/23/2009	--	50.49	3,370.10
									10/12/2009	--	50.57	3,370.02

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-10	8/9/002	47	49.42	2	3,403.31	26.87 - 46.49	2.42	3,405.73	11/5/2002	--	38.10	3,367.63
									6/12/2003	--	37.87	3,367.86
									11/11/2003	--	37.71	3,368.02
									5/24/2004	--	37.52	3,368.21
									11/8/2004	--	37.32	3,368.41
									5/24/2005	--	36.88	3,368.85
									11/30/2005	--	36.52	3,369.21
									1/19/2006	--	36.47	3,369.26
									6/26/2006	--	36.27	3,369.46
									12/4/2006	--	36.14	3,369.59
									6/6/2007	--	35.99	3,369.74
									12/3/2007	--	35.96	3,369.77
									6/25/2008	--	35.79	3,369.94
									11/24/2008	--	35.80	3,369.93
									3/23/2009	--	35.72	3,370.01
									10/12/2009	--	35.84	3,369.89
MW-11	8/8/2002	47	49.51	2	3,395.51	30.87 - 50.49	2.50	3,398.01	11/5/2002	--	33.01	3,365.00
									6/12/2003	--	32.75	3,365.26
									11/11/2003	--	33.77	3,364.24
									5/24/2004	--	32.67	3,365.34
									11/8/2004	--	32.36	3,365.65
									5/24/2005	--	31.50	3,366.51
									11/30/2005	--	30.84	3,367.17
									1/19/2006	--	30.77	3,367.24
									6/26/2006	--	30.62	3,367.39
									12/4/2006	--	30.50	3,367.51
									6/6/2007	--	30.27	3,367.74
									12/3/2007	--	30.36	3,367.65
									6/25/2008	--	30.28	3,367.73
									11/24/2008	--	30.46	3,367.55
									3/23/2009	--	30.23	3,367.78
									10/12/2009	--	30.61	3,367.40

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-12	6/3/2003	45	46.97	2	3,394.81	25.00 - 44..49	1.97	3,396.78	6/12/2003	--	30.54	3,366.24
									11/11/2003	--	31.06	3,365.72
									5/24/2004	--	30.63	3,366.15
									11/8/2004	--	30.22	3,366.56
									5/24/2005	--	28.28	3,368.50
									11/30/2005	--	28.38	3,368.40
									1/19/2006	--	28.35	3,368.43
									6/26/2006	--	28.60	3,368.18
									12/4/2006	--	28.47	3,368.31
									6/6/2007	--	28.25	3,368.53
									12/3/2007	--	28.46	3,368.32
									6/25/2008	--	28.64	3,368.14
									11/24/2008	--	28.72	3,368.06
									3/23/2009	--	28.49	3,368.29
									10/12/2009	--	29.09	3,367.69
MW-13	6/3/2003	35	36.87	2	3,385.82	25.00 - 34.49	1.87	3,387.69	6/12/2003	--	29.20	3,358.49
									11/11/2003	--	30.99	3,356.70
									5/24/2004	--	30.44	3,357.25
									11/8/2004	--	23.99	3,363.70
									5/24/2005	--	24.17	3,363.52
									11/30/2005	--	22.91	3,364.78
									1/19/2006	--	23.21	3,364.48
									6/26/2006	--	25.47	3,362.22
									12/4/2006	--	24.43	3,363.26
									6/6/2007	--	23.05	3,364.64
									12/3/2007	--	24.51	3,363.18
									6/25/2008	--	27.03	3,360.66
									11/24/2008	--	27.65	3,360.04
									3/23/2009	--	27.78	3,359.91
									10/12/2009	--	28.80	3,358.89

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-14	6/3/2003	47	49.33	2	3,379.66	27.00 - 46.49	2.33	3,381.99	6/12/2003	--	32.23	3,349.76
									11/11/2003	--	32.34	3,355.35
									5/24/2004	--	32.09	3,355.60
									11/8/2004	--	31.20	3,356.49
									5/24/2005	--	30.10	3,357.59
									11/30/2005	--	30.07	3,357.62
									1/19/2006	--	30.09	3,357.60
									6/26/2006	--	30.48	3,357.21
									12/4/2006	--	30.14	3,357.55
									6/6/2007	--	29.59	3,358.10
									12/3/2007	--	29.94	3,357.75
									6/25/2008	--	30.66	3,357.03
									11/24/2008	--	30.92	3,356.77
									3/23/2009	--	31.01	3,356.68
									10/12/2009	--	31.25	3,356.44
MW-15	6/4/2003	45	46.94	2	3,394.67	25.00 - 44.49	1.94	3,396.61	6/12/2003	--	40.67	3,355.94
									11/11/2003	--	38.99	3,357.62
									5/24/2004	--	38.75	3,357.86
									11/8/2004	--	38.49	3,358.12
									5/24/2005	--	38.02	3,358.59
									11/30/2005	--	37.95	3,358.66
									1/19/2006	--	37.90	3,358.71
									6/26/2006	--	37.87	3,358.74
									12/4/2006	--	37.74	3,358.87
									6/6/2007	--	37.70	3,358.91
									12/3/2007	--	37.66	3,358.95
									6/25/2008	--	37.71	3,358.90
									11/24/2008	--	37.69	3,358.92
									3/23/2009	--	37.70	3,358.91
									10/12/2009	--	37.79	3,358.82

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-16	6/4/2003	45	47.03	2	3,402.48	25.00 - 44.49	2.03	3,404.51	6/12/2003	--	43.28	3,361.23
									11/11/2003	--	41.84	3,362.67
									5/24/2004	--	41.48	3,363.03
									11/8/2004	--	41.51	3,363.00
									5/24/2005	--	41.00	3,363.51
									11/30/2005	--	40.96	3,363.55
									1/19/2006	--	40.85	3,363.66
									6/26/2006	--	40.89	3,363.62
									12/4/2006	--	40.73	3,363.78
									6/6/2007	--	40.64	3,363.87
									12/3/2007	--	40.68	3,363.83
									6/25/2008	--	40.57	3,363.94
									11/24/2008	--	40.62	3,363.89
									3/23/2009	--	40.48	3,364.03
									10/12/2009	--	40.63	3,363.88
MW-17	12/19/2005	35	37.02	2	3,372.62	19.49 - 34.49	2.02	3,374.64	1/19/2006	--	DRY	--
									6/26/2006	--	DRY	--
									12/4/2006	--	DRY	--
									6/7/2007	--	DRY	--
									12/3/2007	--	DRY	--
									6/25/2008	--	DRY	--
									11/24/2008	--	DRY	--
									3/23/2009	--	DRY	--
									10/12/2009	--	DRY	--

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-18	12/19/2005	35	37.15	2	3,373.02	19.49 - 34.49	2.15	3,375.17	1/19/2006	--	28.21	3,346.96
									6/26/2006	--	28.69	3,346.48
									12/4/2006	--	28.59	3,346.58
									6/7/2007	--	28.30	3,346.87
									12/3/2007	--	28.58	3,346.59
									6/25/2008	--	29.02	3,346.15
									11/24/2008	--	29.08	3,346.09
									3/23/2009	--	29.18	3,345.99
									10/12/2009	--	29.49	3,345.68
MW-19	10/31/2005	38	40.00	2	3,378.55	23.00 - 37.49	2.46	3,381.01	11/30/2005	--	31.82	3,349.19
									1/19/2006	--	31.73	3,349.28
									6/26/2006	--	31.54	3,349.47
									12/4/2006	--	31.77	3,349.24
									6/6/2007	--	31.71	3,349.30
									12/3/2007	--	31.65	3,349.36
									6/25/2008	--	31.85	3,349.16
									11/24/2008	--	32.01	3,349.00
									3/23/2009	--	32.01	3,349.00
									10/12/2009	--	32.22	3,348.79
MW-20	10/31/2005	48	50.00	2	3,387.68	33.00 - 47.41	2.41	3,390.09	11/30/2005	--	38.57	3,351.52
									1/19/2006	--	38.47	3,351.62
									6/26/2006	--	38.30	3,351.79
									12/4/2006	--	38.28	3,351.81
									6/6/2007	--	38.20	3,351.89
									12/3/2007	--	38.07	3,352.02
									6/25/2008	--	38.21	3,351.88
									11/24/2008	--	38.33	3,351.76
									3/23/2009	--	38.33	3,351.76
									10/12/2009	--	38.50	3,351.59

Table 1
Monitoring Well Completion and Gauging Summary
Targa Midstream Services, L.P., Eunice Middle Plant Gas Plant
Lea County, New Mexico

Well Information									Groundwater Data			
Well ID	Date Drilled	Drilled Depth (bgs)	Well Depth from TOC	Well Diameter (inches)	Surface Elevation	Screen Interval (bgs)	Casing Stickup	TOC Elevation	Date Gauged	Depth to Fluid	Depth to Water	Corrected Water Elevation
MW-21	2/19/2009	45.00	44.46	2	3,385.82	25 - 45	2.18	3,388.00	3/23/2009	--	33.93	3,354.07
									10/12/2009	--	34.14	3,353.86
MW-UN-01	--	--	32.68	2	--	--	--	--	11/24/2008	sheen	23.83	--
									3/23/2009	sheen	23.89	--
									10/12/2009	--	24.04	--
MW-UN-02	--	--	38.84	2	--	--	--	--	11/24/2008	sheen	30.01	--
									3/23/2009	--	30.12	--
									10/12/2009	--	30.57	--

Notes
All values are in feet, unless otherwise noted.
bgs - below ground surface
TOC - top of casing
Elevations are above mean sea level referenced to 1984 Geodetic Datum.
Wells drilled and installed by Scarbrough Drilling, Inc., Lamesa, Texas. Schedule 40 threaded PVC casing and screen set.
[1]MW-5 damaged during road repair. TOC height resurveyed.

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**	--
MW-01	04/23/02	<0.001	<0.001	<0.001	<0.001	<0.004
	09/05/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/13/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/11/03	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	11/11/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/10/04	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	11/10/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/25/05	<0.001	<0.001	<0.001	<0.002	<0.005
	11/30/05	<0.001	<0.001	<0.001	<0.002	<0.005
	06/27/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/05/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/24/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/23/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/12/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
MW-02	04/23/02	**0.0083**	**0.0062**	**0.001**	**0.005**	**0.021**
	09/05/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/16/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/11/04	**0.000332**	<0.001	<0.001	<0.002	**0.000332**
	05/25/05	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	05/25/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/02/05	<0.001	<0.001	<0.001	<0.002	<0.005
	06/27/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	**0.24**	<0.0002	<0.0002	<0.0006	**0.24**
	06/25/08	Unable to sample - roots in well				
	11/24/08	Unable to sample - roots in well				
MW-02A	03/23/09	**0.000823**	<0.002	<0.002	<0.003	**0.000823**
	10/13/09	<0.0008	<0.002	<0.002	<0.003	<0.0078

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-03	04/23/02	**0.193**	**0.0054**	**0.040**	**0.101**	**0.339**
	05/14/02	**0.379**	<0.005	**0.108**	**0.184**	**0.671**
	09/05/02	**0.759**	**0.574**	**0.005**	**0.367**	**1.705**
	11/06/02	**1.00**	<0.010	**0.604**	**0.619**	<2.233
Duplicate	11/06/02	**1.05**	<0.010	**0.655**	**0.673**	<2.388
	06/16/03	**2.04**	**0.024**	**1.230**	**1.319**	**4.613**
Duplicate	06/16/03	**1.41**	<0.010	**0.790**	**0.872**	<3.082
	09/16/03	**2.04**	**0.024**	**1.230**	**1.319**	**4.603**
	11/13/03	**0.378**	**0.004**	**0.158**	**0.181**	**0.721**
	05/24/04	**1.29**	<0.0500	**0.499**	**0.469**	**2.258**
	11/10/04	**1.84**	**0.00825**	**0.813**	**0.842**	**3.50325**
	05/25/05	**1.16**	**0.00632**	**0.498**	**0.29811**	**1.96243**
	12/02/05	**3.78**	**0.0117**	**1.52**	**1.4502**	**6.7619**
	06/27/06	**1.21**	<0.0500	**0.475**	**0.2660**	**1.9510**
	12/06/06	**0.130**	**0.0116**	**0.0542**	**0.0632**	**0.2590**
	06/06/07	**4.3**	<0.008	**1.7**	**1.5**	**7.5**
	12/03/07	**0.60**	<0.001	**0.21**	**0.031**	**0.8410**
	06/25/08	**0.0728**	<0.002	**0.0597**	**0.00456**	**0.13706**
	11/24/08	**0.159**	**0.00515**	**0.0843**	**0.0229**	**0.27135**
	03/23/09	**0.197**	**0.0417**	**0.0422**	**0.0197**	**0.3006**
MW-04	09/05/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/16/03	<0.001	<0.001	<0.001	<0.001	<0.004
	09/16/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/12/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/11/04	**0.000456**	<0.001	<0.001	<0.002	**0.000456**
	05/25/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/02/05	**0.00478**	**<0.001**	**0.00348**	**0.00256**	**0.01082**
	06/27/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/06/06	**0.000519**	**0.000746**	**0.000217**	**0.002166**	**0.003648**
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	**0.0057**	<0.0002	**0.0077**	**0.0035**	**0.0169**
	06/25/08	**0.00276**	<0.002	**0.00449**	<0.003	**0.00725**
	11/24/08	**0.00561**	<0.002	**0.00779**	<0.003	**0.01340**
	03/23/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/13/09	<0.0008	<0.002	<0.002	<0.003	<0.0078

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-05	09/05/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/13/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/12/03	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	11/12/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/10/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/25/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/02/05	**0.00108**	<0.001	**0.000992**	**0.000936**	**0.003008**
	06/27/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/12/06	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	12/12/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	**0.0016**	<0.0002	<0.0002	<0.0006	**0.0016**
	12/04/07	**0.0069**	<0.0002	<0.0002	<0.0006	**0.0069**
	06/26/06	**0.00166**	<0.002	<0.002	<0.003	**0.00166**
	11/25/08	**0.000839**	<0.002	<0.002	<0.003	**0.000839**
	03/23/09	**0.000805**	<0.002	<0.002	<0.003	**0.000805**
Duplicate	03/23/09	**0.000875**	<0.002	<0.002	<0.003	**0.000875**
	10/13/09	**0.00363**	<0.002	<0.002	<0.003	**0.00363**
MW-06	09/05/02	**0.136**	**0.307**	**0.003**	**0.229**	**0.675**
	11/06/02	**0.102**	<0.010	**0.212**	<0.219	<0.543
	06/13/03	**0.036**	**0.005**	**0.019**	**0.029**	**0.089**
	11/12/03	**0.007**	**0.004**	**0.084**	<0.001	**0.095**
	05/24/04	**0.186**	<0.001	**0.002**	<0.001	**0.188**
	11/10/04	**0.0385**	**0.00318**	**0.00435**	**0.01089**	**0.05692**
	05/25/05	**0.787**	**0.00577**	**1.16**	**0.0514**	**2.00417**
	12/02/05	**0.684**	**0.00279**	**0.109**	<0.02	**0.79579**
	06/27/06	**0.0533**	<0.001	<0.001	<0.002	**0.05330**
	12/08/06	**0.335**	**0.0025**	**0.060**	**0.00307**	**0.40027**
	06/07/07	**1.0**	<0.002	**0.019**	<0.006	**1.019**
	12/04/07	**0.12**	**0.0035**	**0.013**	<0.006	**0.1365**
	06/26/08	**0.403**	<0.002	**0.153**	**0.0922**	**0.64820**
	11/25/08	**0.520**	<0.01	**0.130**	**0.235**	**0.885**
	03/24/09	**0.393**	**0.00210**	**0.0653**	**0.162**	**0.622**
	10/13/09	**1.18**	**0.00230**	**<0.002**	**0.0335**	**1.216**

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-07	09/05/02	<0.001	<0.001	<0.001	<0.001	<0.004
Duplicate	09/05/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/13/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/11/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/10/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/06/05	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	12/06/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/05/06	**0.000989**	**0.0154**	**0.006**	**0.039**	**0.06162**
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/24/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
Duplicate	11/24/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/23/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/12/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
Duplicate	10/12/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
MW-08	09/06/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/13/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/11/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/10/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/05	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	05/26/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/06/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/05/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/24/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/23/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/12/09	<0.0008	<0.002	<0.002	<0.003	<0.0078

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-09	09/06/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/13/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/11/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/10/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/06/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/05/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/24/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/23/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/12/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
MW-10	09/06/02	<0.001	<0.001	<0.001	<0.001	<0.004
	06/13/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/13/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/11/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/06/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/05/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/24/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/23/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/12/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
MW-11	09/06/02	**5.05**	**0.052**	**0.024**	**0.167**	**5.293**
	11/07/02	**5.01**	**0.012**	**0.053**	**0.154**	**5.229**
Duplicate	11/07/02	**5.00**	**0.018**	**0.053**	**0.179**	**5.250**
	06/16/03	**5.09**	<0.025	<0.025	<0.107	<5.247
	11/13/03	**2.55**	**0.03**	**0.023**	**0.057**	**2.660**
	05/26/04	**2.18**	<0.005	<0.005	<0.005	**2.180**
Duplicate	05/26/04	**2.180**	<0.005	<0.005	<0.005	**2.180**
	11/11/04	**3.96**	**0.0129**	**0.0232**	**0.1177**	**4.1138**
	05/26/05	**3.36**	**0.00402**	**0.00743**	**0.03513**	**3.40658**
	06/28/06	**5.37**	<0.0500	<0.0500	**0.05860**	**5.4286**
	12/06/05	**4.87**	<0.100	<0.100	<0.200	**4.87**
	12/05/06	**5.11**	<0.001	<0.001	**0.055**	**5.2**
	06/06/07	**0.93**	<0.001	**0.0049**	**0.012**	**0.9469**
	12/03/07	**2.1**	<0.004	<0.004	<0.012	**2.1**
	06/25/08	**0.145**	<0.002	**0.00216**	<0.003	**0.14716**
	11/24/08	**0.0279**	<0.002	**0.00494**	<0.003	**0.03284**
	03/23/09	**0.0356**	<0.002	**0.00384**	<0.003	**0.03944**
	10/12/09	**0.178**	<0.002	**0.00485**	<0.003	**0.18285**

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-12	06/16/03	<0.001	<0.001	<0.001	<0.001	**<0.004**
	11/13/03	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	11/13/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/04	<0.005	<0.005	<0.005	<0.005	<0.020
	11/11/04	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	11/11/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/06/05	**0.0230**	**0.000271**	**0.000658**	**0.000900**	**0.024829**
Duplicate	12/06/05	**0.0193**	**0.000273**	**0.000722**	**0.00115**	**0.021445**
	06/28/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/08/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	**0.00118**	<0.002	<0.002	<0.003	**0.00118**
	11/24/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/23/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/12/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
MW-13	06/16/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/13/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/26/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/11/04	**0.000404**	<0.001	<0.001	<0.002	**0.000404**
	05/25/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/07/05	<0.001	<0.001	<0.001	<0.002	<0.005
	06/27/06	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	06/27/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/06/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/03/07	**0.0061**	<0.0002	<0.0002	<0.0006	**0.0061**
	06/25/08	**0.00560**	<0.002	**0.00797**	<0.003	**0.01357**
	11/24/08	**0.00430**	<0.002	**0.00716**	<0.003	**0.01146**
	03/24/09	**0.00447**	<0.002	<0.002	**0.00444**	**0.00891**
	10/12/09	**0.00164**	<0.002	<0.002	<0.003	**0.00164**

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Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-14	06/16/03	**0.012**	<0.001	<0.001	<0.002	<0.016
	11/12/03	**0.002**	<0.001	<0.001	<0.001	**0.002**
	05/24/04	**0.510**	<0.001	<0.001	<0.001	**0.510**
	11/10/04	**0.817**	**0.000813**	**0.001820**	**0.006435**	**0.826068**
	05/25/05	**0.95**	<0.005	**0.0302**	**0.0215**	**1.0017**
	12/07/05	**0.334**	<0.010	<0.010	<0.020	**0.334**
Duplicate	12/07/05	**0.334**	<0.010	<0.010	<0.010	**0.334**
	06/27/06	**0.639**	<0.001	<0.001	<0.002	**0.639**
	12/06/06	**0.0271**	**0.00707**	**0.0004**	**0.0258**	**0.0604**
	06/07/07	**0.20**	**0.00054**	**0.00049**	**0.0025**	**0.2035**
	12/03/07	**0.40**	<0.0008	**0.011**	**0.0077**	**0.4187**
Duplicate	12/03/07	**0.41**	<0.0008	**0.011**	**0.008**	**0.429**
	06/26/08	**0.574**	<0.002	**0.00461**	**0.00505**	**0.58366**
Duplicate	06/26/08	**0.575**	<0.002	**0.00515**	**0.00577**	**0.58592**
	11/25/08	**0.657**	<0.01	<0.01	**<0.015**	**0.657**
	03/24/09	**0.555**	<0.002	**0.00474**	**0.00534**	**0.565**
	10/13/09	**0.700**	<0.02	**<0.02**	<0.03	**0.700**
MW-15	06/16/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/12/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/10/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/25/05	<0.001	<0.001	**0.000718**	**0.000665**	**0.001383**
	12/07/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/08/06	<0.001	**0.00121**	**0.000355**	**0.002667**	0.004232
Duplicate	12/08/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/04/07	**0.0028**	<0.0002	<0.0002	<0.0006	**0.0028**
	06/26/08	**0.00330**	<0.002	<0.002	<0.003	**0.00330**
	11/25/08	**0.00354**	<0.002	**0.00269**	**0.005680**	**0.01191**
	03/24/09	**0.00333**	<0.002	<0.002	<0.003	**0.00333**
	10/13/09	**0.00620**	<0.002	<0.002	<0.003	**0.00620**
MW-16	06/13/03	<0.001	<0.001	<0.001	<0.001	<0.004
	11/12/03	<0.001	<0.001	<0.001	<0.002	<0.005
	05/24/04	<0.001	<0.001	<0.001	<0.002	<0.005
	11/11/04	<0.001	<0.001	<0.001	<0.002	<0.005
	05/25/05	<0.001	<0.001	<0.001	<0.002	<0.005
	12/07/05	**0.00088**	<0.001	<0.001	<0.002	**0.00088**
	12/12/06	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	12/12/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
Duplicate	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/04/07	**0.0013**	<0.0002	<0.0002	<0.0006	**0.0013**
	06/26/08	**0.00165**	<0.002	<0.002	<0.003	**0.00165**
	11/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/24/09	**0.00142**	<0.002	<0.002	<0.003	**0.00142**
	10/13/09	**0.00248**	<0.002	<0.002	<0.003	**0.00248**

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-18	01/19/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/28/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/08/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/04/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	03/24/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
	10/13/09	<0.0008	<0.002	<0.002	<0.003	<0.0078
MW-19	12/07/05	**0.000812**	<0.001	<0.001	<0.002	**0.000812**
	06/28/06	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	06/28/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/08/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/04/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/25/08	**0.00262**	<0.002	<0.002	<0.003	**0.00262**
	03/24/09	**0.00400**	<0.002	<0.002	<0.003	**0.00400**
	10/13/09	**0.0491**	<0.002	<0.002	<0.003	**0.0491**
MW-20	12/07/05	<0.001	<0.001	<0.001	<0.002	<0.005
	06/28/06	<0.001	<0.001	<0.001	<0.002	<0.005
	12/08/06	<0.001	<0.001	<0.001	<0.002	<0.005
Duplicate	12/08/06	<0.001	<0.001	<0.001	<0.002	<0.005
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	12/04/07	<0.0002	<0.0002	<0.0002	<0.0006	<0.0012
	06/25/08	<0.0008	<0.002	<0.002	<0.003	<0.0078
	11/25/08	***0.000936***	<0.002	<0.002	<0.003	**0.000936**
	03/24/09	**0.00105**	<0.002	<0.002	<0.003	**0.00105**
	10/13/09	<0.0008	<0.002	<0.002	<0.003	<0.0078

Table 2
Summary of Groundwater BTEX Analyses
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX
WQCC Standard		0.01	0.75	0.75	0.62	--
MW-21	03/24/09	**0.00977**	<0.002	<0.002	<0.003	**0.00977**
	10/13/09	**0.0112**	<0.002	<0.002	<0.003	**0.0112**
MW-UN-01	11/24/08	**0.01730**	<0.002	<0.002	<0.003	**0.01730**
	03/23/09	**0.0147**	<0.002	<0.002	<0.003	**0.0147**
	10/13/09	**0.0373**	<0.002	<0.002	<0.003	**0.0373**
MW-UN-02	11/24/08	**0.00127**	<0.002	<0.002	**0.00635**	**0.00762**
	03/23/09	**0.00166**	0.00369	<0.002	<0.003	**0.00535**
	10/13/09	**0.07070**	<0.002	<0.002	<0.003	**0.07070**

Notes:
All results reported in milligrams per liter (mg/L)
"<" Indicates the reported concentration is below the method detection limit (MDL).
"--" Indicates the chemical was not analyzed.
Bold indicates the chemical of concern was detected above the MDL.
Blue indicated the chemical exceeds the Water Quality Control Commission (WQCC) standard.

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		**0.1**	**1.0**	**0.01**	**--**	**0.05**	**0.05**	**--**	**0.002**	**--**	**0.05**	**0.05**	**--**
MW-01	04/23/02	<0.050	<0.100	<0.005	183	**0.316**	<0.010	68.5	0.00092	18.3	<0.050	<0.0125	471
	05/14/02	<0.050	<0.100	<0.005	--	**0.282**	<0.010	--	<0.0002	--	<0.050	<0.0125	--
	09/05/02	0.052	0.062	<0.001	140	**0.174**	<0.011	67.3	<0.002	14.5	0.020	<0.002	606
	11/07/02	--	--	--	175	**0.184**	--	7.1	--	14.8	--	--	586
	06/13/03	<0.009	0.044	<0.001	143	**0.200**	<0.012	76.5	<0.0005	17.9	<0.004	<0.002	554
	11/11/03	0.015	0.053	<0.001	269	**0.064**	<0.011	96.3	<0.005	17.4	0.026	<0.002	636
Duplicate	11/11/03	0.012	0.055	<0.001	257	**0.054**	<0.011	92.8	<0.0005	16.8	0.022	<0.002	592
	05/24/04	<0.010	0.072	<0.005	243	**0.064**	<0.010	95.6	<0.002	19.5	<0.010	<0.0125	490
	11/10/04	0.0052	0.072	<0.001	231	0.049	0.01	121.0	<0.005	19.9	0.012	<0.005	471
Duplicate	11/10/04	0.0126	0.106	<0.001	251	0.0414	0.0099	124	<0.0005	18.1	0.0110	<0.0005	400
	05/25/05	0.0406	0.117	0.003	218	**0.206**	<0.011	104	<0.001	17.9	0.0306	<0.005	278
	11/30/05	<0.020	0.101	<0.0100	274	**0.295**	0.00679	120	0.0001	18.9	<0.0525	<0.0140	370
	06/27/06	0.0071	0.276	<0.00692	288	**0.194**	<0.00296	124	0.0001301	13.0	0.0145	<0.00405	231
	12/05/06	0.0116	0.037	<0.003	360	**0.077**	<0.000692	96.2	<0.00250	13.4	0.0100	0.0104	350
	06/07/07	0.0053	0.082	<0.001	320	**0.074**	<0.001	120	0.00023	11.0	0.0100	<0.001	320
	12/03/07	0.0063	0.094	<0.001	320	**0.074**	<0.001	120	<0.00013	11.0	0.01100	<0.001	380
	06/25/08	0.00432	0.0581	0.000422	289	**0.0793**	<0.000429	113	<0.00008	10.4	0.00854	<0.001	337
	11/24/08	0.00516	0.0577	<0.0003	259	**0.101**	0.000304	112	<0.00008	10.8	0.00948	<0.001	317
	03/23/09	0.00406	0.0570	<0.0003	273	0.0311	<0.0003	110	<0.00008	10.8	0.00912	<0.001	361
	10/12/09	0.00428	0.0559	<0.0003	286	0.0121	<0.0003	112	<0.00008	11.6	0.00852	<0.001	283
MW-02	04/23/02	<0.050	<0.100	<0.005	340.00	<0.010	<0.010	128.0	<0.0002	20.0	<0.050	<0.0125	445
	09/05/02	0.018	0.020	<0.001	317	<0.002	<0.011	139.0	<0.002	17.0	0.018	<0.002	509
	11/16/02	--	--	--	314	--	--	12.8	--	17.2	--	--	468
	06/16/03	<0.008	0.020	0.001	389	0.012	0.011	141.0	<0.0005	33.1	**0.050**	<0.002	703
	11/11/04	**0.392**	0.027	<0.001	285	<0.005	**0.425**	136.0	<0.005	13.2	<0.004	<0.005	439
	05/25/05	<0.008	0.0402	0.003	272	0.0085	<0.011	116	<0.001	16.4	0.0365	<0.005	440
Duplicate	05/25/05	0.0224	0.0415	0.0032	276	<0.005	<0.011	122	<0.001	16.5	0.0422	<0.005	464
	12/02/05	<0.020	0.0438	<0.01	297	<0.0125	0.0136	106	0.00008	17.8	0.0080	<0.0140	619
	06/27/06	0.0386	0.0245	<0.00692	296	<0.00698	<0.00296	123	0.00018	16.3	**0.0656**	<0.00405	434
	06/07/07	0.023	0.053	<0.001	400	<0.0011	<0.0011	160	0.00022	17	0.0250	<0.001	700
	12/03/07	0.016	0.073	<0.001	310	<0.002	<0.001	120	<0.00013	11	0.0250	<0.001	380
	06/25/08	No sample - roots clogging well											
	11/24/08	No sample - roots clogging well											

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		0.1	1.0	0.01	--	0.05	0.05	--	0.002	--	0.05	0.05	--
MW-02A	03/23/09	0.00688	0.0387	<0.0003	278	<0.002	<0.0003	123	<0.00008	16.2	0.0237	<0.001	396
	10/13/09	0.00677	0.0354	<0.0003	293	<0.002	<0.0003	131	0.000127	17.2	0.0250	<0.001	395
MW-03	04/23/02	<0.050	0.528	<0.005	447	<0.010	<0.010	274.0	<0.0002	50.6	<0.050	<0.0125	729
	09/05/02	0.082	**3.220**	<0.001	137	<0.002	<0.011	228.0	<0.002	27.7	0.014	<0.002	871
	11/06/03	--	--	--	176	--	--	18.7	--	18.4	--	--	589
	06/16/03	**0.116**	**3.180**	<0.001	238	<0.002	<0.011	215.0	<0.0005	35.1	<0.004	<0.002	951
Duplicate	06/16/03	**0.147**	**2.610**	<0.010	275	0.040	<0.110	192	<0.0005	61.3	<0.040	<0.020	2,690
	11/13/03	0.047	0.490	<0.001	578	<0.002	<0.011	438.0	<0.005	70.5	0.005	<0.002	1,270
	05/24/04	**0.112**	**4.170**	<0.005	208	<0.010	<0.0100	169.0	<0.0002	23.5	<0.010	<0.0125	503
	11/10/04	**0.119**	**4.090**	<0.001	200	<0.005	<0.0110	216.0	<0.005	29.0	0.012	<0.005	899
	05/25/05	**0.202**	**4.410**	0.0056	208	<0.005	<0.011	222	<0.001	20.6	<0.004	<0.005	390
	12/02/05	0.0223	**3.040**	<0.0100	58.2	<0.0125	<0.0300	164	<0.0005	12.9	<0.0525	0.00457	430
	06/27/06	0.0948	**3.420**	<0.00692	169.0	<0.00698	<0.00296	176	0.00006	13.7	<0.0300	<0.00405	514
	12/06/06	**0.107**	**1.780**	<0.0150	288.0	0.0012	<0.000692	246	<0.00025	23.6	0.00326	0.000336	707
	06/06/07	0.072	**5.100**	<0.001	99	<0.0011	<0.001	100	0.00019	3.9	<0.001	<0.001	240
	12/03/07	0.091	0.580	<0.001	240	0.0099	0.0056	160	<0.00013	23.0	<0.002	<0.001	790
	06/25/08	0.0537	0.389	<0.0003	450	<0.002	<0.0003	264	<0.00008	33.2	<0.002	<0.001	830
	11/24/08	0.0570	0.458	<0.0003	437	<0.002	0.000300	270	<0.00008	31.0	<0.002	<0.001	870
	03/23/09	0.0599	0.524	<0.0003	561	<0.002	<0.0003	332	<0.00008	35.6	<0.002	<0.001	936

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		**0.1**	**1.0**	**0.01**	**--**	**0.05**	**0.05**	**--**	**0.002**	**--**	**0.05**	**0.05**	**--**
MW-04	09/05/02	0.034	0.045	0.007	190	<0.002	<0.011	132.0	<0.002	20.2	0.021	<0.002	491
	11/06/02	--	--	--	253	--	--	12.3	--	19.4	--	--	406
	06/16/03	<0.008	0.038	<0.001	292	<0.002	<0.011	134.0	<0.0005	33.2	0.028	<0.002	805
	11/12/03	<0.008	0.040	<0.001	170	<0.002	<0.011	142.0	<0.005	24.8	0.022	<0.022	786
	05/26/04	<0.010	0.043	<0.005	263	<0.010	<0.010	96.5	<0.0002	18.7	<0.010	<0.0125	549
	11/11/04	0.0332	0.042	0.001	97.3	**0.087**	0.01	27.7	<0.0005	27.0	**0.5980**	<0.005	1,210
	05/25/05	<0.008	0.039	0.0018	120.0	0.0228	<0.011	46.3	<0.001	21.3	**0.2500**	<0.005	1,020
	12/02/05	<0.020	0.0448	<0.010	23.9	<0.0125	<0.030	26.6	0.00004	27.8	0.0363	<0.014	1,190
	06/27/06	0.0351	0.0228	<0.00692	85.0	0.0068	<0.00296	32.8	0.00027	17.4	0.0402	<0.00405	954
	12/06/06	0.0405	0.0297	<0.0150	142.0	0.0162	<0.000692	28.1	<0.00025	22.8	**0.1080**	<.00148	1,060
	06/06/07	0.0290	0.0360	<0.001	82.0	**0.0770**	<0.001	13.0	0.0002	13.0	**0.1700**	<0.001	790
	12/03/07	0.032	0.058	<0.001	120	0.0190	0.0022	28.0	0.00015	14.0	**0.0690**	<0.001	950
	06/25/08	0.0158	0.0363	<0.0003	248	0.00359	<0.0003	88.3	<0.00008	12.4	0.0294	<0.001	915
	11/24/08	0.0146	0.0318	<0.0003	222	0.00293	<0.0003	89.4	<0.00008	10.5	0.0449	<0.001	853
	03/23/09	0.0138	0.0329	<0.0003	282	<0.002	<0.0003	108	0.000117	12.6	0.00984	<0.001	803
	10/13/09	0.0133	0.0318	<0.0003	300	0.00210	<0.0003	111	<0.00008	13.3	0.0352	<0.001	813

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		0.1	1.0	0.01	--	0.05	0.05	--	0.002	--	0.05	0.05	--
MW-05	09/05/02	0.056	0.072	<0.001	41.6	0.008	<0.011	33.3	<0.002	22.9	0.031	<0.002	693
	11/06/02	--	--	--	124	--	--	4.2	--	18.8	--	--	520
	06/13/03	0.017	0.036	<0.001	113	0.004	<0.012	44.4	<0.0005	15.6	0.010	<0.002	588
	11/11/03	0.020	0.033	<0.001	134	<0.002	<0.011	47.0	<0.0005	18.0	0.022	<0.002	722
Duplicate	11/11/03	0.026	0.033	<0.001	135	<0.002	<0.011	48.1	<0.0005	17.3	0.022	<0.002	747
	05/24/04	0.030	0.063	<0.005	126	<0.010	<0.010	45.8	<0.0002	19.7	<0.010	<0.0125	674
	11/10/04	0.0314	0.0588	<0.001	121	<0.005	0.0074	41.4	<0.0005	19.5	0.0233	<0.005	860
	05/25/05	0.0174	0.1250	0.0042	192	<0.005	<0.011	88.4	<0.001	47.5	0.0306	<0.005	413
	12/02/05	<0.020	0.1240	<0.010	59.9	<0.0125	<0.030	74.6	<0.0005	66.3	<0.0525	<0.014	957
	06/27/06	0.0203	0.0603	<0.00692	122.0	<0.00698	<0.00296	54.2	0.00008	51.6	<0.0300	<0.00405	1040
	12/12/06	0.0267	0.0409	<0.0150	90.3	0.00114	<0.00346	33.7	<0.00025	38.2	0.00763	0.000551	1110
Duplicate	12/12/06	0.0259	0.044	<0.00346	130.0	0.000135	<0.00148	44.8	<0.00025	39.4	0.0123	0.00522	1,200
	06/07/07	0.0330	0.1700	<0.001	85.0	0.00510	0.00150	22.0	0.00025	15.0	0.0044	<0.001	600
	12/04/07	0.0380	0.0670	<0.001	72.0	0.00500	0.00220	23.0	0.00016	14.0	0.0049	<0.001	550
	06/26/08	0.0206	0.0490	<0.003	47.4	0.00236	0.000527	16.0	<0.00008	13.0	0.00224	<0.001	485
	11/25/08	0.0225	0.0693	<0.0003	35.9	<0.002	0.000791	12.9	<0.00008	14.4	0.00367	<0.001	509
	03/23/09	0.0209	0.0589	<0.0003	35.0	0.00204	0.00116	11.9	<0.00008	12.7	<0.002	<0.001	491
Duplicate	03/23/09	0.0204	0.0576	<0.0003	36.9	0.00204	0.00109	12.7	<0.00008	12.6	<0.002	<0.001	494
	10/13/09	0.0213	0.0531	<0.0003	32.3	0.00305	0.000496	10.9	<0.00008	11.0	<0.002	<0.001	472

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		0.1	1.0	0.01	--	0.05	0.05	--	0.002	--	0.05	0.05	--
MW-06	09/05/02	0.082	0.263	<0.001	17.6	<0.002	<0.011	50.3	<0.002	17.5	0.034	<0.002	537
	11/06/03	--	--	--	91.2	--	--	6.4	--	14.3	--	--	448
	06/13/03	0.013	0.199	<0.001	47.9	0.002	<0.012	51.1	<0.0005	14.8	<0.004	<0.002	407
	11/11/03	0.033	0.140	<0.001	104	<0.002	<0.011	56.7	<0.0005	12.0	0.019	<0.002	423
	05/24/04	0.055	0.193	<0.005	76.8	<0.010	<0.010	39.5	<0.0002	15.2	<0.010	<0.0125	381
	11/10/04	0.0369	0.167	<0.001	39.2	<0.005	0.0144	44.4	0.0001	14.0	<0.004	<0.005	400
	05/25/05	0.0718	0.164	0.0046	92.3	<0.005	<0.011	57.5	<0.001	12.1	<0.004	<0.005	315
	12/02/05	<0.020	0.194	<0.010	18.0	**0.054**	**0.1810**	43.2	0.00004	12.4	<0.0525	<0.0140	395
	06/27/06	0.0417	0.122	<0.00692	45.5	<0.00698	<0.00296	30.6	0.00014	8.94	<0.0300	<0.00405	376
	12/08/06	0.0353	0.144	<0.0150	95.2	<0.00202	<0.00346	9.2	<0.00025	47.6	0.00518	<0.00148	385
	06/07/07	0.038	0.200	<0.001	110	0.0030	0.0012	42.0	0.00019	7.30	0.0016	<0.001	390
	12/04/07	0.040	0.140	<0.001	85.0	<0.002	<0.001	44.0	<0.00013	7.30	<0.002	<0.001	410
	06/26/08	0.0258	0.0117	<0.0003	63.6	<0.002	<0.0003	36.8	<0.00008	6.08	<0.002	<0.001	366
	11/25/08	0.0273	0.144	<0.0003	73.2	<0.002	<0.0003	40.6	<0.00008	6.21	<0.002	<0.001	435
	03/24/09	0.0291	0.0804	<0.0003	79.5	<0.002	<0.0003	44.9	<0.00008	6.64	<0.002	<0.001	370
	10/13/09	0.0251	0.1020	<0.0003	61.3	<0.002	<0.0003	35.8	<0.00008	6.62	<0.002	<0.001	388

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		**0.1**	**1.0**	**0.01**	**--**	**0.05**	**0.05**	**--**	**0.002**	**--**	**0.05**	**0.05**	**--**
MW-07	09/05/02	0.028	0.055	<0.001	130	0.011	<0.011	63.0	<0.002	13.6	0.026	<0.002	297
Duplicate	09/05/02	0.023	0.054	<0.001	145	0.014	<0.011	64.2	<0.002	14.4	0.024	<0.002	303
	11/07/02	--	--	--	189	0.029	--	6.3	--	12.1	--	--	283
	06/13/03	<0.009	0.074	<0.001	140	<0.002	<0.012	57.2	<0.0005	12.8	0.014	<0.002	209
	11/11/03	<0.008	0.055	<0.001	179	<0.002	<0.011	59.2	<0.0005	11.2	0.026	<0.002	240
	05/24/04	<0.010	0.074	<0.005	158	<0.010	<0.020	54.1	<0.0002	13.8	<0.010	<0.0125	215
Duplicate	05/24/04	0.037	0.064	<0.005	157	<0.010	<0.010	54.3	<0.0002	13.3	<0.010	<0.0125	215
	11/10/04	0.0205	0.0632	<0.001	112	<0.005	0.0087	49.4	0.00015	12.0	0.0159	<0.005	214
	05/26/05	0.0373	0.0817	<0.001	153	<0.005	0.0116	56.7	<0.001	11.9	0.0101	<0.005	199
	12/06/05	<0.020	0.0590	0.002	141	<0.0125	<0.0300	52.4	0.00004	11.0	<0.0525	<0.0140	200
Duplicate	12/06/05	<0.020	0.0801	<0.010	144	<0.0125	<0.030	45.0	0.00004	10.8	<0.0525	<0.0140	215
	12/05/06	0.0101	0.0510	<0.003	141	0.00183	<0.000692	76.4	<0.00025	9.8	0.00881	0.000163	280
	06/06/07	0.0061	0.0540	<0.001	140	0.0013	<0.001	50.0	0.00016	8.1	0.00670	<0.001	160
	12/03/07	0.009	0.100	<0.001	190	0.0025	<0.001	56.0	<0.00013	8.2	0.00930	<0.001	180
	06/25/08	0.00578	0.0520	<0.0003	151	<0.002	<0.0003	53.1	<0.00008	8.22	0.00754	<0.001	191
	11/24/08	0.00638	0.0518	<0.0003	136	<0.002	<0.0003	55.7	<0.00008	8.05	0.00884	<0.001	187
Duplicate	11/24/08	0.00681	0.0534	<0.0003	148	<0.002	<0.0003	57.5	<0.00008	8.97	0.00958	<0.001	200
	03/23/09	0.00584	0.0528	<0.0003	151	<0.002	<0.0003	55.0	<0.00008	8.54	0.00718	<0.001	208
	10/12/09	0.00634	0.0520	<0.0003	150	<0.002	<0.0003	54.6	<0.00008	8.99	0.00712	<0.001	187
Duplicate	10/12/09	0.00610	0.0492	<0.0003	145	<0.002	<0.0003	49.6	<0.00008	8.63	0.00712	<0.001	191

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		**0.1**	**1.0**	**0.01**	**--**	**0.05**	**0.05**	**--**	**0.002**	**--**	**0.05**	**0.05**	**--**
MW-08	09/06/02	0.034	0.092	<0.001	128	<0.002	<0.011	55.8	<0.002	8.2	<0.004	<0.002	151
	11/07/02	--	--	--	160	--	--	7.7	--	11.1	--	--	199
	06/13/03	0.012	0.124	<0.001	110	<0.002	<0.012	55.0	<0.0005	8.7	0.006	<0.002	136
	11/11/03	<0.008	0.110	<0.001	263	<0.002	<0.011	134.0	<0.0005	15.1	0.006	<0.002	351
	05/24/04	<0.010	0.078	<0.005	123	<0.010	<0.010	53.3	<0.0002	12.8	<0.010	<0.0125	157
	11/10/04	0.0148	0.101	<0.001	145	<0.005	0.01	84.3	<0.0005	13.6	0.007	<0.005	245
	05/26/05	0.0456	0.118	0.0022	100	<0.005	0.0137	48.9	<0.001	8.63	0.0117	<0.005	106
Duplicate	05/26/05	0.0723	0.124	0.0047	99.3	<0.005	0.0064	57.7	<0.001	10.4	<0.004	<0.005	135
	12/06/05	<0.020	0.118	<0.010	103	0.0325	0.0173	60.4	0.00006	10.4	<0.0525	<0.0140	214
	12/05/06	0.0156	0.067	<0.003	141	0.0011	<0.000692	76.4	<0.00025	9.8	0.00921	0.000575	280
	06/06/07	0.012	0.08	<0.001	120	<0.0011	<0.001	52.0	0.00017	9.0	0.00660	<0.001	250
	12/03/07	0.012	0.082	<0.001	150	<0.002	<0.001	66.0	<0.00013	8.5	0.00650	<0.001	410
	06/25/08	0.0115	0.0588	<0.0003	108	<0.002	<0.0003	51.6	<0.00008	7.57	0.00574	<0.001	341
	11/24/08	0.0127	0.0571	<0.0003	104	<0.002	<0.0003	53.2	<0.00008	7.07	0.00727	<0.001	348
	03/23/09	0.0115	0.0602	<0.0003	113	<0.002	<0.0003	53.2	<0.00008	7.91	0.00564	<0.001	360
	10/12/09	0.0125	0.0555	<0.0003	107	<0.002	<0.0003	49.2	<0.00008	8.33	0.00606	<0.001	358
MW-09	09/06/02	0.025	0.089	<0.001	21.5	<0.002	<0.011	25.8	<0.002	4.2	0.021	<0.002	78.9
	11/07/02	--	--	--	76.8	--	--	3.4	--	9.1	--	--	91.0
	06/13/03	<0.009	0.152	0.001	50.6	0.004	<0.012	26.0	<0.0005	9.3	<0.004	<0.002	85.0
	11/11/03	0.011	0.066	<0.001	79.8	<0.002	<0.011	32.0	<0.0005	8.0	0.010	<0.002	95.2
	05/24/04	<0.010	0.065	<0.005	74.4	<0.010	<0.010	29.8	<0.0002	6.3	<0.010	<0.0125	80.6
	11/10/04	0.009	0.085	<0.001	35.1	<0.005	0.0108	26.3	0.00017	4.8	<0.004	<0.005	89.2
	05/26/05	0.0824	0.0928	0.0038	69.7	<0.005	0.0258	32.4	<0.001	6.32	<0.004	<0.005	50.9
	12/06/05	<0.020	0.1130	<0.0100	35.2	<0.0125	0.0152	34.9	0.00008	5.59	<0.0525	0.00566	99.4
	12/05/06	0.0114	0.0563	<0.003	71.8	0.001	<0.000692	31.9	<0.00025	5.12	0.00091	0.000226	79.2
	06/06/07	0.0096	0.069	<0.001	86.0	<0.0011	<0.001	33.0	0.00018	5.3	<0.001	<0.001	100
	12/03/07	0.0089	0.072	<0.001	77.0	<0.0020	<0.001	30.0	<0.00013	4.4	<0.002	<0.001	93.0
	06/25/08	0.00769	0.0514	<0.0003	68.0	<0.002	0.000618	26.6	<0.00008	4.40	<0.002	<0.001	82.5
	11/24/08	0.00885	0.0457	<0.0003	63.6	<0.002	<0.0003	26.4	<0.00008	4.04	<0.002	<0.001	86.4
	03/23/09	0.00891	0.0534	<0.0003	69.7	<0.002	<0.0003	28.8	<0.00008	4.60	<0.002	<0.001	90.8
	10/12/09	0.00846	0.0532	<0.0003	70.6	<0.002	<0.0003	29.0	<0.00008	4.98	<0.002	<0.001	90.6

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		0.1	1.0	0.01	--	0.05	0.05	--	0.002	--	0.05	0.05	--
MW-10	09/06/02	0.029	0.097	<0.001	90.6	0.002	<0.011	27.0	<0.002	4.1	<0.004	<0.002	61.6
	11/07/02	--	--	--	237	--	--	3.3	--	6.2	--	--	56.8
	06/13/03	<0.009	0.233	<0.001	154	<0.002	<0.012	35.2	<0.0005	6.5	<0.004	<0.002	54.2
	11/13/03	<0.008	0.170	<0.001	175	<0.002	<0.011	45.5	<0.0005	8.2	<0.004	<0.002	91.2
	05/24/04	<0.010	0.201	<0.005	186	<0.020	<0.010	44.2	<0.0002	5.3	<0.010	<0.0125	47.9
	11/11/04	0.0129	0.250	<0.001	185	<0.005	<0.011	49.2	<0.0005	4.0	0.0036	<0.005	47.9
	05/26/05	0.0794	0.376	0.0042	211	<0.005	<0.011	53.9	<0.001	5.34	0.0039	<0.005	75.2
	12/06/05	<0.020	0.467	<0.010	272	<0.0125	**0.2090**	61.0	0.00004	4.69	<0.0525	<0.0140	60.8
	12/05/06	0.00934	0.303	<0.003	280	0.000368	<0.000692	76.5	<0.00025	4.31	0.00376	0.000464	44.7
	06/06/07	0.0067	0.37	<0.001	270	0.0019	<0.001	62.0	0.00021	4.1	0.0032	<0.001	50.0
	12/03/07	0.0074	0.31	<0.001	280	<0.002	<0.001	63.0	<0.00013	4.0	0.0035	<0.001	54.0
	06/25/08	0.00707	0.253	<0.0003	252	<0.002	<0.0003	60.8	<0.00008	4.16	0.00370	<0.001	51.2
	11/24/08	0.00824	0.233	<0.0003	230	<0.002	<0.0003	60.4	<0.00008	4.18	0.00435	<0.001	56.2
	03/23/09	0.00802	0.221	<0.0003	239	<0.002	<0.0003	60.2	<0.00008	4.32	0.00412	<0.001	58.2
	10/12/09	0.00783	0.230	<0.0003	252	<0.002	<0.0003	62.1	<0.00008	4.70	0.00384	<0.001	56.5
MW-11	09/06/02	0.053	0.088	<0.001	37.4	<0.002	<0.011	20.8	<0.002	5.1	<0.004	<0.002	64.3
	11/07/02	--	--	--	40.8	--	--	2.4	--	7.3	--	--	64.1
Duplicate	11/07/02	--	--	--	39.8	--	--	2.3	--	7.5	--	--	70.9
	06/16/03	<0.080	0.179	<0.010	49.6	0.031	**0.111**	22.0	<0.0005	32.2	<0.040	<0.020	282
	11/13/03	0.050	0.167	<0.001	28.8	<0.002	<0.011	15.9	<0.0005	9.8	<0.004	<0.002	116
	05/26/04	0.037	0.888	<0.005	36.7	<0.010	<0.010	18.5	<0.0002	4.5	<0.010	<0.0125	51.3
Duplicate	05/26/04	<0.010	**1.020**	<0.005	36.1	<0.010	<0.010	18.4	<0.0002	4.5	<0.010	<0.0125	51.3
	11/11/04	0.0444	**1.090**	<0.001	26.9	<0.005	<0.0110	18.3	<0.0005	3.5	0.004	<0.005	51.1
	05/26/05	0.0621	0.914	0.0023	30.1	<0.005	0.0174	19.4	<0.001	4.94	<0.004	<0.005	63.3
	06/28/06	0.00348	0.583	<0.00692	41.4	<0.00698	<0.00296	23.5	0.0001	4.36	<0.0300	<0.00405	77.2
	12/06/05	<0.020	0.745	<0.010	26.4	<0.0125	0.00959	15.9	0.00004	3.04	<0.0525	<0.0140	51.1
	12/05/06	0.0127	**1.17**	<0.003	34.9	0.000387	<0.000692	21.1	<0.00025	3.15	0.001	<0.000296	51.9
	06/06/07	0.014	**1.40**	<0.001	42	<0.0011	<0.001	24	0.00019	3.8	<0.001	<0.001	57
	12/03/07	0.011	0.81	<0.001	44	<0.002	<0.001	23	<0.00013	4.0	<0.002	<0.001	57
	06/25/08	0.0106	0.397	<0.0003	38.1	<0.002	<0.0003	21.1	<0.00008	4.41	<0.002	<0.001	64.8
	11/24/08	0.0219	0.523	<0.0003	37.4	<0.002	<0.0003	22.5	<0.00008	3.81	<0.002	<0.001	61.0
	03/23/09	0.00470	0.604	<0.0003	42.5	<0.002	<0.0003	25.8	<0.00008	4.43	<0.002	<0.001	69.6
	10/12/09	0.00332	1.14	<0.0003	44.8	<0.002	<0.0003	30.0	<0.00008	3.52	<0.002	<0.001	67.0

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		**0.1**	**1.0**	**0.01**	--	**0.05**	**0.05**	--	**0.002**	--	**0.05**	**0.05**	--
MW-12	06/16/03	0.021	0.074	<0.001	357	<0.002	<0.011	171.0	<0.0005	44.9	0.010	<0.002	1,680
	11/13/03	<0.008	0.069	<0.001	434	<0.002	<0.011	261.0	<0.0005	274.0	<0.004	<0.002	758
Duplicate	11/13/03	<0.008	0.074	<0.001	449	<0.002	<0.011	272	<0.0005	29.2	<0.004	<0.002	789
	05/26/04	<0.010	0.074	<0.005	355	<0.010	<0.010	167.0	<0.0002	21.2	<0.010	<0.0125	539
	11/11/04	0.0402	0.124	<0.001	525	<0.005	<0.011	315.0	<0.0005	24.3	**0.059**	**0.358**	448
Duplicate	11/11/04	0.0332	0.170	<0.001	563	<0.005	0.0322	396	<0.005	27.1	0.00850	<0.0005	505
	05/26/05	0.0452	0.105	0.003	259	<0.005	0.0158	150	<0.001	18.8	0.011	<0.005	445
	12/06/05	<0.020	0.077	<0.010	354	<0.0125	<0.030	191	0.00006	14.5	<0.0525	<0.0140	514
Duplicate	12/06/05	<0.020	0.0784	<0.010	372	<0.0125	<0.030	194	0.00004	14.0	<0.0525	<0.0140	554
	06/28/06	0.0116	0.046	<0.00692	339	<0.00698	<0.00296	164	0.00027	13.6	0.0145	<0.00405	520
	12/08/06	0.0195	0.047	<0.0150	680	<0.00202	<0.000692	252.0	<0.00025	13.6	0.0201	0.00151	705
	06/06/07	0.012	0.049	<0.001	450	<0.0011	<0.001	200	0.00021	11.0	0.0180	<0.001	600
	12/03/07	0.031	0.30	<0.001	500	0.044	0.014	220	<0.00013	20.0	0.0180	<0.001	560
	06/25/08	0.00968	0.053	<0.0003	499	<0.002	<0.0003	229	<0.00008	11.4	0.0162	<0.001	574
	11/24/08	0.0113	0.0512	<0.0003	466	<0.002	<0.0003	223	<0.00008	9.87	0.0206	<0.001	573
	03/23/09	0.00946	0.0526	<0.0003	526	<0.002	<0.0003	248	<0.00008	11.4	0.0145	<0.001	610
	10/12/09	0.0102	0.0569	<0.0003	623	<0.002	<0.0003	287	<0.00008	12.9	0.0181	<0.001	657
MW-13	06/16/03	<0.080	0.190	<0.010	2,100	<0.020	**0.158**	650.0	<0.0005	202.0	<0.040	<0.020	5,990
	11/13/03	<0.008	0.103	<0.001	1,990	<0.002	<0.011	670.0	<0.0005	77.9	0.006	<0.002	3,790
	05/26/04	<0.010	0.160	<0.005	1,570	<0.010	0.013	531.0	<0.0002	43.4	<0.010	<0.0125	1,970
	11/11/04	0.037	0.125	0.0052	1,680	<0.005	<0.0110	659.0	<0.0005	36.2	0.037	<0.005	1,990
	05/25/05	0.0146	0.123	0.0049	1,600	<0.005	<0.011	393	<0.001	46.8	0.0079	<0.005	892
	12/07/05	<0.020	0.191	<0.010	2,570	<0.0125	0.0329	805	0.00006	33.1	<0.0525	<0.0140	1,210
	06/27/06	0.0157	0.108	<0.00692	2,170	<0.00698	<0.00296	702	0.00009	30.3	0.0267	<0.00405	860
Duplicate	06/27/06	0.00823	0.105	<0.00692	2,020	<0.00698	<0.00296	766.00	0.00013	29.1	0.0196	<0.00405	910
	12/06/06	0.0325	0.117	<0.0150	2,500	<0.00202	<0.000692	978	<0.00025	40.2	0.0246	0.00121	1,110
	06/06/07	0.0089	0.092	<0.001	1,900	<0.0011	<0.001	560	0.00021	23.0	0.0200	<0.001	1,400
	12/03/07	0.0100	0.140	<0.001	2,100	0.0035	<0.001	590	<0.00013	25.0	0.0230	<0.001	1,400
	06/25/08	0.00800	0.0952	<0.0003	1,860	<0.002	<0.0003	595	<0.00008	23.8	0.0173	<0.001	1,320
	11/24/08	0.00746	0.0937	<0.0003	1,780	<0.002	<0.0003	602	<0.00008	24.4	0.0215	<0.001	1,350
	03/24/09	0.00661	0.115	<0.0003	2,000	<0.002	<0.0003	650	<0.00008	23.5	0.0165	<0.001	927
	10/12/09	0.00811	0.107	<0.0003	1,990	<0.002	<0.0003	650	<0.00008	26.4	0.0187	<0.001	1,300

Table 3
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Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		0.1	1.0	0.01	--	0.05	0.05	--	0.002	--	0.05	0.05	--
MW-14	06/16/03	<0.080	0.138	<0.010	1,720	<0.020	<0.110	691	<0.0005	464	<0.040	<0.020	39,200
	11/12/03	<0.008	0.103	<0.001	1,620	<0.002	<0.011	692	<0.0005	166	<0.004	<0.002	15,200
	05/24/04	0.031	0.241	<0.005	625	<0.010	<0.010	332	<0.0002	73.60	<0.010	<0.0125	4,490
	11/10/04	0.0253	0.208	<0.001	1,100	<0.005	<0.0110	668	<0.005	203	<0.004	0.0088	13,700
	05/25/05	<0.08	0.146	**0.0257**	936	<0.05	<0.11	738	<0.001	526	<0.04	<0.05	11,400
	12/07/05	<0.020	0.281	<0.010	1,060	<0.0125	0.0122	654	<0.0005	272	<0.0525	<0.0140	15,200
Duplicate	12/07/05	<0.020	0.229	<0.010	1,010	<0.0125	0.0235	660	<0.0005	291	0.0433	<0.0140	14,800
	06/27/06	0.0306	0.232	<0.00692	836	<0.00698	<0.00296	446	<0.00025	99	<0.0300	<0.00405	6,480
	12/06/06	0.0339	0.238	<0.0150	882	0.000826	<0.000692	394	<0.00025	80	0.000850	0.00102	5,350
	06/07/07	0.024	0.300	<0.001	760	0.0180	0.0055	420	<0.00013	91	0.00190	<0.001	13,000
	12/03/07	0.023	0.200	<0.001	960	<0.002	<0.001	510	<0.00013	230	0.00380	<0.001	26,000
Duplicate	12/03/07	0.023	0.210	<0.001	1,000	<0.002	<0.001	540	<0.00013	240	0.00400	<0.001	27,000
	06/26/08	0.0151	0.177	<0.003	1,130	<0.002	<0.003	592	<0.00008	177	0.00394	<0.01	24,000
Duplicate	06/26/08	0.0151	0.176	<0.003	1,110	<0.002	<0.003	606	<0.00008	178	0.00423	<0.01	23,900
	11/25/08	0.0217	0.184	0.000576	1,060	<0.002	0.000908	580	<0.00008	186	0.00706	<0.001	25,100
	03/24/09	0.0171	0.179	<0.0015	1,040	<0.002	<0.0015	591	<0.00008	195	<0.01	<0.005	22,600
	10/13/09	0.0205	0.178	0.000785	1,200	<0.002	0.000653	700	<0.00008	205	0.0149	<0.001	27,900
MW-15	06/16/03	<0.080	0.045	<0.010	189	<0.020	<0.110	78.5	<0.0005	260	**0.100**	<0.020	3,560
	11/11/03	0.024	0.045	<0.001	135	<0.002	<0.011	62.5	<0.0005	45.1	0.022	<0.002	1,060
	05/24/04	<0.010	0.206	<0.005	96.8	0.011	<0.010	46.9	<0.0002	36.6	<0.010	<0.0125	825
	11/10/04	0.0199	0.0485	<0.001	40.1	0.0149	0.0450	43.4	<0.0005	33.8	0.0049	<0.005	813
	05/25/05	0.019	0.0545	0.0033	108	0.0127	<0.011	56.0	<0.001	32.2	0.0221	0.0027	680
	12/07/05	<0.020	0.0947	<0.010	55.2	0.0112	0.00574	37.9	0.00004	32.5	<0.0525	<0.0140	819
	12/08/06	0.0197	0.0471	<0.0150	175	0.0356	<0.00346	103	<0.00025	26.8	0.00887	<0.00148	773
Duplicate	12/08/06	0.0206	0.0476	<0.0150	190	0.0343	<0.00346	112	<0.00025	27.5	0.00972	0.000361	1,070
	06/07/07	0.017	0.170	<0.001	200	0.0460	<0.001	100	0.00028	23.0	0.00850	<0.001	860
	12/04/07	0.019	0.370	<0.001	200	**0.0630**	0.0012	90.0	0.00013	24.0	0.00520	<0.001	780
	06/26/08	0.0102	0.034	<0.0003	132	0.0460	<0.0003	70.2	<0.00008	19.1	0.00296	<0.001	755
	11/25/08	0.0114	0.0438	<0.0003	185	**0.0501**	<0.0003	98.6	<0.00008	20.3	0.00762	<0.001	715
	03/24/09	0.00909	0.0430	<0.0003	205	0.0422	<0.0003	98.5	<0.00008	22.3	0.00532	<0.001	723
	10/13/09	0.0122	0.0353	0.0005	162	0.0348	<0.0003	80.9	<0.00008	19.5	0.00377	<0.001	673

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		0.1	1.0	0.01	--	0.05	0.05	--	0.002	--	0.05	0.05	--
MW-16	06/13/03	<0.009	0.210	<0.001	94.9	<0.002	<0.012	48.2	<0.0005	13.7	<0.004	<0.002	366
	11/12/03	<0.008	0.203	<0.001	56	<0.002	<0.011	61.4	<0.0005	14.6	0.033	<0.002	470
	05/24/04	<0.010	0.208	<0.005	106	<0.010	<0.010	33.4	<0.0002	11.8	<0.010	<0.0125	373
	11/11/04	0.0141	0.202	<0.001	47.3	<0.005	0.0169	31.2	<0.0005	10.6	0.0032	<0.005	369
	05/25/05	<0.008	0.510	0.0026	102	<0.005	<0.011	49.0	<0.001	11.3	<0.004	<0.005	312
	12/07/05	<0.020	0.346	<0.010	73.9	<0.0125	<0.0300	56.6	0.0001	13.4	<0.0525	<0.0140	456
	12/12/06	0.0125	0.255	<0.0150	171	<0.00202	<0.00346	46.2	<0.00025	13.0	0.0024	0.00596	760
Duplicate	12/12/06	0.0114	0.288	<0.000692	177	0.000824	<0.000296	52.2	<0.00025	13.6	0.00115	0.000322	728
	06/07/07	0.01100	0.820	<0.001	180	0.0110	0.0029	52.0	0.00095	11.0	<0.001	<0.001	510
Duplicate	06/07/07	0.00790	0.510	<0.001	160	0.0047	0.0012	50.0	0.00065	9.40	<0.001	<0.001	500
	12/04/07	0.00830	0.180	<0.001	100	<0.002	<0.001	33.0	0.00016	7.90	<0.002	<0.001	480
	06/26/08	0.00794	0.122	<0.0003	69.6	<0.002	<0.0003	23.0	<0.00008	6.10	<0.002	<0.001	419
	11/25/08	0.00827	0.161	0.000706	84.1	<0.002	<0.0003	29.6	0.000224	6.62	<0.002	<0.001	394
	03/24/09	0.00569	0.160	<0.0003	94.6	<0.002	<0.0003	32.9	<0.00008	7.54	<0.002	<0.001	486
	10/13/09	0.00689	0.136	<0.0003	101.0	<0.002	<0.0003	37.1	<0.00008	7.88	<0.002	<0.001	508
MW-18	01/19/06	0.0213	0.0952	0.00382	412	0.00370	0.0117	210	<0.001	23.7	<0.0210	<0.0056	1,640
	06/28/06	0.0106	0.0757	<0.00692	386	<0.00698	<0.00296	177	0.00009	22.3	<0.0300	0.00191	1,690
	12/08/06	0.0149	0.0794	<0.0150	669	0.00116	<0.00346	233	<0.00025	29.7	0.00588	0.00134	1,640
	06/07/07	0.0091	0.120	<0.001	610	0.0019	<0.001	260	0.00027	18.0	0.00430	<0.001	1,800
	12/04/07	0.0091	0.110	<0.001	710	<0.002	<0.001	290	<0.00013	21.0	0.00300	<0.001	2,000
	06/25/08	0.00683	0.111	<0.0003	770	<0.002	<0.0003	311	<0.00008	19.9	0.00220	<0.001	2,100
	11/25/08	0.00784	0.108	0.00108	765	<0.002	<0.0003	343	<0.00008	22.1	0.00508	<0.001	2,070
	03/24/09	0.00635	0.108	<0.0003	835	<0.002	<0.0003	344	<0.00008	22.1	0.00240	<0.001	2,050
	10/13/09	0.00715	0.120	<0.0003	924	<0.002	<0.0003	421	<0.00008	25.2	0.00324	<0.001	2,410

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		0.1	1.0	0.01	--	0.05	0.05	--	0.002	--	0.05	0.05	--
MW-19	12/07/05	<0.020	0.0598	<0.010	439	0.00173	<0.030	204	0.00036	23.1	<0.0525	<0.0140	1,460
	06/28/06	0.0155	0.0367	<0.00692	465	0.00460	<0.00296	232	0.00011	24.9	<0.0300	<0.00405	1,540
Duplicate	06/28/06	0.0144	0.041	<0.00692	496	0.00576	<0.00296	237	0.00009	25.6	0.01570	<0.00405	1,520
	12/08/06	0.021	0.0415	<0.0150	984	0.00413	<0.00346	700	<0.00025	38.6	0.00802	0.00088	2,480
	06/06/07	0.014	0.052	<0.001	790	0.00450	<0.001	380	0.00039	23.0	0.00560	<0.001	2,200
	12/04/07	0.014	0.058	<0.001	860	0.00520	<0.001	400	<0.00013	25.0	0.00600	<0.001	2,300
	06/25/08	0.0113	0.0577	<0.0003	869	0.00369	<0.0003	411	0.000194	23.2	0.00538	<0.001	2,560
	11/25/08	0.0124	0.0609	<0.0003	1,050	0.00439	<0.0003	514	0.000207	25.7	0.00805	<0.001	2,760
	03/24/09	0.00956	0.0728	<0.0003	1,160	<0.002	<0.0003	539	<0.00008	28.6	0.00515	<0.001	2,830
	10/13/09	0.0115	0.0828	<0.0003	1,420	0.00275	<0.0003	714	0.000333	33.7	0.00578	<0.001	3,460
MW-20	12/07/05	<0.020	0.066	<0.0100	27.7	<0.0125	<0.0300	36.9	0.00004	80.6	<0.0525	<0.0140	2,760
	06/28/06	<0.0170	0.036	<0.00692	35.2	0.00386	<0.00296	20.9	0.0002	63.2	0.01010	<0.00405	2,180
	12/08/06	0.0562	0.0205	<0.0150	31.6	0.00516	<0.00346	20.4	<0.00025	61.2	0.00838	0.00087	2,910
Duplicate	12/08/06	0.0567	0.0208	<0.0150	32.6	0.00447	<0.00346	16.7	<0.00025	55.0	0.00958	0.00107	2,780
	06/06/07	0.061	0.024	<0.001	32.0	0.00590	<0.001	18.0	0.00019	44.0	0.00760	<0.001	2,000
	12/04/07	0.058	0.044	<0.001	38.0	0.0070	<0.001	17.0	<0.00013	40.0	0.00760	<0.001	1,900
	06/25/08	0.0558	0.0190	<0.0003	25.7	0.00484	0.00223	13.3	<0.00008	35.0	0.00618	<0.001	1,750
	11/25/08	0.0583	0.0204	<0.0003	26.5	0.00621	<0.0003	15.4	<0.00008	36.6	0.00889	<0.001	1,800
	03/24/09	0.0458	0.0258	<0.0003	34.3	0.00574	<0.0003	18.3	<0.00008	43.9	0.00533	<0.001	1,960
	10/13/09	0.0448	0.0240	<0.0003	41.6	0.00684	<0.0003	23.3	<0.00008	48.6	0.00714	<0.001	2,300

Table 3
Summary of Dissolved Metals in Groundwater
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Arsenic	Barium	Cadmium	Calcium	Chromium	Lead	Magnesium	Mercury	Potassium	Selenium	Silver	Sodium
WQCC Standard		**0.1**	**1.0**	**0.01**	**--**	**0.05**	**0.05**	**--**	**0.002**	**--**	**0.05**	**0.05**	**--**
MW-21	03/24/09	0.00587	0.117	<0.0003	274	<0.002	<0.0003	113	0.0000894	51.5	0.00908	<0.001	2,900
	10/13/09	0.00810	0.111	<0.0003	302	<0.002	<0.0003	146	<0.00008	57.8	0.0114	<0.001	2,850
MW-UN-01	11/24/08	0.0122	1.12	<0.0003	168	<0.002	<0.0003	102	<0.00008	8.66	<0.002	<0.001	341
	03/23/09	0.00955	1.31	<0.0003	206	<0.002	<0.0003	111	<0.00008	10.5	<0.002	<0.001	406
	10/13/09	0.00835	3.23	<0.0003	200	<0.002	<0.0003	138	<0.00008	10.4	<0.002	<0.001	470
MW-UN-02	11/24/08	0.00764	0.249	0.000939	89.4	<0.002	0.000308	40.9	<0.00008	9.41	<0.002	<0.001	390
	03/23/09	0.00638	0.492	0.000474	125	<0.002	<0.0003	55.2	<0.00008	12.2	<0.002	<0.001	537
	10/13/09	0.00698	0.404	<0.0003	138	<0.002	<0.0003	61.6	<0.00008	11.0	<0.002	<0.001	308

Notes:
All results reported in milligrams per liter (mg/L)
"<" Indicates the reported concentration is below the method detection limit (MDL).
"--" Indicates the chemical was not analyzed.
Blue indicated the chemical exceeds the Water Quality Control Commission (WQCC) standard.

Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	**250**	**600**	**1,000**
MW-01	04/23/02	300	**724**	542	**2,340**
	05/14/02	--	---	--	--
	09/05/02	266	**851**	**621**	**2,620**
	11/06/02	292	**957**	**665**	**2,800**
	06/13/03	356	**939**	505	**2,720**
	11/11/03	375	**1,080**	507	**3,120**
Duplicate	11/11/03	378	**1,170**	535	**3,450**
	05/24/04	302	**956**	479	**3,050**
	11/10/04	346	**1,080**	555	**2,990**
Duplicate	11/10/04	332	**1,060**	528	**2,960**
	05/25/05	281	**1,170**	479	**3,610**
	11/30/05	292	**828**	400	**2,550**
	06/27/06	250	**808**	406	**2,550**
	12/05/06	392	**662**	402	**1,920**
	06/07/07	380	**740**	480	**2,400**
	12/03/07	420	**810**	440	**2,600**
	06/25/08	376	**909**	421	**2,730**
	11/24/08	392	**849**	342	**2,380**
	03/23/09	374	**836**	405	**2,590**
	10/12/09	369	**692**	414	**2,470**
MW-02	04/23/02	180	**625**	**1,270**	**3,240**
	09/05/02	198	**638**	**1,090**	**3,290**
	11/06/02	180	**691**	**1,160**	**3,420**
	06/16/03	200	**691**	**929**	**3,270**
	11/11/04	240	**780**	**990**	**3,380**
	05/25/05	266	**706**	**1,180**	**3,490**
Duplicate	05/25/05	268	**729**	**1,220**	**3,350**
	12/02/05	260	**531**	**795**	**2,330**
	06/27/06	314	**598**	**913**	**3,230**
	06/07/07	490	**1,200**	**2,100**	**6,800**
	12/03/07	430	**470**	**870**	**2,900**
	06/25/08	No sample - roots clogging well			
	11/24/08	No sample - roots clogging well			
MW-02A	03/23/09	398	**510**	**904**	**2960**
	10/13/09	364	**533**	**916**	**2690**

Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	250	600	1,000
MW-03	04/23/02	304	**2,500**	245	**4,880**
	09/05/02	520	**1,910**	120	**4,280**
	11/06/02	528	**1,360**	76.4	**3,200**
	06/16/03	502	**1,540**	85.0	**3,780**
Duplicate	06/16/03	532	**1,370**	76.8	**2,460**
	11/13/03	345	**3,370**	218	**6,630**
	05/24/04	514	**1,580**	69.9	**3,590**
	11/10/04	536	**1,950**	59.4	**4,030**
	05/25/05	560	**1,410**	63.8	**3,580**
	12/02/05	704	**915**	42.5	**2,260**
	06/27/06	656	**1,190**	117	**2,970**
	12/06/06	680	**1,340**	486	**2,700**
	06/06/07	730	**580**	64	**1,900**
	12/03/07	660	**990**	34	**2,600**
	06/25/08	436	**2,830**	140	**5,790**
	11/24/08	393	**2,950**	165	**5,230**
	03/23/09	370	**3,050**	193	**6,540**
MW-04	09/05/02	410	**674**	**872**	**2,950**
	11/06/02	400	**691**	**975**	**3,060**
	06/16/03	492	**638**	**905**	**2,920**
	11/12/03	482	**585**	**727**	**3,170**
	05/26/04	410	**642**	**1,170**	**4,160**
	11/11/04	740	**691**	**1,610**	**4,820**
	05/25/05	324	**614**	**1,520**	**3,900**
	12/02/05	724	**292**	**1,050**	**3,460**
	06/27/06	732	**374**	**985**	**3,370**
	12/06/06	930	**259**	**1,230**	**3,100**
	06/06/07	750	190	**950**	**3,000**
	12/03/07	840	210	**1,100**	**3,400**
	06/25/08	610	**650**	**1,730**	**4,440**
	11/24/08	581	**637**	**1,740**	**4,300**
	03/23/09	594	**517**	**1,540**	**4,320**
	10/13/09	581	**616**	**1,840**	**3,900**

Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	**250**	**600**	**1,000**
MW-05	09/05/02	628	**514**	446	**2,190**
	11/06/02	608	**585**	403	**2,310**
	06/13/03	372	**425**	**784**	**2,450**
	11/11/03	381	**549**	596	**2,490**
Duplicate	11/11/03	388	**549**	**619**	**2,430**
	05/24/04	312	**898**	**1,010**	**3,595**
	11/10/04	276	**727**	**962**	**2,950**
	05/25/05	524	**794**	**950**	**3,580**
	12/02/05	774	**568**	**655**	**2,840**
	06/27/06	1060	**682**	**800**	**3,830**
	12/12/06	680	**565**	**960**	**2,750**
Duplicate	12/12/06	620	**546**	**928**	**3,110**
	06/07/07	710	**350**	480	**2,200**
	12/04/07	790	210	330	**2,000**
	06/26/08	847	196	213	**1,660**
	11/25/08	951	170	197	**1,710**
	03/23/09	918	150	171	**1,620**
Duplicate	03/23/09	904	159	173	**1,620**
	10/13/09	877	149	131	**1,420**
MW-06	09/05/02	700	**514**	67.5	**1,790**
	11/06/02	700	**567**	69.8	**1,870**
	06/13/03	600	**487**	114	**1,660**
	11/11/03	592	**487**	309	**1,770**
	05/24/04	568	**418**	178	**1,712**
	11/10/04	556	**496**	357	**1,800**
	05/25/05	640	**404**	232	**1,710**
	12/02/05	660	241	105	**1,330**
	06/27/06	592	**279**	115	**1,420**
	12/08/06	710	244	131	**1,370**
	06/07/07	730	240	190	**1,500**
	12/04/07	760	230	200	**1,700**
	06/26/08	707	**306**	169	**1,460**
	11/25/08	718	**316**	114	**1,540**
	03/24/09	760	**322**	150	**1,520**
	10/13/09	806	**265**	66.5	**1,310**

Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	250	600	1,000
MW-07	09/05/02	312	**443**	455	**1,810**
Duplicate	09/05/02	284	**461**	452	**1,920**
	11/07/02	260	**461**	**620**	**1,880**
	06/13/03	242	**372**	482	**1,660**
	11/11/03	290	**354**	454	**1,740**
	05/24/04	330	**326**	385	**1,520**
Duplicate	05/24/04	306	**310**	370	**1,632**
	11/10/04	304	**266**	412	**1,580**
	05/26/05	314	**287**	356	**1,490**
	12/06/05	328	191	215	**1,230**
Duplicate	12/06/05	292	185	210	**1,300**
	12/05/06	388	202	258	**1,150**
	06/06/07	380	210	280	**1,300**
	12/03/07	460	240	250	**1,300**
	06/25/08	339	**310**	279	**1,470**
	11/24/08	436	**307**	306	**1,420**
Duplicate	11/24/08	334	**300**	304	**1,450**
	03/23/09	342	**285**	306	**1,500**
	10/12/09	381	**210**	235	**1,360**
	10/12/09	371	**211**	236	**1,360**
MW-08	09/06/02	210	**337**	216	**1,180**
	11/07/02	180	**638**	241	**1,980**
	06/13/03	176	**399**	178	**1,100**
	11/11/03	199	**1,080**	217	**2,930**
	05/24/04	222	**400**	169	**1,232**
	11/10/04	180	**674**	196	**1,960**
	05/26/05	204	**281**	165	**1,020**
Duplicate	05/26/05	212	**417**	161	**1,280**
	12/06/05	212	**385**	133	**1,000**
	12/05/06	260	**588**	155	**1,220**
	06/06/07	230	**460**	190	**1,600**
	12/03/07	230	**750**	250	**2,000**
	06/25/08	227	**746**	170	**1,850**
	11/24/08	229	**686**	150	**1,630**
	03/23/09	237	**662**	150	**1,730**
	10/12/09	235	**471**	136	**1,440**

Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	250	600	1,000
MW-09	09/06/02	306	56.7	74.7	555
	11/07/02	346	65	90.8	718
	06/13/03	352	58.5	98	546
	11/11/03	362	63.8	96	745
	05/24/04	372	55.6	81.3	716
	11/10/04	364	63.8	105	730
	05/26/05	341	67.9	93.1	669
	12/06/05	340	48.6	68.4	564
	12/05/06	376	45.7	63.5	564
	06/06/07	370	55.0	96.0	730
	12/03/07	360	50.0	80.0	630
	06/25/08	342	66.4	91.3	673
	11/24/08	336	61.2	87.4	623
	03/23/09	356	58.7	88.3	652
	10/12/09	342	57.0	85.0	653
MW-10	09/06/02	160	168	94	696
	11/07/02	132	239	107	**1,020**
	06/13/03	120	**301**	91.6	**1,000**
	11/13/03	122	248	77.9	**1,250**
	05/24/04	148	**396**	74.5	**1,216**
	11/11/04	136	**496**	98.6	**1,230**
	05/26/05	128	**486**	89.5	**1,940**
	12/06/05	114	**444**	73.1	**1,320**
	12/05/06	160	**529**	65.6	**1,520**
	06/06/07	150	**560**	120	**2,400**
	12/03/07	160	**530**	130	**1,500**
	06/25/08	147	**619**	110	**1,930**
	11/24/08	152	**503**	107	**1,390**
	03/23/09	165	**509**	113	**1,530**
	10/12/09	163	**469**	95.2	**1,690**
MW-11	09/06/02	194	42.5	72.3	428
	11/07/02	152	47.3	76.5	459
Duplicate	11/07/02	154.0	47.3	80	460
	06/16/03	168	44.3	87.8	324
	11/13/03	200	40.7	25.7	411
	05/26/04	218	39.3	11.5	555
Duplicate	05/26/04	232	39	12.7	515
	11/11/04	210	53.1	<0.5	356
	05/26/05	214	54.2	17.1	358
	12/06/05	206	42.4	16.0	326
	06/27/06	222	46.7	19.4	412
	12/05/06	262	29.0	5.86	338
	06/06/07	280	38.0	7.4	**1,000**
	12/03/07	260	36.0	2.0	420
	06/25/08	282	42.1	21.9	495
	11/24/08	434	41.1	5.21	434
	03/23/09	329	41.2	12.6	508
	10/12/09	350	37.6	7.04	523

Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	250	600	1,000
MW-12	06/16/03	168	**1,510**	485	**2,550**
	11/13/03	170	**1,580**	482	**3,720**
Duplicate	11/13/03	172	**1,560**	457	**4,360**
	05/26/04	202	**1,470**	514	**4,200**
	11/11/04	158	**2,380**	197	**4,890**
Duplicate	11/11/04	156	**2,290**	199	**5,720**
	05/26/05	180	**1,460**	537	**4,040**
	12/06/05	156	**1,170**	418	**3,020**
Duplicate	12/06/05	156	**1,200**	445	**3,290**
	06/28/06	198	**1,490**	573	**3,800**
	12/08/06	280	**1,540**	**709**	**3,240**
	06/06/07	200	**1,500**	**690**	**4,200**
	12/03/07	200	**1,700**	**700**	**4,200**
	06/25/08	197	**2,060**	**809**	**5,880**
	11/24/08	199	**1,940**	**753**	**4,580**
	03/23/09	210	**2,020**	**766**	**5,120**
	10/12/09	209	**2,020**	**723**	**6,560**
MW-13	06/16/03	170	**8,680**	**1,230**	**20,900**
	11/13/03	210	**9,310**	**1,210**	**17,900**
	05/26/04	176	**7,500**	**961**	**20,260**
	11/11/04	220	**9,390**	**1,040**	**15,200**
	05/25/05	201	**4,220**	**1,290**	**15,900**
	12/07/05	194	**5,950**	**1,100**	**12,700**
	06/27/06	194	**6,890**	**1,280**	**20,900**
Duplicate	06/27/06	197	**6,960**	**1,300**	**19,600**
	12/06/06	320	**6,150**	**970**	**11,700**
	06/06/07	210	**5,800**	**2,300**	**16,000**
	12/03/07	210	**5,900**	**1,700**	**13,000**
	06/25/08	228	**7,290**	**1,390**	**16,900**
	11/24/08	222	**6,500**	**1,270**	**14,100**
	03/24/09	225	**6,460**	**1,260**	**13,400**
	10/12/09	239	**5,780**	**1,130**	**18,200**

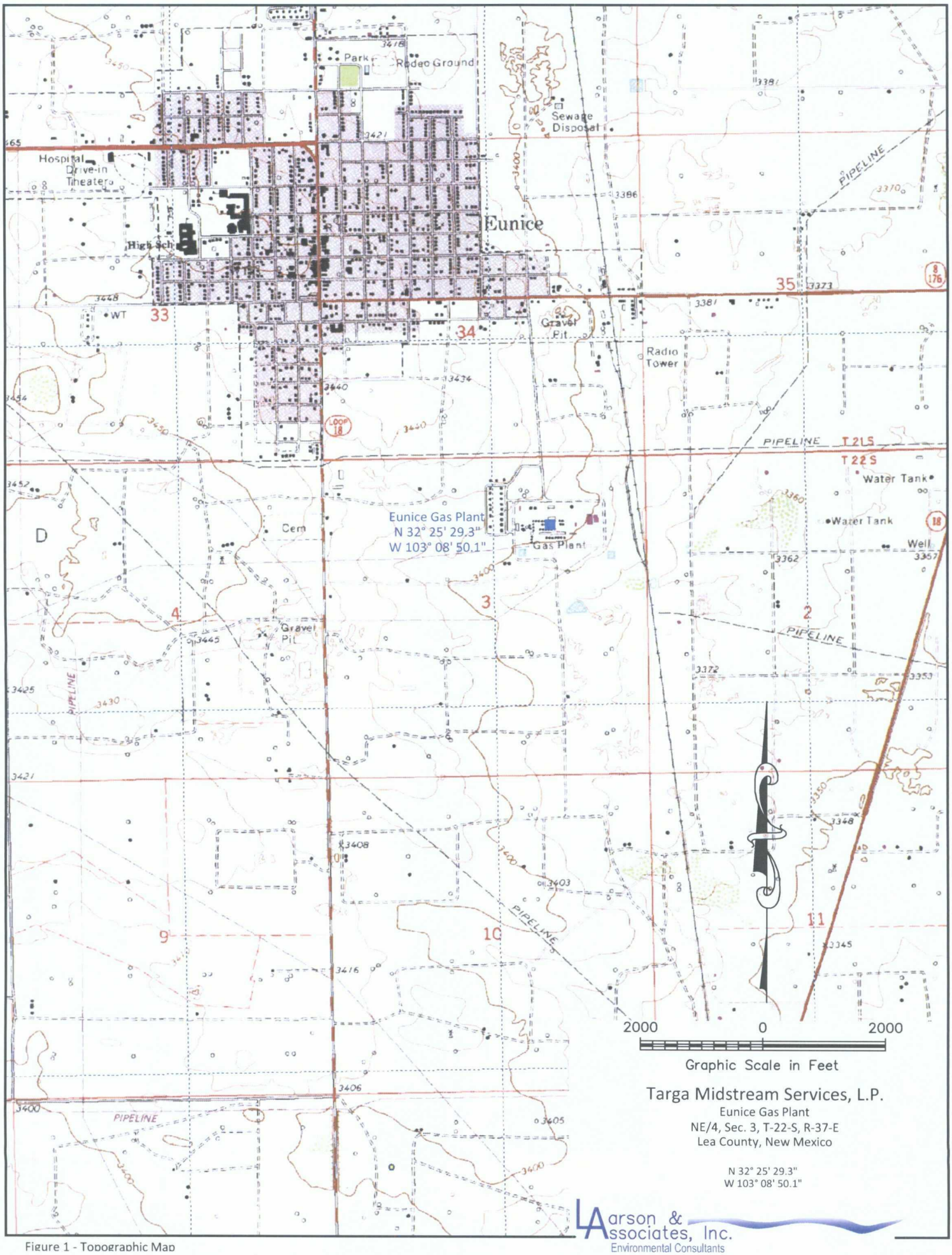
Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	250	600	1,000
MW-14	06/16/03	268	**25,000**	**750**	**44,700**
	11/12/03	358	**25,900**	**759**	**47,200**
	05/24/04	354	**12,300**	519	**47,100**
	11/10/04	384	**25,500**	**844**	**43,600**
	05/25/05	484	**57,600**	**2,680**	**91,400**
	12/07/05	444	**22,800**	**1,250**	**40,000**
Duplicate	12/07/05	472	**25,800**	**1,140.0**	**43,300**
	06/27/06	442	**13,700**	**1,190**	**23,700**
	12/06/06	550	**8,770**	311	**14,000**
	06/07/07	440	**31,000**	**3,200**	**56,000**
	12/03/07	490	**42,000**	**3,100**	**75,000**
Duplicate	12/03/07	490	**43,000**	**3,200**	**75,000**
	06/26/08	492	**43,400**	**1,430**	**77,300**
Duplicate	06/26/08	486	**45,900**	**1,400**	**77,700**
	11/25/08	518	**44,600**	**1,160**	**77,000**
	03/24/09	534	**45,500**	**1,270**	**81,400**
	10/13/09	542	**50,100**	**1,370**	**83,900**
MW-15	06/16/03	364	**1,600**	**612**	**2,310**
	11/11/03	492	**1,120**	568	**3,470**
	05/24/04	486	**924**	535	**3,050**
	11/10/04	488	**1,240**	**638**	**2,750**
	05/25/05	206	**782**	482	**2,720**
	12/07/05	512	**746**	381	**2,430**
	12/08/06	440	**834**	539	**2,600**
Duplicate	12/08/06	520	**769**	465	**2,340**
	06/07/07	390	**1,100**	**720**	**3,800**
	12/04/07	440	**940**	**710**	**3,800**
	06/26/08	491	**882**	**791**	**3,140**
	11/25/08	440	**1,090**	**742**	**3,840**
	03/24/09	477	**1,130**	**794**	**3,400**
	10/13/09	542	**862**	**679**	**2,930**
MW-16	06/13/03	432	**585**	184	**1,730**
	11/12/03	477	**585**	154	**1,940**
	05/24/04	584	**438**	95.7	**1,610**
	11/11/04	570	**461**	108	**1,500**
	05/25/05	420	**708**	165	**1,910**
	12/07/05	502	**420**	67.6	**1,750**
	12/12/06	590	**863**	83.3	**1,820**
Duplicate	12/12/06	530	**997**	114.0	**2,290**
	06/07/07	430	**790**	160	**2,100**
Duplicate	06/07/07	410	**790**	160	**2,100**
	12/04/07	570	**500**	170	**1,800**
	06/26/08	633	**373**	131	**1,520**
	11/25/08	608	**485**	132	**1,760**
	03/24/09	609	**570**	178	**1,830**
	10/13/09	564	**516**	243	**1,710**

Table 4
Water Quality Parameters
Targa Midstream Services, LP - Eunice Middle Gas Plant
Eunice, Lea County, New Mexico

Well ID	Date	Alkalinity	Chloride	Sulfate	TDS
WQCC Standard		--	250	600	1,000
MW-18	01/19/06	414	**2,430**	350	**5,610**
	06/28/06	434	**3,100**	453	**6,710**
	12/08/06	490	**2,910**	300	**5,750**
	06/07/07	420	**3,700**	**610**	**7,700**
	12/04/07	450	**4,600**	**670**	**9,600**
	06/25/08	434	**5,710**	461	**11,600**
	11/25/08	433	**5,670**	447	**11,300**
	03/24/09	220	**5,750**	511	**11,600**
	10/13/09	440	**6,090**	476	**11,100**
MW-19	12/07/05	264	**2,730**	552	**5,900**
	06/28/06	267	**3,760**	**638**	**7,880**
Duplicate	06/28/06	272	**3,780**	**638**	**7,580**
	12/08/06	390	**4,510**	593	**7,100**
	06/06/07	260	**4,900**	**1,700**	**12,000**
	12/04/07	280	**5,300**	**1,200**	**13,000**
	06/25/08	265	**7,130**	**732**	**14,300**
	11/25/08	252	**7,930**	**746**	**17,000**
	03/24/09	262	**8,750**	**776**	**16,000**
	10/13/09	257	**10,200**	**778**	**18,900**
MW-20	12/07/05	644	**3,110**	460	**6,860**
	06/28/06	560	**2,960**	**684**	**6,010**
	12/08/06	580	**2,110**	564	**4,820**
Duplicate	12/08/06	600	**2,020**	547	**4,720**
	06/06/07	530	**2,100**	**910**	**6,200**
	12/04/07	690	**2,300**	**740**	**5,800**
	06/25/08	570	**2,270**	**733**	**5,440**
	11/25/08	569	**2,380**	**686**	**5,480**
	03/24/09	591	**2,790**	**706**	**6,260**
	10/13/09	576	**3,010**	**749**	**6,260**
MW-21	03/24/09	722	**5,000**	350	**9,200**
	10/13/09	699	**4,920**	319	**8,680**
MW-UN-01	11/24/08	571	**965**	41.3	**2,250**
	03/23/09	624	**937**	32.5	**2,380**
	10/13/09	725	**1,070**	25.1	**2,480**
MW-UN-02	11/24/08	850	**377**	64.2	**1,630**
	03/23/09	990	**564**	49.1	**2,110**
	10/13/09	822	**346**	46.3	**1,460**

Notes:
All results reported in milligrams per liter (mg/L)
"<" Indicates the reported concentration is below the method detection limit (MDL).
"--" Indicates the chemical was not analyzed.
Blue indicated the chemical exceeds the Water Quality Control Commission (WQCC) standard.



Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

Figure 1 - Topographic Map

JWW

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
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FIGURE 2 - Facility Drawing

JWW

EUNICE GAS PLANT

MW-8 3369.85
3370.1 MW-9
3370.01 MW-10
3367.78 MW-11
3368.29 MW-12
Valve NNG 192-B
3368.77 MW-1
3367.78 MW-7
N/S MW-2
3364.36 MW-3
3364.92 MW-6
3364.03 MW-16
3366.46 MW-5
MW-UN-2
3364.97 MW-4
3359.91 MW-13
N/S MW-17
3358.91 MW-15
3354.07 MW-21
3356.68 MW-14
3345.99 MW-18
3351.76 MW-20
P&A Well Paddock Unit-27
3349 MW-19
MW-UN-1

Engine Room
Engine Room
Excavation
Closed Pit
Five Drums On Ground
Pipeline
Land Farm
P&A Well Mark LPG #2
P&A Well Mark LPC #1
SWD-1
Small Flare
Flare Pipe
Flare
Old Flare Pipe
PERIMETER FENCE
Proposed Well

3370
3368
3366
3364
3362
3360
3358
3356
3354
3352
3350
3348
3346

LEGEND

- 3371.36 MW-03 - Monitoring Well Location and Groundwater Potentiometric Surface Elevation, Feet AMSL, March 23, 2009
- 3352 - Contour of Groundwater Potentiometric Surface Elevation, Feet AMSL, March 23, 2009
- Fence
- N/S - Not Sampled
- Cross Section Line
- Groundwater Flow Direction

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350
Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
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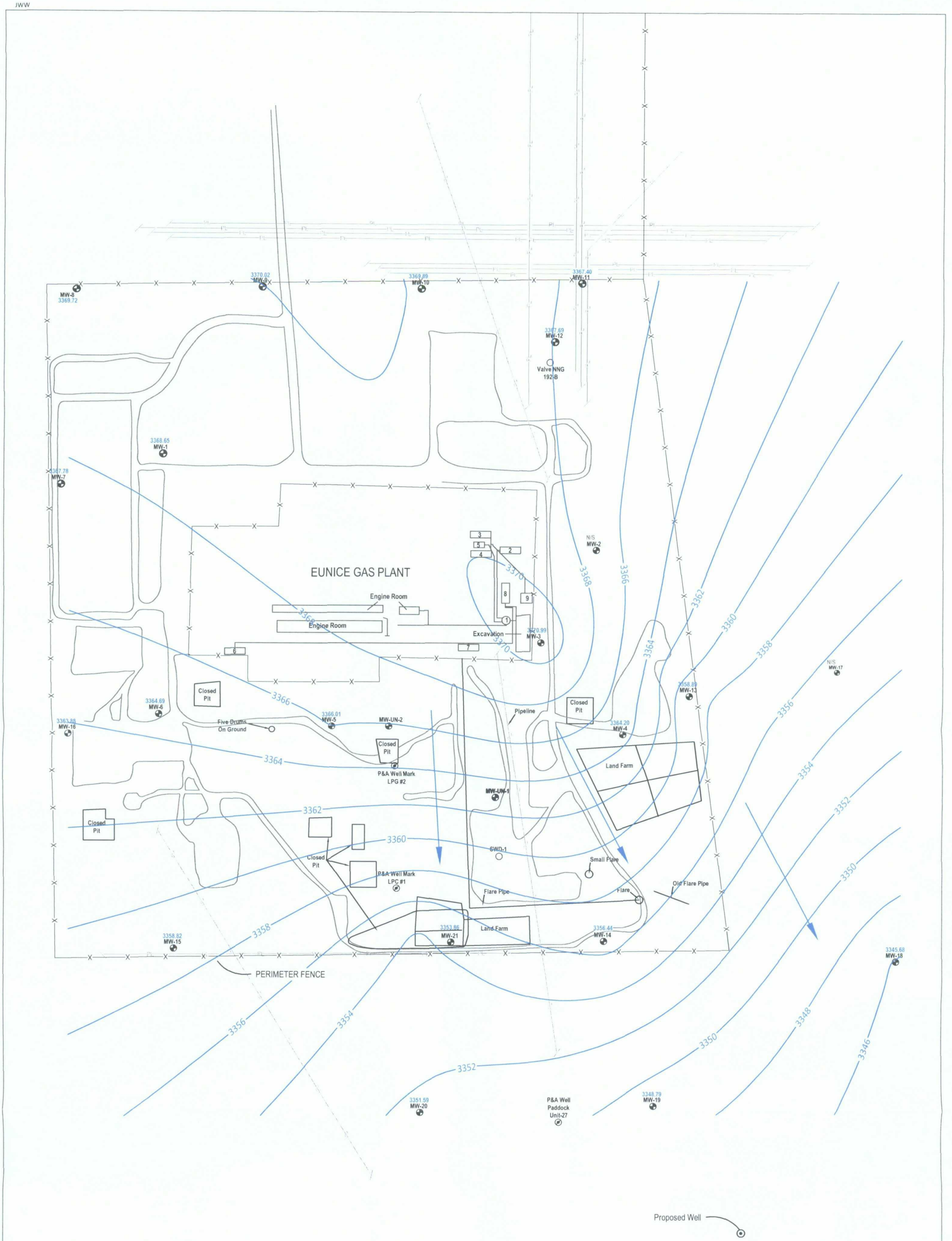
Figure 3a - Groundwater Potentiometric Map, March 23, 2009



LEGEND

- 3370.99 MW-03 - Monitoring Well Location and Groundwater Potentiometric Surface Elevation, Feet AMSL, October 12, 2009
- 3352 - Contour of Groundwater Potentiometric Surface Elevation, Feet AMSL, October 12, 2009
- Fence
- N/S - Not Sampled
- Groundwater Flow

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350
Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
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Figure 3b - Groundwater Potentiometric Map, October 12, 2009

JWW

EUNICE GAS PLANT

MW-8
MW-9
MW-10
0.0356 MW-11
MW-12
Valve NNG 192-B
MW-1
MW-7
MW-2
N/S MW-2
MW-3
0.159 MW-03
MW-17
N/S MW-17
0.00487 MW-13
MW-4
MW-5
0.000876 MW-5
MW-UN-2
0.00166 MW-UN-2
MW-6
0.393 MW-6
MW-16
0.00142 MW-16
MW-UN-1
0.0147 MW-UN-1
MW-15
0.00333 MW-15
MW-21
0.00937 MW-21
MW-14
0.345 MW-14
MW-18
MW-20
0.00105 MW-20
MW-19
0.0135 MW-19

Engine Room
Engine Room
Excavation
Closed Pit
Five Drums On Ground
Closed Pit
P&A Well Mark LPG #2
Closed Pit
Closed Pit
Pipeline
Land Farm
SWD-1
Small Flare
Flare
Old Flare Pipe
Flare Pipe
Land Farm
P&A Well Mark LPC #1
PERIMETER FENCE
P&A Well Paddock Unit-27

0.005
0.025
0.05
0.1
0.2
0.15
0.3
0.4
0.5

Proposed Well

LEGEND

- 0.159 MW-03 - Monitoring Well Location And Benzene Concentration in Groundwater Monitoring Well Location, mg/L, March 23, 2009
- 0.02 - Contour of Benzene Concentration in Groundwater, mg/L, March 23, 2009
- Fence
- N/S - Not Sampled
- WQCC Human Health Standard: 0.01 mg/L

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350
Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
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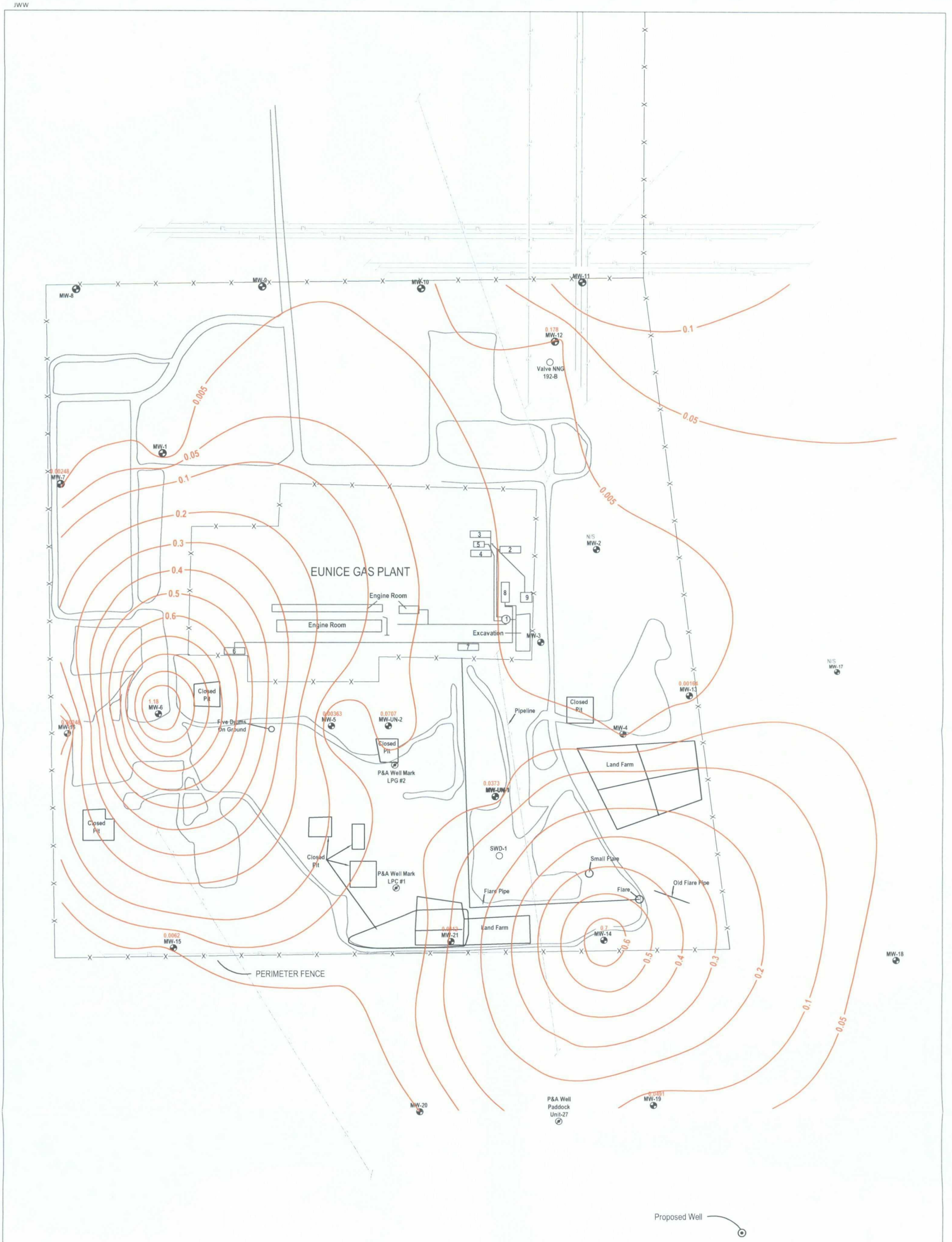
Figure 4a - Benzene Distribution In Groundwater, March 23, 2009

JWW



LEGEND

- 1.18 MW-06 - Monitoring Well Location And Benzene Concentration in Groundwater Monitoring Well Location, mg/L, October 12, 2009
- 0.02 - Contour of Benzene Concentration in Groundwater, mg/L, October 12, 2009
- x—x - Fence
- N/S - Not Sampled
- WQCC Human Health Standard: 0.01 mg/L

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350
Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

Figure 4b - Benzene Distribution In Groundwater, October 12, 2009

JWW

MW-8
662

58.7
MW-9

509
MW-10

41.2
MW-11

2020
MW-12

Valve NNG
192-B

836
MW-1

285
MW-7

250

500

1000

2000

4000

6000

8000

10000

15000

20000

25000

30000

35000

N/S
MW-2

EUNICE GAS PLANT

Engine Room

Engine Room

Excavation

2950
MW-3

N/S
MW-17

6460
MW-13

322
MW-6

570
MW-16

150
MW-5

564
MW-UN-2

517
MW-4

Closed Pit

Pipe Drums On Ground

Pipeline

Land Farm

P&A Well Mark LPG #2

937
MW-UN-1

SWD-1

Small Flare

Old Flare Pipe

Flare

Flare Pipe

Closed Pit

P&A Well Mark LPC #1

5000
MW-21

45500
MW-14

Land Farm

1130
MW-15

5750
MW-18

PERIMETER FENCE

2790
MW-20

P&A Well Paddock Unit-27

8750
MW-19

Proposed Well

LEGEND

322 MW-06 - Monitoring Well Location And Chloride Concentration in Groundwater Monitoring Well Location, mg/L, March 23, 2009

3475 - Contour of Chloride Concentration in Groundwater, mg/L, March 23, 2009

\-x-x- - Fence

N/S - Not Sampled

WQCC Domestic Water Quality Standard: 250 mg/L

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350

Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

Figure 5a - Chloride Distribution In Groundwater, March 23, 2009

JWW

EUNICE GAS PLANT

MW-8 471
57 MW-9
469 MW-10
37.6 MW-11
723 MW-12
Valve NNG 192-B
692 MW-1
210 MW-7
N/S MW-2
Engine Room
Engine Room
Excavation
MW-3
Closed Pit
265 MW-6
516 MW-16
Five Drums On Ground
149 MW-5
346 MW-UN-2
Closed Pit
P&A Well Mark LPG #2
1070 MW-UN-1
Pipeline
Closed Pit
5788 MW-13
916 MW-4
Land Farm
Closed Pit
Closed Pit
P&A Well Mark LPC #1
SWD-1
Small Flare
Old Flare Pipe
Flare Pipe
35000 Flare
Land Farm
4920 MW-21
50180 MW-14
862 MW-15
PERIMETER FENCE
N/S MW-17
6090 MW-18
3010 MW-20
P&A Well Paddock Unit-27
10200 MW-19
Proposed Well

250
500
1000
5000
10000
15000
20000
30000
35000
40000

LEGEND

- Monitoring Well Location And Chloride Concentration in Groundwater Monitoring Well Location, mg/L, October 12, 2009
- Contour of Chloride Concentration in Groundwater, mg/L, October 12, 2009
- Fence
- Not Sampled

WQCC Domestic Water Quality Standard: 250 mg/L

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350
Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

Figure 5b - Chloride Distribution In Groundwater, October 12, 2009

JWW

EUNICE GAS PLANT

MW-8 1730
652 MW-9
1520 MW-10
508 MW-11
5120 MW-12
Valve NNG 192-B
2590 MW-1
1500 MW-7
N/S MW-2
230 MW-3
1520 MW-6
1620 MW-5
2110 MW-UN-2
1830 MW-16
2340 MW-UN-1
4320 MW-4
13400 MW-13
N/S MW-17
9980 MW-21
81400 MW-14
3400 MW-15
11600 MW-18
6260 MW-20
16000 MW-19

2000
3000
4000
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
55000

Engine Room
Engine Room
Excavation
Closed Pit
Five Drums On Ground
Closed Pit
P&A Well Mark LPG #2
Closed Pit
Closed Pit
P&A Well Mark LPC #1
Pipeline
Land Farm
SWD-1
Small Flare
Old Flare Pipe
Flare
Flare Pipe
Land Farm
PERIMETER FENCE
P&A Well Paddock Unit-27
Proposed Well

1 2 3 4 5 6 7 8 9

LEGEND

5230 MW-06 - Monitoring Well Location And TDS Concentration in Groundwater Monitoring Well Location, mg/L, March 23, 2009

3000 - Contour of TDS Concentration in Groundwater, mg/L, March 23, 2009

- Fence

N/S - Not Sampled

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350
Graphic Scale in Feet

Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

Figure 6a - Total Dissolved Solids In Groundwater, March 23, 2009

JWW

EUNICE GAS PLANT

Engine Room

Engine Room

Excavation

Closed Pit

Five Drums On Ground

Closed Pit

P&A Well Mark LPG #2

Closed Pit

Closed Pit

Closed Pit

P&A Well Mark LPC #1

Pipeline

Land Farm

Land Farm

SWD-1

Small Flare

Flare Pipe

Flare

Old Flare Pipe

PERIMETER FENCE

MW-8 1440

653 MW-9

1690 MW-10

523 MW-11

6560 MW-12

Valve NNG 192-B

2470 MW-1

1360 MW-7

N/S MW-2

MW-3

1310 MW-6

1710 MW-16

1420 MW-5

1460 MW-UN-2

2480 MW-UN-1

3900 MW-4

8200 MW-13

N/S MW-17

3680 MW-21

83900 MW-14

2930 MW-15

11100 MW-18

6260 MW-20

18900 MW-19

P&A Well Paddock Unit-27

1000 2500 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000 83900

Proposed Well

LEGEND

1310 MW-06 - Monitoring Well Location And TDS Concentration in Groundwater Monitoring Well Location, mg/L, October 12, 2009

3000 - Contour of TDS Concentration in Groundwater, mg/L, October 12, 2009

x—x - Fence

N/S - Not Sampled

1 - Closed Drain Scrubber
2 - XTO Scrubber
3 - VRU Sales Tank North
4 - VRU Sales Tank South
5 - 3 Phase Separator
6 - West Inlet Scrubber
7 - East Inlet Scrubber
8 - New Condensate Tanks / Gun BBL / Sump
9 - Lact For Sales

350 0 350

Graphic Scale in Feet

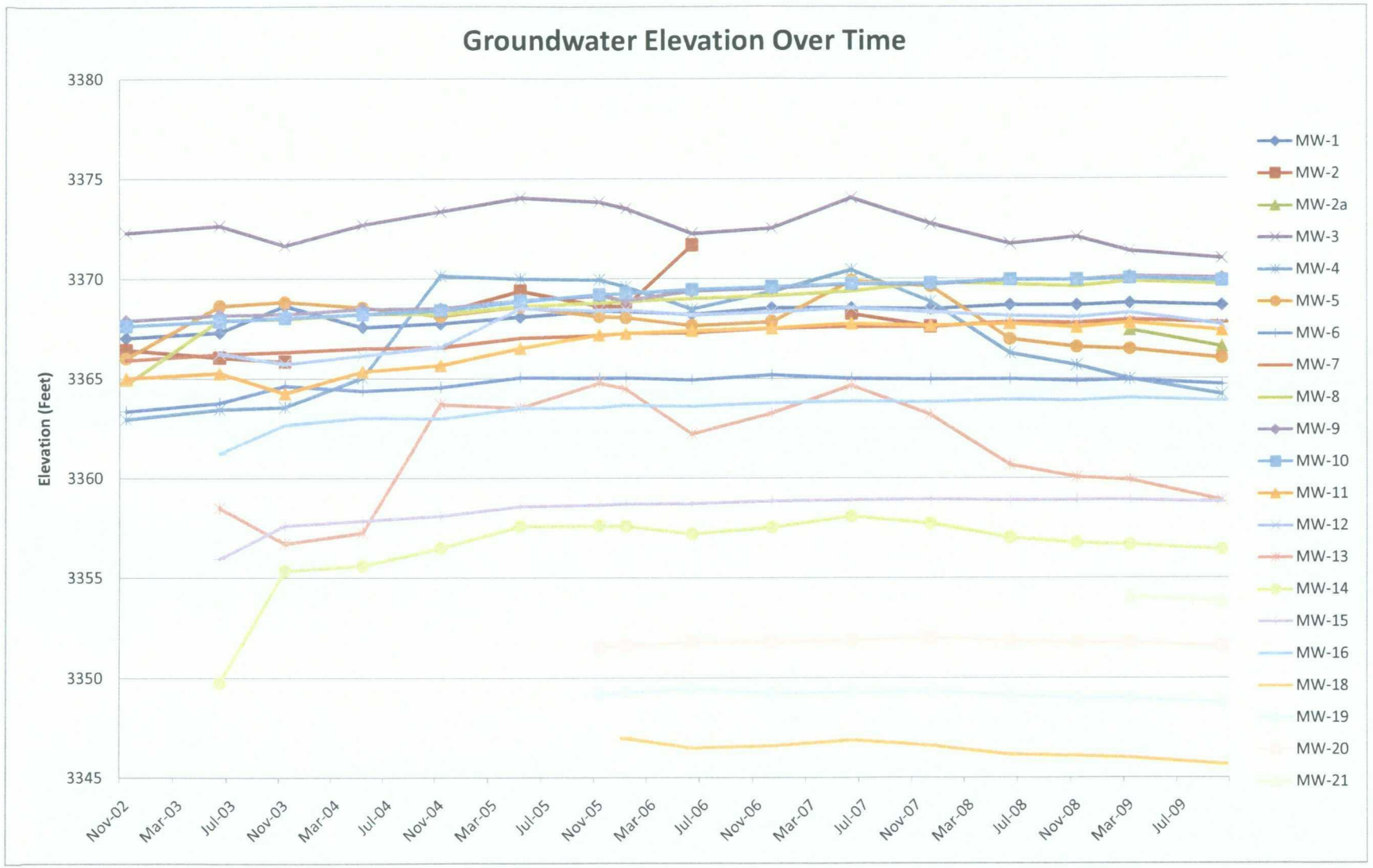
Targa Midstream Services, L.P.
Eunice Gas Plant
NE/4, Sec. 3, T-22-S, R-37-E
Lea County, New Mexico

N 32° 25' 29.3"
W 103° 08' 50.1"

Larson & Associates, Inc.
Environmental Consultants

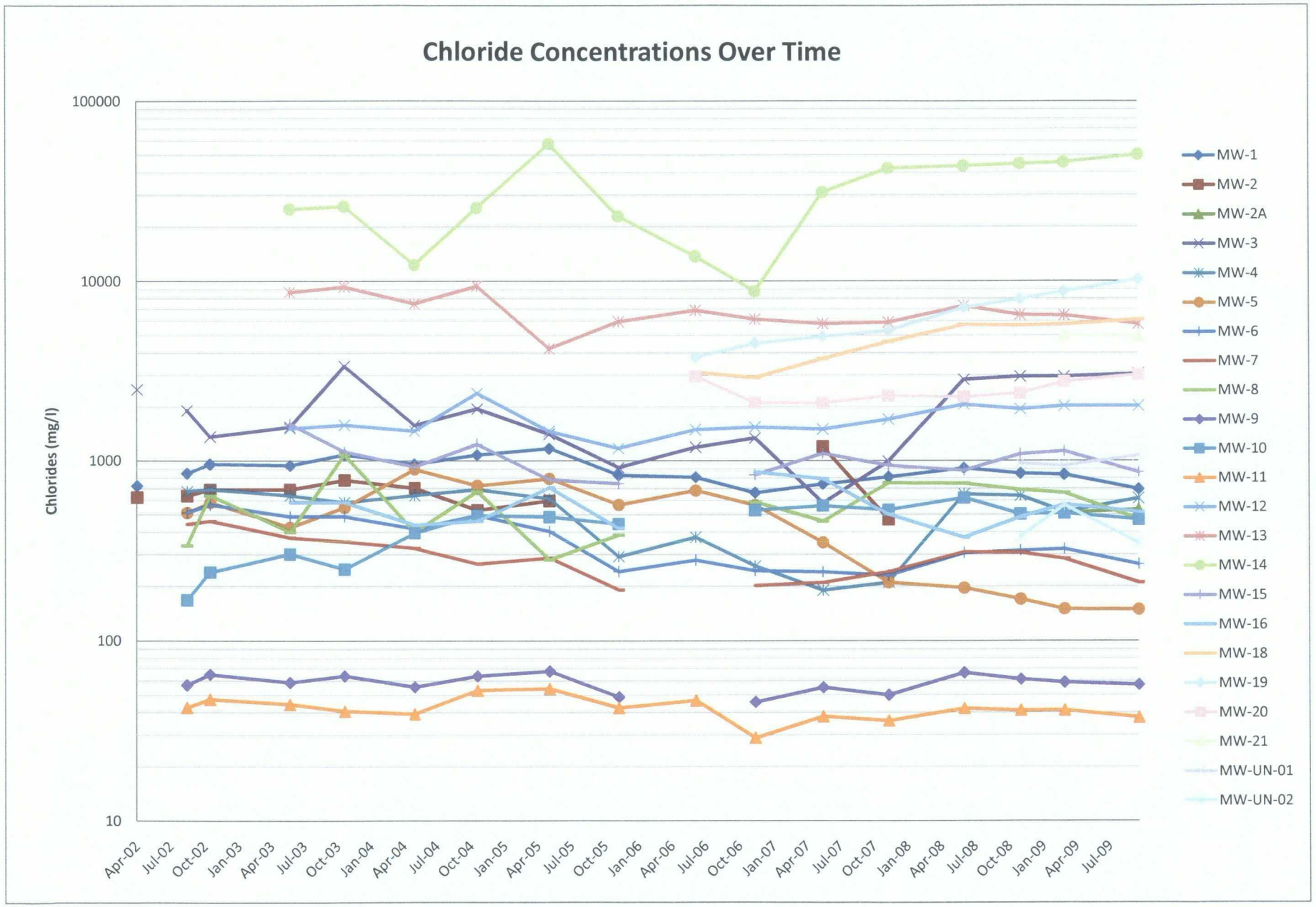
Figure 6b - Total Dissolved Solids In Groundwater, October 12, 2009

TARGA Eunice Gas Plant

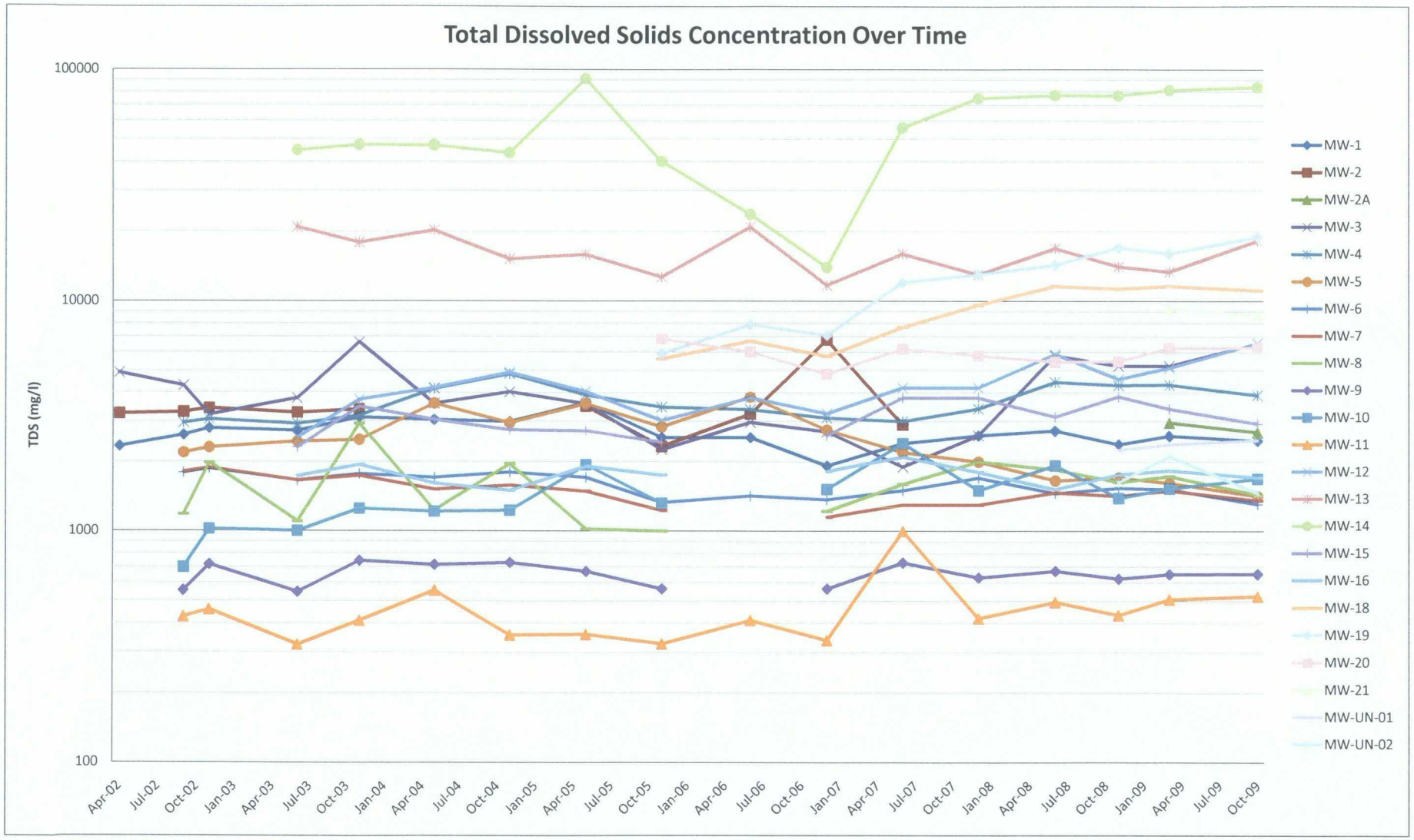


TARGA Eunice Gas Plant

TARGA Eunice Gas Plant



TARGA Eunice Gas Plant



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Targa Midstream Services L P	Contact: James Lingnau 505.394.2534, Chuck Tolsma 505.631.6026
Address: PO Box 1909 Eunice, NM 88231	Telephone No. (505) 394-2534
Facility Name: Eunice Gas Plant	Facility Type

Surface Owner: TARGA RESOURCES	Mineral Owner:	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	3	21S	37E					Lea

Latitude 32.25.16.9N **Longitude** 103..08.47.8W

NATURE OF RELEASE

Type of Release: Gas and Produced Liquids	Volume of Release: Approximately 20 barrels of liquid	Volume Recovered: Recovered approximately 20 barrels of liquid.
Source of Release: Dresser Sleeve separated on dump line from Separator in plant condensate handling area.	Date and Hour of Occurrence: 12 Midnight 7/29/2008	Date and Hour of Discovery 12 Midnight 7/29/2008
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Larry Johnson OCD in Hobbs by phone	
By Whom? Don Embrey	Date and Hour 11:30 AM 7/29/2008	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken. *
Pig pushed maximum amount of liquid into separator and caused overpressure of dump line and dresser sleeve on line separated. Liquid was contained in containment around separator and clean up excavation. Drip truck was called out and liquid recovered. Line was shut in and dresser sleeve repaired.

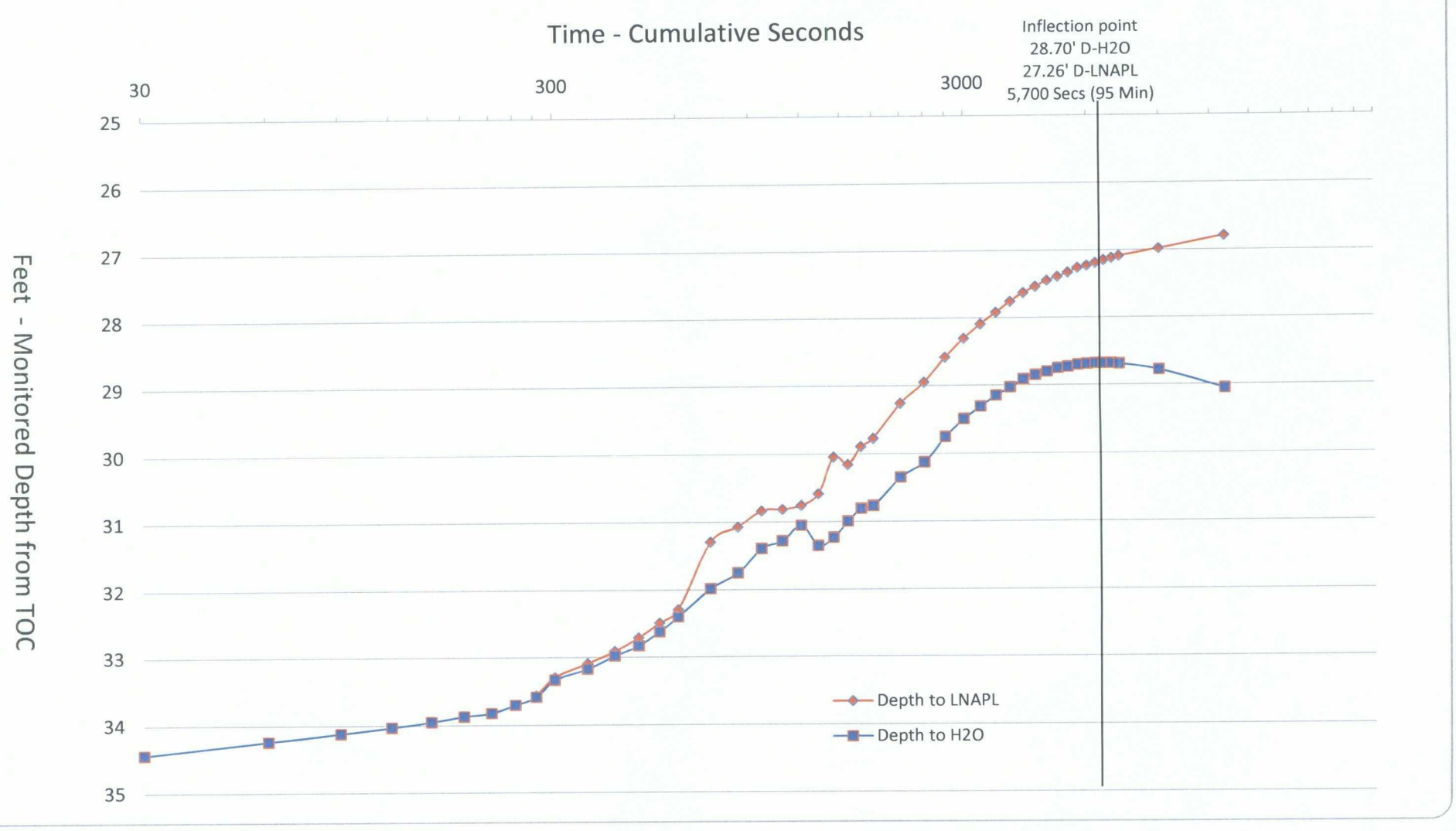
Describe Area Affected and Cleanup Action Taken.*
The liquid was contained in containment and clean up excavation. Track hoe brought in to remove contaminated soil in bottom of excavation. The contaminated soil will be taken to an OCD approved landfarm. The area will be sampled to insure cleanup to meet OCD guidelines.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: Don Embrey	OIL CONSERVATION DIVISION	
Printed Name: Don Embrey	Approved by District Supervisor:	
Title: Advisor	Approval Date:	Expiration Date:
E-mail Address: dembrey@targaresources.com	Conditions of Approval:	Attached ☐
Date: July 29, 2008 Phone: (432) 688-0546		

* Attach Additional Sheets If Necessary

MW-03 LNAPL Recovery Test
October 21, 2009



Obs. No.	Time Sec	Depth to LNAPL	Depth to H_2O
1	30		34.44
2	60		34.24
3	90		34.12
4	120		34.03
5	150		33.95
6	180		33.87
7	210		33.82
8	240		33.70
9	270	33.56	33.58
10	300	33.29	33.33
11	360	33.09	33.17
12	420	32.91	32.98
13	480	32.71	32.83
14	540	32.49	32.62
15	600	32.29	32.40
16	720	31.29	31.98
17	840	31.07	31.75
18	960	30.83	31.39
19	1080	30.81	31.28
20	1200	30.75	31.05
21	1320	30.58	31.35
22	1440	30.04	31.23
23	1560	30.15	30.99
24	1680	29.89	30.80
25	1800	29.77	30.76
26	2100	29.26	30.34
27	2400	28.95	30.12
28	2700	28.58	29.75
29	3000	28.30	29.49
30	3300	28.09	29.31
31	3600	27.92	29.15
32	3900	27.76	29.03
33	4200	27.63	28.91
34	4500	27.54	28.85
35	4800	27.45	28.80
36	5100	27.39	28.75
37	5400	27.33	28.73
38	5700	27.26	28.70
39	6000	27.23	28.69
40	6300	27.19	28.68
41	6600	27.15	28.68
42	6900	27.12	28.68
43	7200	27.09	28.69
44	9000	26.98	28.78
45	13020	26.79	29.06

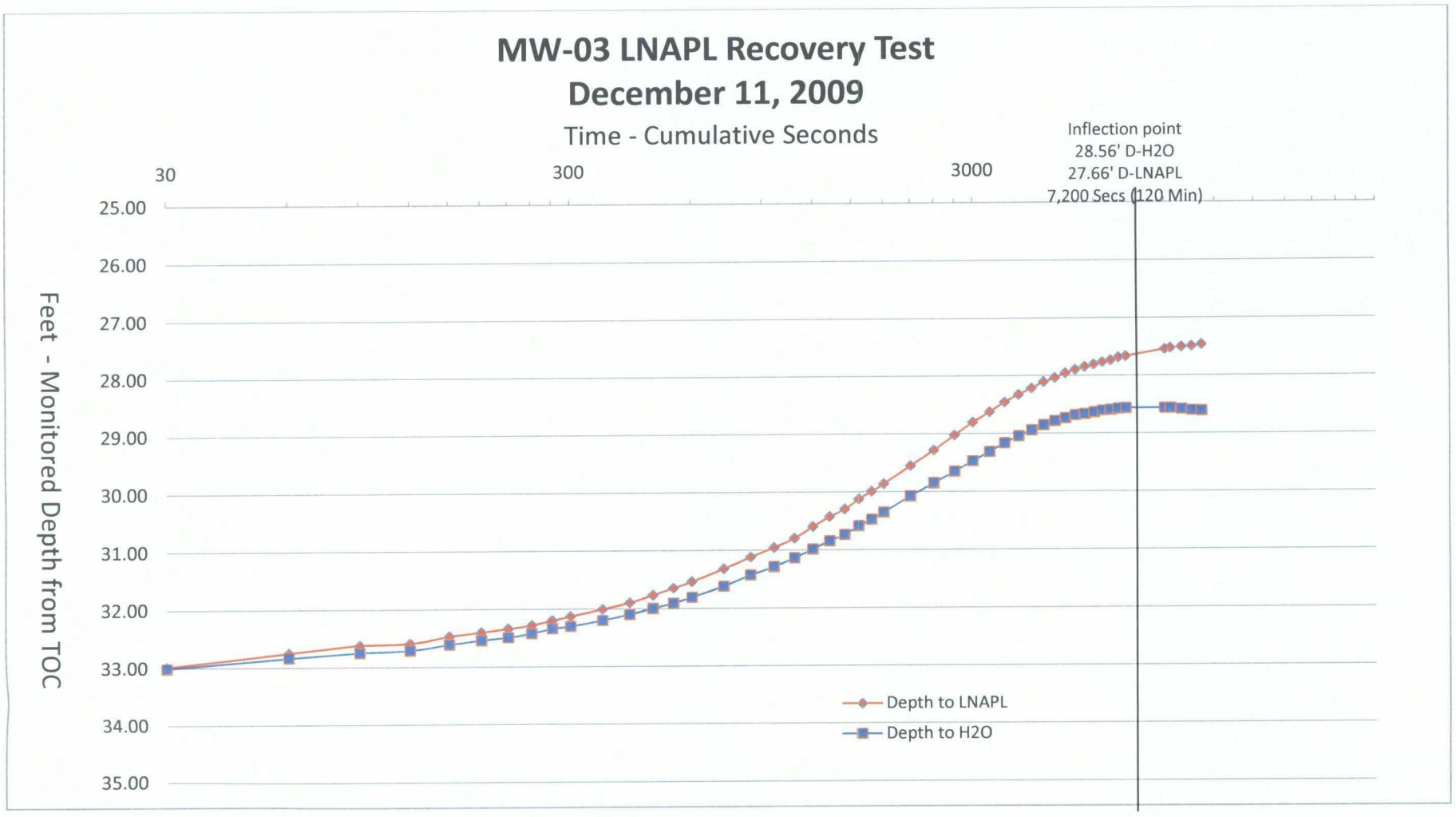
Static D-LNAPL	**Static D-H2O**	**Corrected D-GW**
26.22	31.28	27.64

Specific Gravity Estimated at 0.72 g/cm^3

Charting and calculation based upon *Determination of a Realistic Estimate of Formation Product Thickness Using Monitor Wells: A Field Bailout Test* by Thomas S. Gruszczenski (1987, NGWA)

Step Number

	5700 sec
5 – Inflection Point	
6 – S.G. corrected	27.64
7 – Measured Product Thickness	5.06
8 – Inflection Product Thickness	**1.44**
9 – Capillary Fringe Height	**3.62**



Obs. No.	Time Sec	Time Min	Depth to LNAPL	Depth to H_2O
1	30	0.5	32.98	33.01
2	60	1	32.74	32.83
3	90	1.5	32.61	32.74
4	120	2	32.58	32.70
5	150	2.5	32.46	32.60
6	180	3	32.39	32.53
7	210	3.5	32.33	32.48
8	240	4	32.27	32.41
9	270	4.5	32.19	32.33
10	300	5	32.12	32.29
11	360	6	32.00	32.19
12	420	7	31.89	32.09
13	480	8	31.76	31.99
14	540	9	31.64	31.90
15	600	10	31.53	31.80
16	720	12	31.31	31.61
17	840	14	31.11	31.42
18	960	16	30.95	31.28
19	1080	18	30.79	31.13
20	1200	20	30.59	30.98
21	1320	22	30.42	30.84
22	1440	24	30.29	30.73
23	1560	26	30.12	30.58
24	1680	28	29.99	30.47
25	1800	30	29.86	30.35
26	2100	35	29.55	30.07
27	2400	40	29.28	29.85
28	2700	45	29.02	29.65
29	3000	50	28.80	29.47
30	3300	55	28.62	29.31
31	3600	60	28.45	29.16
32	3900	65	28.32	29.04
33	4200	70	28.21	28.94
34	4500	75	28.10	28.85
35	4800	80	28.03	28.78
36	5100	85	27.95	28.73
37	5400	90	27.89	28.68
38	5700	95	27.84	28.66
39	6000	100	27.80	28.63
40	6300	105	27.76	28.60
41	6600	110	27.73	28.59
42	6900	115	27.68	28.57
43	7200	120	27.66	28.56
44	9000	150	27.54	28.56
45	9300	155	27.52	28.56
46	9900	165	27.50	28.58
47	10500	175	27.49	28.60
48	11100	185	27.46	28.61

Static D-LNAPL	**Static D-H2O**	**Corrected D-GW**
26.75	31.05	27.95

Specific Gravity Estimated at 0.72 g/cm^3

Charting and calculation based upon *Determination of a Realistic Estimate of Formation Product Thickness Using Monitor Wells: A Field Bailout Test* by Thomas S. Gruszczenski (1987, NGWA)

Step Number	
5 – Inflection Point	7,200 sec
6 – S.G. corrected	27.95
7 – Measured Product Thickness	4.3
8 – Inflection Product Thickness	**0.90**
9 – Capillary Fringe Height	**3.40**