TARGA

811 Louisiana, Suite 2100
Houston, TX 77002
713.584.1000
www.targaresources.com

December 11, 2023

REVIEWED
By Mike Buchanan at 10:54 am, Apr 22, 2024

Mr. Mike Bratcher
State of New Mexico Energy Minerals and Natural Resources Department
Oil Conservation Division (OCD) - District IV
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

SUBJECT: Transmittal of 2023 Annual Groundwater Monitoring Report
Targa Midstream Services LLC
Eunice Gas Plant, Eunice, Lea County, New Mexico

Dear Mr. Bratcher:

Targa Midstream Services LLC (Targa) is submitting the enclosed 2023 Annual Groundwater Monitoring Report for the Eunice Gas Plant in Lea County, New Mexico.

Please do not hesitate to contact me at (713) 584-1396 or chigginbotham@targaresources.com if you have any questions regarding this submittal.

Sincerely,

Christina M. Higginbotham, P.G. (Texas)
Environmental Supervisor

Enclosures

Review of the 2023 Annual Groundwater Monitoring Report for Targa Midstream Services, LLC: Content Satisfactory
1. Continue to conduct groundwater monitoring event in the third quarter of 2024, as prescribed.
2. Continue assessment and investigation of source of the LNAPL plume
3. Propose remediation plan to NMOCD once the source has been identified and submit the stage 2 abatement plan as Targa Midstream has planned.
4. Continue to submit annual groundwater reports by April 1 of each calendar year.

2023 ANNUAL GROUNDWATER MONITORING REPORT

Targa Midstream Services LLC
Eunice Gas Plant
25 Middle Plant Lane
Eunice, New Mexico

Submitted to:

Targa Resources
811 Louisiana Street
Suite 2100
Houston, TX 77002

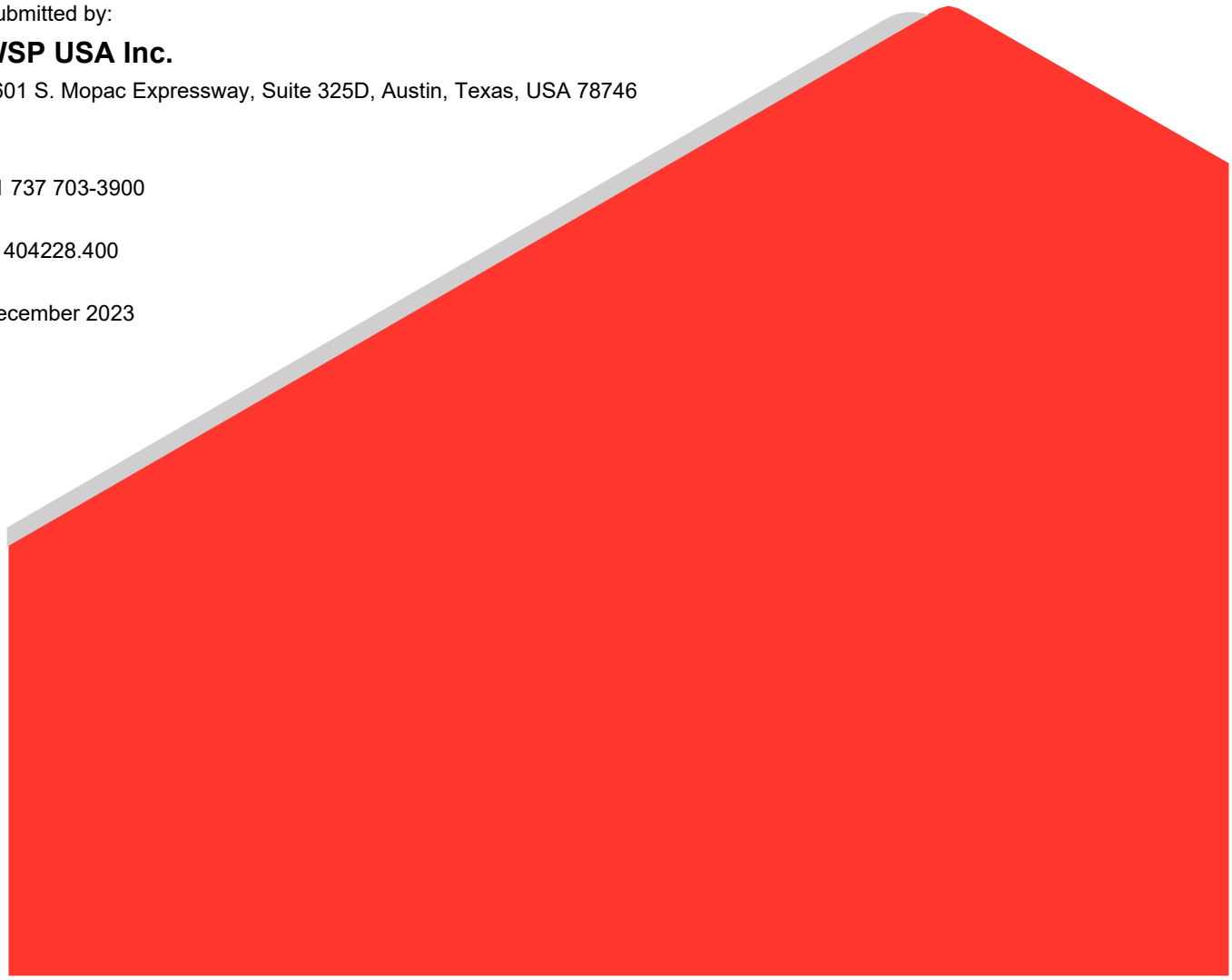
Submitted by:

WSP USA Inc.
1601 S. Mopac Expressway, Suite 325D, Austin, Texas, USA 78746

+1 737 703-3900

31404228.400

December 2023



Distribution List

Mr. Mike Bratcher, NMOCD

Ms. Christina Higginbotham, Targa

Ms. Cindy Klein, Targa

Ms. Sylwia Reynolds, Targa

EXECUTIVE SUMMARY

WSP USA, formerly Golder Associates USA Inc. (Golder), a member of WSP, was retained by Targa Midstream Services LLC (Targa) to conduct annual groundwater monitoring in June 2023 at the Targa Eunice Gas Plant (Facility) located in Eunice, New Mexico. The Eunice Gas Plant is located in Section 3, Township 22 South, Range 37 East, Lea County, New Mexico at geographic coordinates 32° 25' 29.3" N, 103° 08' 50.1" W (Site).

On June 20, 2023, WSP conducted a synoptic gauging event that included measurement of static fluid levels and total depths of the 53 Site monitoring wells. On June 21-22, 2023, groundwater samples were collected using low-flow techniques from monitoring wells MW-1, MW-5, MW-6, MW-8, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, MW-28, MW-30 and MW-31. All samples were analyzed for chloride and samples from MW-6, MW-14, MW-18, MW-19 and MW-23 were additionally analyzed for benzene, toluene, ethylbenzene and total xylenes (BTEX) as agreed to in a February 2018 meeting between Targa and New Mexico Oil Conservation Division (NMOCD).

Light non-aqueous phase liquid (LNAPL) was recorded at a measurable thickness in 18 wells (MW-2A, MW-3, MW-22, MW-27, MW-33 through MW-35, MW-37, MW-38, RW-1, VW-2 through VW-4, HVR-1 and HV-1 through HV-4) this reporting period. Although the average apparent LNAPL thickness measured in wells decreased from 3.28 feet in March 2022 to 1.47 feet in June 2023, LNAPL thickness increased significantly in HV-4 (increased 3.95 feet). While the greatest reduction in LNAPL thickness relative to March 2022 (5.11 feet reduction) was measured at MW-3, the product plume receded at the western extent in response to apparent mounding of groundwater. The significant reduction in product thickness recorded in the western portion of the product plume suggests LNAPL exists under unconfined conditions in this area of the Site.

Based on the June 2023 sitewide synoptic gauging event and groundwater elevations measured in MW-9 and MW-31, groundwater generally flows to the southeast under a mean hydraulic gradient of approximately 0.009 ft./ft. However, mounding in the southeast portion of the Facility contributes to a localized semi-radial groundwater flow configuration. Groundwater flow in the southeast corner of the Facility ranges from toward the east to toward the south and appears to influence the LNAPL plume geometry.

Groundwater data reported in June 2023 were generally consistent (within seasonal variability) with the annual sampling data collected by WSP since 2019. Benzene was detected in MW-18 at 0.0291 milligrams per liter (mg/L), a concentration exceeding the applicable New Mexico Water Quality Control Commission (WQCC) human health standard of 0.010 mg/L. As this well is located distal/downgradient of the LNAPL plume and benzene was only detected at a trace concentration (estimated 0.000507 mg/L) in the duplicate sample collected from MW-23 (located approximately 100 feet southeast and hydraulically downgradient of the leading edge of the product plume), the benzene impact in MW-18, which has been apparent since 2015, does not appear to be sourced from the LNAPL plume and may be associated with an offsite source.

Chloride was detected at concentrations exceeding the WQCC domestic water supply standard of 250 mg/L in all groundwater samples collected in June 2023, except those from MW-5 and MW-28. Monitoring well MW-28 is located approximately 75 feet hydraulically downgradient of the LNAPL plume while MW-5 is located south of the Facility fence line. Chloride was only detected at 395 mg/L in MW-23 located approximately 100 feet downgradient of the LNAPL plume. Elevated chloride concentrations were reported in MW-13 (7,020 mg/L), MW-14 (17,600 mg/L), MW-18 (13,700 mg/L), MW-19 (7,590 mg/L) and MW-30 (10,800 mg/L), wells located distal and downgradient of the Facility. Larson noted in the *2018 Groundwater Monitoring Report* that the highest chloride

concentrations reported in MW-14 and MW-18 were in the vicinity of historic brine storage ponds associated with offsite cavern storage operations.

WSP recommends, and per NMOCD direction of sampling on a progressively subsequent season schedule, the next annual groundwater monitoring event be completed in the third quarter of 2024 along with continued investigation of the LNAPL source.

Table of Contents

1.0 INTRODUCTION 1

1.1 Background 1

1.2 Physical Setting 7

1.2.1 Topography 7

1.2.2 Geology 7

1.2.3 Groundwater 7

2.0 GROUNDWATER MONITORING 8

2.1 Fluid Level Gauging and Potentiometric Surface Elevation 8

2.2 LNAPL Distribution and Condition 8

2.3 Groundwater Sampling 9

2.4 Groundwater Quality 10

2.5 Field Quality Assurance/Quality Control Sample Evaluation 10

3.0 LNAPL SOURCE INVESTIGATION 11

4.0 CONCLUSIONS AND RECOMMENDATIONS 12

5.0 REFERENCES 14

TABLES

Table 1 - Summary of Monitoring Well Completion and Gauging Data

Table 2 - Summary of Apparent LNAPL Thickness in Wells

Table 3 - Summary of Groundwater Analytical Data (BTEX & Chloride)

FIGURES

Figure 1 - Site Location Map

Figure 2 - Site Map

Figure 3 - Groundwater Gradient Map – June 20, 2023

Figure 4 - Apparent LNAPL Thickness Map – June 20, 2023

Figure 5 - Benzene in Groundwater Concentration Map – June 2023

Figure 6 - Chloride in Groundwater Concentration Map – June 2023

APPENDICES

APPENDIX A - Notification of Groundwater Sampling Event

APPENDIX B - Laboratory Analytical Reports

1.0 INTRODUCTION

WSP USA Inc. (WSP), formerly Golder Associates USA Inc. (Golder), a member of WSP, has prepared this report on behalf of Targa Midstream Services LLC (Targa) to document annual groundwater monitoring activities conducted in June 2023 at the Targa Eunice Gas Plant (Facility) located in Eunice, New Mexico.

The Eunice Gas Plant is in Section 3, Township 22 South, Range 37 East, Lea County, New Mexico at geographic coordinates 32° 25' 29.3" N, 103° 08' 50.1" W (Site) as shown in the Site Location Map included as **Figure 1**.

Targa has performed select subsurface investigations on and off Site to date that has included the installation of numerous soil borings and monitoring wells. The investigations along with light non-aqueous phase liquid (LNAPL) fingerprinting and daylighting/exposure of underground piping and appurtenances has not identified a specific source of the condensate plume located in the southeast portion of the Facility.

1.1 Background

The Facility historically operated under New Mexico Oil Conservation Division (NMOCD) Water Quality Control Commission (WQCC) Discharge Permit GW-005. However, this permit was rescinded upon Targa's affirmation that operations at the Facility did not intentionally result in discharge of contaminants to the ground surface, subsurface or to groundwater.

As part of an investigation of alleged discharge of chromium bearing wastewater east of the Facility in 2002, the former operator of the Facility, Dynegy Midstream Services, LP, (acquired by Targa in November 2005), installed twenty-one monitoring wells (MW-1 through MW-21 from April 2002 through November 2005). Further, Chevron USA (Chevron) installed two monitoring wells (MW-UN-1 and MW-UN-2) south of the Facility to assess a release from a drilling pit associated with the Mark #13 well (API 30-025-37385). NMOCD issued an abatement permit (AP-081) for the Chevron release.

In July 2008, Targa decommissioned a tank battery (Shell tanks) located in the southeast corner of the Facility. The Shell tanks included one 500-barrel (bbl) gun barrel tank, two 500-bbl condensate tanks and an oil/water separator. *Former Shell Tanks Excavation Report and Closure Approval Request* prepared by Larson & Associates, Inc. (Larson) dated June 7, 2010, documented excavation (125 feet long, 75 feet wide and 6-8 feet deep) and offsite disposal of approximately 2,028 cubic yards of petroleum impacted soil. Confirmation sampling indicated that total petroleum hydrocarbons (TPH), at concentrations up to 1,652 milligrams per kilogram (mg/kg) (sample East Wall-SS4), remained in place along the eastern extent of the excavation adjacent to monitoring well MW-3 exceeding the cleanup goal of 1,000 mg/kg. Further, TPH was reported at 3,704 mg/kg in a soil sample collected at 18-19.5 feet below ground surface (bgs) and 1,084 mg/kg in a sample collected at 23-24.5 feet bgs from a boring installed in the center of the excavation. Targa replaced the Shell tanks, relocating the tank battery approximately 200 feet north of the original location. The new (current) tank battery includes two 500-bbl condensate tanks and one 500-bbl gun barrel tank (oil/water separation).

On July 29, 2008, while the Shell tank excavation remained open, approximately 20 bbl of condensate was released due to a dresser sleeve failure near the closed drain scrubber (adjacent to the current tank battery). The July 2008 Dresser Sleeve Release was caused by over pressurization of a dump line during pigging operations and resulted in liquid flowing into the Shell tank excavation. Targa reportedly recovered 20-bbl of the condensate released using a vacuum truck.

LNAPL, visually consistent with natural gas condensate, was initially discovered at the Site in monitoring well MW-3 (apparent thickness of 5.15 feet) adjacent to the former Shell tanks located in the southeast portion of the Facility on October 12, 2009. The discovery occurred while conducting routine groundwater monitoring associated with Facility discharge permit GW-005. Targa evaluated the source of the product in MW-3 by collecting a sample from this well and three potential Facility sources (XTO inlet scrubber, closed drain scrubber and condensate from the Shell tanks) in October and November 2009. Samples were analyzed for API gravity, sulfur, and extended hydrocarbons. As the sample collected from the XTO inlet scrubber only contained trace phase separated hydrocarbons (PSH), fingerprint analysis of this sample was not possible. Biomarkers pristane and phytane were reported in the closed drain scrubber sample but not in the samples collected from MW-3 or the Shell tanks. Farnesane, a biomarker, was not detected in the Shell tanks sample but was reported in MW-3 and the closed drain scrubber sample. Based on the fingerprint analysis, it was concluded that the product samples were not from the same source and the closed drain scrubber was not considered the source of the hydrocarbon in MW-3. Short-term pressure testing of underground lines in the vicinity of MW-3 (including the closed drain scrubber, north and south vapor recovery unit (VRU) sales tanks, three-phase separator, west and east inlet scrubbers, new condensate and gun barrel tanks, sump, and lease automatic custody transfer (LACT) for sales lines failed to identify a leak and the source of the product discovered in MW-3.

Targa installed a pneumatic product recovery system in MW-3 and recovered approximately 236 gallons of condensate between November 19, 2009 and July 12, 2010. At the request of NMOCD, Targa installed monitoring well MW-22 upgradient of MW-3 (and MW-23 downgradient of MW-3) on March 8-9, 2010. Upon discovery of LNAPL in MW-22, a pneumatic pump was installed in this well and product recovery initiated on June 6, 2010. Approximately 2,060 gallons of condensate was recovered from MW-22 from July 28, 2010 through November 1, 2010. Monitoring wells MW-24 through MW-26 were subsequently installed upgradient of MW-3 and MW-22 in May 2010 to further delineate the LNAPL plume. Petroleum hydrocarbon impact to the vadose zone was not reported in soil samples collected during drilling of borings in which these wells were installed and LNAPL was not present at a measurable thickness in contact with groundwater.

On October 13, 2010, Targa exposed underground flow lines, fittings, and valves approximately 40 feet west of the current condensate tank battery and 60 feet north of MW-22 and discovered soil saturated with hydrocarbon that was associated with a leaking union on a 2-inch dump line buried approximately 4 feet bgs.

Targa installed three monitoring wells (MW-27 through MW-29) downgradient and cross gradient of MW-3 and MW-22 along with a recovery well (RW-1) and four vent wells (VW-1 through VW-4) near the suspected source of the LNAPL plume in February 2011. Monitoring well MW-29 was installed near the eastern lateral extent of the groundwater bearing unit where the groundwater level was slightly above the Ogallala and underlying shale confining unit contact. A pneumatic recovery pump installed in MW-27 recovered 1,311 gallons of product between March 2011 and March 2012. In July 2011, Larson recovered approximately 58 gallons of product from RW-1 during a pump test.

In 2012, Southwest Geoscience was retained to conduct LNAPL recovery using high vacuum extraction (HVE) techniques. Nine two-inch vacuum extraction wells (HV-1 through HV-9) and a 6-inch vacuum extraction well (HVR-1) were installed. Approximately 2,300 gallons of LNAPL (600 gallons liquid phase and 1,700 gallons vapor phase) was recovered by HVE techniques from wells HV-1, HV-2, HV-5, HV-7, HVR-1, MW-27, VW-1 and VW-4 from September 27, 2012 through November 7, 2012. In comparison, approximately 5,658 gallons of product were recovered by pneumatic skimmer from October 2009 to September 2012.

Monitoring well MW-30 was installed southeast of the Facility in April 2015 to delineate the extent of benzene in groundwater. The well is located on State of New Mexico land administered by the State Land Office. Monitoring well MW-31 was installed southeast of MW-30 to better delineate the downgradient extent of chloride and TDS in groundwater. Targa installed two soil borings on August 4-5, 2015 near the condensate tanks (SB-1) to further evaluate the LNAPL plume and west of MW-2A (SB-2) to assess LNAPL present in MW-2A. No elevated photoionization detector (PID) measurements were recorded in soil samples collected from SB-2 and no LNAPL was observed in contact with groundwater. Because elevated PID measurements were recorded at a depth of 25 feet bgs and 2.13 feet of LNAPL was measured in SB-1, the boring was completed as permanent monitoring well MW-32. Monitoring wells MW-33 through MW-38 were subsequently installed in November 2015 to better define and characterize the LNAPL plume in the southeast portion of the Facility.

As documented in *2016 Groundwater Monitoring Report* prepared by Larson, dated November 20, 2017, bail down tests were conducted on December 7-8, 2016 to measure LNAPL recovery in eight wells (MW-3, MW-22, MW-32, MW-34, MW-37, RW-1, VW-2 and HVR-1). Larson reported the fastest LNAPL recharge rates in MW-22 and RW-1 and suggested that these wells may be proximate to the LNAPL source. Other wells, such as MW-34, exhibited slow recharge despite having similar or greater initial LNAPL thickness. Samples of product collected from wells MW-3, MW-22, MW-34, MW-35, MW-37, VW-2, VW-4, HV-4, HVR-1 and RW-1 and from potential Facility sources (east inlet scrubber, condensate tanks and VRU) were analyzed for select metals (vanadium, nickel and iron) by ASTM International (ASTM) Method D5708 and hydrocarbons by ASTM Method D6730. Analysis indicated that the samples from the VRU and condensate tanks lacked detectable concentrations of heavier range (C15+) hydrocarbons that were reported in the east inlet scrubber. Furthermore, the east inlet scrubber sample had an elevated iron concentration (217 parts per million (ppm)) compared to the condensate tanks (2.30 ppm) or VRU (1.24 ppm) samples. As the samples collected from the wells contained detectable quantities of heavier hydrocarbons and iron concentrations in VW-2 (12.1 ppm), MW-22 (19.5 ppm) and RW-1 (88.6 ppm) were significantly above background, Targa investigated conditions around underground lines at the east inlet scrubber. However, excavation failed to identify any leaking lines suggesting that the east inlet scrubber was not the source of the LNAPL plume.

As documented in *2017 Groundwater Monitoring Report* prepared by Larson, dated April 24, 2018, Targa conducted further exploratory investigation to identify leaking subsurface lines that may be contributing to the LNAPL plume. Hydrovac excavation completed to expose shallow underground pipelines near the three-phase separator and condensate tanks identified two leaking dresser sleeves on a 60-foot section of pipeline that was replaced immediately west of the condensate tanks. However, no significant source of the LNAPL plume was identified. The line from the water leg of the three-phase separator to the sump was replaced in mid-February 2018. The location of the hydro excavation trenches and potholes are shown on **Figure 4**.

The *2018 Groundwater Monitoring Report* prepared by Larson, dated March 11, 2019 documented the following conditions at the Site:

- Groundwater flow direction remained consistent with flow towards the southeast under a gradient of approximately 0.008 ft./ft.;
- LNAPL (condensate) was observed in 20 wells during 2018. Based on the LNAPL measurements in 2018, LNAPL thickness increased in fourteen wells including MW-22, MW-32, MW-33, MW-34, MW-35, MW-37, MW-38, RW-1, VW-2, VW-3, VW-4, HVR-1, HV-2, and HV-4 and decreased in MW-2A. LNAPL thickness in remaining wells, including HV-1, HV-3, HV-5, MW-3 and VW-1, remained steady;

- Benzene exceeded the WQCC human health standard of 0.010 milligrams per liter (mg/L) in groundwater samples from MW-6 (0.0253 mg/L), MW-14 (0.0453 mg/L) and MW-18 (0.238 mg/L) during the annual monitoring event;
- Chloride exceeded the WQCC domestic water quality standard of 250 mg/L in groundwater samples from 12 monitoring wells during the June 15, 2018 monitoring event, with the highest concentrations reported in monitoring wells MW-14 (29,000 mg/L) and MW-18 (23,900 mg/L) located southeast, offsite of the Facility where historic brine ponds operated in conjunction with cavern storage wells; and
- Ethylbenzene, toluene, and xylenes were reported below the WQCC human health standards of 0.75 mg/L, 0.75 mg/L, and 0.62 mg/L, respectively, in all samples.

In a meeting between Targa and NMOCD on February 22, 2018, NMOCD agreed that Targa could reduce the groundwater monitoring frequency to annually and limit sampling to fourteen wells (MW-1, MW-5, MW-6, MW-8, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, MW-28, MW-30 and MW-31). Further, NMOCD agreed to reducing groundwater sample analysis to chloride for all fourteen wells and benzene, toluene, ethylbenzene and xylenes (BTEX) for wells MW-6, MW-14, MW-18, MW-19, and MW-23. While NMOCD agreed to discontinuing analysis of groundwater samples for RCRA metals, cations, anions and total dissolved solids (TDS), NMOCD noted that resumption of TDS analysis may be requested in the future. NMOCD concurred that chloride had been sufficiently delineated to the southeast/downgradient of the Facility and agreed that remediation may be suspended until the source of the LNAPL plume was identified. It was also agreed that LNAPL gauging frequency be reduced.

In April 2019, Targa retained Golder to perform annual groundwater monitoring activities at the Facility. A synoptic gauging event, performed on April 1, 2019, included measurement of static fluid levels and total depths of the 53 Site monitoring wells. On April 4-8, 2019, groundwater samples were collected using low-flow techniques from monitoring wells MW-1, MW-5, MW-6, MW-8, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, MW-28, MW-30 and MW-31. All samples were analyzed for chloride and BTEX constituents to verify the groundwater quality previously reported by Larson, since sampling through 2018 had been performed using pump/bailer techniques.

On July 29, 2019, Golder performed a focused LNAPL gauging event that included those wells located in the southeastern portion of the Facility. LNAPL was recorded at a measurable thickness in 23 wells (MW-2A, MW-3, MW-22, MW-29, MW-32 through MW-35, MW-37 through MW-38, RW-1, VW-1 through VW-4, HVR-1, HV-1 through HV-5, HV-7 and HV-9) in gauging events completed in 2019. The average LNAPL thickness increased from 2.99 feet in April 2019 to 3.61 feet in July 2019. Diagnostic gauge plots, prepared from the fluid gauging data, demonstrated that LNAPL existed predominantly, under unconfined conditions and, therefore, the increased LNAPL thickness reflected a response to falling groundwater levels. However, LNAPL thickness measured in July 2019 at MW-29, VW-1, HVR-1, HV-3, HV-4, HV-7 and HV-9, wells generally located east of the Facility, receded with no measurable product present in MW-29, HV-7 and HV-9 (near the eastern lateral extent of the groundwater bearing unit).

Groundwater data collected by Golder in 2019 was generally consistent (within seasonal variability) with results obtained by Larson in June 2018. Benzene in groundwater concentrations exceeded the applicable WQCC human health standard of 0.010 mg/L in samples collected from MW-6, MW-18 and MW-28 in April 2019. Benzene was detected at a maximum concentration of 1.3 mg/L in MW-28, a well located approximately 130 feet southeast and hydraulically downgradient of the core of the product plume where apparent LNAPL thickness

exceeded 5 feet. Toluene, ethylbenzene and total xylenes were detected at maximum concentrations of an estimated 0.0008 mg/L, 0.470 mg/L and 0.053 mg/L, respectively in MW-28; concentrations that did not exceed the applicable WQCC standards of 0.75 mg/L, 0.75 mg/L and 0.62 mg/L, respectively.

Chloride was detected at concentrations exceeding the domestic water supply standard of 250 mg/L in all wells sampled in April 2019 except for MW-5, MW-23 and MW-28. Since monitoring wells MW-23 and MW-28 were not impacted by chloride and are located immediately downgradient of the LNAPL plume, the chloride impact to groundwater did not appear to be associated with the LNAPL plume release. Elevated chloride concentrations were reported in MW-13 (4,700 mg/L), MW-14 (13,100 mg/L), MW-18 (24,600 mg/L), MW-19 (8,260 mg/L) and MW-30 (4,480 mg/L) located distal and downgradient of the Facility. MW-14 and MW-18 are located in the vicinity of historic brine storage ponds associated with offsite cavern storage operations.

Golder conducted the 2020 annual groundwater monitoring event in the third quarter of the year per NMOCD's request of annual sampling on a progressively subsequent quarter schedule. LNAPL was recorded at a measurable thickness in 21 wells (MW-2A, MW-3, MW-22, MW-27, MW-29, MW-32 through MW-35, MW-37, MW-38, RW-1, VW-1 through VW-4, HVR-1 and HV-1 through HV-4). The average LNAPL thickness increased from 3.61 feet in July 2019 to 3.97 feet in August 2020. The LNAPL plume receded in the east with no measurable product present in HV-5 through HV-9 and only a minimal thickness of 0.01 foot (ft.) measured in MW-29 (near the eastern lateral extent of the groundwater bearing unit).

Samples were collected August 18-19, 2020 from monitoring wells MW-1, MW-6, MW-8, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, MW-28, MW-30 and MW-31 and analyzed for BTEX and chloride to verify July 2019 data collected by Golder. Monitoring well MW-5 was damaged and was not sampled. Groundwater data collected in August 2020 were generally consistent (within seasonal variability) with data collected by Golder in July 2019. Benzene concentrations exceeded the WQCC human health standard of 0.010 mg/L in samples collected from MW-18 and MW-28. Benzene was detected at a maximum concentration of 1.38 mg/L in MW-28, a well located approximately 130 feet southeast and hydraulically downgradient of the core of the free product plume where apparent LNAPL thickness exceeded 6 feet. Ethylbenzene and total xylenes were detected at low concentrations below the applicable WQCC standards while toluene was not detected. The downgradient extent of the dissolved phase petroleum hydrocarbon plume was defined by MW-23, located approximately 250 feet downgradient of MW-28, where benzene was reported at 0.00663 mg/L. Chloride was detected at concentrations exceeding the WQCC domestic water supply standard of 250 mg/L in all wells sampled in August 2020 except for MW-23 and MW-28 confirming 2019 data. Elevated chloride concentrations were verified in MW-13 (6,120 mg/L), MW-14 (15,900 mg/L), MW-18 (14,600 mg/L), MW-19 (8,780 mg/L) and MW-30 (7,790 mg/L) located distal and downgradient of the Facility. MW-14 and MW-18 are reportedly located in the vicinity of historic brine storage ponds associated with cavern storage operations.

The 2021 annual groundwater sampling event was performed in the fourth quarter (October 2021) and included gauging of fluid levels in the 53 Site wells and sampling of the monitoring wells MW-1, MW-5, MW-6, MW-8, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, MW-30 and MW-31 for the analytes agreed upon in the February 2018 meeting with NMOCD. Prior to the sampling event, Golder repaired and redeveloped MW-5. Discovery of a slight deflection in the well casing of MW-28 precluded sampling of this well. LNAPL was recorded at a measurable thickness in 19 wells (MW-2A, MW-3, MW-22, MW-27, MW-32 through MW-35, MW-37, MW-38, RW-1, VW-1 through VW-4, HVR-1 and HV-1, HV-2 and HV-4). Although average apparent LNAPL thickness measured in wells decreased from 3.97 feet in August 2020 to 3.80 feet in October 2021, thicknesses generally decreased in the area extending from MW-37 to VW-4 (western portion of the product plume) but increased in the

vicinity of MW-3. The changes in LNAPL thickness reflected either rising (reduced LNAPL thickness) or falling groundwater levels (increased LNAPL thickness) under unconfined conditions. However, a notable increase in LNAPL thickness recorded at VW-1 in October 2021 in response to rising groundwater levels suggested LNAPL existed under confined conditions at this location. Data from October 2021 indicated the LNAPL plume had receded in the east with no measurable product present in HV-3, HV-5 through HV-9 and MW-29 (near the eastern lateral extent of the groundwater bearing unit).

Groundwater data collected in October 2021 were generally consistent (within seasonal variability) with results from August 2020. Benzene was detected at a solitary location (MW-18) at a concentration exceeding the applicable WQCC human health standard of 0.010 mg/L. Although benzene was reported at 0.0638 mg/L in MW-18, located distal/downgradient of the LNAPL plume, benzene was not detected in the sample collected from MW-23 in the vicinity of the downgradient/leading edge of the product plume. Total xylenes were detected at a maximum concentration of an estimated 0.000411 mg/L (MW-14) which is below the WQCC standard of 0.62 mg/L. Toluene and ethylbenzene were not detected.

Chloride was detected at concentrations exceeding the WQCC domestic water supply standard of 250 mg/L in all groundwater samples collected in October 2021, except for MW-5. Chloride was detected at 374 mg/L, slightly exceeding the standard in MW-23, located immediately downgradient of the LNAPL plume. Elevated chloride concentrations were reported in MW-13 (5,730 mg/L), MW-14 (13,900 mg/L), MW-18 (17,200 mg/L), MW-19 (7,060 mg/L) and MW-30 (10,000 mg/L) located distal and downgradient of the Facility with MW-14 and MW-18 located in the vicinity of historic brine storage ponds associated with cavern storage operations.

Groundwater monitoring data collected in March 2022 were generally consistent with October 2021. Benzene was detected at MW-14 and MW-18 at concentrations exceeding the applicable WQCC human health standard of 0.010 milligrams per liter (mg/L). Benzene was reported at a concentration of 0.06640 mg/L in MW-14, an increase from 0.00399 mg/L in October 2021. Benzene reported at 0.0627 mg/L in MW-18 in March 2022, consistent with the 0.0638 mg/L reported in October 2021. As both MW-14 and MW-18 are located distal/downgradient of the LNAPL plume and benzene was detected at a trace concentration (estimated 0.000811 mg/L) in the sample collected from MW-23 (located approximately 100 feet southeast and hydraulically downgradient of the leading edge of the product plume), the benzene impact in MW-14 and MW-18 appears unrelated to the Facility LNAPL plume and may indicate another source. Total xylenes were detected at a maximum concentration of an estimated 0.000238 mg/L (MW-14) which is below the WQCC standard of 0.62 mg/L. Toluene and ethylbenzene were detected up to an estimated 0.000908 mg/L and an estimated 0.000260 mg/L, respectively in MW-23, concentrations below the WQCC standards of 0.75 mg/L.

Chloride was detected at concentrations exceeding the WQCC domestic water supply standard of 250 mg/L in all groundwater samples collected in March 2022, except those from MW-5, MW-23 and MW-28. Elevated chloride concentrations were reported in MW-13 (6,560 mg/L), MW-14 (29,500 mg/L), MW-18 (16,700 mg/L), MW-19 (7,340 mg/L) and MW-30 (11,000 mg/L) located distal and downgradient of the Facility. The chloride exceedances in monitoring wells MW-14 and MW-18 may be associated with historic brine storage pond/cavern storage operations in the vicinity. Further, benzene data associated with these two wells supports a petroleum hydrocarbon source other than the Facility LNAPL plume.

1.2 Physical Setting

1.2.1 Topography

The Facility topography grades toward the southeast with elevations ranging from approximately 3,430 feet above mean sea level (MSL) in the northwest to 3,380 feet MSL in the southeast. Surface runoff is routed to an area near the southeast corner of the Facility. No surface water bodies are located on the Facility. Monument Draw, the closest ephemeral body, is located about 1.5 miles east as shown on **Figure 1**.

1.2.2 Geology

According to *Geologic Atlas of Texas, Hobbs Sheet* (Barnes, V.E et al, University of Texas, Bureau of Economic Geology, 1976), the Facility is underlain by Holocene-age windblown sand (Qsu) that is characterized as sand and silt in sheets and is light brown to reddish in color. The Pliocene-aged Ogallala Formation (To) underlies the windblown sand. The Ogallala is a fluviatile sand, silt, clay and gravel capped by caliche. The sand is fine to medium-grained quartz, in part silty and calcareous with common clay balls. The upper part of the Ogallala Formation is clayey, indistinctly bedded to massive, cross-bedded, unconsolidated to weakly cohesive with local quartzite lenses and colored various shades of grey and red. Silt and clay components are characterized as containing caliche nodules, reddish brown and dusky red and pink in color. Gravel is not always present, but consists mostly of quartz, some quartzite, sandstone, limestone, chert, igneous and metamorphic rock and worn *Gryphaea* in intraformational channel deposits and basal conglomerate. The caliche is sandy, pisolitic at the top and hard. The maximum thickness of the Ogallala is 100 feet. The upper Triassic-aged Chinle Formation is up to 300 feet thick and underlies the Ogallala Formation. The Chinle Formation is characterized as micaceous claystone, greenish and red in color with reduction spots and is interbedded with thinly bedded, fine-grained sandstone.

Larson characterized the Site geology based on boring logs as unconsolidated aeolian sand overlying an eight- to 20-foot-thick carbonate-indurated sand (caliche) which in turn overlies a fine-grained pink quartz sand that is locally represented by sandstone. Clayey sand or red-bed clay is encountered ranging in depths from approximately 24 feet bgs to 50 feet bgs in the east and center of the Facility, respectively.

1.2.3 Groundwater

Groundwater at the Site occurs in the Ogallala Formation. The regional flow has historically been reported to be generally toward the southeast.

Records of the New Mexico State Engineer identify a fresh water well about 0.7 miles south (cross gradient) of the Facility. The well is in Unit O (SW/4, SE/4), Section 3, Township 22 South, Range 6, 37 East. A water level of 32.58 feet bgs was reported in this well on January 27,1976.

2.0 GROUNDWATER MONITORING

2.1 Fluid Level Gauging and Potentiometric Surface Elevation

WSP provided NMOCD with notification of the 2023 annual groundwater monitoring event via electronic mail on June 9, 2023. A copy of this notification is included in **Appendix A**.

On June 20, 2023, WSP conducted a synoptic gauging event that included measurement of static fluid levels (depth to LNAPL and groundwater) and total depths (wells without measurable LNAPL) of the 53 Site monitoring wells. Well caps were removed, and fluid levels allowed to equilibrate prior to gauging to the nearest one hundredth of one foot (0.01 ft.) from the top of well casing (TOC) with an oil/water interface probe. Cumulative fluid gauging data along with monitoring well completion data are summarized in **Table 1**. Groundwater elevations are corrected for the presence of LNAPL based on a specific gravity of 0.70, where appropriate.

Depth to groundwater ranged from 58.11 feet bgs at MW-8 located near the northwest corner of the Facility (topographically high) to 21.07 feet bgs at MW-23 located southeast of the Facility. Groundwater elevations ranged from 3,374.38 feet MSL at MW-36 to 3,316.51 feet MSL at MW-31. Groundwater elevations rose 1.16 feet on average from those measured in March 2022. A Groundwater Gradient Map included as **Figure 3** was developed from the groundwater elevation data measured on June 20, 2023. Based on the potentiometric surface contours depicted on this map and groundwater elevations measured at MW-9 and MW-31, groundwater generally flows to the southeast under a mean hydraulic gradient of approximately 0.009 ft./ft. However, mounding, evident in the southeast portion of the Facility and centered on monitoring wells MW-35 through MW-38 located southwest of the condensate tank battery, contributes to a semi-radial flow configuration. Groundwater flow direction in this area of the Facility ranges from toward the east to toward the south and appears to influence the LNAPL plume geometry.

2.2 LNAPL Distribution and Condition

WSP measured LNAPL thickness in monitoring wells on June 20, 2023 as part of the sitewide synoptic gauging event. LNAPL thicknesses are summarized in **Table 1** and **Table 2** and depicted on **Figure 4**.

LNAPL was gauged at a measurable thickness (minimum 0.01 ft.) in 18 wells (MW-2A, MW-3, MW-22, MW-27, MW-33 through MW-35, MW-37, MW-38, RW-1, VW-2 through VW-4, HVR-1 and HV-1 through HV-4) this reporting period. Based on the March 2023 gauging data, areas of elevated product thickness are evident within the LNAPL plume in wells MW-33, MW-37 and in the vicinity of HVR-1 and HV-4. The June 2023 distribution differs to March 2022, when two discrete areas of increased LNAPL thickness were evident: 1) vicinity of MW-35 and MW-37 and 2) vicinity of MW-3 and HV-1.

Although the average apparent LNAPL thickness measured in wells decreased from 3.28 feet in March 2022 to 1.47 feet in June 2023, LNAPL thickness increased significantly in HV-4 (3.95 feet increase). While the greatest reduction in LNAPL thickness relative to March 2022 (5.11 feet reduction) was measured at MW-3, the product plume receded at the western extent in response to mounding of groundwater and suggests LNAPL exists under unconfined conditions in this portion of the Site. The appreciable localized increase in LNAPL thickness measured at HV-4 does not appear to signify eastern expansion of the plume, as product was not measured in HV-6 through HV-9 or MW-29, wells located further east where product has historically been reported.

In general, changes in LNAPL thickness reflect either rising (reduced LNAPL thickness) or falling groundwater levels (increased LNAPL thickness) under generally unconfined conditions at the Site.

Diagnostic gauge plots provided in the *2019 Annual Groundwater Monitoring Report* prepared by Golder, dated July 20, 2020, indicated that LNAPL in MW-3, MW-22, MW-32, MW-34, MW-35, MW-37, VW-2 through VW-4, HV-1, HV-2, HV-7 and HVR-1 existed under unconfined conditions. Under unconfined conditions, LNAPL thickness in a monitoring well may increase as the water table falls allowing LNAPL to flow into the well. As the water table rises, LNAPL may become entrapped in the saturated zone and the apparent LNAPL thickness in the well reduces. When unconfined conditions are at equilibrium, the apparent LNAPL thickness in the well may closely match the equilibrium thickness of the mobile LNAPL interval intercepted by the well.

2.3 Groundwater Sampling

WSP collected groundwater samples on June 21-22, 2023. As agreed in the February 22, 2018 meeting with NMOCD, samples were collected from the following fourteen monitoring wells: MW-1, MW-5, MW-6, MW-8, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, MW-28, MW-30 and MW-31. Groundwater samples were analyzed for chloride and samples collected from MW-6, MW-14, MW-18, MW-19, and MW-23 additionally analyzed for BTEX.

Prior to purging, static fluid levels were gauged to the nearest 0.01 ft. from TOC using an interface probe. Samples were collected using low flow purging/sampling techniques with a pneumatically powered 1.75-inch diameter bladder pump (dedicated disposable bladders), an in-line flow through cell with a multi-parameter water quality meter and dedicated down well polyethylene tubing for air supply and purge water discharge/sample collection. A smaller diameter (0.85-inch) bladder pump (capable of circumventing a slight casing deflection) was employed to sample MW-28. Pump intakes were positioned approximately midway within the water column and within the screened interval. While purging, typically at a rate of approximately 0.1 liters per minute, the water level was periodically monitored to ensure minimal drawdown and field parameters were measured every five minutes until stable conditions had been achieved for three consecutive measurements. Stabilization limits were ± 0.1 for pH, ± 3% for conductivity, ± 10% for dissolved oxygen (DO) and ± 10mv for oxidation reduction potential (ORP) in accordance with *EPA publication EPA/540/S-95/504 Low-Flow (Minimal drawdown) Ground-water Sampling Procedures* (April 1996). Groundwater samples were collected by disconnecting the flow cell and filling sample jars directly from the pump discharge.

Samples were analyzed for BTEX by SW-846 Method 8260 and chloride by EPA Method 9056A.

For quality assurance/quality control (QA/QC) purposes, a blind field duplicate was collected from MW-23 (DUP-01) as a check on sampling reproducibility and analytical precision. An equipment blank (EB-01) was collected after sampling MW-14 to verify proper decontamination of equipment and to identify possible cross contamination. The trip blank sample was inadvertently not submitted to the laboratory for analysis. The field duplicate and equipment blank samples were analyzed for BTEX and chloride. Additional sample volume was collected from MW-23 for matrix spike/matrix spike duplicate (MS/MSD) analysis.

Groundwater samples were placed on wet ice in an insulated cooler to reduce and maintain sample temperature at 4 ± 2 degrees Celsius. Coolers were shipped by courier for overnight delivery to the analytical laboratory under proper chain-of-custody procedures. Samples were submitted to the Pace Analytical National laboratory located in Mount Juliet, Tennessee.

The submersible bladder pumps, interface probe and flow-through cell were decontaminated prior to each use using a distilled water and laboratory-grade, phosphate free detergent solution (brushing as necessary) followed by a distilled water rinse. Purged groundwater was contained in an onsite tank that was discharged to a sump at the condensate tank battery for subsequent disposal in the Facility's NMOCD permitted disposal well.

2.4 Groundwater Quality

BTEX and chloride analytical data for the fourteen monitoring wells included in the June 2023 groundwater sampling event are summarized along with historic data for these constituents of concern (COC) in **Table 3**. Laboratory analytical reports are provided in **Appendix B**. Groundwater COC concentrations have been compared to the New Mexico WQCC Standards for Groundwater of 10,000 mg/L TDS Concentration or Less listed at NMAC 20.6.2.3103 (Human Health Standards and Other Standards for Domestic Water Supply).

According to NMAC 20.6.2.10, the current regulations (effective December 21, 2018), that included revisions to WQCC standards for benzene and toluene do not apply to any activity or condition subject to the authority of the Oil Conservation Commission pursuant to the provisions of the Oil and Gas Act, NMSA 1978, Section 70-2-12 and other laws conferring power on the Oil Conservation Commission and the Oil Conservation Division of the Energy, Minerals and Natural Resources Department to prevent or abate water pollution. As such, the former WQCC standards for benzene and toluene at the Site are not revised.

Table 3 and Benzene in Groundwater Concentration Map included as **Figure 5** shows that benzene was reported in monitoring well MW-18 at a concentration exceeding the human health standard of 0.010 mg/L. The benzene concentration of 0.0291 mg/L reported in MW-18 represents a reduction from 0.0627 mg/L in March 2022. Benzene was reported at 0.00271 mg/L in MW-14 in June 2023, a concentration less than the 0.06640 mg/L detected in March 2022. As both monitoring wells MW-14 and MW-18 are located distal/downgradient of the LNAPL plume and benzene was detected at a trace concentration (estimated 0.000507 mg/L) in the field duplicate (FD-01) sample collected from MW-23 (located approximately 100 feet southeast and hydraulically downgradient of the leading edge of the product plume), the benzene impact in MW-18, which has been apparent since 2015, does not appear to be associated with the LNAPL plume and appears to reflect an offsite source. Ethylbenzene and total xylenes were not detected above the laboratory reporting limits which are below the WQCC standard of 0.75 mg/L and 0.62 mg/L, respectively. Toluene was detected at an estimated 0.00118 mg/L in DUP-01 collected from MW-23, a concentration below the WQCC standard of 0.75 mg/L.

Chloride was detected at concentrations exceeding the WQCC domestic water supply standard of 250 mg/L in all groundwater samples collected in June 2023, except those collected from MW-5 and MW-28. Data are summarized in **Table 3** and depicted spatially in Chloride in Groundwater Concentration Map included as **Figure 6**. Monitoring well MW-28 is located approximately 75 feet, hydraulically downgradient of the LNAPL plume while MW-5 is located south of the Facility fence line. Chloride was reported at 395 mg/L in MW-23 located approximately 100 feet downgradient of the LNAPL plume. Elevated chloride concentrations were reported in MW-13 (7,020 mg/L), MW-14 (17,600 mg/L), MW-18 (13,700 mg/L), MW-19 (7,590 mg/L) and MW-30 (10,800 mg/L) located distal, offsite and downgradient of the Facility. Larson noted in the *2018 Groundwater Monitoring Report* that the highest chloride concentrations reported in MW-14 and MW-18 were in the vicinity of historic brine storage ponds associated with offsite cavern storage operations.

2.5 Field Quality Assurance/Quality Control Sample Evaluation

BTEX constituents were not detected, and chloride was reported at an estimated concentration of 0.0950 mg/L (and detected in the laboratory method blank) in the equipment blank sample. WSP calculated the relative percent difference (RPD) for the COCs analyzed in the parent sample/blind duplicate MW-23/DUP-01. The RPD of 0.3% calculated for chloride is regarded as acceptable for inorganic analytes. RPDs were not calculated for BTEX constituents as these constituents were not detected in the parent sample. No qualifiers were assigned to the data by WSP.

3.0 LNAPL SOURCE INVESTIGATION

WSP understands that the NMOCD has acknowledged that the existing site characterization, existing monitoring well network, and associated reporting have satisfied the required elements of a Stage 1 Abatement Plan, including design and performance of a site investigation to adequately define Site conditions and provide the data necessary to select and design an effective abatement option. However, as the source of the LNAPL plume has not been identified and characterization/definition is crucial in developing an effective Stage 2 Abatement Plan for this Site, further assessment is required.

Golder initiated additional investigation activities at the Facility during 2019 to locate the source of the LNAPL plume. Based on data collected, additional investigation activities are required and will be scheduled. The identification of the LNAPL source is critical in developing an effective remedy for the Site. The results of the investigation will be submitted to NMOCD in a separate report.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the groundwater monitoring event, WSP has the following conclusions:

- Based on the sitewide synoptic gauging event completed June 20, 2023, groundwater elevations were on average 1.16 feet higher than measured in March 2022. Further, based on groundwater elevations at MW-9 and MW-31, groundwater generally flows to the southeast under a mean hydraulic gradient of approximately 0.009 ft./ft. However, mounding in the southeast portion of the Facility contributes to a localized semi-radial flow configuration. Groundwater flow in the southeast corner of the Facility ranges from toward the east to toward the south and appears to influence the LNAPL plume geometry.
- NAPL was gauged at a measurable thickness in 18 wells (MW-2A, MW-3, MW-22, MW-27, MW-33 through MW-35, MW-37, MW-38, RW-1, VW-1 through VW-4, HVR-1 and HV-2 through HV-4) this reporting period. areas of elevated product thickness are evident within the LNAPL plume in wells MW-33, MW-37 and in the vicinity of HVR-1 and HV-4.
- Average apparent LNAPL thickness measured in wells decreased from 3.28 feet in March 2022 to 1.47 feet in June 2023 in general response to higher groundwater elevations. However, LNAPL thickness increased significantly in HV-4 (3.95 feet increase). While the greatest reduction in LNAPL thickness relative to March 2022 (5.11 feet reduction) was measured at MW-3, the product plume receded at the western extent in response to mounding of groundwater and suggests LNAPL exists under unconfined conditions in this portion of the Site. The appreciable local increase in LNAPL thickness measured at HV-4 does not appear to signify eastern expansion of the plume, as product was not measured in HV-6 through HV-9 or MW-29, wells located further east where product has historically been reported. Changes in LNAPL thickness reflect either rising (reduced LNAPL thickness) or falling groundwater levels (increased LNAPL thickness) under predominantly unconfined conditions at the Site.
- Groundwater samples were collected by WSP using low-flow techniques from the following fourteen monitoring wells: MW-1, MW-5, MW-6, MW-8, MW-13, MW-14, MW-15, MW-18, MW-19, MW-20, MW-23, MW-30 and MW-31. Samples were analyzed for BTEX and chloride as agreed with NMOCD in February 2018. Data reported in June 2023 were generally consistent (considering seasonal variability) with annual sampling data collected by Golder/WSP since April 2019.
- Benzene was detected at MW-18 at 0.0291 mg/L exceeding the applicable WQCC human health standard of 0.010 mg/L. As this well is located distal/downgradient of the LNAPL plume and benzene was detected at a trace concentration (estimated 0.000507 mg/L) in the duplicate sample collected from MW-23 (located approximately 100 feet southeast and hydraulically downgradient of the leading edge of the product plume), the benzene impact in MW-18 does not appear to be sourced from the LNAPL plume and is likely associated with an offsite source. Ethylbenzene and total xylenes were not detected above the laboratory reporting limits which are below the WQCC standard of 0.75 mg/L and 0.62 mg/L, respectively. Toluene was detected at an estimated 0.00118 mg/L in DUP-01 collected from MW-23, a concentration below the WQCC standard of 0.75 mg/L.
- Chloride was detected at concentrations exceeding the WQCC domestic water supply standard of 250 mg/L in all groundwater samples collected in June 2023, except those from MW-5 and MW-28. Monitoring well MW-28 is located immediately hydraulically downgradient of the LNAPL plume while MW-5 is located south of the Facility fence line. Elevated chloride concentrations were reported in MW-13 (7,020 mg/L), MW-14 (17,600 mg/L), MW-18 (13,700 mg/L), MW-19 (7,590 mg/L) and MW-30 (10,800 mg/L) located distal and

downgradient of the Facility. Larson noted in the *2018 Groundwater Monitoring Report* that the highest chloride concentrations reported in MW-14 and MW-18 were in the vicinity of historic brine storage ponds associated with offsite cavern storage operations.

Based on the above conclusions, WSP developed the following recommendations:

- Conduct the 2024 annual groundwater monitoring event in the third quarter of the year (sampling on progressively subsequent season schedule as requested by NMOCD). Samples will be analyzed for BTEX and chloride as agreed in the February 2018 meeting with NMOCD.
- Continue to investigate the LNAPL plume source.

5.0 REFERENCES

1) Bureau of Economic Geology 2010. Geologic Atlas of Texas, Hobbs Sheet (Barnes, V.E et al, University of Texas, Bureau of Economic Geology 1976).

2) Golder, 2020. 2019 Groundwater Monitoring Report, Golder Associates Inc., July 20, 2020.

3) Golder, 2021. 2020 Groundwater Monitoring Report, Golder Associates Inc., April 22, 2021.

4) Golder, 2022. 2021 Groundwater Monitoring Report, Golder Associates USA Inc., April 20, 2022.

5) Golder, 2022. 2022 Groundwater Monitoring Report, Golder Associates USA Inc., October 10, 2022.

6) Larson, 2010. Former Shell Tanks Excavation Report and Closure Approval Request, Larson & Associates, Inc. dated June 7, 2010.

7) Larson, 2017. 2016 Groundwater Monitoring Report, Larson & Associates, Inc. November 20, 2017.

8) Larson, 2018. 2017 Groundwater Monitoring Report, Larson & Associates, Inc., April 24, 2018.

9) Larson, 2019. 2018 Groundwater Monitoring Report, Larson & Associates, Inc., March 11, 2019.

10) Puls, R.W. and Barcelona, M.J. April 1996. Low-Flow (Minimal drawdown) Ground-water Sampling Procedures EPA Publication EPA/540/S-95/504.

11) Southwest Geoscience, 2012. MDPE Evaluation, Southwest Geosciences, November 15, 2012.

Signature Page

WSP USA Inc.

Steven S. Crowley, P.G.
Assistant Vice President, Geologist

Keith Wheeler, P.G.
Principal Hydrogeologist

https://wsponlinenam.sharepoint.com/sites/us-targaeunicegasplant/shared documents/technical work/groundwater monitoring/2023 gwm report/draft 2023 annual groundwater monitoring report - targa eunice gas plant.docx

Tables

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-01		11/5/2002	--	--	49.36	3,369.08	47.31
Date Drilled:	4/9/2002	6/12/2003	--	--	49.09	3,369.35	47.04
Drilled Depth BGS (feet):	60	11/11/2003	--	--	47.76	3,370.68	45.71
Well Depth from TOC (feet):	62.05	5/24/2004	--	--	48.83	3,369.61	46.78
Well Diameter (inches):	2	11/8/2004	--	--	48.64	3,369.80	46.59
Screen Interval BGS (feet):	40.17 - 59.79	5/24/2005	--	--	48.31	3,370.13	46.26
Casing Stickup (feet):	2.05	11/30/2005	--	--	48.01	3,370.43	45.96
Ground Elevation AMSL (feet)	3,416.39	1/19/2006	--	--	48.03	3,370.41	45.98
TOC Elevation AMSL (feet)	3,418.44	6/26/2006	--	--	48.18	3,370.26	46.13
Notes:		12/4/2006	--	--	47.85	3,370.59	45.80
		6/6/2007	--	--	47.86	3,370.58	45.81
		12/3/2007	--	--	47.91	3,370.53	45.86
		6/25/2008	--	--	47.71	3,370.73	45.66
		11/24/2008	--	--	47.73	3,370.71	45.68
		3/23/2009	--	--	47.62	3,370.82	45.57
		10/12/2009	--	--	47.74	3,370.70	45.69
		6/21/2010	--	--	47.87	3,370.57	45.82
		11/10/2010	--	--	47.89	3,370.55	45.84
		6/21/2011	--	--	47.66	3,370.78	45.61
		11/28/2011	--	--	47.62	3,370.82	45.57
		6/18/2012	--	--	47.70	3,370.74	45.65
		12/3/2012	--	--	49.87	3,368.57	47.82
		5/15/2013	--	--	49.95	3,368.49	47.90
		10/1/2013	--	--	50.11	3,368.33	48.06
		11/18/2013	--	--	50.21	3,368.23	48.16
		6/20/2014	--	--	14.25	3,404.19	12.20
		9/18/2014	--	--	50.30	3,368.14	48.25
		12/17/2014	--	--	50.11	3,368.33	48.06
		5/11/2015	--	--	50.09	3,368.35	48.04
		11/9/2015	--	--	49.95	3,368.49	47.90
		4/4/2016	--	--	49.91	3,368.53	47.86
		4/25/2016	--	--	49.77	3,368.67	47.72
		11/7/2016	--	--	49.82	3,368.62	47.77
		5/23/2017	--	--	49.75	3,368.69	47.70
		11/28/2017	--	--	49.68	3,368.76	47.63
		6/13/2018	--	--	49.52	3,368.92	47.47
		4/1/2019	--	--	49.33	3,369.11	47.28
		8/17/2020	--	--	49.41	3,369.03	47.36
		10/25/2021	--	--	49.22	3,369.22	47.17
		3/28/2022	--	--	49.24	3,369.20	47.19
		6/20/2023	--	--	49.25	3,369.19	47.20
****MW-02**		11/5/2002	--	--	26.37	3,368.57	24.23
Date Drilled:	4/9/2002	6/12/2003	--	--	26.76	3,368.18	24.62
Drilled Depth BGS (feet):	40	11/11/2003	--	--	26.96	3,367.98	24.82
Well Depth from TOC (feet):	42.14	5/24/2004	--	--	--	--	--
Well Diameter (inches):	2	11/8/2004	--	--	24.51	3,370.43	22.37
Screen Interval BGS (feet):	19.17 - 38.79	5/24/2005	--	--	23.43	3,371.51	21.29
Casing Stickup (feet):	2.14	11/30/2005	--	--	24.19	3,370.75	22.05
Ground Elevation AMSL (feet)	3,392.80	1/19/2006	--	--	24.21	3,370.73	22.07
TOC Elevation AMSL (feet)	3,394.94	6/26/2006	--	--	21.13	3,373.81	18.99
Notes: Replaced by MW-2A		12/4/2006	--	--	--	--	--
		6/6/2007	--	--	24.57	3,370.37	22.43
		12/3/2007	--	--	25.21	3,369.73	23.07
		6/25/2008	--	--	--	--	--
		11/24/2008	--	--	--	--	--
		2/19/2009	--	--	--	--	--
		3/23/2009	Well plugged and replaced by MW-2A				

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-02A		3/23/2009	--	--	25.26	3,370.07	22.61
Date Drilled:	2/18/2009	10/12/2009	--	--	26.09	3,369.24	23.44
Drilled Depth BGS (feet):	40	6/21/2010	--	--	26.53	3,368.80	23.88
Well Depth from TOC (feet):	42.65	11/10/2010	--	--	25.93	3,369.40	23.28
Well Diameter (inches):	2	6/21/2011	--	--	26.73	3,368.60	24.08
Screen Interval BGS (feet):	18-38	11/28/2011	--	--	26.86	3,368.47	24.21
Casing Stickup (feet):	2.65	6/18/2012	--	--	27.10	3,368.23	24.45
Ground Elevation AMSL (feet)	3,392.68	12/3/2012	--	--	29.98	3,365.35	27.33
TOC Elevation AMSL (feet)	3,395.33	5/15/2013	--	--	30.02	3,365.31	27.37
Notes: Replaced MW-02		10/1/2013	--	--	30.33	3,365.00	27.68
		11/18/2013	--	--	30.34	3,364.99	27.69
		6/20/2014	--	--	30.21	3,365.12	27.56
		12/19/2014	28.49	0.01	28.50	3,366.84	25.84
		5/11/2015	28.2	2.54	30.74	3,366.37	26.31
		11/9/2015	27.94	2.56	30.50	3,366.62	26.06
		4/4/2016	--	--	28.29	3,367.04	25.64
		4/25/2016	--	--	27.37	3,367.96	24.72
		11/7/2016	--	--	27.00	3,368.33	24.35
		5/23/2017	--	--	27.25	3,368.08	24.60
		11/28/2017	26.83	1.50	28.33	3,368.05	24.63
		6/13/2018	27.37	2.45	29.82	3,367.23	25.45
		4/1/2019	26.15	2.13	28.28	3,368.54	24.14
		7/29/2019	27.43	2.90	30.33	3,367.03	25.65
		8/17/2020	28.11	2.67	30.78	3,366.42	26.26
		10/25/2021	28.85	2.62	31.47	3,365.69	26.99
		3/28/2022	28.86	2.50	31.36	3,365.72	26.96
		6/20/2023	29.31	2.15	31.46	3,365.38	27.30
MW-03		11/5/2002	--	--	23.69	3,374.77	21.20
Date Drilled:	4/9/2002	6/12/2003	--	--	23.34	3,375.12	20.85
Drilled Depth BGS (feet):	40	11/11/2003	--	--	24.33	3,374.13	21.84
Well Depth from TOC (feet):	42.49	5/24/2004	--	--	23.29	3,375.17	20.80
Well Diameter (inches):	2	11/8/2004	--	--	22.62	3,375.84	20.13
Screen Interval BGS (feet):	19.47-39.09	5/24/2005	--	--	21.94	3,376.52	19.45
Casing Stickup (feet):	2.49	11/30/2005	--	--	22.15	3,376.31	19.66
Ground Elevation AMSL (feet)	3,395.97	1/19/2006	--	--	22.48	3,375.98	19.99
TOC Elevation AMSL (feet)	3,398.46	6/26/2006	23.46	0.00	23.46	3,375.00	20.97
Notes:		12/4/2006	--	--	23.44	3,375.02	20.95
		6/6/2007	--	--	21.94	3,376.52	19.45
		12/3/2007	--	--	23.23	3,375.23	20.74
		6/25/2008	--	--	24.24	3,374.22	21.75
		11/24/2008	--	--	23.90	3,374.56	21.41
		3/23/2009	--	--	24.61	3,373.85	22.12
		10/12/2009	26.85	1.99	28.84	3,371.01	24.96
		6/21/2010	22.74	2.49	25.23	3,374.97	21.00
		11/10/2010	--	--	22.33	3,376.13	19.84
		6/21/2011	24.88	1.59	26.47	3,373.10	22.87
		11/28/2011	24.82	4.47	29.29	3,372.30	23.67
		6/25/2012	26.38	1.98	28.36	3,371.49	24.48
		12/3/2012	--	--	--	--	--
		5/15/2013	29.61	0.02	29.63	3,368.84	27.13
		10/1/2013	28.13	1.62	29.75	3,369.84	26.13
		11/18/2013	29.58	1.87	31.45	3,368.32	27.65
		02/11/2014	28.93	2.61	31.54	3,368.75	27.22
		6/20/2014	28.81	3.38	32.19	3,368.64	27.33
		8/27/2014	28.91	6.67	35.58	3,367.55	28.42
		9/18/2014	28.89	0.00	28.89	3,369.57	26.40
		12/22/2014	28.18	5.51	33.69	3,368.63	27.34
		5/11/2015	28.37	4.95	33.32	3,368.61	27.37
		11/9/2015	27.73	6.04	33.77	3,368.92	27.05
		4/4/2016	27.64	4.04	31.68	3,369.61	26.36
		4/25/2016	27.56	3.54	31.10	3,369.84	26.13
		11/7/2016	27.1	3.33	30.43	3,370.36	25.61
		5/23/2017	27.16	3.80	30.96	3,370.16	25.81
		11/28/2017	27.02	3.32	30.34	3,370.44	25.53
		6/13/2018	27.26	4.07	31.33	3,369.98	25.99
		4/1/2019	27.39	4.75	32.14	3,369.65	26.33
		7/29/2019	27.59	4.77	32.36	3,369.44	26.53
		8/17/2020	27.94	6.25	34.19	3,368.65	27.33
		10/25/2021	28.17	6.68	34.85	3,368.29	27.68
		3/28/2022	28.08	6.73	34.81	3,368.36	27.61
		6/20/2023	26.60	1.62	28.22	3,371.37	24.60

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-04		11/5/2002	--	--	22.80	3,365.41	20.32
Date Drilled:	8/6/2002	6/12/2003	--	--	22.29	3,365.92	19.81
Drilled Depth BGS (feet):	35	11/11/2003	--	--	22.18	3,366.03	19.70
Well Depth from TOC (feet):	37.48	5/24/2004	--	--	20.71	3,367.50	18.23
Well Diameter (inches):	2	11/8/2004	--	--	15.59	3,372.62	13.11
Screen Interval BGS (feet):	14.87-34.49	5/24/2005	--	--	15.74	3,372.47	13.26
Casing Stickup (feet):	2.48	11/30/2005	--	--	15.79	3,372.42	13.31
Ground Elevation AMSL (feet)	3,385.73	1/19/2006	--	--	16.14	3,372.07	13.66
TOC Elevation AMSL (feet)	3,388.21	6/26/2006	--	--	17.25	3,370.96	14.77
Notes:		12/4/2006	--	--	16.37	3,371.84	13.89
		6/6/2007	--	--	15.29	3,372.92	12.81
		12/3/2007	--	--	16.88	3,371.33	14.40
		6/25/2008	--	--	19.47	3,368.74	16.99
		11/24/2008	--	--	20.08	3,368.13	17.60
		3/23/2009	--	--	20.76	3,367.45	18.28
		10/12/2009	--	--	21.53	3,366.68	19.05
		6/21/2010	--	--	21.79	3,366.42	19.31
		11/10/2010	--	--	17.75	3,370.46	15.27
		6/21/2011	--	--	21.31	3,366.90	18.83
		11/28/2011	--	--	22.25	3,365.96	19.77
		6/18/2012	--	--	22.42	3,365.79	19.94
		12/3/2012	--	--	25.24	3,362.97	22.76
		5/15/2013	--	--	25.58	3,362.63	23.10
		10/1/2013	--	--	25.91	3,362.30	23.43
		11/18/2013	--	--	25.67	3,362.54	23.19
		6/20/2014	--	--	25.66	3,362.55	23.18
		12/17/2014	--	--	21.76	3,366.45	19.28
		5/11/2015	--	--	23.32	3,364.89	20.84
		11/9/2015	--	--	20.12	3,368.09	17.64
		4/4/2016	--	--	19.74	3,368.47	17.26
		4/25/2016	--	--	19.70	3,368.51	17.22
		11/7/2016	--	--	18.90	3,369.31	16.42
		5/23/2017	--	--	19.21	3,369.00	16.73
		11/28/2017	--	--	19.17	3,369.04	16.69
		6/13/2018	--	--	21.89	3,366.32	19.41
		4/1/2019	--	--	19.63	3,368.58	17.15
		8/17/2020	--	--	23.47	3,364.74	20.99
		10/25/2021	--	--	24.07	3,364.14	21.59
		3/28/2022	--	--	25.28	3,362.93	22.80
		6/20/2023	--	--	24.49	3,363.72	22.01

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-05		11/5/2002	--	--	28.29	3,368.55	25.74
Date Drilled:	8/6/2002	6/12/2003	--	--	25.67	3,371.17	23.12
Drilled Depth BGS (feet):	40	11/11/2003	--	--	25.47	3,371.37	22.92
Well Depth from TOC (feet):	42.55	5/24/2004	--	--	25.75	3,371.09	23.20
Well Diameter (inches):	2	11/8/2004	--	--	26.17	3,370.67	23.62
Screen Interval BGS (feet):	19.87-39.49	5/24/2005	--	--	25.70	3,371.14	23.15
Casing Stickup (feet):	2.55	11/30/2005	--	--	26.20	3,370.64	23.65
Ground Elevation AMSL (feet)	3,394.29	1/19/2006	--	--	26.26	3,370.58	23.71
TOC Elevation AMSL (feet)	3,396.84	6/26/2006	--	--	26.65	3,370.19	24.10
Notes:		12/4/2006	--	--	26.46	3,370.38	23.91
		6/7/2007[1]	--	--	23.91	3,372.93	21.29
		12/3/2007	--	--	24.18	3,372.66	21.56
On 6/7/2007		6/25/2008	--	--	26.83	3,370.01	24.21
Well Depth from TOC (feet):	36.78	11/24/2008	--	--	27.23	3,369.61	24.61
Casing Stickup (feet):	2.62	3/23/2009	--	--	27.33	3,369.51	24.71
Ground Elevation AMSL (feet)	3,394.22	10/12/2009	--	--	27.78	3,369.06	25.16
TOC Elevation AMSL (feet)	3,396.77	6/21/2010	--	--	27.99	3,368.85	25.37
		11/10/2010	--	--	27.58	3,369.26	24.96
On 10/25/2021		6/21/2011	--	--	27.20	3,369.64	24.58
Casing Stickup (feet):	3.59	11/28/2011	--	--	27.81	3,369.03	25.19
Ground Elevation AMSL (feet)	3,394.22	6/18/2012	--	--	28.15	3,368.69	25.53
TOC Elevation AMSL (feet)	3,397.81	12/3/2012	--	--	30.95	3,365.89	28.33
		5/15/2013	--	--	31.16	3,365.68	28.54
		10/1/2013	--	--	31.38	3,365.46	28.76
		11/18/2013	--	--	31.42	3,365.42	28.80
		6/20/2014	--	--	31.51	3,365.33	28.89
		9/18/2014	--	--	31.57	3,365.27	28.95
		12/18/2014	31.12	0.01	31.13	3,365.72	28.50
		5/11/2015	--	--	30.92	3,365.92	28.30
		11/9/2015	--	--	31.09	3,365.75	28.47
		4/4/2016	--	--	30.78	3,366.06	28.16
		4/25/2016	--	--	30.73	3,366.11	28.11
		11/7/2016	--	--	30.65	3,366.19	28.03
		5/23/2017	--	--	30.50	3,366.34	27.88
		11/28/2017	--	--	30.41	3,366.43	27.79
		6/15/2018	--	--	30.54	3,366.30	27.92
		4/1/2019	--	--	30.39	3,366.45	27.77
		8/17/2020	NM	NM	NM	NM	NM
		10/25/2021[1]	--	--	31.38	3,366.43	27.79
		3/28/2022	--	--	31.34	3,366.47	27.75
		6/20/2023	--	--	29.09	3,368.72	25.50

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-06		11/5/2002	--	--	37.81	3,365.93	35.22
Date Drilled:	8/6/2002	6/12/2003	--	--	37.38	3,366.36	34.79
Drilled Depth BGS (feet):	52	11/11/2003	--	--	36.53	3,367.21	33.94
Well Depth from TOC (feet):	54.59	5/24/2004	--	--	36.78	3,366.96	34.19
Well Diameter (inches):	2	11/8/2004	--	--	36.59	3,367.15	34.00
Screen Interval BGS (feet):	31.87-51.49	5/24/2005	--	--	36.10	3,367.64	33.51
Casing Stickup (feet):	2.59	11/30/2005	--	--	36.14	3,367.60	33.55
Ground Elevation AMSL (feet)	3,401.15	1/19/2006	--	--	36.12	3,367.62	33.53
TOC Elevation AMSL (feet)	3,403.74	6/26/2006	--	--	36.22	3,367.52	33.63
Notes:		12/4/2006	--	--	35.97	3,367.77	33.38
		6/6/2007	--	--	36.15	3,367.59	33.56
		12/3/2007	--	--	36.20	3,367.54	33.61
		6/25/2008	--	--	36.19	3,367.55	33.60
		11/24/2008	--	--	36.29	3,367.45	33.70
		3/23/2009	--	--	36.23	3,367.51	33.64
		10/12/2009	--	--	36.46	3,367.28	33.87
		6/21/2010	--	--	36.51	3,367.23	33.92
		11/1/2010	--	--	36.38	3,367.36	33.79
		6/21/2011	--	--	36.15	3,367.59	33.56
		11/28/2011	--	--	36.37	3,367.37	33.78
		6/18/2012	--	--	36.48	3,367.26	33.89
		12/3/2012	--	--	39.16	3,364.58	36.57
		5/15/2013	--	--	39.31	3,364.43	36.72
		10/1/2013	--	--	39.42	3,364.32	36.83
		11/18/2013	--	--	39.46	3,364.28	36.87
		6/20/2014	--	--	39.54	3,364.20	36.95
		9/18/2014	--	--	39.61	3,364.13	37.02
		12/18/2014	39.34	0.01	39.35	3,364.40	36.75
		5/11/2015	--	--	39.35	3,364.39	36.76
		11/9/2015	--	--	39.26	3,364.48	36.67
		4/4/2016	--	--	39.10	3,364.64	36.51
		4/25/2016	--	--	39.01	3,364.73	36.42
		11/7/2016	--	--	38.97	3,364.77	36.38
		5/23/2017	--	--	38.89	3,364.85	36.30
		11/28/2017	--	--	38.82	3,364.92	36.23
		6/13/2018	--	--	38.76	3,364.98	36.17
		4/1/2019	--	--	38.63	3,365.11	36.04
		8/17/2020	--	--	38.71	3,365.03	36.12
		10/25/2021	--	--	38.61	3,365.13	36.02
		3/28/2022	--	--	38.51	3,365.23	35.92
		6/20/2023	--	--	38.24	3,365.50	35.65

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-07		11/5/2002	--	--	51.34	3,368.37	48.88
Date Drilled:	8/7/2002	6/12/2003	--	--	51.05	3,368.66	48.59
Drilled Depth BGS (feet):	60	11/11/2003	--	--	50.93	3,368.78	48.47
Well Depth from TOC (feet):	62.46	5/24/2004	--	--	50.76	3,368.95	48.30
Well Diameter (inches):	2	11/8/2004	--	--	50.70	3,369.01	48.24
Screen Interval BGS (feet):	39.87-59.49	5/24/2005	--	--	50.24	3,369.47	47.78
Casing Stickup (feet):	2.46	11/30/2005	--	--	50.10	3,369.61	47.64
Ground Elevation AMSL (feet)	3,417.25	1/19/2006	--	--	50.00	3,369.71	47.54
TOC Elevation AMSL (feet)	3,419.71	6/26/2006	--	--	49.97	3,369.74	47.51
Notes:		12/4/2006	--	--	49.75	3,369.96	47.29
		6/6/2007	--	--	49.65	3,370.06	47.19
		12/3/2007	--	--	49.67	3,370.04	47.21
		6/25/2008	--	--	49.43	3,370.28	46.97
		11/24/2008	--	--	49.48	3,370.23	47.02
		3/23/2009	--	--	49.31	3,370.40	46.85
		10/12/2009	--	--	49.47	3,370.24	47.01
		6/21/2010	--	--	49.47	3,370.24	47.01
		11/10/2010	--	--	49.45	3,370.26	46.99
		6/21/2011	--	--	49.32	3,370.39	46.86
		11/28/2011	--	--	49.30	3,370.41	46.84
		6/18/2012	--	--	49.31	3,370.40	46.85
		12/3/2012	--	--	51.83	3,367.88	49.37
		5/15/2013	--	--	51.86	3,367.85	49.40
		10/1/2013	--	--	51.97	3,367.74	49.51
		11/18/2013	--	--	52.10	3,367.61	49.64
		6/20/2014	--	--	52.14	3,367.57	49.68
		9/18/2014	52.11	0.02	52.13	3,367.59	49.66
		12/17/2014	--	--	52.00	3,367.71	49.54
		5/11/2015	--	--	52.06	3,367.65	49.60
		11/9/2015	--	--	51.92	3,367.79	49.46
		4/4/2016	--	--	51.82	3,367.89	49.36
		4/25/2016	--	--	51.71	3,368.00	49.25
		11/7/2016	--	--	51.74	3,367.97	49.28
		5/23/2017	--	--	51.66	3,368.05	49.20
		11/28/2017	--	--	51.51	3,368.20	49.05
		6/15/2018	--	--	51.37	3,368.34	48.91
		4/1/2019	--	--	51.52	3,368.19	49.06
		8/17/2020	--	--	51.21	3,368.50	48.75
		10/25/2021	--	--	51.08	3,368.63	48.62
		3/28/2022	--	--	51.09	3,368.62	48.63
		6/20/2023	--	--	51.12	3,368.59	48.66

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-08		11/5/2002	--	--	63.98	3,367.03	61.63
Date Drilled:	8/7/2002	6/12/2003	--	--	60.74	3,370.27	58.39
Drilled Depth BGS (feet):	75	11/11/2003	--	--	60.70	3,370.31	58.35
Well Depth from TOC (feet):	77.35	5/24/2004	--	--	60.45	3,370.56	58.10
Well Diameter (inches):	2	11/8/2004	--	--	60.45	3,370.56	58.10
Screen Interval BGS (feet):	54.87-74.49	5/24/2005	--	--	60.06	3,370.95	57.71
Casing Stickup (feet):	2.35	11/30/2005	--	--	59.89	3,371.12	57.54
Ground Elevation AMSL (feet)	3,428.66	1/19/2006	--	--	59.80	3,371.21	57.45
TOC Elevation AMSL (feet)	3,431.01	6/26/2006	--	--	59.66	3,371.35	57.31
Notes:		12/4/2006	--	--	59.51	3,371.50	57.16
		6/6/2007	--	--	59.29	3,371.72	56.94
		12/3/2007	--	--	58.86	3,372.15	56.51
		6/25/2008	--	--	58.95	3,372.06	56.60
		11/24/2008	--	--	59.05	3,371.96	56.70
		3/23/2009	--	--	58.81	3,372.20	56.46
		10/12/2009	--	--	58.94	3,372.07	56.59
		6/21/2010	--	--	58.93	3,372.08	56.58
		11/10/2010	--	--	58.87	3,372.14	56.52
		6/21/2011	--	--	58.80	3,372.21	56.45
		11/28/2011	--	--	58.74	3,372.27	56.39
		6/18/2012	--	--	58.65	3,372.36	56.30
		12/3/2012	--	--	60.95	3,370.06	58.60
		5/15/2013	--	--	61.00	3,370.01	58.65
		10/1/2013	--	--	61.11	3,369.90	58.76
		11/18/2013	--	--	61.21	3,369.80	58.86
		6/20/2014	--	--	61.26	3,369.75	58.91
		12/17/2014	61.14	0.02	61.16	3,369.86	58.80
		5/11/2015	--	--	61.31	3,369.70	58.96
		11/9/2015	--	--	61.05	3,369.96	58.70
		4/4/2016	--	--	61.02	3,369.99	58.67
		4/25/2016	--	--	60.90	3,370.11	58.55
		11/7/2016	--	--	60.92	3,370.09	58.57
		5/23/2017	--	--	60.84	3,370.17	58.49
		11/28/2017	--	--	60.72	3,370.29	58.37
		6/13/2018	--	--	60.48	3,370.53	58.13
		4/1/2019	--	--	60.35	3,370.66	58.00
		8/17/2020	--	--	60.37	3,370.64	58.02
		10/25/2021	--	--	60.24	3,370.77	57.89
		3/28/2022	--	--	60.33	3,370.68	57.98
		6/20/2023	--	--	60.46	3,370.55	58.11

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-09		11/5/2002	--	--	50.24	3,370.35	47.79
Date Drilled:	8/7/2002	6/12/2003	--	--	49.97	3,370.62	47.52
Drilled Depth BGS (feet):	60	11/11/2003	--	--	49.92	3,370.67	47.47
Well Depth from TOC (feet):	62.45	5/24/2004	--	--	49.67	3,370.92	47.22
Well Diameter (inches):	2	11/8/2004	--	--	49.63	3,370.96	47.18
Screen Interval BGS (feet):	39.87-59.49	5/24/2005	--	--	49.22	3,371.37	46.77
Casing Stickup (feet):	2.45	11/30/2005	--	--	49.02	3,371.57	46.57
Ground Elevation AMSL (feet)	3,418.14	1/19/2006	--	--	49.23	3,371.36	46.78
TOC Elevation AMSL (feet)	3,420.59	6/26/2006	--	--	48.76	3,371.83	46.31
Notes:		12/4/2006	--	--	48.63	3,371.96	46.18
		6/6/2007	--	--	48.41	3,372.18	45.96
		12/3/2007	--	--	48.44	3,372.15	45.99
		6/25/2008	--	--	48.18	3,372.41	45.73
		11/24/2008	--	--	48.20	3,372.39	45.75
		3/23/2009	--	--	48.04	3,372.55	45.59
		10/12/2009	--	--	48.12	3,372.47	45.67
		6/21/2010	--	--	48.14	3,372.45	45.69
		11/10/2010	--	--	48.14	3,372.45	45.69
		6/21/2011	--	--	48.04	3,372.55	45.59
		11/28/2011	--	--	48.02	3,372.57	45.57
		6/18/2012	--	--	47.96	3,372.63	45.51
		12/3/2012	--	--	50.40	3,370.19	47.95
		5/15/2013	--	--	50.45	3,370.14	48.00
		10/1/2013	--	--	50.06	3,370.53	47.61
		11/18/2013	--	--	50.70	3,369.89	48.25
		6/20/2014	--	--	14.71	3,405.88	12.26
		12/17/2014	50.65	0.01	50.66	3,369.94	48.20
		5/11/2015	--	--	50.77	3,369.82	48.32
		11/9/2015	--	--	50.61	3,369.98	48.16
		4/4/2016	--	--	50.44	3,370.15	47.99
		4/25/2016	--	--	50.34	3,370.25	47.89
		11/7/2016	--	--	50.34	3,370.25	47.89
		5/23/2017	--	--	50.25	3,370.34	47.80
		11/28/2017	--	--	50.16	3,370.43	47.71
		6/15/2018	--	--	49.95	3,370.64	47.50
		4/1/2019	--	--	49.93	3,370.66	47.48
		8/17/2020	--	--	49.91	3,370.68	47.46
		10/25/2021	--	--	49.89	3,370.70	47.44
		3/28/2022	--	--	49.83	3,370.76	47.38
		6/20/2023	--	--	50.01	3,370.58	47.56

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-10		11/5/2002	--	--	35.68	3,370.05	33.26
Date Drilled:	8/9/2002	6/12/2003	--	--	35.45	3,370.28	33.03
Drilled Depth BGS (feet):	47	11/11/2003	--	--	35.29	3,370.44	32.87
Well Depth from TOC (feet):	49.42	5/24/2004	--	--	35.10	3,370.63	32.68
Well Diameter (inches):	2	11/8/2004	--	--	34.90	3,370.83	32.48
Screen Interval BGS (feet):	26.87-46.49	5/24/2005	--	--	34.46	3,371.27	32.04
Casing Stickup (feet):	2.42	11/30/2005	--	--	34.10	3,371.63	31.68
Ground Elevation AMSL (feet)	3,403.31	1/19/2006	--	--	34.05	3,371.68	31.63
TOC Elevation AMSL (feet)	3,405.73	6/26/2006	--	--	33.85	3,371.88	31.43
Notes:		12/4/2006	--	--	33.72	3,372.01	31.30
		6/6/2007	--	--	33.57	3,372.16	31.15
		12/3/2007	--	--	33.54	3,372.19	31.12
		6/25/2008	--	--	33.37	3,372.36	30.95
		11/24/2008	--	--	33.38	3,372.35	30.96
		3/23/2009	--	--	33.30	3,372.43	30.88
		10/12/2009	--	--	33.42	3,372.31	31.00
		6/21/2010	--	--	33.46	3,372.27	31.04
		11/10/2010	--	--	33.43	3,372.30	31.01
		6/21/2011	--	--	33.40	3,372.33	30.98
		11/28/2011	--	--	33.43	3,372.30	31.01
		6/18/2012	--	--	33.41	3,372.32	30.99
		12/3/2012	--	--	35.95	3,369.78	33.53
		5/15/2013	--	--	35.96	3,369.77	33.54
		10/1/2013	--	--	36.11	3,369.62	33.69
		11/18/2013	--	--	36.15	3,369.58	33.73
		6/20/2014	--	--	36.12	3,369.61	33.70
		12/17/2014	35.99	0.01	36.00	3,369.74	33.57
		5/11/2015	--	--	36.03	3,369.70	33.61
		11/9/2015	--	--	35.81	3,369.92	33.39
		4/4/2016	--	--	35.74	3,369.99	33.32
		4/25/2016	--	--	35.69	3,370.04	33.27
		11/7/2016	--	--	35.60	3,370.13	33.18
		5/23/2017	--	--	35.50	3,370.23	33.08
		11/28/2017	--	--	35.40	3,370.33	32.98
		6/15/2018	--	--	35.29	3,370.44	32.87
		4/1/2019	--	--	35.25	3,370.48	32.83
		8/17/2020	--	--	35.37	3,370.36	32.95
		10/25/2021	--	--	35.45	3,370.28	33.03
		3/28/2022	--	--	35.51	3,370.22	33.09
		6/20/2023	--	--	35.52	3,370.21	33.10

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-11		11/5/2002	--	--	30.51	3,367.51	28.00
Date Drilled:	8/8/2002	6/12/2003	--	--	30.25	3,367.77	27.74
Drilled Depth BGS (feet):	47	11/11/2003	--	--	31.27	3,366.75	28.76
Well Depth from TOC (feet):	49.51	5/24/2004	--	--	30.17	3,367.85	27.66
Well Diameter (inches):	2	11/8/2004	--	--	29.86	3,368.16	27.35
Screen Interval BGS (feet):	30.87-50.49	5/24/2005	--	--	29.00	3,369.02	26.49
Casing Stickup (feet):	2.51	11/30/2005	--	--	28.34	3,369.68	25.83
Ground Elevation AMSL (feet)	3,395.51	1/19/2006	--	--	28.27	3,369.75	25.76
TOC Elevation AMSL (feet)	3,398.02	6/26/2006	--	--	28.12	3,369.90	25.61
Notes:		12/4/2006	--	--	28.00	3,370.02	25.49
		6/6/2007	--	--	27.77	3,370.25	25.26
		12/3/2007	--	--	27.86	3,370.16	25.35
		6/25/2008	--	--	27.78	3,370.24	25.27
		11/24/2008	--	--	27.96	3,370.06	25.45
		3/23/2009	--	--	27.73	3,370.29	25.22
		10/12/2009	--	--	28.11	3,369.91	25.60
		6/21/2010	--	--	28.11	3,369.91	25.60
		11/10/2010	--	--	28.12	3,369.90	25.61
		6/21/2011	--	--	28.18	3,369.84	25.67
		11/28/2011	--	--	28.29	3,369.73	25.78
		6/18/2012	--	--	28.19	3,369.83	25.68
		12/3/2012	--	--	31.01	3,367.01	28.50
		5/15/2013	--	--	30.93	3,367.09	28.42
		10/1/2013	--	--	31.25	3,366.77	28.74
		11/18/2013	--	--	31.19	3,366.83	28.68
		6/20/2014	--	--	30.79	3,367.23	28.28
		9/18/2014	--	--	31.11	3,366.91	28.60
		12/17/2014	30.34	0.01	30.35	3,367.68	27.83
		5/11/2015	--	--	30.12	3,367.90	27.61
		11/9/2015	--	--	30.02	3,368.00	27.51
		4/4/2016	--	--	29.66	3,368.36	27.15
		4/25/2016	--	--	29.58	3,368.44	27.07
		11/7/2016	--	--	29.45	3,368.57	26.94
		5/23/2017	--	--	29.19	3,368.83	26.68
		11/28/2017	--	--	29.17	3,368.85	26.66
		6/15/2018	--	--	29.31	3,368.71	26.80
		4/1/2019	--	--	29.26	3,368.76	26.75
		8/17/2020	--	--	29.96	3,368.06	27.45
		10/25/2021	--	--	30.31	3,367.71	27.80
		3/28/2022	--	--	30.41	3,367.61	27.90
		6/20/2023	--	--	30.67	3,367.35	28.16

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-12		6/12/2003	--	--	28.57	3,368.21	26.60
Date Drilled:	6/3/2003	11/11/2003	--	--	29.09	3,367.69	27.12
Drilled Depth BGS (feet):	45	5/24/2004	--	--	28.66	3,368.12	26.69
Well Depth from TOC (feet):	46.97	11/8/2004	--	--	28.25	3,368.53	26.28
Well Diameter (inches):	2	5/24/2005	--	--	26.31	3,370.47	24.34
Screen Interval BGS (feet):	25.0-44.49	11/30/2005	--	--	26.41	3,370.37	24.44
Casing Stickup (feet):	1.97	1/19/2006	--	--	26.38	3,370.40	24.41
Ground Elevation AMSL (feet)	3,394.81	6/26/2006	--	--	26.63	3,370.15	24.66
TOC Elevation AMSL (feet)	3,396.78	12/4/2006	--	--	26.50	3,370.28	24.53
Notes:		6/6/2007	--	--	26.28	3,370.50	24.31
		12/3/2007	--	--	26.49	3,370.29	24.52
		6/25/2008	--	--	26.67	3,370.11	24.70
		11/24/2008	--	--	26.75	3,370.03	24.78
		3/23/2009	--	--	26.52	3,370.26	24.55
		10/12/2009	--	--	27.12	3,369.66	25.15
		6/21/2010	--	--	26.99	3,369.79	25.02
		11/10/2010	--	--	27.00	3,369.78	25.03
		6/21/2011	--	--	27.23	3,369.55	25.26
		11/28/2011	--	--	27.35	3,369.43	25.38
		6/18/2012	--	--	27.18	3,369.60	25.21
		12/3/2012	--	--	29.55	3,367.23	27.58
		5/15/2013	--	--	29.30	3,367.48	27.33
		10/1/2013	--	--	29.95	3,366.83	27.98
		11/18/2013	--	--	29.69	3,367.09	27.72
		6/20/2014	--	--	29.26	3,367.52	27.29
		12/18/2014	--	--	28.62	3,368.16	26.65
		5/11/2015	--	--	28.60	3,368.18	26.63
		11/9/2015	--	--	28.89	3,367.89	26.92
		4/4/2016	--	--	28.24	3,368.54	26.27
		4/25/2016	--	--	28.19	3,368.59	26.22
		11/7/2016	--	--	28.24	3,368.54	26.27
		5/23/2017	--	--	27.94	3,368.84	25.97
		11/28/2017	--	--	27.92	3,368.86	25.95
		6/15/2018	--	--	28.07	3,368.71	26.10
		4/1/2019	--	--	27.89	3,368.89	25.92
		8/17/2020	--	--	28.83	3,367.95	26.86
		10/25/2021	--	--	29.14	3,367.64	27.17
		3/28/2022	--	--	28.99	3,367.79	27.02
		6/20/2023	--	--	29.10	3,367.68	27.13

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-13		6/12/2003	--	--	27.33	3,360.36	25.46
Date Drilled:	6/3/2003	11/11/2003	--	--	29.12	3,358.57	27.25
Drilled Depth BGS (feet):	35	5/24/2004	--	--	28.57	3,359.12	26.70
Well Depth from TOC (feet):	36.87	11/8/2004	--	--	22.12	3,365.57	20.25
Well Diameter (inches):	2	5/24/2005	--	--	22.30	3,365.39	20.43
Screen Interval BGS (feet):	25.0-34.49	11/30/2005	--	--	21.04	3,366.65	19.17
Casing Stickup (feet):	1.87	1/19/2006	--	--	21.34	3,366.35	19.47
Ground Elevation AMSL (feet)	3,385.82	6/26/2006	--	--	23.60	3,364.09	21.73
TOC Elevation AMSL (feet)	3,387.69	12/4/2006	--	--	22.56	3,365.13	20.69
Notes:		6/6/2007	--	--	21.18	3,366.51	19.31
		12/3/2007	--	--	22.64	3,365.05	20.77
		6/25/2008	--	--	25.16	3,362.53	23.29
		11/24/2008	--	--	25.78	3,361.91	23.91
		3/23/2009	--	--	25.91	3,361.78	24.04
		10/12/2009	--	--	26.93	3,360.76	25.06
		6/21/2010	--	--	28.46	3,359.23	26.59
		11/10/2010	--	--	25.29	3,362.40	23.42
		6/21/2011	--	--	26.85	3,360.84	24.98
		11/28/2011	--	--	28.37	3,359.32	26.50
		6/18/2012	--	--	29.54	3,358.15	27.67
		12/3/2012	--	--	31.77	3,355.92	29.90
		5/15/2013	--	--	32.22	3,355.47	30.35
		10/1/2013	--	--	32.53	3,355.16	30.66
		11/18/2013	--	--	32.50	3,355.19	30.63
		6/20/2014	--	--	32.68	3,355.01	30.81
		12/17/2014	--	--	27.75	3,359.94	25.88
		5/11/2015	--	--	28.93	3,358.76	27.06
		11/9/2015	--	--	28.10	3,359.59	26.23
		4/4/2016	--	--	25.82	3,361.87	23.95
		4/25/2016	--	--	25.63	3,362.06	23.76
		11/7/2016	--	--	24.48	3,363.21	22.61
		5/23/2017	--	--	24.70	3,362.99	22.83
		11/28/2017	--	--	24.97	3,362.72	23.10
		6/13/2018	--	--	27.44	3,360.25	25.57
		4/1/2019	--	--	26.68	3,361.01	24.81
		8/17/2020	--	--	29.37	3,358.32	27.50
		10/25/2021	--	--	32.58	3,355.11	30.71
		3/28/2022	--	--	32.86	3,354.83	30.99
		6/20/2023	--	--	33.66	3,354.03	31.79

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-14		6/12/2003	--	--	29.90	3,352.09	27.57
Date Drilled:	6/3/2003	11/11/2003	--	--	30.01	3,351.98	27.68
Drilled Depth BGS (feet):	47	5/24/2004	--	--	29.76	3,352.23	27.43
Well Depth from TOC (feet):	49.33	11/8/2004	--	--	28.87	3,353.12	26.54
Well Diameter (inches):	2	5/24/2005	--	--	27.77	3,354.22	25.44
Screen Interval BGS (feet):	27.0-46.49	11/30/2005	--	--	27.74	3,354.25	25.41
Casing Stickup (feet):	2.33	1/19/2006	--	--	27.76	3,354.23	25.43
Ground Elevation AMSL (feet)	3,379.66	6/26/2006	--	--	28.15	3,353.84	25.82
TOC Elevation AMSL (feet)	3,381.99	12/4/2006	--	--	27.81	3,354.18	25.48
Notes:		6/6/2007	--	--	27.26	3,354.73	24.93
		12/3/2007	--	--	27.61	3,354.38	25.28
		6/25/2008	--	--	28.33	3,353.66	26.00
		11/24/2008	--	--	28.59	3,353.40	26.26
		3/23/2009	--	--	28.68	3,353.31	26.35
		10/12/2009	--	--	28.92	3,353.07	26.59
		6/21/2010	--	--	29.22	3,352.77	26.89
		11/10/2010	--	--	28.47	3,353.52	26.14
		6/21/2011	--	--	28.98	3,353.01	26.65
		11/28/2011	--	--	29.23	3,352.76	26.90
		6/18/2012	--	--	29.40	3,352.59	27.07
		12/3/2012	--	--	--	--	--
		5/15/2013	--	--	31.94	3,350.05	29.61
		10/1/2013	--	--	32.01	3,349.98	29.68
		11/18/2013	--	--	31.83	3,350.16	29.50
		6/20/2014	--	--	31.91	3,350.08	29.58
		9/18/2014	--	--	31.97	3,350.02	29.64
		12/17/2014	--	--	36.63	3,345.36	34.30
		5/11/2015	--	--	31.10	3,350.89	28.77
		11/9/2015	--	--	31.01	3,350.98	28.68
		4/4/2016	--	--	30.22	3,351.77	27.89
		4/25/2016	--	--	30.18	3,351.81	27.85
		11/7/2016	--	--	29.81	3,352.18	27.48
		5/23/2017	--	--	29.77	3,352.22	27.44
		11/28/2017	--	--	29.18	3,352.81	26.85
		6/13/2018	--	--	29.87	3,352.12	27.54
		4/1/2019	--	--	29.91	3,352.08	27.58
		8/17/2020	--	--	30.64	3,351.35	28.31
		10/25/2021	--	--	31.12	3,350.87	28.79
		3/28/2022	--	--	31.29	3,350.70	28.96
		6/20/2023	--	--	30.02	3,351.97	27.69

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-15		6/12/2003	--	--	38.73	3,357.88	36.79
Date Drilled:	6/4/2003	11/11/2003	--	--	37.05	3,359.56	35.11
Drilled Depth BGS (feet):	45	5/24/2004	--	--	36.81	3,359.80	34.87
Well Depth from TOC (feet):	46.94	11/8/2004	--	--	36.55	3,360.06	34.61
Well Diameter (inches):	2	5/24/2005	--	--	36.08	3,360.53	34.14
Screen Interval BGS (feet):	25.0-44.49	11/30/2005	--	--	36.01	3,360.60	34.07
Casing Stickup (feet):	1.94	1/19/2006	--	--	35.96	3,360.65	34.02
Ground Elevation AMSL (feet)	3,394.67	6/26/2006	--	--	35.93	3,360.68	33.99
TOC Elevation AMSL (feet)	3,396.61	12/4/2006	--	--	35.80	3,360.81	33.86
Notes:		6/6/2007	--	--	35.76	3,360.85	33.82
		12/3/2007	--	--	35.72	3,360.89	33.78
		6/25/2008	--	--	35.77	3,360.84	33.83
		11/24/2008	--	--	35.75	3,360.86	33.81
		3/23/2009	--	--	35.76	3,360.85	33.82
		10/12/2009	--	--	35.85	3,360.76	33.91
		6/21/2010	--	--	35.89	3,360.72	33.95
		11/10/2010	--	--	35.74	3,360.87	33.80
		6/22/2011	--	--	35.79	3,360.82	33.85
		11/28/2011	--	--	35.86	3,360.75	33.92
		6/18/2012	--	--	35.86	3,360.75	33.92
		12/3/2012	--	--	37.87	3,358.74	35.93
		5/15/2013	--	--	37.94	3,358.67	36.00
		10/1/2013	--	--	38.03	3,358.58	36.09
		11/18/2013	--	--	37.98	3,358.63	36.04
		6/20/2014	--	--	38.01	3,358.60	36.07
		12/18/2014	37.74	0.01	37.75	3,358.87	35.80
		5/11/2015	--	--	37.97	3,358.64	36.03
		11/9/2015	--	--	37.94	3,358.67	36.00
		4/4/2016	--	--	37.60	3,359.01	35.66
		4/25/2016	--	--	37.57	3,359.04	35.63
		11/7/2016	--	--	37.53	3,359.08	35.59
		5/23/2017	--	--	37.40	3,359.21	35.46
		11/28/2017	--	--	37.29	3,359.32	35.35
		6/13/2018	--	--	37.22	3,359.39	35.28
		4/1/2019	--	--	37.09	3,359.52	35.15
		8/17/2020	--	--	37.22	3,359.39	35.28
		10/25/2021	--	--	37.24	3,359.37	35.30
		3/28/2022	--	--	37.24	3,359.37	35.30
		6/20/2023	--	--	37.02	3,359.59	35.08

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-16		6/12/2003	--	--	41.25	3,363.26	39.22
Date Drilled:	6/4/2003	11/11/2003	--	--	39.81	3,364.70	37.78
Drilled Depth BGS (feet):	45	5/24/2004	--	--	39.45	3,365.06	37.42
Well Depth from TOC (feet):	47.03	11/8/2004	--	--	39.48	3,365.03	37.45
Well Diameter (inches):	2	5/24/2005	--	--	38.97	3,365.54	36.94
Screen Interval BGS (feet):	25.00-44.49	11/30/2005	--	--	38.93	3,365.58	36.90
Casing Stickup (feet):	2.03	1/19/2006	--	--	38.82	3,365.69	36.79
Ground Elevation AMSL (feet)	3,402.48	6/26/2006	--	--	38.86	3,365.65	36.83
TOC Elevation AMSL (feet)	3,404.51	12/4/2006	--	--	38.70	3,365.81	36.67
Notes:		6/6/2007	--	--	38.61	3,365.90	36.58
		12/3/2007	--	--	38.65	3,365.86	36.62
		6/25/2008	--	--	38.54	3,365.97	36.51
		11/24/2008	--	--	38.59	3,365.92	36.56
		3/23/2009	--	--	38.45	3,366.06	36.42
		10/12/2009	--	--	38.60	3,365.91	36.57
		6/21/2010	--	--	38.60	3,365.91	36.57
		11/10/2010	--	--	38.56	3,365.95	36.53
		6/21/2011	--	--	38.41	3,366.10	36.38
		11/28/2011	--	--	38.48	3,366.03	36.45
		6/18/2012	--	--	38.49	3,366.02	36.46
		12/3/2012	--	--	40.62	3,363.89	38.59
		5/15/2013	--	--	40.67	3,363.84	38.64
		10/1/2013	--	--	11.52	3,392.99	9.49
		11/18/2013	--	--	40.80	3,363.71	38.77
		6/20/2014	--	--	40.83	3,363.68	38.80
		12/17/2014	--	--	40.66	3,363.85	38.63
		5/11/2015	--	--	40.85	3,363.66	38.82
		11/9/2015	--	--	40.80	3,363.71	38.77
		4/4/2016	--	--	40.52	3,363.99	38.49
		4/25/2016	--	--	40.43	3,364.08	38.40
		11/7/2016	--	--	40.45	3,364.06	38.42
		5/23/2017	--	--	40.30	3,364.21	38.27
		11/28/2017	--	--	40.19	3,364.32	38.16
		6/15/2018	--	--	40.13	3,364.38	38.10
		1/4/2019	--	--	40.01	3,364.50	37.98
		8/17/2020	--	--	39.99	3,364.52	37.96
		10/25/2021	--	--	39.88	3,364.63	37.85
		3/28/2022	--	--	39.84	3,364.67	37.81
		6/20/2023	--	--	39.72	3,364.79	37.69

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-17		1/19/2006	--	--	Dry	--	--
Date Drilled:	12/19/2005	4/15/2015			Well Plugged		
Drilled Depth BGS (feet):	35						
Well Depth from TOC (feet):	37.02						
Well Diameter (inches):	2						
Screen Interval BGS (feet):	19.49-34.49						
Casing Stickup (feet):	2.02						
Ground Elevation AMSL (feet)	3,372.62						
TOC Elevation AMSL (feet)	3,374.64						
Notes:							
MW-18		1/19/2006	--	--	26.06	3,349.11	23.91
Date Drilled:	12/19/2005	6/26/2006	--	--	26.54	3,348.63	24.39
Drilled Depth BGS (feet):	35	12/4/2006	--	--	26.44	3,348.73	24.29
Well Depth from TOC (feet):	37.15	6/7/2007	--	--	26.15	3,349.02	24.00
Well Diameter (inches):	2	12/3/2007	--	--	26.43	3,348.74	24.28
Screen Interval BGS (feet):	19.49-34.49	6/25/2008	--	--	26.87	3,348.30	24.72
Casing Stickup (feet):	2.15	11/24/2008	--	--	26.93	3,348.24	24.78
Ground Elevation AMSL (feet)	3,373.02	3/23/2009	--	--	27.03	3,348.14	24.88
TOC Elevation AMSL (feet)	3,375.17	10/12/2009	--	--	27.34	3,347.83	25.19
Notes:		6/21/2010	--	--	27.39	3,347.78	25.24
		11/10/2010	--	--	27.03	3,348.14	24.88
		6/22/2011	--	--	27.42	3,347.75	25.27
		11/28/2011	--	--	27.50	3,347.67	25.35
		6/18/2012	--	--	27.58	3,347.59	25.43
		12/3/2012	--	--	29.82	3,345.35	27.67
		5/15/2013	--	--	--	--	--
		10/2/2013	--	--	30.09	3,345.08	27.94
		11/18/2013	--	--	29.82	3,345.35	27.67
		6/20/2014	--	--	29.69	3,345.48	27.54
		12/19/2014	--	--	28.95	3,346.22	26.80
		5/11/2015	--	--	28.79	3,346.38	26.64
		11/9/2015	--	--	28.81	3,346.36	26.66
		4/4/2016	--	--	28.45	3,346.72	26.30
		4/25/2016	--	--	28.40	3,346.77	26.25
		11/7/2016	--	--	28.34	3,346.83	26.19
		5/23/2017	--	--	28.27	3,346.90	26.12
		11/28/2017	--	--	28.35	3,346.82	26.20
		6/13/2018	--	--	28.72	3,346.45	26.57
		4/1/2019	--	--	28.64	3,346.53	26.49
		8/17/2020	--	--	29.19	3,345.98	27.04
		10/25/2021	--	--	29.43	3,345.74	27.28
		3/28/2022	--	--	29.56	3,345.61	27.41
		6/20/2023	--	--	29.35	3,345.82	27.20

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-19		11/30/2005	--	--	29.36	3,351.65	26.90
Date Drilled:	10/31/2005	1/19/2006	--	--	29.27	3,351.74	26.81
Drilled Depth BGS (feet):	38	6/26/2006	--	--	29.08	3,351.93	26.62
Well Depth from TOC (feet):	40.46	12/4/2006	--	--	29.31	3,351.70	26.85
Well Diameter (inches):	2	6/6/2007	--	--	29.25	3,351.76	26.79
Screen Interval BGS (feet):	23.0-37.49	12/3/2007	--	--	29.19	3,351.82	26.73
Casing Stickup (feet):	2.46	6/25/2008	--	--	29.39	3,351.62	26.93
Ground Elevation AMSL (feet)	3,378.55	11/24/2008	--	--	29.55	3,351.46	27.09
TOC Elevation AMSL (feet)	3,381.01	3/23/2009	--	--	29.55	3,351.46	27.09
Notes:		10/12/2009	--	--	29.76	3,351.25	27.30
		6/21/2010	--	--	29.85	3,351.16	27.39
		11/10/2010	--	--	29.73	3,351.28	27.27
		6/22/2011	--	--	29.77	3,351.24	27.31
		11/28/2011	--	--	29.87	3,351.14	27.41
		6/18/2012	--	--	30.06	3,350.95	27.60
		12/3/2012	--	--	32.45	3,348.56	29.99
		5/15/2013	--	--	--	--	--
		10/2/2013	--	--	32.64	3,348.37	30.18
		11/18/2013	--	--	32.61	3,348.40	30.15
		6/20/2014	--	--	32.44	3,348.57	29.98
		9/18/2014	--	--	32.58	3,348.43	30.12
		12/22/2014	--	--	32.15	3,348.86	29.69
		5/11/2015	--	--	32.03	3,348.98	29.57
		11/9/2015	--	--	32.05	3,348.96	29.59
		4/4/2016	--	--	31.86	3,349.15	29.40
		4/25/2016	--	--	31.81	3,349.20	29.35
		11/7/2016	--	--	31.79	3,349.22	29.33
		5/23/2017	--	--	31.59	3,349.42	29.13
		11/28/2017	--	--	31.52	3,349.49	29.06
		6/13/2018	--	--	31.46	3,349.55	29.00
		4/1/2019	--	--	31.46	3,349.55	29.00
		8/17/2020	--	--	31.94	3,349.07	29.48
		10/25/2021	--	--	32.09	3,348.92	29.63
		3/28/2022	--	--	32.19	3,348.82	29.73
		6/20/2023	--	--	31.88	3,349.13	29.42
MW-20		11/30/2005	--	--	36.16	3,353.93	33.75
Date Drilled:	10/31/2005	1/19/2006	--	--	36.06	3,354.03	33.65
Drilled Depth BGS (feet):	48	6/26/2006	--	--	35.89	3,354.20	33.48
Well Depth from TOC (feet):	50.41	12/4/2006	--	--	35.87	3,354.22	33.46
Well Diameter (inches):	2	6/6/2007	--	--	35.79	3,354.30	33.38
Screen Interval BGS (feet):	33.0-47.41	12/3/2007	--	--	35.66	3,354.43	33.25
Casing Stickup (feet):	2.41	6/25/2008	--	--	35.80	3,354.29	33.39
Ground Elevation AMSL (feet)	3,387.68	11/24/2008	--	--	35.92	3,354.17	33.51
TOC Elevation AMSL (feet)	3,390.09	3/23/2009	--	--	35.92	3,354.17	33.51
Notes:		10/12/2009	--	--	36.09	3,354.00	33.68
		6/21/2010	--	--	36.23	3,353.86	33.82
		11/10/2010	--	--	36.02	3,354.07	33.61
		6/22/2011	--	--	36.13	3,353.96	33.72
		11/28/2011	--	--	36.26	3,353.83	33.85
		6/18/2012	--	--	36.30	3,353.79	33.89
		12/3/2012	--	--	38.83	3,351.26	36.42
		5/15/2013	--	--	--	--	--
		10/2/2013	--	--	39.02	3,351.07	36.61
		11/18/2013	--	--	38.91	3,351.18	36.50
		12/22/2014	--	--	39.39	3,350.70	36.98
		5/11/2015	--	--	38.34	3,351.75	35.93
		11/9/2015	--	--	38.38	3,351.71	35.97
		4/4/2016	--	--	38.13	3,351.96	35.72
		4/25/2016	--	--	38.06	3,352.03	35.65
		11/7/2016	--	--	37.96	3,352.13	35.55
		5/23/2017	--	--	37.77	3,352.32	35.36
		11/28/2017	--	--	37.59	3,352.50	35.18
		6/13/2018	--	--	37.51	3,352.58	35.10
		4/1/2019	--	--	NR	NR	NR
		8/17/2020	--	--	37.86	3,352.23	35.45
		10/25/2021	--	--	38.05	3,352.04	35.64
		3/28/2022	--	--	38.21	3,351.88	48.84
		6/20/2023	--	--	37.54	3,352.55	48.84

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-21		3/23/2009	--	--	31.75	3,356.25	29.57
Date Drilled:	2/19/2009	10/12/2009	--	--	31.96	3,356.04	29.78
Drilled Depth BGS (feet):	45	6/21/2010	--	--	32.43	3,355.57	30.25
Well Depth from TOC (feet):	47.18	11/10/2010	--	--	31.02	3,356.98	28.84
Well Diameter (inches):	2	6/21/2011	--	--	32.21	3,355.79	30.03
Screen Interval BGS (feet):	25-45	11/28/2011	--	--	32.56	3,355.44	30.38
Casing Stickup (feet):	2.18	6/18/2012	--	--	32.03	3,355.97	29.85
Ground Elevation AMSL (feet)	3,385.82	12/3/2012	--	--	35.14	3,352.86	32.96
TOC Elevation AMSL (feet)	3,388.00	5/15/2013	--	--	35.28	3,352.72	33.10
Notes:		10/2/2013	--	--	38.48	3,349.52	36.30
		11/18/213	--	--	34.14	3,353.86	31.96
		12/18/2014	--	--	33.25	3,354.75	31.07
		5/11/2015	--	--	34.32	3,353.68	32.14
		11/9/2015	--	--	31.92	3,356.08	29.74
		4/4/2016	--	--	33.04	3,354.96	30.86
		4/25/2016	--	--	33.12	3,354.88	30.94
		11/7/2016	--	--	31.20	3,356.80	29.02
		5/23/2017	--	--	31.73	3,356.27	29.55
		11/28/2017	--	--	31.46	3,356.54	29.28
		6/15/2018	--	--	31.97	3,356.03	29.79
		4/1/2019	--	--	32.51	3,355.49	30.33
		8/17/2020	--	--	32.66	3,355.34	30.48
		10/25/2021	--	--	34.18	3,353.82	32.00
		3/28/2022	--	--	34.38	3,353.62	32.20
		6/20/2023	--	--	28.40	3,359.60	26.22
MW-22		3/19/2010	29.47	2.85	32.32	3,371.79	27.16
Date Drilled:	3/8/2010	6/21/2010	25.94	2.85	28.79	3,375.32	23.63
Drilled Depth BGS (feet):	32	11/10/2010	26.14	2.85	28.99	3,375.12	23.82
Well Depth from TOC (feet):	35.17	6/22/2011	29.91	0.53	30.44	3,372.04	26.90
Well Diameter (inches):	2	11/28/2011	29.92	1.48	31.40	3,371.75	27.19
Screen Interval BGS (feet):	21.5-31	6/25/2012	27.65	3.98	31.63	3,373.27	25.67
Casing Stickup (feet):	3.17	12/3/2012	--	--	--	--	--
Ground Elevation AMSL (feet)	3,398.94	5/15/2013	30.68	3.85	34.53	3,370.28	28.67
TOC Elevation AMSL (feet)	3,402.11	10/2/2013	30.85	4.32	35.17	3,369.96	28.98
Notes:		11/18/2013	30.81	4.04	34.85	3,370.09	28.85
		02/11/2014	30.83	3.75	34.58	3,370.16	28.78
		6/20/2014	30.91	3.70	34.61	3,370.09	28.85
		9/19/2014	30.65	3.87	34.52	3,370.30	28.64
		12/22/2014	29.71	0.88	30.59	3,372.14	26.80
		5/11/2015	30.51	3.38	33.89	3,370.59	28.35
		11/9/2015	30.37	3.38	33.75	3,370.73	28.21
		4/4/2016	29.63	1.02	30.65	3,372.17	26.77
		4/25/2016	29.55	1.08	30.63	3,372.24	26.70
		11/7/2016	29.6	1.06	30.66	3,372.19	26.75
		5/23/2017	29.73	1.67	31.40	3,371.88	27.06
		11/28/2017	--	--	29.13	3,372.98	25.96
		6/13/2018	29.51	2.64	32.15	3,371.81	27.13
		4/1/2019	29.81	3.96	33.77	3,371.11	27.83
		7/29/2019	29.98	4.26	34.24	3,370.85	28.09
		8/17/2020	30.27	4.40	34.67	3,370.52	28.42
		10/25/2021	30.09	3.72	33.81	3,370.90	28.04
		3/28/2022	29.99	3.22	33.21	3,371.15	27.79
		6/20/2023	28.45	0.08	28.53	3,373.64	25.30

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-23		3/19/2010	--	--	19.68	3,372.37	16.84
Date Drilled:	3/9/2010	6/21/2010	--	--	20.33	3,371.72	17.49
Drilled Depth BGS (feet):	31	11/10/2010	--	--	19.34	3,372.71	16.50
Well Depth from TOC (feet):	33.84	6/21/2011	--	--	20.54	3,371.51	17.70
Well Diameter (inches):	2	11/28/2011	--	--	20.57	3,371.48	17.73
Screen Interval BGS (feet):	20.5-30.5	6/18/2012	--	--	20.96	3,371.09	18.12
Casing Stickup (feet):	2.84	12/3/2012	--	--	24.07	3,367.98	21.23
Ground Elevation AMSL (feet)	3,389.21	5/15/2013	Sheen	--	24.46	3,367.59	21.62
TOC Elevation AMSL (feet)	3,392.05	10/2/2013	--	--	25.16	3,366.89	22.32
Notes:		11/18/2013	--	--	24.36	3,367.69	21.52
		6/20/2014	--	--	24.96	3,367.09	22.12
		12/17/2014	22.46	0.01	22.47	3,369.59	19.62
		5/11/2015	--	--	23.76	3,368.29	20.92
		11/9/2015	--	--	22.91	3,369.14	20.07
		4/4/2016	--	--	22.18	3,369.87	19.34
		4/25/2016	--	--	22.12	3,369.93	19.28
		11/7/2016	--	--	21.86	3,370.19	19.02
		5/23/2017	--	--	21.85	3,370.20	19.01
		11/28/2017	--	--	21.56	3,370.49	18.72
		6/13/2018	--	--	22.91	3,369.14	20.07
		4/1/2019	--	--	21.79	3,370.26	18.95
		7/29/2019	--	--	22.97	3,369.08	20.13
		8/17/2020	--	--	24.20	3,367.85	21.36
		10/25/2021	--	--	24.81	3,367.24	21.97
		3/28/2022	--	--	25.46	3,366.59	22.62
		6/20/2023	--	--	23.91	3,368.14	21.07
MW-24		5/27/2010	--	--	30.06	3,373.46	27.52
Date Drilled:	5/21/2010	6/21/2010	--	--	30.09	3,373.43	27.55
Drilled Depth BGS (feet):	35	11/10/2010	--	--	29.56	3,373.96	27.02
Well Depth from TOC (feet):	37.54	6/22/2011	--	--	29.79	3,373.73	27.25
Well Diameter (inches):	2	11/28/2011	--	--	30.11	3,373.41	27.57
Screen Interval BGS (feet):	19.5-34.5	6/18/2012	--	--	30.34	3,373.18	27.80
Casing Stickup (feet):	2.54	12/3/2012	--	--	32.88	3,370.64	30.34
Ground Elevation AMSL (feet)	3,400.98	5/15/2013	--	--	33.02	3,370.50	30.48
TOC Elevation AMSL (feet)	3,403.52	10/2/2013	--	--	33.25	3,370.27	30.71
Notes:		11/18/2013	--	--	33.27	3,370.25	30.73
		6/20/2014	--	--	33.45	3,370.07	30.91
		9/18/2014	--	--	34.24	3,369.28	31.70
		12/22/2014	33.24	0.01	33.25	3,370.28	30.70
		5/11/2015	--	--	33.21	3,370.31	30.67
		11/9/2015	--	--	33.49	3,370.03	30.95
		4/4/2016	--	--	32.11	3,371.41	29.57
		4/25/2016	--	--	32.02	3,371.50	29.48
		11/7/2016	--	--	31.93	3,371.59	29.39
		5/23/2017	--	--	31.83	3,371.69	29.29
		11/28/2017	--	--	31.88	3,371.64	29.34
		6/13/2018	--	--	32.08	3,371.44	29.54
		4/1/2019	--	--	32.29	3,371.23	29.75
		7/29/2019	--	--	32.46	3,371.06	29.92
		8/17/2020	--	--	32.78	3,370.74	30.24
		10/25/2021	--	--	32.58	3,370.94	30.04
		3/28/2022	--	--	32.38	3,371.14	29.84
		6/20/2023	--	--	31.14	3,372.38	28.60

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-25		5/27/2010	--	--	33.02	3,372.40	30.88
Date Drilled:	5/21/2010	6/21/2010	--	--	33.05	3,372.37	30.91
Drilled Depth BGS (feet):	36	11/10/2010	--	--	32.83	3,372.59	30.69
Well Depth from TOC (feet):	38.14	6/22/2011	--	--	32.79	3,372.63	30.65
Well Diameter (inches):	2	11/28/2011	--	--	33.05	3,372.37	30.91
Screen Interval BGS (feet):	20.5-35.5	6/18/2012	--	--	33.30	3,372.12	31.16
Casing Stickup (feet):	2.14	12/3/2012	--	--	35.57	3,369.85	33.43
Ground Elevation AMSL (feet)	3,403.28	5/15/2013	--	--	35.59	3,369.83	33.45
TOC Elevation AMSL (feet)	3,405.42	10/2/2013	--	--	35.92	3,369.50	33.78
Notes:		11/18/2013	--	--	35.96	3,369.46	33.82
		6/20/2014	--	--	36.21	3,369.21	34.07
		12/19/2014	--	--	36.35	3,369.07	34.21
		5/11/2015	--	--	36.15	3,369.27	34.01
		11/9/2015	--	--	36.20	3,369.22	34.06
		4/4/2016	--	--	35.07	3,370.35	32.93
		4/25/2016	--	--	35.01	3,370.41	32.87
		11/7/2016	--	--	35.05	3,370.37	32.91
		5/23/2017	--	--	34.90	3,370.52	32.76
		11/28/2017	--	--	34.89	3,370.53	32.75
		6/13/2018	--	--	35.07	3,370.35	32.93
		4/1/2019	--	--	34.03	3,371.39	31.89
		7/29/2019	--	--	35.24	3,370.18	33.10
		8/17/2020	--	--	34.91	3,370.51	32.77
		10/25/2021	--	--	34.43	3,370.99	32.29
		3/28/2022	--	--	34.50	3,370.92	32.36
		6/20/2023	--	--	32.98	3,372.44	30.84
MW-26		5/27/2010	--	--	31.39	3,372.20	28.60
Date Drilled:	5/24/2010	6/21/2010	--	--	31.43	3,372.16	28.64
Drilled Depth BGS (feet):	34	11/10/2010	--	--	31.03	3,372.56	28.24
Well Depth from TOC (feet):	36.79	6/22/2011	--	--	31.21	3,372.38	28.42
Well Diameter (inches):	2	11/28/2011	--	--	31.49	3,372.10	28.70
Screen Interval BGS (feet):	18.5-33.5	6/18/2012	--	--	31.77	3,371.82	28.98
Casing Stickup (feet):	2.79	12/3/2012	--	--	34.32	3,369.27	31.53
Ground Elevation AMSL (feet)	3,400.80	5/15/2013	--	--	34.50	3,369.09	31.71
TOC Elevation AMSL (feet)	3,403.59	10/2/2013	--	--	34.77	3,368.82	31.98
Notes:		11/18/2013	--	--	34.08	3,369.51	31.29
		6/20/2014	--	--	35.04	3,368.55	32.25
		9/18/2014	--	--	32.14	3,371.45	29.35
		12/22/2014	34.33	0.01	34.34	3,369.26	31.54
		5/11/2015	--	--	34.44	3,369.15	31.65
		11/9/2015	--	--	34.55	3,369.04	31.76
		4/4/2016	--	--	33.93	3,369.66	31.14
		4/25/2016	--	--	33.85	3,369.74	31.06
		11/7/2016	--	--	33.72	3,369.87	30.93
		5/23/2017	--	--	33.61	3,369.98	30.82
		11/28/2017	--	--	33.49	3,370.10	30.70
		6/13/2018	--	--	33.76	3,369.83	30.97
		4/1/2019	--	--	33.71	3,369.88	30.92
		7/29/2019	--	--	33.93	3,369.66	31.14
		8/17/2020	--	--	33.57	3,370.02	30.78
		10/25/2021	--	--	32.30	3,371.29	29.51
		3/28/2022	--	--	32.39	3,371.20	29.60
		6/20/2023	--	--	29.61	3,373.98	26.82

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-27		6/22/2011	28.55	1.09	29.64	3,371.24	26.86
Date Drilled:	2/4/2011	11/28/2011	26.31	3.47	29.78	3,372.77	25.33
Drilled Depth BGS (feet):	36.5	6/25/2012	26.74	3.24	29.98	3,372.41	25.69
Well Depth from TOC (feet):	38.49	12/3/2012	--	--	--	--	--
Well Diameter (inches):	2	5/15/2013	28.96	2.73	31.69	3,370.34	27.76
Screen Interval BGS (feet):	16.5-36.5	10/2/2013	29.20	2.60	31.80	3,370.14	27.96
Casing Stickup (feet):	1.99	11/18/2013	29.27	2.68	31.95	3,370.05	28.05
Ground Elevation AMSL (feet)	3,398.10	02/11/2014	29.35	2.60	31.95	3,369.99	28.11
TOC Elevation AMSL (feet)	3,400.12	6/20/2014	29.51	0.08	29.59	3,370.59	27.51
Notes:		8/27/2014	29.59	2.24	31.83	3,369.86	28.24
		9/18/2014	29.61	1.96	31.57	3,369.92	28.18
		12/19/2014	29.1	1.49	30.59	3,370.57	27.53
		5/11/2015	29.09	0.70	29.79	3,370.82	27.28
		11/9/2015	29.02	0.74	29.76	3,370.88	27.22
		4/4/2016	--	--	28.80	3,371.32	26.78
		4/25/2016	Sheen	--	28.75	3,371.37	26.73
		11/7/2016	--	--	29.53	3,370.59	27.51
		5/23/2017	--	--	28.54	3,371.58	26.52
		11/28/2017	--	--	28.36	3,371.76	26.34
		6/13/2018	--	--	28.51	3,371.61	26.49
		4/1/2019	--	--	28.74	3,371.38	26.72
		7/29/2019	--	--	28.89	3,371.23	26.87
		8/17/2020	28.81	2.37	31.18	3,370.60	27.50
		10/25/2021	29.07	2.42	31.49	3,370.32	27.78
		3/28/2022	29.06	2.11	31.17	3,370.43	27.67
		6/20/2023	28.76	0.70	29.46	3,371.15	26.95
MW-28		6/22/2011	26.59	0.03	26.62	3,373.51	23.69
Date Drilled:	2/7/2011	11/28/2011	--	--	27.05	3,373.06	24.14
Drilled Depth BGS (feet):	33.5	6/18/2012	--	--	27.40	3,372.71	24.49
Well Depth from TOC (feet):	36.41	12/3/2012	--	--	30.53	3,369.58	27.62
Well Diameter (inches):	2	5/15/2013	--	--	30.78	3,369.33	27.87
Screen Interval BGS (feet):	18.5-33.5	10/2/2013	--	--	31.10	3,369.01	28.19
Casing Stickup (feet):	2.91	11/18/2013	--	--	31.06	3,369.05	28.15
Ground Elevation AMSL (feet)	3,397.20	6/20/2014	--	--	31.21	3,368.90	28.30
TOC Elevation AMSL (feet)	3,400.11	8/27/2014	31.31	0.01	31.32	3,368.80	28.40
Notes:		9/18/2014	31.34	0.01	31.35	3,368.77	28.43
		12/22/2014	28.56	0.01	28.57	3,371.55	25.65
		5/11/2015	--	--	30.16	3,369.95	27.25
		11/9/2015	--	--	30.37	3,369.74	27.46
		4/4/2016	--	--	29.16	3,370.95	26.25
		4/25/2016	--	--	29.10	3,371.01	26.19
		11/7/2016	--	--	28.72	3,371.39	25.81
		5/23/2017	--	--	30.24	3,369.87	27.33
		11/28/2017	--	--	29.75	3,370.36	26.84
		6/13/2018	--	--	30.73	3,369.38	27.82
		4/1/2019	--	--	31.09	3,369.02	28.18
		7/29/2019	--	--	31.33	3,368.78	28.42
		8/17/2020	--	--	31.74	3,368.37	28.83
		10/25/2021	--	--	31.59	3,368.52	28.68
		3/28/2022	--	--	31.11	3,369.00	28.20
		6/20/2023	--	--	27.05	3,373.06	24.14

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-29		6/21/2011	23.84	1.03	24.87	3,368.03	21.27
Date Drilled:	3/9/2011	11/28/2011	24.25	1.08	25.33	3,367.61	21.69
Drilled Depth BGS (feet):	26	6/18/2012	24.37	0.97	25.34	3,367.52	21.78
Well Depth from TOC (feet):	28.88	12/3/2012	27.77	0.53	28.30	3,364.25	25.05
Well Diameter (inches):	2	5/15/2013	27.90	0.34	28.24	3,364.18	25.12
Screen Interval BGS (feet):	--	10/2/2013	28.13	0.10	28.23	3,364.02	25.28
Casing Stickup (feet):	2.88	11/18/2013	28.16	0.07	28.23	3,364.00	25.30
Ground Elevation AMSL (feet)	3,389.30	02/11/2014	28.23	0.03	28.26	3,363.94	25.36
TOC Elevation AMSL (feet)	3,392.18	6/20/2014	--	--	28.33	3,363.85	25.45
Notes:		8/27/2014	28.33	0.01	28.34	3,363.85	25.45
		9/18/2014	28.36	0.33	28.69	3,363.72	25.58
		12/19/2014	28.21	0.01	28.22	3,363.97	25.33
		5/11/2015	--	--	27.43	3,364.75	24.55
		11/9/2015	26.90	0.96	27.86	3,364.99	24.31
		4/4/2016	26.10	1.84	27.94	3,365.53	23.77
		4/25/2016	25.87	2.06	27.93	3,365.69	23.61
		11/7/2016	25.67	0.53	26.20	3,366.35	22.95
		5/23/2017	--	--	25.31	3,366.87	22.43
		11/28/2017	--	--	25.12	3,367.06	22.24
		6/13/2018	--	--	25.81	3,366.37	22.93
		4/1/2019	25.59	0.01	25.60	3,366.59	22.71
		7/29/2019	--	--	26.15	3,366.03	23.27
		8/17/2020	26.88	0.01	26.89	3,365.30	24.00
		10/25/2021	Sheen	--	27.81	3,364.37	24.93
		3/28/2022	--	--	27.96	3,364.22	25.08
		6/20/2023	--	--	28.25	3,363.93	25.37
MW-30		5/11/2015	--	--	41.04	3,331.04	38.26
Date Drilled:	4/15/2015	11/9/2015	--	--	40.83	3,331.25	38.05
Drilled Depth BGS (feet):	41	4/4/2016	--	--	40.14	3,331.94	37.36
Well Depth from TOC (feet):	43.78	4/25/2016	--	--	40.04	3,332.04	37.26
Well Diameter (inches):	2	11/7/2016	--	--	39.8	3,332.28	37.02
Screen Interval BGS (feet):	20.75-40.75	5/23/2017	--	--	39.40	3,332.68	36.62
Casing Stickup (feet):	2.78	11/28/2017	--	--	39.14	3,332.94	36.36
Ground Elevation AMSL (feet)	3,369.30	6/13/2018	--	--	38.78	3,333.30	36.00
TOC Elevation AMSL (feet)	3,372.08	4/1/2019	--	--	38.71	3,333.37	35.93
Notes:		8/17/2020	--	--	39.90	3,332.18	37.12
		10/25/2021	--	--	39.88	3,332.20	37.10
		3/28/2022	--	--	40.13	3,331.95	37.35
		6/20/2023	--	--	40.75	3,331.33	37.97
MW-31		4/13/2016	--	--	45.65	3,318.35	42.95
Date Drilled:	4/12/2016	4/25/2016	--	--	48.63	3,315.37	45.93
Drilled Depth BGS (feet):	51	11/7/2016	--	--	48.5	3,315.50	45.80
Well Depth from TOC (feet):	53.7	5/23/2017	--	--	48.35	3,315.65	45.65
Well Diameter (inches):	2	11/28/2017	--	--	48.17	3,315.83	45.47
Screen Interval BGS (feet):	30.45-50.18	6/13/2018	--	--	47.91	3,316.09	45.21
Casing Stickup (feet):	2.7	4/1/2019	--	--	47.58	3,316.42	44.88
Ground Elevation AMSL (feet)	3,361.30	8/17/2020	--	--	48.72	3,315.28	46.02
TOC Elevation AMSL (feet)	3,364.00	10/25/2021	--	--	47.88	3,316.12	45.18
Notes:		3/28/2022	--	--	47.18	3,316.82	44.48
		6/20/2023	--	--	47.49	3,316.51	44.79

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-32		4/4/2016	26.88	2.55	29.43	3,371.44	27.67
Date Drilled:	8/4/2015	4/25/2016	26.80	--	29.32	3,369.76	29.34
Drilled Depth BGS (feet):	42	11/7/2016	26.84	2.58	29.42	3,371.47	27.63
Well Depth from TOC (feet):	40.22	5/23/2017	27.00	2.78	29.78	3,371.25	27.85
Well Diameter (inches):	2	11/28/2017	26.50	2.07	28.57	3,371.96	27.14
Screen Interval BGS (feet):	19.99-39.72	6/13/2018	26.92	3.49	30.41	3,371.11	27.99
Casing Stickup (feet):	-0.02	4/1/2019	27.08	4.60	31.68	3,370.62	28.48
Ground Elevation AMSL (feet)	3,399.10	7/29/2019	27.25	4.86	32.11	3,370.37	28.73
TOC Elevation AMSL (feet)	3,399.08	8/17/2020	27.52	5.08	32.6	3,370.04	29.06
Notes:		10/25/2021	27.34	3.77	31.11	3,370.61	28.49
		3/28/2022	27.24	3.31	30.55	3,370.85	28.25
		6/20/2023	--	--	25.50	3,373.58	25.52
MW-33		4/4/2016	28.81	2.09	30.90	3,370.84	29.46
Date Drilled:	11/11/2015	4/25/2016	28.72	2.28	31.00	3,370.88	29.42
Drilled Depth BGS (feet):	43	11/7/2016	28.4	3.50	31.9	3,370.83	29.47
Well Depth from TOC (feet):	39.65	5/23/2017	28.45	3.45	31.90	3,370.80	29.51
Well Diameter (inches):	2	11/28/2017	28.18	3.40	31.58	3,371.08	29.22
Screen Interval BGS (feet):	19.42-39.15	6/13/2018	28.52	3.75	32.27	3,370.64	29.67
Casing Stickup (feet):	-0.02	4/1/2019	28.51	4.73	33.24	3,370.35	29.95
Ground Elevation AMSL (feet)	3,400.30	7/29/2019	28.65	4.91	33.56	3,370.16	30.14
TOC Elevation AMSL (feet)	3,400.28	8/17/2020	28.72	5.21	33.93	3,370.00	30.30
Notes:		10/25/2021	28.34	3.97	32.31	3,370.75	29.55
		3/28/2022	28.38	3.70	32.08	3,370.79	29.51
		6/20/2023	26.41	2.30	28.71	3,373.18	27.12
MW-34		4/4/2016	28.20	1.93	30.13	3,370.79	28.71
Date Drilled:	11/12/2015	4/25/2016	27.69	3.76	31.45	3,370.75	28.75
Drilled Depth BGS (feet):	41	11/7/2016	27.44	4.61	32.05	3,370.75	28.75
Well Depth from TOC (feet):	40.11	5/23/2017	27.56	4.52	32.08	3,370.65	28.85
Well Diameter (inches):	2	11/28/2017	27.15	4.31	31.46	3,371.13	28.37
Screen Interval BGS (feet):	19.84-39.57	6/13/2018	27.64	5.02	32.66	3,370.42	29.08
Casing Stickup (feet):	0.07	4/1/2019	27.72	5.69	33.41	3,370.14	29.36
Ground Elevation AMSL (feet)	3,399.50	7/29/2019	27.92	5.75	33.67	3,369.93	29.57
TOC Elevation AMSL (feet)	3,399.57	8/17/2020	28.04	6.04	34.08	3,369.72	29.78
Notes:		10/25/2021	27.70	4.51	32.21	3,370.52	28.98
		3/28/2022	27.67	3.97	31.64	3,370.71	28.79
		6/20/2023	25.63	0.19	25.82	3,373.88	25.62

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
MW-35		4/4/2016	26.45	2.90	29.35	3,371.30	27.30
Date Drilled:	11/12/2015	4/25/2016	26.38	2.84	29.22	3,371.39	27.21
Drilled Depth BGS (feet):	42	11/7/2016	26.38	2.41	28.79	3,371.52	27.08
Well Depth from TOC (feet):	39.75	5/23/2017	26.55	3.19	29.74	3,371.11	27.49
Well Diameter (inches):	2	11/28/2017	26.13	1.99	28.12	3,371.89	26.71
Screen Interval BGS (feet):	19.48-39.21	6/13/2018	26.62	4.06	30.68	3,370.78	27.82
Casing Stickup (feet):	0.02	4/1/2019	26.69	5.46	32.15	3,370.29	28.31
Ground Elevation AMSL (feet)	3,398.60	7/29/2019	26.9	5.75	32.65	3,370.00	28.61
TOC Elevation AMSL (feet)	3,398.62	8/17/2020	27.08	6.15	33.23	3,369.70	28.91
Notes:		10/25/2021	26.84	4.54	31.38	3,370.42	28.18
		3/28/2022	26.72	4.55	31.27	3,370.54	28.07
		6/20/2023	24.46	0.38	24.84	3,374.05	24.55
MW-36		4/4/2016	--	--	26.95	3,371.30	26.90
Date Drilled:	11/17/2015	4/25/2016	--	--	26.86	3,371.39	26.81
Drilled Depth BGS (feet):	43	11/7/2016	--	--	26.65	3,371.60	26.60
Well Depth from TOC (feet):	39.48	5/23/2017	--	--	26.97	3,371.28	26.92
Well Diameter (inches):	2	11/28/2017	--	--	26.31	3,371.94	26.26
Screen Interval BGS (feet):	19.18-38.91	6/13/2018	--	--	27.42	3,370.83	27.37
Casing Stickup (feet):	0.05	4/1/2019	--	--	27.59	3,370.66	27.54
Ground Elevation AMSL (feet)	3,398.20	7/29/2019	--	--	28.03	3,370.22	27.98
TOC Elevation AMSL (feet)	3,398.25	8/17/2020	--	--	28.33	3,369.92	28.28
Notes:		10/25/2021	--	--	27.83	3,370.42	27.78
		3/28/2022	--	--	27.46	3,370.79	27.41
		6/20/2023	--	--	23.87	3,374.38	23.82
MW-37		4/4/2016	27.03	3.68	30.71	3,370.45	28.15
Date Drilled:	11/16/2015	4/25/2016	27.47	1.78	29.25	3,370.58	28.02
Drilled Depth BGS (feet):	42	11/7/2016	26.58	4.72	31.3	3,370.58	28.02
Well Depth from TOC (feet):	39.79	5/23/2017	26.65	4.93	31.58	3,370.45	28.15
Well Diameter (inches):	2	11/28/2017	26.34	4.11	30.45	3,371.01	27.59
Screen Interval BGS (feet):	19.63-39.36	6/13/2018	26.91	5.21	32.12	3,370.11	28.49
Casing Stickup (feet):	-0.02	4/1/2019	26.96	5.93	32.89	3,369.84	28.76
Ground Elevation AMSL (feet)	3,398.60	7/29/2019	27.16	6.08	33.24	3,369.60	29.00
TOC Elevation AMSL (feet)	3,398.58	8/17/2020	27.27	6.61	33.88	3,369.33	29.27
Notes:		10/25/2021	26.91	4.98	31.89	3,370.18	28.42
		3/28/2022	26.79	4.07	30.86	3,370.57	28.03
		6/20/2023	23.43	2.61	26.04	3,374.37	24.23
MW-38		4/4/2016	28.07	0.07	28.14	3,371.00	28.00
Date Drilled:	11/19/2015	4/25/2016	28.02	0.84	28.86	3,370.82	28.18
Drilled Depth BGS (feet):	43	11/7/2016	27.84	1.03	28.87	3,370.94	28.06
Well Depth from TOC (feet):	39.62	5/23/2017	27.88	1.43	29.31	3,370.78	28.22
Well Diameter (inches):	2	11/28/2017	COVER STUCK				
Screen Interval BGS (feet):	19.39-39.12	6/13/2018	27.64	3.44	31.08	3,370.42	28.58
Casing Stickup (feet):	0.09	4/1/2019	27.49	5.19	32.68	3,370.04	28.96
Ground Elevation AMSL (feet)	3,399.00	7/29/2019	27.57	5.81	33.38	3,369.78	29.22
TOC Elevation AMSL (feet)	3,399.09	8/17/2020	27.66	6.33	33.99	3,369.53	29.47
Notes:		10/25/2021	27.34	4.54	31.88	3,370.39	28.61
		3/28/2022	27.24	3.93	31.17	3,370.67	28.33
		6/20/2023	24.93	0.19	25.12	3,374.10	24.90

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
RW-1		6/22/2011	26.37	4.81	31.18	3,373.83	25.07
Date Drilled:	2/9/2011	12/2/2011	26.64	4.99	31.63	3,373.50	25.40
Drilled Depth BGS (feet):	37.5	6/18/2012	27.06	4.88	31.94	3,373.12	25.78
Well Depth from TOC (feet):	40.24	12/3/2012	--	--	--	--	--
Well Diameter (inches):	2	5/15/2013	--	--	--	--	--
Screen Interval BGS (feet):	22.5-37.5	10/2/2013	--	--	--	--	--
Casing Stickup (feet):	2.74	11/18/2013	--	--	--	--	--
Ground Elevation AMSL (feet)	3,398.90	02/11/2014	30.48	5.48	35.96	3,369.52	29.38
TOC Elevation AMSL (feet)	3,401.64	6/20/2014	30.58	5.40	35.98	3,369.44	29.46
Notes:		12/22/2014	29.26	1.04	30.30	3,372.07	26.83
		5/11/2015	29.90	2.99	32.89	3,370.84	28.06
		11/9/2015	29.73	3.88	33.61	3,370.75	28.15
		4/4/2016	29.19	2.41	31.60	3,371.73	27.17
		4/25/2016	29.17	2.35	31.52	3,371.77	27.14
		11/7/2016	29.22	2.40	31.62	3,371.70	27.20
		5/23/2017	29.30	2.74	32.04	3,371.52	27.38
		11/28/2017	28.90	2.13	31.03	3,372.10	26.80
		6/13/2018	29.07	4.00	33.07	3,371.37	27.53
		4/1/2019	29.42	4.28	33.70	3,370.94	27.96
		7/29/2019	29.56	4.60	34.16	3,370.70	28.20
		8/17/2020	29.87	4.78	34.65	3,370.34	28.56
		10/25/2021	29.75	3.47	33.22	3,370.85	28.05
		3/28/2022	29.66	3.03	32.69	3,371.07	27.83
		6/20/2023	28.32	0.39	28.71	3,373.20	25.70
VW-1		6/22/2011	--	--	--	--	--
Date Drilled:	2/4/2011	12/2/2011	--	--	--	--	--
Drilled Depth BGS (feet):	38	6/18/2012	--	--	--	--	--
Well Depth from TOC (feet):	38	12/3/2012	--	--	--	--	--
Well Diameter (inches):	2	5/15/2013	29.96	0.08	30.04	3,370.32	29.98
Screen Interval BGS (feet):	17-37	10/2/2013	30.15	0.23	30.38	3,370.08	30.22
Casing Stickup (feet):	0	11/18/2013	30.16	0.24	30.40	3,370.07	30.23
Ground Elevation AMSL (feet)	3,400.30	02/11/2014	30.21	0.33	30.54	3,369.99	30.31
TOC Elevation AMSL (feet)	3,400.30	6/20/2014	29.25	1.04	30.29	3,370.74	29.56
Notes:		12/22/2014	28.58	0.40	28.98	3,371.60	28.70
		5/11/2015	29.3	0.36	29.66	3,370.89	29.41
		11/9/2015	29.55	0.15	29.70	3,370.71	29.59
		4/4/2016	28.74	0.11	28.85	3,371.53	28.77
		4/25/2016	28.71	0.09	28.80	3,371.56	28.74
		11/7/2016	28.72	--	28.78	3,371.52	28.78
		5/23/2017	28.74	0.12	28.86	3,371.52	28.78
		11/28/2017	28.49	0.03	28.52	3,371.80	28.50
		6/13/2018	28.89	0.14	29.03	3,371.37	28.93
		4/1/2019	28.31	1.00	29.31	3,371.69	28.61
		7/29/2019	29.38	0.19	29.57	3,370.86	29.44
		8/17/2020	28.79	3.86	32.65	3,370.35	29.95
		10/25/2021	27.34	4.81	32.15	3,371.52	28.78
		3/28/2022	28.32	3.25	31.57	3,371.01	29.30
		6/20/2023	Sheen	--	27.25	3,373.05	27.25

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
VW-2		6/22/2011	--	--	--	--	--
Date Drilled:	2/8/2011	12/2/2011	--	--	--	--	--
Drilled Depth BGS (feet):	37.5	6/18/2012	--	--	--	--	--
Well Depth from TOC (feet):	37.5	12/3/2012	--	--	--	--	--
Well Diameter (inches):	2	5/15/2013	28.06	5.03	33.09	3,369.86	29.64
Screen Interval BGS (feet):	17-37	10/2/2013	28.25	5.33	33.58	3,369.58	29.92
Casing Stickup (feet):	-0.07	11/18/2013	28.26	5.37	33.63	3,369.56	29.94
Ground Elevation AMSL (feet)	3,399.50	02/11/2014	28.30	5.40	33.70	3,369.51	29.99
TOC Elevation AMSL (feet)	3,399.43	6/20/2014	--	--	28.38	3,371.05	28.45
Notes:		12/22/2014	26.99	3.13	30.12	3,371.50	28.00
		5/11/2015	27.73	3.95	31.68	3,370.52	28.99
		11/9/2015	27.73	4.48	32.21	3,370.36	29.14
		4/4/2016	27.15	2.99	30.14	3,371.38	28.12
		4/25/2016	27.12	2.95	30.07	3,371.43	28.08
		11/7/2016	27.15	3.05	30.20	3,371.37	28.13
		5/23/2017	27.27	3.16	30.43	3,371.21	28.29
		11/28/2017	26.86	2.98	29.84	3,371.68	27.82
		6/13/2018	27.15	4.04	31.19	3,371.07	28.43
		4/1/2019	27.38	4.68	32.06	3,370.65	28.85
		7/29/2019	27.54	4.90	32.44	3,370.42	29.08
		8/17/2020	27.81	4.99	32.80	3,370.12	29.38
		10/25/2021	27.69	3.52	31.21	3,370.68	28.82
		3/28/2022	27.54	3.23	30.77	3,370.92	28.58
		6/20/2023	26.16	1.07	27.23	3,372.95	26.55
VW-3		6/22/2011	--	--	--	--	--
Date Drilled:	2/8/2011	12/2/2011	--	--	--	--	--
Drilled Depth BGS (feet):	37.5	6/18/2012	--	--	--	--	--
Well Depth from TOC (feet):	37.5	12/3/2012	--	--	--	--	--
Well Diameter (inches):	2	5/15/2013	26.90	4.05	30.95	3,370.14	28.36
Screen Interval BGS (feet):	17-37	10/2/2013	27.06	4.75	31.81	3,369.77	28.74
Casing Stickup (feet):	-0.25	11/18/2013	27.00	4.73	31.73	3,369.83	28.67
Ground Elevation AMSL (feet)	3,398.50	02/11/2014	27.08	4.46	31.54	3,369.83	28.67
TOC Elevation AMSL (feet)	3,398.25	6/20/2014	--	--	27.22	3,371.03	27.47
Notes:		12/22/2014	29.78	0.01	29.79	3,368.47	30.03
		5/11/2015	26.61	1.93	28.54	3,371.06	27.44
		11/9/2015	26.38	1.87	28.25	3,371.31	27.19
		4/4/2016	25.98	0.88	26.86	3,372.01	26.49
		4/25/2016	25.95	0.92	26.87	3,372.02	26.48
		11/7/2016	25.98	1.00	26.98	3,371.97	26.53
		5/23/2017	26.06	1.88	27.94	3,371.63	26.87
		11/28/2017	25.55	0.91	26.46	3,372.43	26.07
		6/13/2018	25.73	2.98	28.71	3,371.63	26.87
		4/1/2019	26.19	3.36	29.55	3,371.05	27.45
		7/29/2019	26.33	3.84	30.17	3,370.77	27.73
		8/17/2020	26.64	4.09	30.73	3,370.38	28.12
		10/25/2021	26.55	3.16	29.71	3,370.75	27.75
		3/28/2022	26.42	2.89	29.31	3,370.96	27.54
		6/20/2023	25.15	0.49	25.64	3,372.95	25.55

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
VW-4		6/22/2011	--	--	--	--	--
Date Drilled:	2/8/2011	12/2/2011	--	--	--	--	--
Drilled Depth BGS (feet):	37.5	6/18/2012	--	--	--	--	--
Well Depth from TOC (feet):	37.5	12/3/2012	--	--	--	--	--
Well Diameter (inches):	2	5/15/2013	27.09	3.96	31.05	3,370.20	28.40
Screen Interval BGS (feet):	17-37	10/2/2013	27.25	4.41	31.66	3,369.91	28.69
Casing Stickup (feet):	-0.12	11/18/2013	27.21	4.46	31.67	3,369.93	28.67
Ground Elevation AMSL (feet)	3,398.60	02/11/2014	27.25	4.45	31.70	3,369.90	28.70
TOC Elevation AMSL (feet)	3,398.48	6/20/2014	27.39	4.55	31.94	3,369.73	28.88
Notes:		9/18/2014	26.84	2.76	29.60	3,370.81	27.79
		12/22/2014	26.45	0.01	26.46	3,372.03	26.57
		5/11/2015	26.90	2.06	28.96	3,370.96	27.64
		11/9/2015	26.82	2.98	29.80	3,370.77	27.83
		4/4/2016	26.32	1.93	28.25	3,371.58	27.02
		4/25/2016	26.30	2.02	28.32	3,371.57	27.03
		11/7/2016	26.29	2.06	28.35	3,371.57	27.03
		5/23/2017	26.35	2.40	28.75	3,371.41	27.19
		11/28/2017	26.09	1.84	27.93	3,371.84	26.76
		6/13/2018	26.07	3.86	29.93	3,371.25	27.35
		4/1/2019	26.31	4.14	30.45	3,370.93	27.67
		7/29/2019	26.43	4.46	30.89	3,370.71	27.89
		8/17/2020	26.80	4.51	31.31	3,370.33	28.27
		10/25/2021	26.97	3.40	30.37	3,370.49	28.11
		3/28/2022	26.63	3.26	29.89	3,370.87	27.73
		6/20/2023	25.52	1.11	26.63	3,372.63	25.97
****HVR-1**		02/11/2014	28.95	4.53	33.48	3,370.79	26.11
Date Drilled:	8/16/2012	9/19/2014	29.01	4.84	33.85	3,370.64	26.26
Drilled Depth BGS (feet):	35	12/22/2014	28.15	1.56	29.71	3,372.48	24.42
Well Depth from TOC (feet):	39.2	5/11/2015	28.56	2.03	30.59	3,371.93	24.97
Well Diameter (inches):	2	11/9/2015	28.60	2.06	30.66	3,371.88	25.02
Screen Interval BGS (feet):	25-35	4/4/2016	28.09	1.04	29.13	3,372.70	24.20
Casing Stickup (feet):	4.2	4/25/2016	28.08	1.01	29.09	3,372.72	24.18
Ground Elevation AMSL (feet)	3,396.90	11/7/2016	28.00	1.02	29.02	3,372.79	24.11
TOC Elevation AMSL (feet)	3,401.10	5/23/2017	28.31	0.44	28.75	3,372.66	24.24
Notes:		11/28/2017	28.13	0.44	28.57	3,372.84	24.06
		6/13/2018	28.11	1.51	29.62	3,372.54	24.36
		4/1/2019	28.28	2.61	30.89	3,372.04	24.86
		7/29/2019	28.41	2.82	31.23	3,371.84	25.06
		8/17/2020	28.67	3.57	32.24	3,371.36	25.54
		10/25/2021	28.73	4.09	32.82	3,371.14	25.76
		3/28/2022	28.66	3.95	32.61	3,371.26	25.65
		6/20/2023	27.82	3.32	31.14	3,372.28	24.62

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		**Date Gauged**	**Depth to Product (feet TOC)**	**LNAPL Thickness (feet)**	**Depth to Water (feet TOC)**	**Corrected Groundwater Elevation (feet AMSL)**	**Depth to Corrected Groundwater (feet BGS)**
****HV-1**		02/11/2014	29.17	5.62	34.79	3,368.87	27.33
Date Drilled:	8/14/2012	9/19/2014	29.34	5.61	34.95	3,368.71	27.49
Drilled Depth BGS (feet):	39	12/22/2014	28.80	4.41	33.21	3,369.61	26.59
Well Depth from TOC (feet):	42.52	5/11/2015	28.79	9.43	38.22	3,368.11	28.09
Well Diameter (inches):	2	11/9/2015	28.79	4.27	33.06	3,369.66	26.54
Screen Interval BGS (feet):	24-39	4/4/2016	28.43	3.32	31.75	3,370.30	25.90
Casing Stickup (feet):	3.53	4/25/2016	28.38	2.91	31.29	3,370.48	25.72
Ground Elevation AMSL (feet)	3,396.20	11/7/2016	27.45	2.10	29.55	3,371.65	24.55
TOC Elevation AMSL (feet)	3,399.73	5/23/2017	27.49	2.15	29.64	3,371.60	24.60
Notes:		11/28/2017	27.47	1.73	29.20	3,371.74	24.46
		6/13/2018	27.52	2.38	29.90	3,371.50	24.70
		4/1/2019	27.82	3.09	30.91	3,370.98	25.22
		7/29/2019	27.89	3.15	31.04	3,370.90	25.30
		8/17/2020	28.15	4.23	32.38	3,370.31	25.89
		10/25/2021	28.34	4.77	33.11	3,369.96	26.24
		3/28/2022	28.31	4.70	33.01	3,370.01	26.19
		6/20/2023	27.50	2.64	30.14	3,371.44	24.76
****HV-2**		02/11/2014	28.83	1.78	30.61	3,367.94	25.96
Date Drilled:	8/14/2012	8/27/2014	29.11	1.66	30.77	3,367.69	26.21
Drilled Depth BGS (feet):	39	9/19/2014	29.11	1.71	30.82	3,367.68	26.22
Well Depth from TOC (feet):	43.25	12/18/2014	28.75	1.64	30.39	3,368.06	25.84
Well Diameter (inches):	2	5/11/2015	28.48	1.61	30.09	3,368.34	25.56
Screen Interval BGS (feet):	24-39	11/9/2015	28.40	1.51	29.91	3,368.45	25.45
Casing Stickup (feet):	3.4	4/4/2016	28.13	1.38	29.51	3,368.76	25.14
Ground Elevation AMSL (feet)	3,393.90	4/25/2016	28.05	1.26	29.31	3,368.87	25.03
TOC Elevation AMSL (feet)	3,397.30	11/7/2016	27.94	0.91	28.85	3,369.09	24.81
Notes:		5/23/2017	27.82	0.43	28.25	3,369.35	24.55
		11/28/2017	27.81	0.40	28.21	3,369.37	24.53
		6/13/2018	27.85	0.42	28.27	3,369.32	24.58
		4/1/2019	27.82	0.87	28.69	3,369.22	24.68
		7/29/2019	28.01	1.05	29.06	3,368.98	24.92
		8/17/2020	28.49	1.48	29.97	3,368.37	25.53
		10/25/2021	28.81	2.32	31.13	3,367.79	26.11
		3/28/2022	28.85	2.36	31.21	3,367.74	26.16
		6/20/2023	28.44	2.24	30.68	3,368.19	25.71
****HV-3**		02/11/2014	--	--	28.81	3,367.34	25.16
Date Drilled:	8/15/2012	8/27/2014	29.54	0.01	29.55	3,366.61	25.89
Drilled Depth BGS (feet):	39	9/19/2014	--	--	29.54	3,366.61	25.89
Well Depth from TOC (feet):	42.94	12/18/2014	--	--	28.73	3,367.42	25.08
Well Diameter (inches):	2	5/11/2015	--	--	28.21	3,367.94	24.56
Screen Interval BGS (feet):	24-39	11/9/2015	--	--	28.37	3,367.78	24.72
Casing Stickup (feet):	3.65	4/4/2016	--	--	27.73	3,368.42	24.08
Ground Elevation AMSL (feet)	3,392.50	4/25/2016	27.56	0.17	27.73	3,368.54	23.96
TOC Elevation AMSL (feet)	3,396.15	11/7/2016	27.30	0.94	28.24	3,368.57	23.93
Notes:		5/23/2017	26.79	0.76	27.55	3,369.13	23.37
		11/28/2017	26.69	0.64	27.33	3,369.27	23.23
		6/13/2018	27.11	0.71	27.82	3,368.83	23.67
		4/1/2019	26.89	0.42	27.31	3,369.13	23.37
		7/29/2019	27.59	0.22	27.81	3,368.49	24.01
		8/17/2020	28.57	0.28	28.85	3,367.50	25.00
		10/25/2021	Sheen	--	29.48	3,366.67	25.83
		3/28/2022	29.40	0.04	29.44	3,366.74	25.76
		6/20/2023	28.50	0.03	28.53	3,367.64	24.86

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
**HV-4		02/11/2014	--	--	29.56	3,366.66	26.34
Date Drilled:	8/15/2012	8/27/2014	30.22	0.01	30.23	3,366.00	27.00
Drilled Depth BGS (feet):	39	9/19/2014	--	--	30.08	3,366.14	26.86
Well Depth from TOC (feet):	43	12/19/2014	29.42	0.01	29.43	3,366.80	26.20
Well Diameter (inches):	2	5/11/2015	28.35	1.28	29.63	3,367.49	25.51
Screen Interval BGS (feet):	24-39	11/9/2015	28.06	1.92	29.98	3,367.58	25.42
Casing Stickup (feet):	3.22	4/4/2016	27.28	2.85	30.13	3,368.09	24.92
Ground Elevation AMSL (feet)	3,393.00	4/25/2016	27.08	2.84	29.92	3,368.29	24.71
TOC Elevation AMSL (feet)	3,396.22	11/7/2016	27.00	2.33	29.33	3,368.52	24.48
Notes:		5/23/2017	--	--	--	--	--
		11/28/2017	26.94	1.44	28.38	3,368.85	24.15
		6/13/2018	27.21	1.50	28.71	3,368.56	24.44
		4/1/2019	27.03	1.39	28.42	3,368.77	24.23
		7/29/2019	27.79	1.37	29.16	3,368.02	24.98
		8/17/2020	28.56	0.39	28.95	3,367.54	25.46
		10/25/2021	28.84	0.98	29.82	3,367.09	25.91
		3/28/2022	28.86	0.99	29.85	3,367.06	25.94
		6/20/2023	28.58	4.94	33.52	3,366.16	26.84
**HV-5		02/11/2014	--	--	29.70	3,365.22	26.18
Date Drilled:	8/15/2012	8/27/2014	30.33	0.02	30.35	3,364.58	26.82
Drilled Depth BGS (feet):	39	12/19/2014	29.74	1.67	31.41	3,364.68	26.72
Well Depth from TOC (feet):	42.29	5/11/2015	29.29	1.33	30.62	3,365.23	26.17
Well Diameter (inches):	2	11/9/2015	29.27	1.24	30.51	3,365.28	26.12
Screen Interval BGS (feet):	24-39	4/4/2016	28.24	0.38	28.62	3,366.57	24.83
Casing Stickup (feet):	3.52	4/25/2016	28.05	0.49	28.54	3,366.72	24.68
Ground Elevation AMSL (feet)	3,391.40	11/7/2016	27.65	0.63	28.28	3,367.08	24.32
TOC Elevation AMSL (feet)	3,394.92	5/23/2017	27.10	0.47	27.57	3,367.68	23.72
Notes:		11/28/2017	26.96	0.43	27.39	3,367.83	23.57
		6/13/2018	27.58	0.54	28.12	3,367.18	24.22
		4/1/2019	27.51	0.19	27.70	3,367.35	24.05
		7/29/2019	27.98	0.44	28.42	3,366.81	24.59
		8/17/2020	--	--	28.74	3,366.18	25.22
		10/25/2021	Sheen	--	29.51	3,365.41	25.99
		3/28/2022	Sheen	--	29.56	3,365.36	26.04
		6/20/2023	--	--	29.94	3,364.98	26.42
**HV-6		02/11/2014	--	--	27.61	3,366.80	24.40
Date Drilled:	8/15/2012	8/27/2014	29.19	0.10	29.29	3,365.19	26.01
Drilled Depth BGS (feet):	39	9/19/2014	29.05	0.00	29.05	3,365.36	25.84
Well Depth from TOC (feet):	42.61	12/18/2014	--	--	27.99	3,366.42	24.78
Well Diameter (inches):	2	5/11/2015	--	--	27.35	3,367.06	24.14
Screen Interval BGS (feet):	24-39	11/9/2015	--	--	27.55	3,366.86	24.34
Casing Stickup (feet):	3.21	4/4/2016	--	--	26.87	3,367.54	23.66
Ground Elevation AMSL (feet)	3,391.20	4/25/2016	--	--	26.67	3,367.74	23.46
TOC Elevation AMSL (feet)	3,394.41	11/7/2016	--	--	26.59	3,367.82	23.38
Notes:		5/23/2017	--	--	26.30	3,368.11	23.09
		11/28/2017	--	--	26.24	3,368.17	23.03
		6/13/2018	--	--	26.48	3,367.93	23.27
		4/1/2019	--	--	25.96	3,368.45	22.75
		7/29/2019	--	--	26.84	3,367.57	23.63
		8/17/2020	--	--	28.14	3,366.27	24.93
		10/25/2021	--	--	28.88	3,365.53	25.67
		3/28/2022	--	--	28.58	3,365.83	25.37
		6/20/2023	--	--	28.69	3,365.72	25.48
**HV-7		02/11/2014	29.97	3.34	33.31	3,364.01	27.59
Date Drilled:	8/16/2012	9/19/2014	--	--	30.29	3,364.69	26.91
Drilled Depth BGS (feet):	39	8/27/2014	30.24	3.19	33.43	3,363.78	27.82
Well Depth from TOC (feet):	43.08	12/19/2014	29.63	3.59	33.22	3,364.27	27.33
Well Diameter (inches):	2	5/11/2015	29.20	3.02	32.22	3,364.87	26.73
Screen Interval BGS (feet):	24-39	11/9/2015	29.20	2.06	31.26	3,365.16	26.44
Casing Stickup (feet):	3.38	4/4/2016	28.67	0.67	29.34	3,366.11	25.49
Ground Elevation AMSL (feet)	3,391.60	4/25/2016	28.51	0.43	28.94	3,366.34	25.26
TOC Elevation AMSL (feet)	3,394.98	11/7/2016	28.18	0.17	28.35	3,366.75	24.85
Notes:		5/23/2017	--	--	27.83	3,367.15	24.45
		11/28/2017	--	--	27.65	3,367.33	24.27
		6/13/2018	--	--	28.29	3,366.69	24.91
		4/1/2019	27.99	0.01	28.00	3,366.99	24.61
		7/29/2019	--	--	28.58	3,366.40	25.20
		8/17/2020	--	--	29.37	3,365.61	25.99
		10/25/2021	--	--	30.13	3,364.85	26.75
		3/28/2022	--	--	30.21	3,364.77	26.83
		6/20/2023	Sheen	--	30.35	3,364.63	26.97

Table 1
Summary of Monitoring Well Completion and Gauging Data
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Well Information		Groundwater Data					
Well ID		Date Gauged	Depth to Product (feet TOC)	LNAPL Thickness (feet)	Depth to Water (feet TOC)	Corrected Groundwater Elevation (feet AMSL)	Depth to Corrected Groundwater (feet BGS)
**HV-8		02/11/2014	--	--	30.13	3,364.50	26.60
Date Drilled:	8/16/2012	8/27/2014	30.45	0.01	30.46	3,364.18	26.92
Drilled Depth BGS (feet):	35	9/19/2014	--	--	30.46	3,364.17	26.93
Well Depth from TOC (feet):	38.53	12/18/2014	--	--	31.41	3,363.22	27.88
Well Diameter (inches):	2	5/11/2015	--	--	26.16	3,368.47	22.63
Screen Interval BGS (feet):	20-35	11/9/2015	--	--	28.97	3,365.66	25.44
Casing Stickup (feet):	3.53	4/4/2016	--	--	28.18	3,366.45	24.65
Ground Elevation AMSL (feet)	3,391.10	4/25/2016	--	--	27.93	3,366.70	24.40
TOC Elevation AMSL (feet)	3,394.63	11/7/2016	--	--	27.51	3,367.12	23.98
Notes:		5/23/2017	--	--	27.15	3,367.48	23.62
		11/28/2017	--	--	26.97	3,367.66	23.44
		6/13/2018	--	--	27.94	3,366.69	24.41
		4/1/2019	--	--	27.20	3,367.43	23.67
		7/29/2019	--	--	28.17	3,366.46	24.64
		8/17/2020	--	--	29.01	3,365.62	25.48
		10/25/2021	--	--	30.25	3,364.38	26.72
		3/28/2022	--	--	30.03	3,364.60	26.50
		6/20/2023	--	--	30.44	3,364.19	26.91
**HV-9		02/11/2014	--	--	28.69	3,363.54	25.26
Date Drilled:	8/16/2012	8/22/2014	--	--	dry	--	--
Drilled Depth BGS (feet):	32	12/19/2014	--	--	28.38	3,363.85	24.95
Well Depth from TOC (feet):	28.78	5/11/2015	--	--	27.95	3,364.28	24.52
Well Diameter (inches):	2	11/9/2015	--	--	27.74	3,364.49	24.31
Screen Interval BGS (feet):	20-32	4/4/2016	--	--	26.50	3,365.73	23.07
Casing Stickup (feet):	3.43	4/25/2016	26.26	0.86	27.12	3,365.71	23.09
Ground Elevation AMSL (feet)	3,388.80	11/7/2016	25.97	0.11	26.08	3,366.23	22.57
TOC Elevation AMSL (feet)	3,392.23	5/23/2017	--	--	25.30	3,366.93	21.87
Notes:		11/28/2017	--	--	25.16	3,367.07	21.73
		6/13/2018	--	--	26.02	3,366.21	22.59
		4/1/2019	25.84	0.26	26.10	3,366.31	22.49
		7/29/2019	--	--	26.28	3,365.95	22.85
		8/17/2020	--	--	27.03	3,365.20	23.60
		10/25/2021	--	--	27.98	3,364.25	24.55
		3/28/2022	--	--	28.22	3,364.01	24.79
		6/20/2023	--	--	28.77	3,363.46	25.34

Notes:
Elevations are above mean sea level (MSL) referenced to 1984 Geodetic Datum.
Groundwater elevation corrected for LNAPL thickness assuming 0.7 specific gravity
All values are in feet, unless otherwise noted.
bgs - below ground surface
TOC - top of casing
NR - Not recorded
* Well completed at grade with no casing stickup
**HV- high vacuum extraction well location
[1-] MW-5 damaged. TOC elevation resurveyed following repair (6/7/2007 & 10/25/2021).

Table 2
Summary of Apparent LNAPL Thickness In Wells
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Date	Well Designation																						
	MW-2A	MW-03	MW-22	MW-27	MW-29	MW-32 (SB-1)	MW-33 SB-3)	MW-34 (SB-4)	MW-35 (SB-5)	MW-37 (SB-7)	MW-38 (SB-8)	RW-1	VW-1	VW-2	VW-3	VW-4	HVR-1	HV-1	HV-2	HV-3	HV-4	HV-5	HV-7	HV-9
6/21/2011	--	1.59	0.53	1.09	1.03	N/I	N/I	N/I	N/I	N/I	N/I	4.81	--	--	--	--	--	--	--	--	--	--	--	--
11/28/2011	--	4.47	1.48	3.47	1.08	N/I	N/I	N/I	N/I	N/I	N/I	4.99	--	--	--	--	--	--	--	--	--	--	--	--
6/25/2012	--	1.98	3.98	3.24	0.97	N/I	N/I	N/I	N/I	N/I	N/I	4.88	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2012	--	0.74	1.16	5.49	N/G	N/I	N/I	N/I	N/I	N/I	N/I	5.06	--	--	--	--	--	--	--	--	--	--	--	--
12/3/2012	--				0.53	N/I	N/I	N/I	N/I	N/I	N/I		--	--	--	--	--	--	--	--	--	--	--	--
5/15/2013	--	0.02	3.85	2.73	0.34	N/I	N/I	N/I	N/I	N/I	N/I	--	0.08	5.03	4.05	3.96	--	--	--	--	--	--	--	--
10/1/2013	--	1.62	4.32	2.60	0.10	N/I	N/I	N/I	N/I	N/I	N/I	--	0.23	5.33	4.75	4.41	--	--	--	--	--	--	--	--
11/18/2013	--	1.87	4.04	2.68	0.07	N/I	N/I	N/I	N/I	N/I	N/I	--	0.24	5.37	4.73	4.46	--	--	--	--	--	--	--	--
2/11/2014	--	2.61	3.75	2.60	0.03	N/I	N/I	N/I	N/I	N/I	N/I	5.48	0.33	5.40	--	4.45	4.53	5.62	1.78	--	--	--	3.34	--
6/20/2014	--	3.38	3.65	0.08		N/I	N/I	N/I	N/I	N/I	N/I	5.40	--	--	--	4.55	--	--	--	--	--	--	--	--
7/22/2014	--	1.49	0.25	0.02		N/I	N/I	N/I	N/I	N/I	N/I	--	0.63	0.01	0.01	0.01	0.44	--	0.01	--	--	--	--	--
7/23/2014	--	1.49	3.55	1.73		N/I	N/I	N/I	N/I	N/I	N/I	5.73	1.10	6.40	1.40	5.35	1.24	1.24	0.82	--	--	--	--	--
8/27/2014	--				0.01	N/I	N/I	N/I	N/I	N/I	N/I	--	--	--	--	--	--	--	1.56	--	--	0.02	3.19	--
9/18/2014	--	6.51	3.89	1.99	0.33	N/I	N/I	N/I	N/I	N/I	N/I	1.13	0.48	3.55	0.76	2.77	4.84	5.61	1.71	--	--	--	--	--
10/23/2014	--	5.89	2.11	2.24		N/I	N/I	N/I	N/I	N/I	N/I	0.14	0.49	2.96	0.02	0.73	5.42	5.42	1.74	--	--	1.90	3.38	Dry
11/20/2014	--	6.29	0.84	1.99		N/I	N/I	N/I	N/I	N/I	N/I	0.28	0.49	2.27	0.01	0.43	4.79	4.79	1.60	--	--	1.89	3.59	--
12/22/2014	0.01	5.51		0.71	0.01	N/I	N/I	N/I	N/I	N/I	N/I	1.04	0.40	3.13		1.01	1.56	4.41	1.60	--	--	1.67	3.59	--
2/13/2015	0.31	5.37	2.00	0.85	--	N/I	N/I	N/I	N/I	N/I	N/I	1.36	0.41	3.54	0.09	1.60	1.70	4.39	1.48	--	1.25	1.49	5.26	Dry
3/19/2015	0.82	4.79	2.56	0.31		N/I	N/I	N/I	N/I	N/I	N/I	2.12	0.43	3.64	0.33	1.88	1.75	4.01	1.57	--	1.41	1.49	4.72	Dry
3/31/2015	1.07	5.04	2.39	0.52		N/I	N/I	N/I	N/I	N/I	N/I	2.19	0.46	3.66	0.93	1.91	4.40		1.57	--	1.21	1.34	1.91	Dry
4/9/2015	1.55	4.86	2.56	0.52	1.19	N/I	N/I	N/I	N/I	N/I	N/I	2.44	0.27	3.74	2.23	1.97	1.87	4.62	1.55	--	1.19	1.22	4.09	Dry
4/13/2015	1.82	4.90	3.01	0.61	N/G	N/I	N/I	N/I	N/I	N/I	N/I	2.60	--	3.76	1.01		1.67	4.26	1.27	--	1.20	1.21	2.03	Dry
4/29/2015	2.31	5.32	2.92	0.71	N/G	N/I	N/I	N/I	N/I	N/I	N/I	2.78	0.34	3.75	1.76	2.00	1.99	4.47	1.68	--	1.26	1.38	3.33	Dry
5/18/2015	2.57	5.23	3.10	0.69	N/G	N/I	N/I	N/I	N/I	N/I	N/I	2.56	0.37	3.87	2.15	2.45	1.98	4.39	1.69	--	1.23	1.29	2.79	Dry
6/9/2015	2.27	3.67	3.18	0.64	N/G	N/I	N/I	N/I	N/I	N/I	N/I	3.21	--	4.02	3.30	2.23	1.83	4.37	0.99	--	0.87	1.38	0.72	Dry
6/19/2015	2.54	5.03	3.29	0.65	N/G	N/I	N/I	N/I	N/I	N/I	N/I	3.37	--	4.07	2.42	2.77	2.07	4.35	1.29	--	0.74	1.49	2.21	Dry
6/29/2015	2.69	5.26	3.31	0.67	N/G	N/I	N/I	N/I	N/I	N/I	N/I	3.38	--	4.11	1.55	2.53	2.08	4.28	1.35	--	0.77	1.48	2.12	Dry
7/10/2015	2.68	5.17	3.33	0.73	N/G	N/I	N/I	N/I	N/I	N/I	N/I	3.40	--	2.38	2.43	2.35	2.05	4.35	1.32	--	0.85	1.38	2.07	Dry
7/30/2015	3.02	5.44	3.73	0.74	N/G	N/I	N/I	N/I	N/I	N/I	N/I	3.66	0.27	0.43	2.71	2.46	2.42	4.45	1.53	--	0.99	1.56	2.01	Dry
8/5/2015	N/G	5.44	3.51	0.73	N/G	2.13	N/I	N/I	N/I	N/I	N/I	3.09	--	4.17	2.62	2.76	2.35	4.35	1.45	--	0.88	1.69	4.18	Dry
8/19/2015	3.01	5.08	3.55	0.71	N/G	4.50	N/I	N/I	N/I	N/I	N/I	4.27	0.25	4.27	2.94	2.66	2.22	4.24	1.47	--	1.04	1.35	1.96	Dry
8/24/2015	3.04	5.56	3.60	0.80	N/G	4.43	N/I	N/I	N/I	N/I	N/I	3.83	0.26	4.26	3.23		2.33	4.50	1.56	--	2.71	1.55	1.92	Dry
9/8/2015	3.07	5.42	3.78	0.71	N/G	4.48	N/I	N/I	N/I	N/I	N/I	3.75	0.24	4.23	2.79	2.77	2.24	4.31	1.07	--	1.11	1.50	1.93	Dry
9/24/2015	3.43	5.75	3.63	0.84	N/G	4.51	N/I	N/I	N/I	N/I	N/I	3.88	0.25	4.46	3.10	2.94	2.52	3.49	1.66	--	1.29	0.54	1.95	Dry
10/2/2015	3.06	5.78	3.71	0.46	N/G	4.54	N/I	N/I	N/I	N/I	N/I	3.78	0.27	4.28	2.78	2.93	4.33	--	1.55	--	1.34	1.41	1.87	Dry
10/7/2015	3.21	5.81	3.84	0.75	N/G	4.69	N/I	N/I	N/I	N/I	N/I	4.08	0.26	4.95	2.93	3.03	2.34	4.45	1.61	--	1.39	1.42	1.94	Dry
10/21/2015	3.06	5.78	3.71	0.46	N/G	4.74	N/I	N/I	N/I	N/I	N/I	3.78	0.32	4.23	2.78	2.93	2.36	4.33	1.55	--	1.34	1.41	1.87	Dry
11/3/2015	2.64	5.74	4.42	0.72	N/G	4.71	N/I	N/I	N/I	N/I	N/I	3.99	0.17	4.49	1.82	2.92	2.15	4.26	1.54	--	1.66	1.38	2.04	Dry
11/9/2015	2.56	6.04	3.38	0.74	0.96	4.96	N/I	N/I	N/I	N/I	N/I	3.88	0.15	4.48	1.87	2.98	2.06	4.27	1.51	--	1.92	1.24	2.06	Dry
11/25/2015	1.89	5.45	3.04	0.48	1.08	4.51	0.21	--	4.97	0.06	0.21	3.76	0.15	4.42	1.83	2.76	1.79	4.12	1.44	--	1.73	0.74	1.87	--
12/18/2015	1.32	5.01	3.13	0.81	N/G	4.61	0.68	--	3.16	0.57	0.55	4.01	0.21	4.51	1.14	2.86	1.79	4.54	1.58	--	2.18	1.04	1.77	N/G
12/29/2015	0.71	5.41	3.11	0.46	N/G	**	0.99	--	5.03	0.73	0.62	3.60	**	**	**	**	1.72	4.16	1.43	--	2.21	1.01	2.12	N/G

Table 2
Summary of Apparent LNAPL Thickness In Wells
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Date	Well Designation																						
	MW-2A	MW-03	MW-22	MW-27	MW-29	MW-32 (SB-1)	MW-33 SB-3)	MW-34 (SB-4)	MW-35 (SB-5)	MW-37 (SB-7)	MW-38 (SB-8)	RW-1	VW-1	VW-2	VW-3	VW-4	HVR-1	HV-1	HV-2	HV-3	HV-4	HV-5	HV-7	HV-9
1/6/2016	0.93	5.15	2.86	0.40	1.41	4.19	1.04	--	4.84	1.25	0.66	3.35	0.13	4.09	1.78	2.62	1.71	3.96	1.42	--	2.01	0.94	1.50	--
1/20/2016	0.93	4.28	1.01	0.47	N/G	--	1.37	--	3.30	2.29	0.68	2.24	0.18	3.17	0.84	2.07	1.56	4.15	1.45	--	2.39	1.12	1.48	--
2/2/2016	0.93	4.52	0.33	0.38	--	2.58	1.49	--	2.96	2.59	0.84	2.09	0.09	2.66	0.76	1.44	1.27	2.67	1.51	--	2.39	0.35	1.19	0.14
2/17/2016	0.81	4.46	0.26	0.30	1.70	2.22	1.53	--	2.59	2.64	0.70	2.11	0.93	2.63	0.61	1.42	1.04	3.66	1.32	--	2.56		1.02	0.55
3/1/2016	0.84	4.20	0.82	0.22	1.77	2.36	1.88	--	2.64	2.96	0.92	2.47	0.17	2.83	0.82	1.59	1.05	3.64	1.38	--	2.72	0.33	0.99	0.79
3/10/2016	0.92	4.11	0.84	0.22	1.83	2.41	1.95	--	2.83	3.10	1.01	2.47	0.11	2.93	0.84	1.63	1.16	3.54	1.41	--	2.75	0.52	1.01	0.91
3/21/2016	0.76	3.27	0.77	0.16	1.79	2.43	1.98	0.95	2.77	3.17	0.91	2.35	0.12	2.93	0.78	1.79	1.03	3.42	1.40	--	2.81	0.37	0.78	0.78
4/4/2016	Sheen	4.04	1.02	--	1.84	2.55	2.09	1.93	2.90	3.68	0.07	2.41	0.11	2.99	0.88	1.93	1.04	3.32	1.38	--	2.85	0.38	0.67	--
4/25/2016	Sheen	3.54	1.08	--	2.06	2.52	2.28	3.76	2.84	1.78	0.84	2.35	0.09	2.95	0.92	2.02	1.01	2.91	1.26	0.17	2.84	0.49	0.43	0.86
5/4/2016	Sheen	4.19	1.14	0.02	1.83	2.59	2.38	4.53	2.85	2.36	0.89	2.45	0.13	3.02	0.98	2.10	1.01	*	1.27	0.51	2.96	0.47	0.54	0.72
5/18/2016	Sheen	3.90	0.22	--	1.75	2.63	2.62	4.69	2.87	3.31	0.88	2.40	0.12	3.02	1.03	2.16	1.01	*	1.20	1.24	2.89	0.51	0.42	0.66
6/3/2016	--	3.99	1.42	--	1.53	2.69	2.96	4.74	3.00	4.24	0.96	N/G	0.14	3.04	1.14	2.20	1.01	*	1.16	0.82	2.87	0.54	0.35	0.58
6/16/2016	--	3.86	1.57	--	1.39	1.80	4.03	4.78	3.07	4.61	0.98	2.51	0.19	3.03	1.22	2.22	1.01	*	1.11	0.83	2.80	0.59	0.29	0.52
6/30/2016	--	3.88	1.58	--	1.42	1.81	4.02	4.81	3.12	5.06	1.01	2.43	0.19	3.07	1.19	2.26	1.02	*	1.16	0.82		0.55	0.49	0.55
7/20/2016	--	4.17	1.88	--	0.91	3.01	3.28	4.83	3.36	5.40	1.01	N/G	0.16	3.16	1.56	2.27	1.01	*	1.10	1.01	2.79	0.46	0.37	0.53
7/28/2016	--	4.02	1.97	--	0.88	3.05	2.80	4.82	3.44	5.13	1.03	2.69	0.15	3.19	1.62	1.36	1.01	*	1.04	1.03	2.71	0.46	0.35	0.51
8/22/2016	--	4.19	2.16	--	0.79	3.23	3.55	4.85	3.60	5.27	1.04	2.81	0.18	3.28	1.75	2.43	1.01	*	1.13	1.18	2.63	0.43	0.39	0.54
9/7/2016	--	4.33	1.79	--	0.77	3.15	3.50	4.86	3.51	5.38	1.02	2.75	0.15	3.36	1.54	2.37	1.03	*	1.08	1.22	2.53	0.43		0.48
9/19/2016	--	3.94	1.05	--	0.70	2.83	3.53	4.87	4.95	5.32	0.96	2.48	0.10	3.21	1.02	2.15	1.03	2.84	1.04	1.23	2.49	0.46		0.41
10/4/2016	--	3.10	0.80	--	0.71	2.60	3.55	4.67	2.41	5.05	0.96	2.34	0.05	3.05	0.89	2.06	1.03	2.68	0.98	1.09	2.48	0.59	0.25	0.33
10/14/2016	--	3.51	0.85	--	0.61	2.56	3.54	4.64	2.25	4.89	0.95	2.40	0.06	3.09	--	2.00	1.05	2.25	0.99	1.09	2.45	0.60	0.24	0.35
10/25/2016	--	3.47	0.89	--	0.55	2.55	3.52	4.59	2.25	4.80	0.93	2.40	0.08	5.22	0.92	2.06	1.04	4.35	N/G	1.05	2.42	0.62	0.21	0.05
11/7/2016	--	3.33	1.06	--	0.53	2.59	3.50	4.61	2.41	4.72	1.03	2.40	0.06	3.05	1.00	2.06	1.02	2.10	0.91	0.94	2.33	0.63	0.17	0.29
11/21/2016	--	3.16	1.11	--	0.48	2.54	3.46	4.49	2.50	4.69	1.05	2.31	0.04	2.96	1.00	2.03	1.00	1.91	N/G	0.85	2.30	0.65	0.17	0.28
11/30/2016	--	2.59	1.38	--	0.43	2.69	3.49	4.61	2.69	4.72	1.18	2.52	0.11	3.08	1.21	1.00	1.00	2.24	0.84	0.97	2.33	0.67	0.14	0.25
12/7/2016	--	3.44	1.37	--	0.32	2.68	3.47	4.57	2.39	4.46	1.21	2.45	0.08	3.03	1.24	2.00	1.02	2.01	0.77	0.89	1.57	0.60	0.07	0.25
12/19/2016	--	3.39	1.53	--	0.26	2.75	3.44	3.80	2.66	2.31	1.27	2.61	0.12	3.09	1.40	2.03	0.45	2.54	0.83	0.98	1.61	0.75	0.16	0.31
1/3/2017	--	3.52	1.49	--	0.11	2.93	3.47	4.60	2.89	2.78	1.30	2.49	0.10	2.94	1.41	2.05	0.46	2.11	0.70	0.89	1.56	0.55	0.04	0.25
1/16/2017	--	3.28	1.47	--	--	2.75	4.44	4.59	2.97	4.29	1.31	2.47	0.03	3.03	1.38	2.10	0.45	2.11	0.70	0.89	1.56	0.55	0.04	0.25
1/30/2017	--	3.65	1.49	--	--	2.78	3.40	4.50	3.05	4.55	1.35	2.50	0.11	3.06	1.40	2.11	0.49	2.44	0.64	0.77	1.54	0.69	0.06	0.43
2/13/2017	--	3.77	1.49	--	--	2.78	3.42	4.48	3.10	4.69	1.32	2.51	0.09	3.04	1.41	2.10	0.50	2.34	0.62	0.80	1.56	0.61	--	0.12
3/10/2017	--	3.69	1.51	--	--	2.86	3.43	4.56	3.22	5.01	1.41	2.53	0.10	3.08	1.60	2.11	0.49	2.41	0.48	0.76	1.51	0.63	--	0.07
3/20/2017	--	3.61	1.43	--	--	2.77	3.42	4.50	3.22	5.09	1.41	2.44	0.07	3.03	1.41	2.11	0.47	2.29	0.52	0.77	1.54	0.59	--	0.07
4/10/2017	--	3.60	1.49	--	--	2.87	3.46	4.60	3.34	4.87	1.46	2.59	0.10	3.10	1.63	2.14	0.46	2.38	0.43	0.77	1.52	0.61	--	0.03
4/24/2017	--	3.22	1.31	--	--	2.79	3.43	4.60	3.30	5.18	1.41	2.40	0.09	3.02	1.45	2.15	0.44	2.15	0.39	0.77	1.82	0.47	--	--
5/19/2017	--	3.63	1.98	--	--	2.87	3.48	4.53	3.25	4.91	1.43	2.25	0.07	3.10	1.80	2.23	0.46	2.33	0.37	0.83	1.49	0.41	--	--
5/23/2017	--	N/G	N/G	--	--	N/G	N/G	N/G	N/G	N/G	N/G	N/G	N/G	N/G	N/G	N/G	0.44	2.15	0.93	0.76	N/G	0.47	--	--
6/12/2017	--	3.66	1.87	--	--	3.14	3.55	4.51	2.19	5.09	1.32	2.74	0.11	3.19	1.95	2.40	0.43	2.15	0.43	0.95	1.78	0.50	--	--
6/23/2017	--	--	1.94	--	--	3.05	3.55	4.56	2.20	5.27	1.57	2.75	0.11	3.23	1.96	2.42	0.44	2.24	--	--	--	--	--	--
7/11/2017	1.11	3.63	1.99	--	--	3.00	3.53	4.70	3.18	4.88	1.48	2.80	0.07	3.23	1.97	2.46	0.39	2.40	0.47	0.73	1.52	0.49	--	--
8/3/2017	1.68	3.98	2.13	--	--	3.07	3.55	4.58	4.20	5.01	1.65	2.90	0.10	3.34	2.07	2.57	0.47	2.45	0.55	0.70	1.55	0.49	--	--
8/25/2017	1.67	3.98	2.15	--	--	3.02	3.60	4.57	4.19	4.98	1.65	2.91	0.12	3.35	2.05	2.54	0.50	2.47	0.52	0.70	1.52	0.60	--	--
9/5/2017	1.71	3.91	1.19	--	--	2.48	3.59	4.36	2.10	4.51	1.29	2.35	0.11	3.10	0.95	1.70	0.42	2.41	0.57	0.59	1.50	0.44	--	--
9/21/2017	1.21	3.80	0.70	--	--	2.22	3.47	4.27	1.42	4.32	N/R	2.15	0.02	2.85	0.73	1.82	0.43	2.23	0.56	0.58	1.43	0.36	--	--
10/11/2017	1.20	4.13	0.63	--	--	2.13	3.39	4.19	1.27	4.17	N/R	2.15	0.04	2.85	0.71	1.88	0.43	2.34	0.58	0.64	1.90	0.45	--	--
11/8/2017	0.16	3.77	0.17	--	--	2.03	3.44	4.15	1.66	4.20	N/R	2.15	0.10	2.82	0.71	1.91	0.49	2.12	0.48	0.63	1.49	0.45	--	--
11/28/2017	1.50	3.32	--	--	--	2.07	3.40	4.31	1.99	4.11	N/R	2.09	0.03	2.98	0.63	1.84	0.44	1.73	0.40	0.61	1.44	0.43	--	--

Table 2
Summary of Apparent LNAPL Thickness In Wells
Targa Midstream Services LLC, Eunice Gas Plant
Lea County, New Mexico

Date	Well Designation																						
	MW-2A	MW-03	MW-22	MW-27	MW-29	MW-32 (SB-1)	MW-33 SB-3)	MW-34 (SB-4)	MW-35 (SB-5)	MW-37 (SB-7)	MW-38 (SB-8)	RW-1	VW-1	VW-2	VW-3	VW-4	HVR-1	HV-1	HV-2	HV-3	HV-4	HV-5	HV-7	HV-9
12/20/2017	1.47	3.43	--	--	--	2.17	3.40	4.32	2.36	4.15	2.94	2.44	0.03	2.95	1.05	1.97	0.44	1.87	0.33	0.63	1.44	0.42	--	--
1/10/2018	1.58	2.99	--	--	--	2.15	3.44	4.34	2.64	4.24	2.96	2.47	0.03	2.96	1.11	2.11	0.45	0.45	0.32	0.64	1.44	1.46	--	--
1/26/2018	1.71	3.34	--	--	--	2.35	3.44	4.41	2.87	4.33	3.04	2.65	0.03	3.15	1.16	2.51	0.45	1.98	0.31	0.72	1.44	0.51	--	--
2/9/2018	1.76	3.40	--	--	--	4.43	3.45	4.42	3.04	4.43	3.10	2.76	0.05	3.18	1.27	2.61	0.44	2.20	0.28	0.63	1.48	0.45	--	--
2/23/2018	1.79	3.61	--	--	--	3.43	3.52	4.39	4.22	4.54	3.16	2.87	0.04	3.28	1.34	2.75	0.43	1.96	0.29	0.62	1.45	0.48	--	--
3/12/2018	1.87	4.01	--	--	--	2.45	3.51	4.46	3.33	4.58	3.22	3.10	0.08	3.46	1.52	3.01	0.44	2.27	0.26	0.62	1.46	0.52	--	--
3/26/2018	1.94	3.52	0.13	--	--	2.55	3.60	4.63	3.50	4.72	3.28	3.10	0.07	3.49	1.60	3.14	0.44	1.92	0.28	0.62	1.40	0.46	--	--
4/30/2018	2.20	2.01	0.79	--	--	2.76	3.66	4.78	3.74	4.91	3.27	3.18	0.11	3.87	1.86	3.48	0.43	3.60	0.27	0.60	1.41	0.42	--	--
5/29/2018	2.35	3.75	1.95	--	--	3.21	--	4.94	3.98	5.11	3.38	3.46	0.12	3.77	2.38	3.71	1.36	2.12	0.31	0.63	1.41	0.47	--	--
6/13/2018	2.45	4.07	2.64	--	--	3.49	3.75	5.02	4.06	5.93	3.44	4.00	0.14	4.04	2.98	3.86	1.51	2.38	0.42	0.71	1.50	0.54	--	--
7/20/2018	2.62	2.32	3.21	--	--	4.03	3.92	5.21	4.37	5.48	3.71	4.26	0.16	4.49	3.25	4.22	1.82	4.05	0.61	0.54	1.44	0.52	--	--
8/24/2018	2.71	4.22	3.58	--	--	4.38	4.14	5.34	4.59	5.75	5.75	4.39	0.11	4.68	3.35	4.39	2.03	2.31	0.71	0.38	1.50	0.45	--	--
9/21/2018	2.79	2.88	3.77	--	--	4.57	4.35	5.50	4.86	5.87	4.11	4.37	0.17	4.87	3.37	4.33	2.00	2.54	0.82	0.47	1.97	0.50	--	--
10/18/2018	2.77	3.14	3.57	--	--	4.71	4.65	5.65	5.02	4.30	4.33	0.18	0.18	4.90	2.93	4.62	2.40	2.98	0.90	0.33	1.05	0.47	--	--
11/1/2018	--	--	--	--	--	--	--	5.64	--	--	--	4.20	--	--	--	--	--	--	--	--	--	--	--	--
12/18/2018	0.87	4.51	4.53	--	--	5.25	4.62	5.16	--	5.89	5.09	4.13	0.08	4.69	3.15	4.18	2.35	2.72	0.85	0.31	1.43	0.33	--	--
4/1/2019	2.13	4.75	3.96	--	0.01	4.60	4.73	5.69	5.46	5.93	5.19	4.28	1.00	4.68	3.36	4.14	2.61	3.09	0.87	0.42	1.39	0.19	0.01	0.26
7/29/2019	2.90	4.77	4.26	--	--	4.86	4.91	5.75	5.75	6.08	5.81	4.60	0.19	4.90	3.84	4.46	2.82	3.15	1.05	0.22	1.37	0.44	--	--
8/17/2020	2.67	6.25	4.40	2.37	0.01	5.08	5.21	6.04	6.15	6.61	6.33	4.78	3.86	4.99	4.09	4.51	3.57	4.23	1.48	0.28	0.39	--	--	--
10/25/2021	2.62	6.68	3.72	2.42	--	3.77	3.97	4.51	4.54	4.98	4.54	3.47	4.81	3.52	3.16	3.40	4.09	4.77	2.32	--	0.98	--	--	--
3/28/2022	2.50	6.73	3.22	2.11	--	3.31	3.70	3.97	4.55	4.07	3.93	3.03	3.25	3.23	2.89	3.26	3.95	4.70	2.36	0.04	0.99	--	--	--
6/20/2023	2.15	1.62	0.08	0.70	--	--	2.30	0.19	0.38	2.61	0.19	0.39	Sheen	1.07	0.49	1.11	3.32	2.64	2.24	0.03	4.94	--	Sheen	--

Data prior to April 2019 collected by others and transposed from 2018 Groundwater Monitoring Report prepared by Larson & Associates, Inc. (March 11, 2019).
N/G: Not gauged
N/I: Well not installed
-- : Measurable LNAPL not observed

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-1	04/23/02	<0.001	<0.001	<0.001	<0.001	**724**
	09/05/02	<0.001	<0.001	<0.001	<0.001	**851**
	11/06/02	--	--	--	--	**957**
	06/13/03	<0.001	<0.001	<0.001	<0.001	**939**
	11/11/03	<0.001	<0.001	<0.001	<0.002	**1,170**
Duplicate	11/11/03	<0.001	<0.001	<0.001	<0.002	--
	05/24/04	<0.001	<0.001	<0.001	<0.002	**956**
	11/10/04	<0.001	<0.001	<0.001	<0.002	**1,060**
Duplicate	11/10/04	<0.001	<0.001	<0.001	<0.002	--
	05/25/05	<0.001	<0.001	<0.001	<0.002	**1,170**
	11/30/05	<0.001	<0.001	<0.001	<0.002	**828**
	06/27/06	<0.001	<0.001	<0.001	<0.002	**808**
	12/05/06	<0.001	<0.001	<0.001	<0.002	**662**
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	**740**
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	**810**
	06/25/08	<0.0008	<0.002	<0.002	<0.003	**909**
	11/24/08	<0.0008	<0.002	<0.002	<0.003	**849**
	03/23/09	<0.0008	<0.002	<0.002	<0.003	**836**
	10/12/09	<0.0008	<0.002	<0.002	<0.003	**692**
	06/21/10	<0.0008	<0.002	<0.002	<0.003	**570**
Duplicate	06/21/10	<0.0008	<0.002	<0.002	<0.003	--
	11/10/10	<0.0008	<0.002	<0.002	<0.003	**446**
	06/22/11	<0.001	<0.001	<0.001	<0.001	**562**
	11/29/11	<0.0004	<0.0003	<0.0003	<0.003	**360**
	06/19/12	<0.0008	<0.002	<0.002	<0.003	**361**
	12/03/12	<0.0008	<0.002	<0.002	<0.003	**339**
	05/16/13	<0.0008	<0.002	<0.002	<0.003	**408**
	11/19/13	<0.0008	<0.002	<0.002	<0.003	**747**
	06/04/14	<0.0008	<0.002	<0.002	<0.003	**721**
	12/17/14	<0.0008	<0.002	<0.002	<0.003	**885**
	06/02/15	<0.0008	<0.002	<0.002	<0.003	**839**
	11/10/15	<0.0008	<0.002	<0.002	<0.003	**863**
	04/05/16	<0.0008	<0.002	<0.002	<0.003	**356**
	11/08/16	<0.00200	<0.00600	<0.00600	<0.00900	**763**
	05/24/17	<0.00200	<0.00600	<0.00600	<0.00600	**831**
	11/30/17	<0.0008	<0.002	<0.002	<0.002	**728**
	06/15/18	--	--	--	--	**523**
	04/05/19	<0.0002	<0.0002	<0.0004	<0.001	**350**
	8/18/2020	<0.00100	<0.00100	<0.00100	<0.00300	**301**
	10/25/2021	--	--	--	--	**318**
	3/30/2022	--	--	--	--	**312**
	06/22/23	--	--	--	--	**334**
MW-5	09/05/02	<0.001	<0.001	<0.001	<0.001	**514**
	11/06/02	--	--	--	--	**585**
	06/13/03	<0.001	<0.001	<0.001	<0.001	**425**
	11/12/03	<0.001	<0.001	<0.001	<0.002	**549**
Duplicate	11/12/03	<0.001	<0.001	<0.001	<0.002	--
	05/24/04	<0.001	<0.001	<0.001	<0.002	**898**
	11/10/04	<0.001	<0.001	<0.001	<0.002	**727**
	05/25/05	<0.001	<0.001	<0.001	<0.002	**794**
	12/02/05	**0.00108**	<0.001	**0.000992**	**0.000936**	**568**
	06/27/06	<0.001	<0.001	<0.001	<0.002	**682**
	12/12/06	<0.001	<0.001	<0.001	<0.002	**565**
Duplicate	12/12/06	<0.001	<0.001	<0.001	<0.002	--
	06/06/07	**0.0016**	<0.0002	<0.0002	<0.0006	**350**
	12/04/07	**0.0069**	<0.0002	<0.0002	<0.0006	**210**
	06/26/06	**0.00166**	<0.002	<0.002	<0.003	**196**

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-5	11/25/08	**0.000839**	<0.002	<0.002	<0.003	**170**
	03/23/09	**0.000805**	<0.002	<0.002	<0.003	**150**
Duplicate	03/23/09	**0.000875**	<0.002	<0.002	<0.003	--
	10/13/09	**0.00363**	<0.002	<0.002	<0.003	**149**
	06/22/10	**0.00145**	<0.002	<0.002	<0.003	**170**
	11/10/10	**0.0636**	**0.0979**	**0.0837**	**0.122**	**173**
	06/23/11	<0.000743	<0.000671	<0.000923	<0.000838	**348**
	11/29/11	<0.0004	<0.0003	<0.0003	<0.0003	**158**
	06/19/12	**0.00787**	**0.0793**	**0.0602**	**0.1020**	**228**
	12/04/12	<0.0008	<0.002	<0.002	<0.003	**205**
	05/16/13	**0.00305**	<0.002	<0.002	<0.003	**215**
	11/20/13	<0.0008	<0.002	<0.002	<0.003	**226**
	06/11/14	**0.00175**	<0.002	**0.0028**	<0.003	**145**
	12/18/14	<0.0008	<0.002	<0.002	<0.003	**153**
	06/02/15	<0.0008	<0.002	<0.002	<0.003	**187**
	11/10/15	<0.0008	<0.002	<0.002	<0.003	**212**
	04/05/16	<0.0008	<0.002	<0.002	<0.003	**176**
	11/08/16	<0.00200	<0.00600	<0.00600	<0.00900	**195**
	05/24/17	**0.00116**	<0.00600	<0.00600	<0.00600	**230**
	11/29/17	**0.00102**	<0.002	<0.002	<0.002	**229**
	06/15/18	--	--	--	--	**232**
	04/08/19	**0.001**	<0.0002	<0.0004	<0.001	**226**
	08/18/20	**Well Damaged - Not Sampled**				
	10/27/21	--	--	--	--	**240**
	03/30/22	--	--	--	--	**241**
	06/22/23	--	--	--	--	**152**
MW-6	09/05/02	**0.136**	**0.307**	**0.003**	**0.229**	**514**
	11/06/02	**0.102**	<0.010	**0.212**	<0.219	**567**
	06/13/03	**0.036**	**0.005**	**0.019**	**0.029**	**487**
	11/12/03	**0.007**	**0.004**	**0.084**	<0.001	**487**
	05/24/04	**0.186**	<0.001	**0.002**	<0.001	**418**
	11/10/04	**0.0385**	**0.00318**	**0.00435**	**0.01089**	**496**
	05/25/05	**0.787**	**0.00577**	**1.16**	**0.0514**	**404**
	12/02/05	**0.684**	**0.00279**	**0.109**	<0.02	**241**
	06/27/06	**0.0533**	<0.001	<0.001	<0.002	**279**
	12/08/06	**0.335**	**0.0025**	**0.060**	**0.00307**	**244**
	06/07/07	**1.0**	<0.002	**0.019**	<0.006	**240**
	12/04/07	**0.12**	**0.0035**	**0.013**	<0.006	**230**
	06/26/08	**0.403**	<0.002	**0.153**	**0.0922**	**306**
	11/25/08	**0.520**	<0.01	**0.130**	**0.235**	**316**
	03/24/09	**0.393**	**0.00210**	**0.0653**	**0.162**	**322**
	10/13/09	**1.18**	**0.00230**	<0.002	**0.0335**	**265**
	06/21/10	**1.64**	**0.06470**	<0.01	**0.0878**	**197**
	11/10/10	**2.50**	<0.04	<0.04	<0.06	**226**
	06/23/11	**3.02**	<0.0336	<0.0462	<0.0419	**265**
	11/29/11	**2.49**	<0.0150	**0.0937**	<0.0166	**231**
	06/19/12	**1.06**	<0.04	**0.08**	<0.06	**348**
	12/04/12	**0.81**	<0.02	**0.0981**	<0.03	**414**
	05/16/13	**0.62**	**0.123**	<0.01	<0.015	**434**
	11/20/13	**0.70**	**0.697**	<0.02	<0.03	**453**
	06/04/14	**1.49**	<0.01	**0.2920**	<0.015	**577**
	12/18/14	**1.44**	<0.02	**0.17100**	<0.03	**417**
	06/02/15	**0.80**	<0.02	**0.17300**	<0.03	**872**
	11/10/15	**0.50**	<0.02	**0.16900**	**0.0375**	**862**
	04/05/16	**0.389**	<0.02	**0.14400**	**0.0643**	**997**
	11/09/16	**0.167**	<0.0600	<0.0600	<0.0900	**894**
	05/24/17	**0.00161**	<0.00600	<0.00600	**0.0331**	**1,010**
	11/29/17	**0.00700**	<0.002	<0.002	<0.002	**2,210**
	06/15/18	**0.0253**	<0.00600	**0.183**	**0.0256**	**1,010**
	04/08/19	**0.091**	<0.0002	**0.070**	**0.004 J**	**1,250**
	08/19/20	**0.00174**	**0.000418 J**	**0.00159**	**0.000216 J**	**1,030**
	10/26/21	**0.00244**	<0.001	<0.001	<0.003	**913**
	03/29/22	**0.00142**	<0.001	<0.001	<0.003	**1,020**
	06/21/23	**0.000667 J**	<0.00500	<0.00200	<0.00600	**841**

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-8	09/06/02	<0.001	<0.001	<0.001	<0.001	**337**
	11/07/02	--	--	--	--	**638**
	06/13/03	<0.001	<0.001	<0.001	<0.001	**399**
	11/11/03	<0.001	<0.001	<0.001	<0.002	**1,080**
	05/24/04	<0.001	<0.001	<0.001	<0.002	**400**
	11/10/04	<0.001	<0.001	<0.001	<0.002	**674**
	05/26/05	<0.001	<0.001	<0.001	<0.002	**281**
Duplicate	05/26/05	<0.001	<0.001	<0.001	<0.002	--
	12/06/05	<0.001	<0.001	<0.001	<0.002	**385**
	12/05/06	<0.001	<0.001	<0.001	<0.002	**588**
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	**460**
	12/03/07	<0.0002	<0.0002	<0.0002	<0.0006	**750**
	06/25/08	<0.0008	<0.002	<0.002	<0.003	**746**
	11/24/08	<0.0008	<0.002	<0.002	<0.003	**686**
	03/23/09	<0.0008	<0.002	<0.002	<0.003	**662**
	10/12/09	<0.0008	<0.002	<0.002	<0.003	**471**
	06/21/10	<0.0008	<0.002	<0.002	<0.003	**558**
	11/10/10	**0.0187**	**0.0130**	**0.0185**	**0.0262**	**575**
	06/23/11	<0.000743	<0.000671	<0.000923	<0.000838	**682**
	11/29/11	<0.0004	<0.0003	<0.0003	<0.000333	**175**
	06/19/12	<0.0008	<0.002	<0.002	<0.003	**308**
	12/03/12	<0.0008	<0.002	<0.002	<0.003	**679**
	05/16/13	<0.0008	<0.002	<0.002	<0.003	**608**
	11/19/13	<0.0008	<0.002	<0.002	<0.003	**807**
	06/04/14	<0.0008	<0.002	<0.002	<0.003	**552**
	12/17/14	<0.0008	<0.002	<0.002	<0.003	**236**
	06/02/15	<0.0008	<0.002	<0.002	<0.003	**592**
	11/11/15	<0.0008	<0.002	<0.002	<0.003	**490**
	04/05/16	<0.0008	<0.002	<0.002	<0.003	**523**
	11/08/16	<0.00200	<0.00600	<0.00600	<0.00900	**545**
	05/24/17	<0.00200	<0.00600	<0.00600	<0.00600	**622**
	11/29/17	**0.00254**	<0.002	<0.002	<0.002	**2,950**
	06/15/18	--	--	--	--	**838**
	04/08/19	<0.0002	**0.0004 J**	<0.0004	<0.001	**1,740**
	08/18/20	<0.001	<0.001	<0.001	<0.003	**1,490**
	10/27/21	--	--	--	--	**1,480**
	03/30/22	--	--	--	--	**1,780**
	06/22/23	--	--	--	--	**1,260**
MW-13	06/16/03	<0.001	<0.001	<0.001	<0.001	**8,680**
	11/13/03	<0.001	<0.001	<0.001	<0.002	**9,310**
	05/26/04	<0.001	<0.001	<0.001	<0.002	**7,500**
	11/11/04	**0.000404**	<0.001	<0.001	<0.002	**9,390**
	05/25/05	<0.001	<0.001	<0.001	<0.002	**4,220**
	12/07/05	<0.001	<0.001	<0.001	<0.002	**5,950**
	06/27/06	<0.001	<0.001	<0.001	<0.002	**6,890**
Duplicate	06/27/06	<0.001	<0.001	<0.001	<0.002	--
	12/06/06	<0.001	<0.001	<0.001	<0.002	**6,150**
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	**5,800**
	12/03/07	**0.0061**	<0.0002	<0.0002	<0.0006	**5,900**
	06/25/08	**0.00560**	<0.002	**0.00797**	<0.003	**7,290**
	11/24/08	**0.00430**	<0.002	**0.00716**	<0.003	**6,500**
	03/24/09	**0.00447**	<0.002	<0.002	**0.00444**	**6,460**
	10/12/09	**0.00164**	<0.002	<0.002	<0.003	**5,780**
	06/22/10	<0.0008	<0.002	<0.002	<0.003	**6,460**

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-13	11/10/10	<0.0008	<0.002	<0.002	<0.003	**6,690**
	06/22/11	<0.001	<0.001	<0.001	<0.001	**7,180**
	11/30/11	<0.001	<0.001	<0.001	<0.001	**5,950**
	06/19/12	**0.05620**	**0.719**	**0.25**	**0.414**	**6,930**
	12/04/12	<0.0008	<0.002	<0.002	<0.003	**7,010**
	05/16/13	**0.00112**	<0.002	0.0081	**0.00922**	**8,100**
	11/20/13	<0.0008	<0.002	<0.002	<0.003	**8,370**
	12/17/14	<0.0008	<0.002	<0.002	<0.003	**6,280**
	06/03/15	<0.0008	<0.002	<0.002	<0.003	**6,520**
	11/10/15	<0.0008	<0.002	<0.002	<0.003	**6,810**
	04/05/16	<0.0008	<0.002	<0.002	<0.003	**6,180**
	11/08/16	<0.00200	<0.00600	<0.00600	<0.00900	**5,560**
	05/25/17	**0.00481**	<0.00600	<0.00600	<0.00600	**5,520**
	11/29/17	<0.0008	<0.002	<0.002	<0.002	**5,290**
	06/15/18	--	--	--	--	**5,580**
	04/05/19	<0.0002	**0.0002 J**	<0.0004	<0.001	**4,700**
	08/19/20	<0.001	<0.001	<0.001	<0.003	**6,120**
	10/26/21	--	--	--	--	**5,730**
	03/30/22	--	--	--	--	**6,560**
	06/22/23	--	--	--	--	**7,020**
MW-14	06/16/03	**0.012**	<0.001	<0.001	<0.002	**25,000**
	11/12/03	**0.002**	<0.001	<0.001	<0.001	**25,900**
	05/24/04	**0.510**	<0.001	<0.001	<0.001	**12,300**
	11/10/04	**0.817**	**0.000813**	**0.001820**	**0.006435**	**25,500**
	05/25/05	**0.95**	<0.005	**0.0302**	**0.0215**	**57,600**
	12/07/05	**0.334**	<0.010	<0.010	<0.020	**22,800**
Duplicate	12/07/05	**0.334**	<0.010	<0.010	<0.010	--
	06/27/06	**0.639**	<0.001	<0.001	<0.002	**13,700**
	12/06/06	**0.0271**	**0.00707**	**0.0004**	**0.0258**	**8,770**
	06/07/07	**0.20**	**0.00054**	**0.00049**	**0.0025**	**31,000**
	12/03/07	**0.40**	<0.0008	**0.011**	**0.0077**	**43,000**
Duplicate	12/03/07	**0.41**	<0.0008	**0.011**	**0.008**	--
	06/26/08	**0.574**	<0.002	**0.00461**	**0.00505**	**43,400**
Duplicate	06/26/08	**0.575**	<0.002	**0.00515**	**0.00577**	--
	11/25/08	**0.657**	<0.01	<0.01	<0.015	**44,600**
	03/24/09	**0.555**	<0.002	**0.00474**	**0.00534**	**45,500**
	10/13/09	**0.700**	<0.02	<0.02	<0.03	**50,100**
	06/22/10	**0.520**	<0.02	<0.02	<0.03	**39,600**
	11/10/10	**0.589**	<0.01	<0.01	<0.015	**43,900**
	06/23/11	**0.470**	<0.00336	<0.00462	<0.00419	**39,600**
	11/29/11	**0.873**	<0.00150	**0.0104**	**0.01690**	**49,000**
	06/19/12	**0.277**	<0.002	<0.002	<0.003	**24,800**
	12/04/12	**0.582**	<0.01	<0.01	<0.015	**35,700**
	05/16/13	**0.551**	<0.01	<0.01	<0.015	**35,600**
	11/19/13	**0.301**	<0.02	<0.02	<0.03	**38,300**
	06/11/14	**0.634**	<0.02	<0.02	<0.03	**20,600**
	12/17/14	**0.189**	<0.02	<0.02	<0.03	**34,900**
	06/02/15	**0.639**	<0.002	<0.002	<0.003	**24,500**
	11/10/15	**0.559**	<0.01	<0.01	<0.015	**24,500**
	04/05/16	**0.299**	<0.002	<0.002	<0.003	**21,800**
	11/09/16	**0.00342**	<0.00600	<0.00600	<0.00900	**21,500**
	05/25/17	**0.104**	<0.00600	<0.00600	<0.00600	**23,400**
	11/29/17	**0.0652**	<0.002	<0.002	<0.002	**26,300**
	06/15/18	**0.0453**	<0.00600	<0.00600	<0.00600	**29,000**
	04/05/19	**0.009**	<0.0002	<0.0004	<0.001	**13,100**
Duplicate (MW-X)	04/05/19	**0.013**	<0.0002	<0.0004	<0.001	--
	08/19/20	**0.00318**	<0.001	<0.001	**0.000391 J**	**15,900**
	10/25/21	**0.00399**	<0.001	<0.001	**0.000411 J**	**13,900**
	03/29/22	**0.06640**	<0.001	<0.001	**0.000238 J**	**29,500**
	06/21/23	**0.00271**	<0.00500	<0.00200	<0.00600	**17,600**

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-15	06/16/03	<0.001	<0.001	<0.001	<0.001	**1,600**
	11/12/03	<0.001	<0.001	<0.001	<0.002	**1,120**
	05/24/04	<0.001	<0.001	<0.001	<0.002	**924**
	11/10/04	<0.001	<0.001	<0.001	<0.002	**1,240**
	05/25/05	<0.001	<0.001	**0.000718**	**0.000665**	**782**
	12/07/05	<0.001	<0.001	<0.001	<0.002	**746**
	12/08/06	<0.001	**0.00121**	**0.000355**	**0.002667**	**834**
Duplicate	12/08/06	<0.001	<0.001	<0.001	<0.002	--
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	**1,100**
	12/04/07	**0.0028**	<0.0002	<0.0002	<0.0006	**940**
	06/26/08	**0.00330**	<0.002	<0.002	<0.003	**882**
	11/25/08	**0.00354**	<0.002	**0.00269**	**0.005680**	**1,090**
	03/24/09	**0.00333**	<0.002	<0.002	<0.003	**1,130**
	10/13/09	**0.00620**	<0.002	<0.002	<0.003	**862**
	06/22/10	**0.00102**	<0.002	<0.002	<0.003	**752**
	11/11/10	**0.00154**	<0.002	<0.002	<0.003	**835**
	06/22/11	<0.001	<0.001	<0.001	<0.001	**1,200**
	11/29/11	<0.0004	<0.0003	<0.0003	<0.000333	**709**
Duplicate	11/29/11	<0.0004	<0.0003	<0.0003	<0.000333	**713**
	06/19/12	<0.0008	<0.002	<0.002	<0.003	**862**
	12/04/12	<0.0008	<0.002	<0.002	<0.003	**874**
	05/16/13	**0.00211**	<0.002	<0.002	<0.003	**656**
	11/20/13	<0.0008	<0.002	<0.002	<0.003	**611**
	06/11/14	**0.00439**	<0.002	**0.00452**	**0.00390**	**945**
	12/18/14	<0.0008	<0.002	<0.002	<0.003	**396**
	06/02/15	<0.0008	<0.002	<0.002	<0.003	**391**
	11/10/15	<0.0008	<0.002	<0.002	<0.003	**396**
	04/05/16	<0.0008	<0.002	<0.002	<0.003	**434**
	11/09/16	<0.00200	<0.00600	<0.00600	<0.00900	**407**
	05/24/17	<0.00200	<0.00600	<0.00600	<0.00600	**341**
	11/29/17	<0.0008	<0.002	<0.002	<0.002	**384**
	06/15/18	--	--	--	--	**383**
	04/08/19	<0.0002	<0.0002	<0.0004	<0.001	**267**
	08/18/20	<0.001	<0.001	<0.001	<0.003	**374**
	10/25/21	--	--	--	--	**386**
	03/30/22	--	--	--	--	**361**
	06/22/23	--	--	--	--	**419**
MW-18	01/19/06	<0.001	<0.001	<0.001	<0.002	**2,430**
	06/28/06	<0.001	<0.001	<0.001	<0.002	**3,100**
	12/08/06	<0.001	<0.001	<0.001	<0.002	**2,310**
	06/07/07	<0.0002	<0.0002	<0.0002	<0.0006	**3,700**
	12/04/07	<0.0002	<0.0002	<0.0002	<0.0006	**4,600**
	06/25/08	<0.0008	<0.002	<0.002	<0.003	**5,710**
	11/25/08	<0.0008	<0.002	<0.002	<0.003	**5,670**
	03/24/09	<0.0008	<0.002	<0.002	<0.003	**5,750**
	10/13/09	<0.0008	<0.002	<0.002	<0.003	**6,090**
	06/21/10	<0.0008	<0.002	<0.002	<0.003	**6,120**
	11/11/10	**0.00221**	<0.002	<0.002	<0.003	**5,820**
Duplicate	11/11/10	**0.00217**	<0.002	<0.002	<0.003	--
	06/23/11	<0.00372	<0.00336	<0.00462	<0.00419	**6,370**
Duplicate	06/23/11	<0.000765	<0.000719	<0.000860	<0.000942	**6,090**
	11/29/11	<0.0004	<0.0003	<0.0003	<0.000333	**6,500**
	06/19/12	<0.0008	<0.002	<0.002	<0.003	**6,840**
	12/04/12	<0.0008	<0.002	<0.002	<0.003	**7,980**
	05/17/13	**0.00172**	<0.002	<0.002	<0.003	**8,940**
	11/19/13	<0.0008	<0.002	<0.002	<0.003	**8,330**
	06/11/14	**0.00156**	<0.002	<0.002	<0.003	**7,200**
MW-18	12/19/14	<0.0008	<0.002	<0.002	<0.003	**10,700**
	06/02/15	**0.0111**	<0.002	<0.002	<0.003	**11,200**
	11/11/15	**0.0277**	<0.002	<0.002	<0.003	**11,600**
	04/05/16	**0.0357**	<0.002	<0.002	<0.003	**13,400**
	11/09/16	**0.372**	**0.211**	**0.0452**	**0.0735**	**19,700**
	05/25/17	**0.219**	**0.0264**	**0.00527**	**0.0116**	**20,400**
	11/29/17	**0.282**	**0.0346**	**0.00646**	**0.0139**	**21,400**
	06/14/18	**0.238**	<0.00600	<0.00600	<0.00600	**23,900**
	04/08/19	**0.130**	<0.0002	<0.0004	<0.001	**24,600**
	08/19/20	**0.139**	<0.001	<0.001	<0.003	**14,600**
	10/26/21	**0.0638**	<0.001	<0.001	<0.003	**17,200**
	03/29/22	**0.0627**	<0.001	<0.001	<0.003	**16,700**
	06/21/23	**0.0291**	<0.00500	<0.00200	<0.00600	**13,700**

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-19	12/07/05	**0.000812**	<0.001	<0.001	<0.002	**2,730**
	06/28/06	<0.001	<0.001	<0.001	<0.002	**3,760**
Duplicate	06/28/06	<0.001	<0.001	<0.001	<0.002	--
	12/08/06	<0.001	<0.001	<0.001	<0.002	**4,510**
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	**4,900**
	12/04/07	<0.0002	<0.0002	<0.0002	<0.0006	**5,300**
	06/25/08	<0.0008	<0.002	<0.002	<0.003	**7,130**
	11/25/08	**0.00262**	<0.002	<0.002	<0.003	**7,930**
	03/24/09	**0.00400**	<0.002	<0.002	<0.003	**8,750**
	10/13/09	**0.0491**	<0.002	<0.002	<0.003	**10,200**
	06/21/10	**0.0751**	<0.002	<0.002	<0.003	**10,600**
	11/11/10	**0.0804**	<0.002	<0.002	<0.003	**12,100**
	06/23/11	**0.0916**	<0.000671	<0.000923	<0.000838	**13,100**
	11/29/11	**0.1030**	<0.0003	<0.0003	<0.000333	**12,700**
	06/19/12	**0.0726**	<0.002	<0.002	<0.003	**14,600**
	12/04/12	**0.0519**	<0.002	<0.002	<0.003	**14,200**
	05/17/13	**0.0518**	<0.002	<0.002	<0.003	**18,600**
	11/19/13	**0.0265**	<0.002	<0.002	<0.003	**16,600**
	06/11/14	**0.0308**	**0.0135**	0.003	<0.003	**11,600**
	12/22/14	**0.0234**	<0.002	<0.002	<0.003	**14,300**
	06/02/15	**0.0173**	<0.002	<0.002	<0.003	**13,300**
	11/10/15	**0.0291**	<0.002	<0.002	<0.003	**13,000**
	04/05/16	**0.0202**	<0.002	<0.002	<0.003	**11,500**
	11/09/16	**0.00904**	<0.00600	<0.00600	<0.00900	**12,200**
	05/25/17	**0.00573**	<0.00600	<0.00600	<0.00600	**10,700**
	11/29/17	**0.00382**	<0.002	<0.002	<0.002	**9,910**
	06/15/18	**0.00206**	<0.00600	<0.00600	<0.00600	**9,520**
	04/04/19	**0.0005 J**	<0.0002	<0.0004	<0.001	**8,260**
	08/18/20	**0.000288 J**	**0.000642 J**	**0.000251 J**	**0.000509 J**	**8,780**
	10/26/21	<0.001	<0.001	<0.001	<0.003	**7,060**
	03/29/22	<0.001	<0.001	<0.001	<0.003	**7,340**
	06/21/23	<0.00200	<0.00500	<0.00200	<0.00600	**7,590**
MW-20	12/07/05	<0.001	<0.001	<0.001	<0.002	**3,110**
	06/28/06	<0.001	<0.001	<0.001	<0.002	**2,960**
	12/08/06	<0.001	<0.001	<0.001	<0.002	**2,110**
Duplicate	12/08/06	<0.001	<0.001	<0.001	<0.002	--
	06/06/07	<0.0002	<0.0002	<0.0002	<0.0006	**2,100**
	12/04/07	<0.0002	<0.0002	<0.0002	<0.0006	**2,300**
	06/25/08	<0.0008	<0.002	<0.002	<0.003	**2,270**
	11/25/08	**0.000936**	<0.002	<0.002	<0.003	**2,380**
	03/24/09	**0.00105**	<0.002	<0.002	<0.003	**2,790**
	10/13/09	<0.0008	<0.002	<0.002	<0.003	**3,010**
	06/21/10	<0.0008	<0.002	<0.002	<0.003	**2,730**
	11/11/10	**0.00200**	<0.002	<0.002	<0.003	**2,760**
	06/23/11	<0.000743	<0.000671	<0.000923	<0.000838	**3,400**
	11/29/11	<0.0004	<0.0003	<0.0003	<0.000333	**3,460**
	06/19/12	<0.0008	<0.002	<0.002	<0.003	**3,160**
	12/04/12	<0.0008	<0.002	<0.002	<0.003	**3,240**
MW-20	05/17/13	<0.0008	<0.002	<0.002	<0.003	**3,270**
	11/19/13	<0.0008	<0.002	<0.002	<0.003	**3,400**
	12/22/14	<0.0008	<0.002	<0.002	<0.003	**3,270**
	06/02/15	<0.0008	<0.002	<0.002	<0.003	**3,180**
	11/10/15	<0.0008	<0.002	<0.002	<0.003	**3,090**
	04/05/16	<0.0008	<0.002	<0.002	<0.003	**3,010**
	11/09/16	<0.00200	<0.00600	<0.00600	<0.00900	**3,110**
	05/25/17	<0.00200	<0.00600	<0.00600	<0.00600	**2,800**
	11/29/17	<0.0008	<0.002	<0.002	<0.002	**2,560**
	06/15/18	--	--	--	--	**2,510**
	04/08/19	<0.0002	<0.0002	<0.0004	<0.001	**2,380**
	08/18/20	<0.001	<0.001	<0.001	<0.003	**2,190**
	10/26/21	--	--	--	--	**2,400**
	03/30/22	--	--	--	--	**2,420**
	06/22/23	--	--	--	--	**2,230**

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

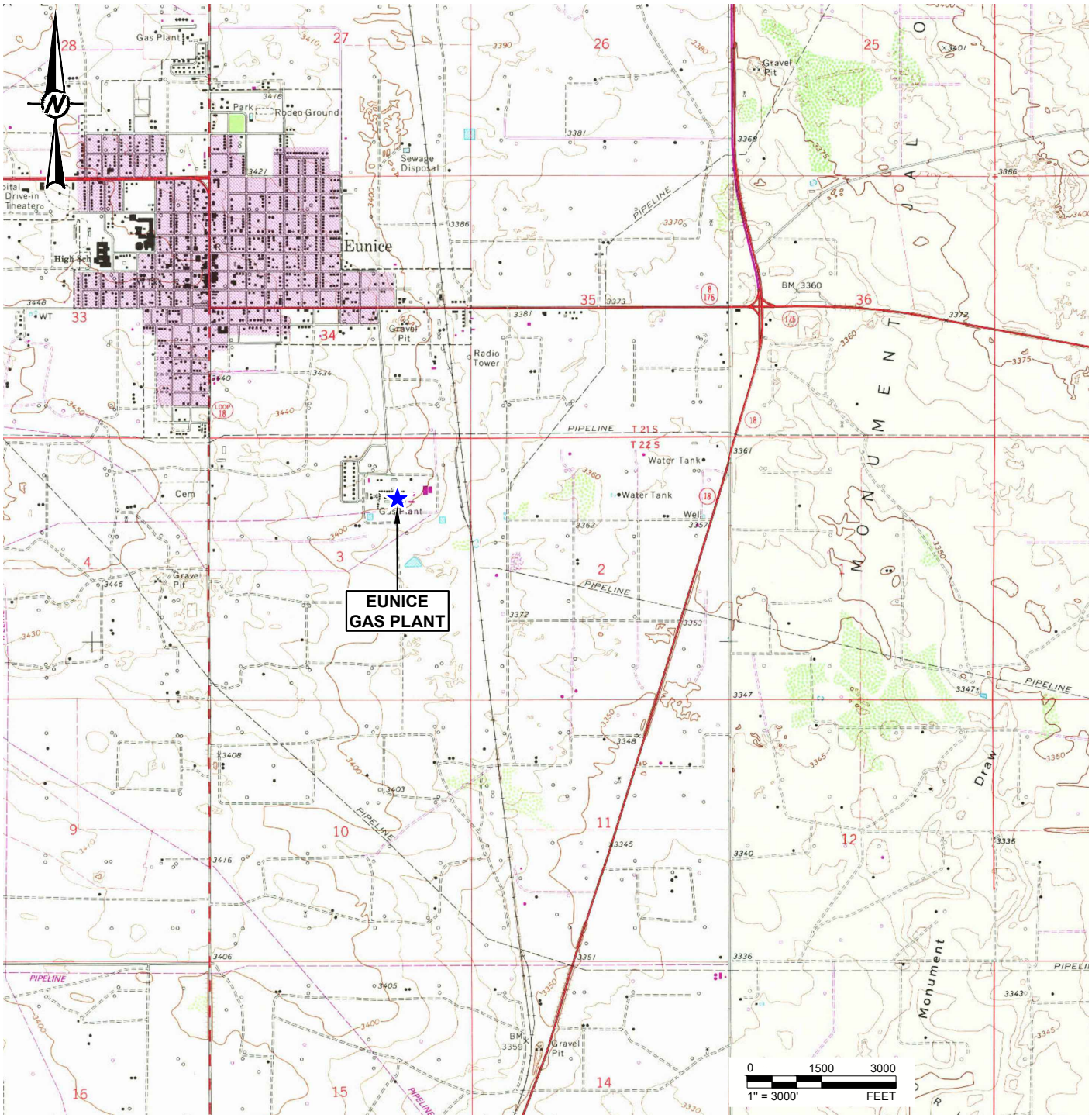
Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-23	03/19/10	**0.00447**	**0.00380**	<0.002	<0.003	**578**
	05/27/10	**0.00701**	<0.002	<0.002	<0.003	**355**
	06/22/10	**0.00854**	<0.002	<0.002	<0.003	**313**
	11/11/10	**0.00929**	**0.00473**	**0.00706**	**0.00907**	**573**
	03/29/11	**0.0129**	<0.001	<0.001	<0.001	--
	06/23/11	**0.0081**	<0.000719	<0.000860	<0.000942	**1,140**
	11/30/11	**0.00660**	<0.001	<0.001	<0.001	**922**
	06/19/12	**0.00981**	**0.09540**	**0.06780**	**0.12000**	**1,400**
Dup-1	06/20/12	**0.00511**	**0.00551**	**0.00304**	**0.00403**	**1,330**
	12/04/12	**0.00914**	<0.002	<0.002	<0.003	**1,170**
	05/16/13	**0.01040**	<0.002	<0.002	<0.003	**1,540**
	11/20/13	**0.00148**	<0.002	<0.002	<0.003	**1,360**
	06/11/14	**0.01030**	<0.002	<0.002	<0.003	**792**
	12/19/14	**0.00128**	<0.002	<0.002	<0.003	**399**
	06/03/15	**0.01070**	<0.002	<0.002	<0.003	**344**
	11/11/15	**0.00303**	<0.002	<0.002	<0.003	**555**
	04/05/16	**0.00778**	<0.002	<0.002	<0.003	**158**
	11/08/16	**0.00806**	<0.00600	<0.00600	<0.00900	**241**
	05/25/17	**0.00549**	<0.00600	<0.00600	<0.00600	**230**
	11/29/17	**0.00722**	<0.002	<0.002	<0.002	**153**
	06/14/18	**0.00577**	<0.00600	<0.00600	<0.00600	**170**
	04/05/19	**0.010**	<0.0002	<0.0004	<0.001	**127**
Duplicate (MW-Y)	04/05/19	--	--	--	--	**146**
	08/19/20	**0.00663**	<0.001	<0.001	**0.000217 J**	**98.5**
	10/25/21	<0.001	<0.001	<0.001	<0.001	**374**
DUP	10/25/21	<0.001	<0.001	<0.001	<0.001	**384**
	03/29/22	**0.000811 J**	**0.000634 J**	<0.001	**0.000386 J**	**98.8**
DUP-01	03/29/22	**0.00109**	**0.000908 J**	**0.000260 J**	**0.000524 J**	**96.0**
	06/21/23	<0.00200	<0.00500	<0.00200	<0.00600	**395**
DUP-01	06/21/23	**0.000507 J**	**0.00118 J**	<0.00200	<0.00600	**394**
MW-28	03/29/11	--	--	--	--	**757**
	11/29/11	**3.08**	**0.034**	**1.59**	**2.07**	**295**
	06/19/12	**2.43**	**0.094**	**1.61**	**2.04**	**419**
	12/04/12	**2.72**	<0.04	**1.90**	**2.83**	**357**
Dup-2	12/04/12	**2.44**	<0.04	**1.63**	**2.29**	--
	05/16/13	**1.12**	<0.04	**0.38**	**0.33**	**625**
	11/20/13	**1.56**	<0.02	**1.13**	**1.34**	**769**
	06/11/14	**2.21**	<0.02	**1.57**	**1.80**	**659**
	12/22/14	**1.94**	<0.04	**1.870**	**1.62**	**143**
	06/03/15	**1.47**	<0.04	**1.240**	**0.609**	**178**
	11/11/15	**0.75**	<0.04	**0.534**	**0.28**	**506**
	04/05/16	**1.03**	<0.002	**0.781**	**0.304**	**433**
	11/08/16	**1.16**	<0.0600	**1.04**	**0.285**	**408**
	05/25/17	**0.945**	<0.00600	**0.656**	**0.115**	**290**
	11/29/17	**1.84**	<0.002	**1.34**	**0.036**	**86.1**
	06/15/18	--	--	--	--	**452**
	04/05/19	**1.300**	**0.0008 J**	**0.470**	**0.053**	**208**
	08/19/20	**1.380**	<0.001	**0.238 (J)**	**0.00268 J**	**135**
Dup-01	08/19/20	**1.480**	<0.001	**0.377 (J)**	**0.00189 J**	**126**
	10/25/21	**Not Sampled**				
	03/29/22	--	--	--	--	**57.1**
	06/21/23	--	--	--	--	**103**
MW-30	06/02/15	<0.0008	<0.002	<0.002	<0.003	**4,980**
	11/11/15	<0.0008	<0.002	<0.002	<0.003	**4,570**
	04/05/16	<0.0008	<0.002	<0.002	<0.003	**4,640**
	11/09/16	<0.00200	<0.00600	<0.00600	<0.00900	**4,570**
	05/25/17	<0.00200	<0.00600	<0.00600	<0.00600	**3,790**
	11/29/17	<0.0008	<0.002	<0.002	<0.002	**3,200**
	06/15/18	--	--	--	--	**3,160**
	04/08/19	<0.0002	<0.0002	<0.0004	<0.001	**4,480**
	08/18/20	<0.001	<0.001	<0.001	<0.003	**7,790**
	10/26/21	--	--	--	--	**10,000**
	03/30/22	--	--	--	--	**11,000**
	06/22/23	--	--	--	--	**10,800**

Table 3
Summary of Groundwater Analytical Data - BTEX and Chloride (mg/L)
Targa Midstream Services LLC - Eunice Gas Plant
Eunice, Lea County, New Mexico

Well Designation	Date Sampled	Benzene	Toluene	Ethylbenzene	Total Xylenes	Chloride
NM WQCC Standard (mg/L):		**0.01**	**0.75**	**0.75**	**0.62**	**250**
MW-31	04/25/16	<0.0008	<0.002	<0.002	<0.003	**1,830**
	11/09/16	<0.00200	<0.00600	<0.00600	<0.00900	**1,940**
	05/25/17	<0.00200	<0.00600	<0.00600	<0.00600	**1,850**
	11/29/17	<0.0008	<0.002	<0.002	<0.002	**2,050**
	06/15/18	--	--	--	--	**2,480**
	04/08/19	<0.0002	<0.0002	<0.0004	<0.001	**3,100**
	08/18/20	<0.001	<0.001	<0.001	<0.003	**3,050**
	10/26/21	--	--	--	--	**3,210**
	03/30/22	--	--	--	--	**3,660**
	06/22/23	--	--	--	--	**4,040**

Notes:
Data reported in milligrams per liter (mg/L)
Data collected by others through June 14, 2018 and transposed from 2017 and 2018 Groundwater Monitoring Reports (Larson & Associates, Inc.)
< Denotes concentration below the Reporting Limit.
-- Denotes chemical not analyzed
J - Estimated value >= Detection Limit and <Quantitation Limit
(J) - Estimated value Assigned through Data Validation (Relative Percent Difference > 40% for organic analytes)
LNAPL: Light non-aqueous phase liquid
Highlighted value denotes concentration exceeds New Mexico Water Quality Control Commission (WQCC) Standard for Groundwater of 10,000 mg/L TDS

Figures



REFERENCE(S)

BASE MAP TAKEN FROM USGS.GOV, EUNICE AND EUNICE NE, NM 7.5 MIN. USGS QUADRANGLES, DATED 1969, REVISED 1979.

QUADRANGLE LOCATION

CLIENT
TARGA MIDSTREAM SERVICES LLC

PROJECT
EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

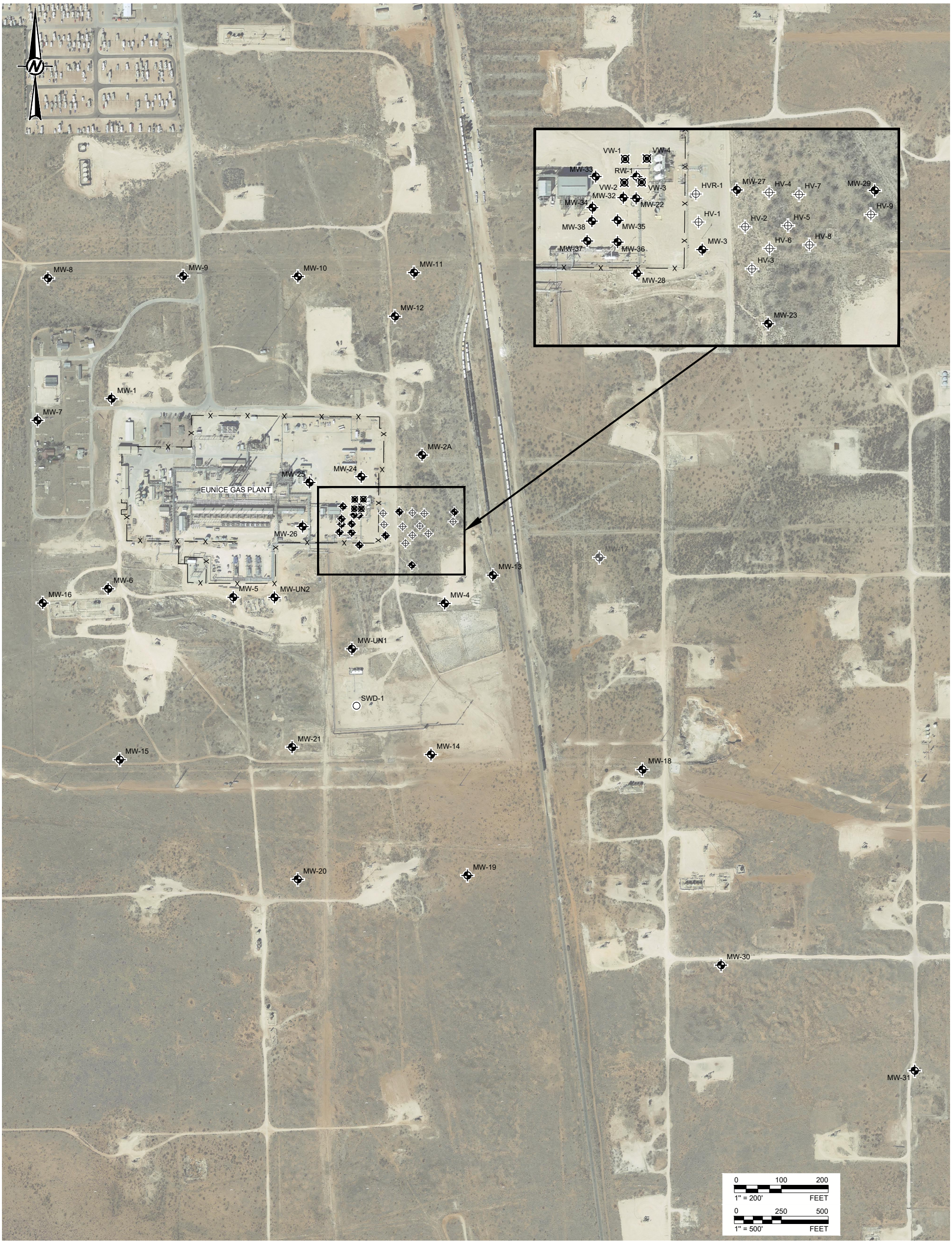
TITLE
SITE LOCATION MAP

CONSULTANT

YYYY-MM-DD	2023-07-17
DESIGNED	AJD
PREPARED	TNB
REVIEWED	SC
APPROVED	SC

PROJECT NO.	REV.	FIGURE
31404228.400	0	1

Path: \\golder.gds\complexdata\office\Texarkana\Projects - Round Rock_2018\18111105 - Targa Eunice Gas Plant\2023-07\ | File Name: 18111105-001-02.dwg | Last Edited By: tbookout Date: 2023-07-17 Time:10:24:44 AM | Printed By: TBookout Date: 2023-07-17 Time:11:43:28 AM



LEGEND

- SECURITY FENCE
- MONITORING WELL LOCATION
- HIGH VACUUM EXTRACTION WELL LOCATION
- RECOVERY WELL LOCATION
- MONITORING WELL LOCATION - PLUGGED
- SALT WATER DISPOSAL WELL

NOTE(S)

1. LOCATION OF PLUGGED MONITORING WELL MW-17 AND MONITORING WELLS MW-25, MW-27 AND MW-29 ARE APPROXIMATE.

REFERENCE(S)

BASE MAP TAKEN FROM GOOGLE EARTH, IMAGERY DATED 2/20/19.

CLIENT
TARGA MIDSTREAM SERVICES LLC

PROJECT
EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

TITLE
SITE MAP

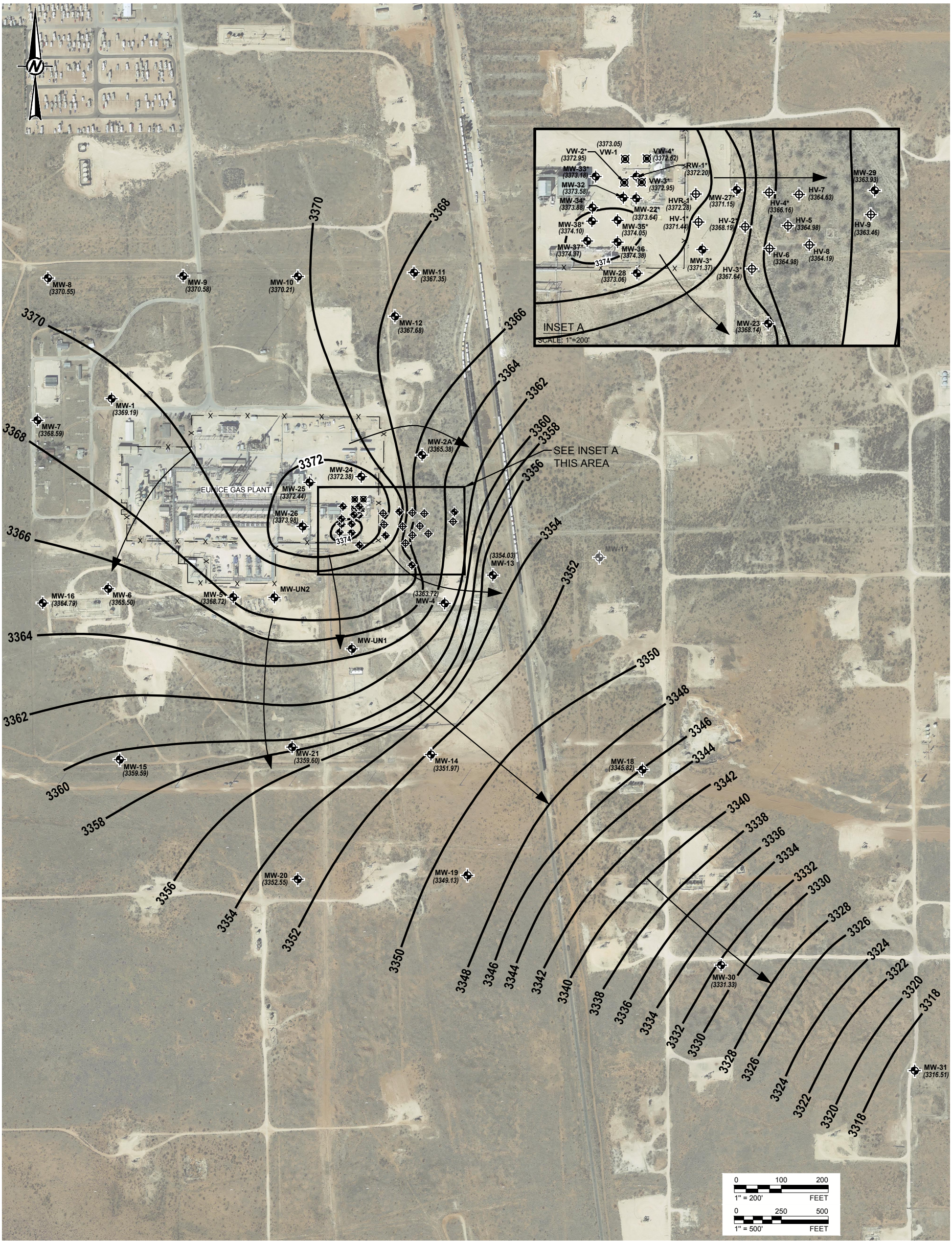
CONSULTANT

YYYY-MM-DD	2023-07-17
DESIGNED	AJD
PREPARED	TNB
REVIEWED	SC
APPROVED	SC

PROJECT NO.	REV.	FIGURE
31404228.400	0	2

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Path: \\golder.gds\complexdata\office\Texarkana\Projects - Round Rock_2018\18111105 - Targa Eunice Gas Plant\2023-07\ | File Name: 18111105-001-03.dwg | Last Edited By: tbookout Date: 2023-07-24 Time:5:02:14 PM | Printed By: TBookout Date: 2023-12-11 Time:11:42:02 AM



LEGEND

- SECURITY FENCE
- MONITORING WELL LOCATION
- HIGH VACUUM EXTRACTION WELL LOCATION
- RECOVERY WELL LOCATION
- MONITORING WELL LOCATION - PLUGGED
- (3352.08) GROUNDWATER POTENTIOMETRIC SURFACE (FT MSL)
- 3350 GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR (CONTOUR INTERVAL = 2 FT)
- GROUNDWATER FLOW DIRECTION

NOTE(S)

1. LOCATION OF PLUGGED MONITORING WELL MW-17 AND MONITORING WELLS MW-25, MW-27 AND MW-29 ARE APPROXIMATE.
2. * MEASURABLE LNAPL PRESENT

REFERENCE(S)

BASE MAP TAKEN FROM GOOGLE EARTH, IMAGERY DATED 2/20/19.

CLIENT
TARGA MIDSTREAM SERVICES LLC

PROJECT
EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

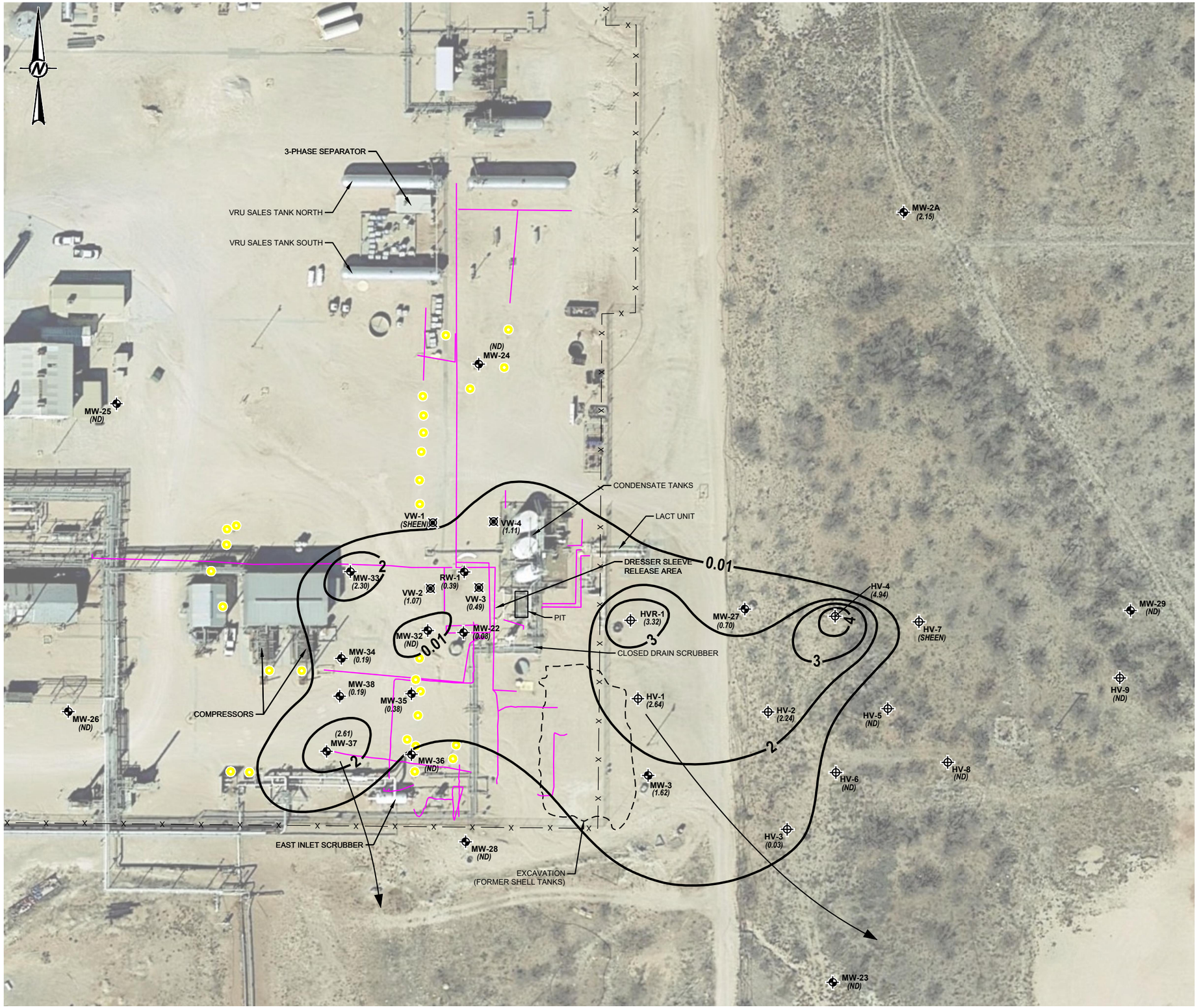
TITLE
GROUNDWATER GRADIENT MAP
JUNE 20, 2023

CONSULTANT

YYYY-MM-DD	2023-07-07
DESIGNED	AJD
PREPARED	TNB
REVIEWED	SC
APPROVED	SC

PROJECT NO. 31404228.400 | REV. 0 | FIGURE 3

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B



LEGEND

- SECURITY FENCE
- MONITORING WELL LOCATION
- HIGH VACUUM EXTRACTION WELL LOCATION
- RECOVERY WELL LOCATION
- POT HOLE LOCATION
- TRENCH LINE LOCATION
- (0.26) APPARENT LNAPL THICKNESS (FT)
- 0.01 APPARENT LNAPL THICKNESS CONTOUR
- GROUNDWATER FLOW DIRECTION (JUNE 2023)

NOTE(S)

1. ND - LNAPL NOT PRESENT AT MEASURABLE THICKNESS.
2. SHEEN - LNAPL SHEEN OBSERVED

REFERENCE(S)

BASE MAP TAKEN FROM GOOGLE EARTH, IMAGERY DATED 2/20/19.

0 37.5 75
1" = 75' FEET

CLIENT
TARGA MIDSTREAM SERVICES LLC

PROJECT
EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

TITLE
APPARENT LNAPL THICKNESS MAP
JUNE 20, 2023

CONSULTANT

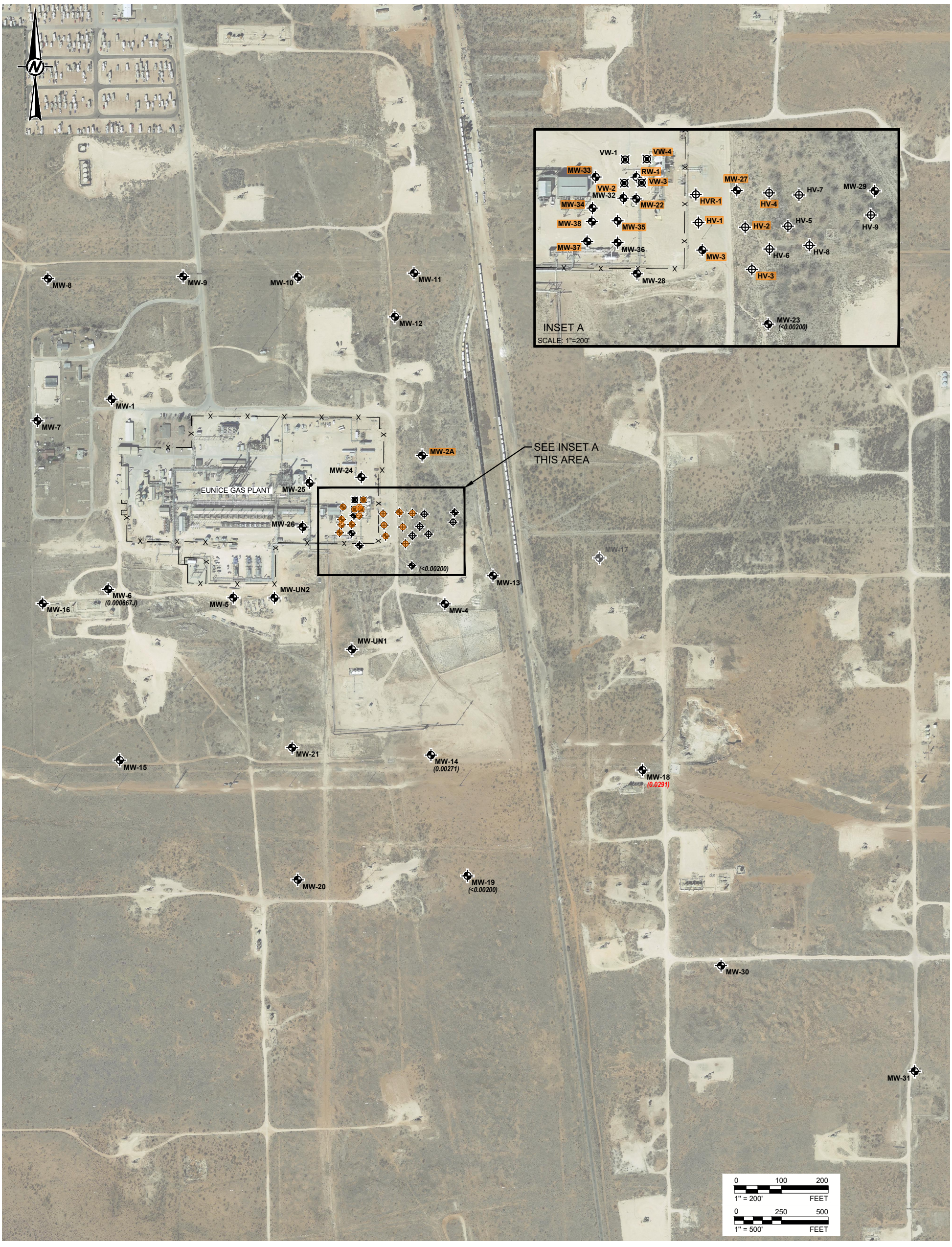
YYYY-MM-DD	2023-07-07
DESIGNED	AJD
PREPARED	TNB
REVIEWED	SC
APPROVED	SC

PROJECT NO. 31404228.400
REV. 0
FIGURE 4

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Path: \\golder.gds\complexdata\office\Texarkana\Projects - Round Rock\ 20181811111105 - Targa Eunice Gas Plant\2023-07\ | File Name: 181111105-001-04.dwg | Last Edited By: tbookout Date: 2023-07-07 Time:4:34:24 PM | Printed By: TBookout Date: 2023-07-17 Time:11:44:16 AM

Path: \\golder.gds\complexdata\office\Texarkana\Projects - Round Rock_2018\18111105 - Targa Eunice Gas Plant\2023-07\ | File Name: 18111105-001-05.dwg | Last Edited By: tbookout Date: 2023-07-24 Time:3:53:33 PM | Printed By: TBookout Date: 2023-07-24 Time:4:18:38 PM



LEGEND

- SECURITY FENCE
- MONITORING WELL LOCATION
- HIGH VACUUM EXTRACTION WELL LOCATION
- RECOVERY WELL LOCATION
- MONITORING WELL LOCATION - PLUGGED
- *(0.130)* BENZENE CONCENTRATION IN GROUNDWATER (mg/L)

NOTE(S)

1. LOCATION OF PLUGGED MONITORING WELL MW-17 AND MONITORING WELLS MW-25, MW-27 AND MW-29 ARE APPROXIMATE.
2. RED NUMBER SIGNIFIES BENZENE CONCENTRATION EXCEEDS NMWQCC HUMAN HEALTH STANDARD (0.010 mg/L).
3. ORANGE HIGHLIGHTING DENOTES A LOCATION WHERE MEASURABLE THICKNESS OF LNAPL WAS PRESENT.

REFERENCE(S)

BASE MAP TAKEN FROM GOOGLE EARTH, IMAGERY DATED 2/20/19.

CLIENT
TARGA MIDSTREAM SERVICES LLC

PROJECT
EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

TITLE
BENZENE IN GROUNDWATER CONCENTRATION MAP
JUNE 2023

CONSULTANT

YYYY-MM-DD	2023-07-24
DESIGNED	AJD
PREPARED	TNB
REVIEWED	SC
APPROVED	SC

PROJECT NO.	REV.	FIGURE
31404228.400	0	5

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

1 in
0

Path: \\golder.gds\complexdata\office\Texarkana\Projects - Round Rock_2018\18111105 - Targa Eunice Gas Plant\2023-07\ | File Name: 18111105-001-06.dwg | Last Edited By: tbookout Date: 2023-07-24 Time:4:40:17 PM | Printed By: TBookout Date: 2023-07-24 Time:4:42:04 PM

LEGEND

- SECURITY FENCE
- MONITORING WELL LOCATION
- HIGH VACUUM EXTRACTION WELL LOCATION
- RECOVERY WELL LOCATION
- MONITORING WELL LOCATION - PLUGGED
- *(127)* CHLORIDE CONCENTRATION IN GROUNDWATER (mg/L)

NOTE(S)

1. LOCATION OF PLUGGED MONITORING WELL MW-17 AND MONITORING WELLS MW-25, MW-27 AND MW-29 ARE APPROXIMATE.
2. RED NUMBER SIGNIFIES CHLORIDE CONCENTRATION EXCEEDS NMWQCC HUMAN HEALTH STANDARD (250 mg/L).

REFERENCE(S)

BASE MAP TAKEN FROM GOOGLE EARTH, IMAGERY DATED 2/20/19.

CLIENT
TARGA MIDSTREAM SERVICES LLC

PROJECT
EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

TITLE
CHLORIDE IN GROUNDWATER CONCENTRATION MAP
JUNE 2023

CONSULTANT

YYYY-MM-DD	2023-07-24
DESIGNED	AJD
PREPARED	TNB
REVIEWED	SC
APPROVED	SC

PROJECT NO. 31404228.400 | REV. 0 | FIGURE 6

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

APPENDIX A

Notification of Groundwater Sampling Event

Crowley, Steven

From: Crowley, Steven
Sent: Friday, June 9, 2023 3:19 PM
To: mike.bratcher@emnrd.nm.gov
Cc: Higginbotham, Christina M.; Klein, Cindy S.; Reynolds, Sylwia A.; Mason, Zac T.; Schuehle, Zachary
Subject: Notice of Upcoming Annual Groundwater Sampling Event - Targa Gas Plant, Lea County, NM June 20-22, 2023

Mr. Bratcher,

Thanks for taking time to talk with me this afternoon. Please forward this message to whoever is assigned this project at NMOCD.

WSP USA Inc. (formerly Golder Associates), on behalf of Targa Midstream Services, LLC is providing New Mexico Oil Conservation Division with notice of annual groundwater sampling scheduled for June 20-22, 2023 at the Eunice Gas Plant located in Lea County, NM. The groundwater monitoring event will include sampling of 14 monitoring wells along with a sitewide fluid gauging event.

The WSP representative on site will be Zach Schuehle who can be reached at (830) 305-3959 (cell) and can provide details as to expected time of arrival on site each day.

Please contact me with any questions regarding this work or for more detail on the field schedule.

Regards,
Steve Crowley

Steve Crowley, P.G., ARSM
Assistant Vice President, Geologist

T+ 1 512-220-7469
M+ 1 512-740-2982

WSP USA Inc.
1601 South Mopac Expressway
Austin, Texas 78726
USA

wsp.com

APPENDIX B

Laboratory Analytical Reports

Pace Analytical®

ANALYTICAL REPORT

July 07, 2023

Golder - Austin, TX

Sample Delivery Group:	L1628506
Samples Received:	06/22/2023
Project Number:	31404228.400
Description:	Targa Eunice Gas Plant 2023 Annual GWM
Site:	TARGA EUNICE GAS PLANT
Report To:	Steve Crowley 1601 South Mopac Expressway Austin, TX 78726

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas
400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Tr: TRRP Summary 6

TRRP form R 7

TRRP form S 8

TRRP Exception Reports 9

Sr: Sample Results 10

MW-19 L1628506-01 10

MW-23 L1628506-02 11

DUP-01 L1628506-03 12

MW-6 L1628506-04 13

MW-18 L1628506-05 14

MW-14 L1628506-06 15

MW-28 L1628506-07 16

EB-01 L1628506-08 17

Qc: Quality Control Summary 18

Wet Chemistry by Method 9056A 18

Volatile Organic Compounds (GC/MS) by Method 8260 19

Gl: Glossary of Terms 21

Al: Accreditations & Locations 22

Sc: Sample Chain of Custody 23

MW-19 L1628506-01 GW

Collected by: Zachary Schuehle | Collected date/time: 06/21/23 06:55 | Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 18:32	06/30/23 18:32	SMC	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 8260	WG2083597	1	06/23/23 18:56	06/23/23 18:56	ZST	Allen, TX

MW-23 L1628506-02 GW

Collected by: Zachary Schuehle | Collected date/time: 06/21/23 08:10 | Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 11:54	06/30/23 11:54	SMC	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 8260	WG2083196	1	06/23/23 17:09	06/23/23 17:09	ZST	Allen, TX

DUP-01 L1628506-03 GW

Collected by: Zachary Schuehle | Collected date/time: 06/21/23 00:00 | Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 12:14	06/30/23 12:14	SMC	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 8260	WG2083196	1	06/23/23 17:58	06/23/23 17:58	ZST	Allen, TX

MW-6 L1628506-04 GW

Collected by: Zachary Schuehle | Collected date/time: 06/21/23 10:00 | Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 12:34	06/30/23 12:34	SMC	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 8260	WG2083597	1	06/23/23 20:09	06/23/23 20:09	ZST	Allen, TX

MW-18 L1628506-05 GW

Collected by: Zachary Schuehle | Collected date/time: 06/21/23 11:20 | Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 18:52	06/30/23 18:52	SMC	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 8260	WG2083597	1	06/23/23 20:34	06/23/23 20:34	ZST	Allen, TX

MW-14 L1628506-06 GW

Collected by: Zachary Schuehle | Collected date/time: 06/21/23 12:25 | Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 19:12	06/30/23 19:12	SMC	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 8260	WG2083597	1	06/23/23 20:59	06/23/23 20:59	ZST	Allen, TX

MW-28 L1628506-07 GW

Collected by: Zachary Schuehle | Collected date/time: 06/21/23 13:45 | Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 13:34	06/30/23 13:34	SMC	Allen, TX

SAMPLE SUMMARY

EB-01 L1628506-08 GW

Collected by: Zachary Schuehle
Collected date/time: 06/21/23 12:40
Received date/time: 06/22/23 08:50

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 14:33	06/30/23 14:33	SMC	Allen, TX
Volatile Organic Compounds (GC/MS) by Method 8260	WG2083597	1	06/23/23 21:23	06/23/23 21:23	ZST	Allen, TX

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Revised May 2010

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Chris McCord

Project Manager

SG-365 (TRRP-13)
Revised May 2010

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/07/2023 17:24
Project Name: Targa Eunice Gas Plant 2023 Annual GWM	Laboratory Job Number: L1628506-01, 02, 03, 04, 05, 06, 07 and 08
Reviewer Name: Chris McCord	Prep Batch Number(s): WG2083196, WG2083597 and WG2086772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?	X				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?		X			1
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		X			2
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/07/2023 17:24
Project Name: Targa Eunice Gas Plant 2023 Annual GWM	Laboratory Job Number: L1628506-01, 02, 03, 04, 05, 06, 07 and 08
Reviewer Name: Chris McCord	Prep Batch Number(s): WG2083196, WG2083597 and WG2086772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?	X				
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?	X				
		Were ion abundance data within the method-required QC limits?	X				
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?	X				
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?			X		
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst's competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Revised May 2010

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/07/2023 17:24
Project Name: Targa Eunice Gas Plant 2023 Annual GWM	Laboratory Job Number: L1628506-01, 02, 03, 04, 05, 06, 07 and 08
Reviewer Name: Chris McCord	Prep Batch Number(s): WG2083196, WG2083597 and WG2086772

ER #[1]	Description
1	8260 WG2083597 1,2-Dichloroethane-d4 L1628506-05 and 06: Percent Recovery is outside of established control limits.
2	8260 WG2083196 Xylenes, Total: Percent Recovery is outside of established control limits.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	7590		0.0541	0.800	0.800	1	06/30/2023 18:32	WG2086772

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000493	0.00200	0.00200	1	06/23/2023 18:56	WG2083597
Ethylbenzene	U		0.000462	0.00200	0.00200	1	06/23/2023 18:56	WG2083597
Toluene	U		0.000998	0.00500	0.00500	1	06/23/2023 18:56	WG2083597
Xylenes, Total	U		0.00132	0.00600	0.00600	1	06/23/2023 18:56	WG2083597
(S) 1,2-Dichloroethane-d4	*80.1*				*70.0-130*		*06/23/2023 18:56*	WG2083597
(S) 4-Bromofluorobenzene	*103*				*70.0-130*		*06/23/2023 18:56*	WG2083597
(S) Toluene-d8	*101*				*70.0-130*		*06/23/2023 18:56*	WG2083597

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	395		0.0541	0.800	0.800	1	06/30/2023 11:54	WG2086772

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	U		0.000493	0.00200	0.00200	1	06/23/2023 17:09	WG2083196
Ethylbenzene	U		0.000462	0.00200	0.00200	1	06/23/2023 17:09	WG2083196
Toluene	U		0.000998	0.00500	0.00500	1	06/23/2023 17:09	WG2083196
Xylenes, Total	U		0.00132	0.00600	0.00600	1	06/23/2023 17:09	WG2083196
(S) 1,2-Dichloroethane-d4	*105*				*70.0-130*		*06/23/2023 17:09*	WG2083196
(S) 4-Bromofluorobenzene	*103*				*70.0-130*		*06/23/2023 17:09*	WG2083196
(S) Toluene-d8	*103*				*70.0-130*		*06/23/2023 17:09*	WG2083196

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	394		0.0541	0.800	0.800	1	06/30/2023 12:14	WG2086772

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.000507	J	0.000493	0.00200	0.00200	1	06/23/2023 17:58	WG2083196
Ethylbenzene	U		0.000462	0.00200	0.00200	1	06/23/2023 17:58	WG2083196
Toluene	0.00118	J	0.000998	0.00500	0.00500	1	06/23/2023 17:58	WG2083196
Xylenes, Total	U		0.00132	0.00600	0.00600	1	06/23/2023 17:58	WG2083196
(S) 1,2-Dichloroethane-d4	*105*				*70.0-130*		*06/23/2023 17:58*	WG2083196
(S) 4-Bromofluorobenzene	*106*				*70.0-130*		*06/23/2023 17:58*	WG2083196
(S) Toluene-d8	*101*				*70.0-130*		*06/23/2023 17:58*	WG2083196

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	841		0.0541	0.800	0.800	1	06/30/2023 12:34	WG2086772

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.000667	J	0.000493	0.00200	0.00200	1	06/23/2023 20:09	WG2083597
Ethylbenzene	U		0.000462	0.00200	0.00200	1	06/23/2023 20:09	WG2083597
Toluene	U		0.000998	0.00500	0.00500	1	06/23/2023 20:09	WG2083597
Xylenes, Total	U		0.00132	0.00600	0.00600	1	06/23/2023 20:09	WG2083597
(S) 1,2-Dichloroethane-d4	*98.0*				*70.0-130*		*06/23/2023 20:09*	WG2083597
(S) 4-Bromofluorobenzene	*103*				*70.0-130*		*06/23/2023 20:09*	WG2083597
(S) Toluene-d8	*104*				*70.0-130*		*06/23/2023 20:09*	WG2083597

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	13700		0.0541	0.800	0.800	1	06/30/2023 18:52	WG2086772

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0291		0.000493	0.00200	0.00200	1	06/23/2023 20:34	WG2083597
Ethylbenzene	U		0.000462	0.00200	0.00200	1	06/23/2023 20:34	WG2083597
Toluene	U		0.000998	0.00500	0.00500	1	06/23/2023 20:34	WG2083597
Xylenes, Total	U		0.00132	0.00600	0.00600	1	06/23/2023 20:34	WG2083597
(S) 1,2-Dichloroethane-d4	*66.2*	J2			*70.0-130*		*06/23/2023 20:34*	WG2083597
(S) 4-Bromofluorobenzene	*100*				*70.0-130*		*06/23/2023 20:34*	WG2083597
(S) Toluene-d8	*95.4*				*70.0-130*		*06/23/2023 20:34*	WG2083597

1 Cp
2 Tc
3 Ss
4 Cn
5 Tr
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	17600		0.0541	0.800	0.800	1	06/30/2023 19:12	WG2086772

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Benzene	0.00271		0.000493	0.00200	0.00200	1	06/23/2023 20:59	WG2083597
Ethylbenzene	U		0.000462	0.00200	0.00200	1	06/23/2023 20:59	WG2083597
Toluene	U		0.000998	0.00500	0.00500	1	06/23/2023 20:59	WG2083597
Xylenes, Total	U		0.00132	0.00600	0.00600	1	06/23/2023 20:59	WG2083597
(S) 1,2-Dichloroethane-d4	*66.2*	J2			*70.0-130*		*06/23/2023 20:59*	WG2083597
(S) 4-Bromofluorobenzene	*101*				*70.0-130*		*06/23/2023 20:59*	WG2083597
(S) Toluene-d8	*96.2*				*70.0-130*		*06/23/2023 20:59*	WG2083597

1 Cp
2 Tc
3 Ss
4 Cn
5 Tr
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

MW-28
Collected date/time: 06/21/23 13:45

L1628506

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	103		0.0541	0.800	0.800	1	06/30/2023 13:34	WG2086772

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Chloride	0.0950	B J	0.0541	0.800	0.800	1	06/30/2023 14:33	WG2086772

Volatile Organic Compounds (GC/MS) by Method 8260

Analyte	Result mg/l	Qualifier	SDL mg/l	Unadj. MQL mg/l	MQL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.000493	0.00200	0.00200	1	06/23/2023 21:23	WG2083597
Ethylbenzene	U		0.000462	0.00200	0.00200	1	06/23/2023 21:23	WG2083597
Toluene	U		0.000998	0.00500	0.00500	1	06/23/2023 21:23	WG2083597
Xylenes, Total	U		0.00132	0.00600	0.00600	1	06/23/2023 21:23	WG2083597
(S) 1,2-Dichloroethane-d4	*101*				*70.0-130*		*06/23/2023 21:23*	WG2083597
(S) 4-Bromofluorobenzene	*101*				*70.0-130*		*06/23/2023 21:23*	WG2083597
(S) Toluene-d8	*101*				*70.0-130*		*06/23/2023 21:23*	WG2083597

Method Blank (MB)

(MB) R3944257-1 06/30/23 10:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0960	J	0.0541	0.800

Laboratory Control Sample (LCS)

(LCS) R3944257-2 06/30/23 11:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	5.00	4.96	99.1	80.0-120	

L1628506-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628506-02 06/30/23 11:54 • (MS) R3944257-3 06/30/23 19:32 • (MSD) R3944257-4 06/30/23 19:52

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	395	873	864	95.6	93.9	1	80.0-120			1.03	20

L1628863-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628863-01 06/30/23 14:53 • (MS) R3944257-5 06/30/23 20:12 • (MSD) R3944257-6 06/30/23 20:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	1030	1480	1490	90.0	91.4	1	80.0-120			0.462	20

Method Blank (MB)

(MB) R3940851-2 06/23/23 08:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000493	0.00200
Ethylbenzene	U		0.000462	0.00200
Toluene	U		0.000998	0.00500
Xylenes, Total	U		0.00132	0.00600
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*
(S) 4-Bromofluorobenzene	*103*			*70.0-130*
(S) Toluene-d8	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3940851-1 06/23/23 07:52

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0200	0.0181	90.5	73.0-131	
Ethylbenzene	0.0200	0.0183	91.5	76.0-129	
Toluene	0.0200	0.0186	93.0	73.0-130	
Xylenes, Total	0.0600	0.0558	93.0	78.0-124	
(S) 1,2-Dichloroethane-d4			*102*	*70.0-130*	
(S) 4-Bromofluorobenzene			*97.6*	*70.0-130*	
(S) Toluene-d8			*98.2*	*70.0-130*	

L1628163-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628163-07 06/23/23 11:18 • (MS) R3940851-3 06/23/23 11:51 • (MSD) R3940851-4 06/23/23 12:15

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	20.0	13.4	34.1	32.9	104	97.5	1000	74.0-130			3.58	20
Ethylbenzene	20.0	2.90	24.1	23.6	106	104	1000	77.0-127			2.10	20
Toluene	20.0	23.3	46.5	45.3	116	110	1000	74.0-127			2.61	20
Xylenes, Total	60.0	U	83.9	82.4	140	137	1000	71.0-133	J5	J5	1.80	20
(S) 1,2-Dichloroethane-d4					*101*	*101*		*70.0-130*				
(S) 4-Bromofluorobenzene					*98.9*	*98.3*		*70.0-130*				
(S) Toluene-d8					*99.5*	*101*		*70.0-130*				

Method Blank (MB)

(MB) R3941026-2 06/23/23 16:19

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000493	0.00200
Ethylbenzene	U		0.000462	0.00200
Toluene	U		0.000998	0.00500
Xylenes, Total	U		0.00132	0.00600
(S) 1,2-Dichloroethane-d4	*93.7*			*70.0-130*
(S) 4-Bromofluorobenzene	*104*			*70.0-130*
(S) Toluene-d8	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3941026-1 06/23/23 15:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.0200	0.0184	92.0	73.0-131	
Ethylbenzene	0.0201	0.0189	94.0	76.0-129	
Toluene	0.0200	0.0190	95.0	73.0-130	
Xylenes, Total	0.0596	0.0572	96.0	78.0-124	
(S) 1,2-Dichloroethane-d4			*109*	*70.0-130*	
(S) 4-Bromofluorobenzene			*100*	*70.0-130*	
(S) Toluene-d8			*102*	*70.0-130*	

L1628506-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628506-01 06/23/23 18:56 • (MS) R3941026-3 06/23/23 19:20 • (MSD) R3941026-4 06/23/23 19:45

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0200	U	0.0154	0.0166	77.0	83.0	1	74.0-130			7.50	20
Ethylbenzene	0.0201	U	0.0199	0.0199	99.0	99.0	1	77.0-127			0.000	20
Toluene	0.0200	U	0.0192	0.0197	96.0	98.5	1	74.0-127			2.57	20
Xylenes, Total	0.0600	U	0.0615	0.0602	103	100	1	71.0-133			2.14	20
(S) 1,2-Dichloroethane-d4					*85.1*	*91.4*		*70.0-130*				
(S) 4-Bromofluorobenzene					*98.4*	*97.2*		*70.0-130*				
(S) Toluene-d8					*98.4*	*101*		*70.0-130*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-22-37
Iowa	408	Oklahoma	8727
Louisiana	30686		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Golder - Austin, TX

1601 South Mopac Expressway
Austin, TX 78726

Billing Information:
Accounts Payable
2201 Double Creek Dr.

Suite 4004
Round Rock, TX 78664

Pres Chk

Report to:
Steve Crowley

Email To: **steven.crowley@wsp.com;zachary.schuehle@wsp.com;gregory.logan@wsp.com**

Project Description:
Targa Eunice Gas Plant 2023 Annual GWM

City/State Collected: **Eunice, NM**

Please Circle: PT MT CT ET

Phone: **512-220-7469**

Client Project #
31404228.400

Lab Project #
GOLDATX-TARGA

Collected by (print):
Zachary Schuehle

Site/Facility ID #
Targa Eunice Gas Plant

P.O. #

Collected by (signature):
Zach Schuehle

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed
Standard TAT

Analysis / Container / Preservative

Chain of Custody Page 8 of 18
1 of 1

Pace Analytical®
190 Allen, TX 75013

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1628506

Table #

Acctnum: **GOLDATX**
Template: **T231679**
Prelogin: **P1004743**
PM: **526 - Chris McCord**
PB:

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALLCHLORIDE 500mlHDPE-NoPres	ALLV8260BTEX 40mlClr-HCl	Remarks	Sample # (lab only)
MW-19	G	GW		6-21-23	655	4	X	X		-01
MW-23	G	GW		6-21-23	810	4	X	X		-02
MS/MSD	G	GW		6-21-23	810	8	X	X		↓
DUP-01	G	GW		6-21-23	0000	4	X	X		-03
MW-6	G	GW		6-21-23	1000	4	X	X		-04
MW-18	G	GW		6-21-23	1120	4	X	X		-05
MW-14	G	GW		6-21-23	1225	4	X	X		-06
MW-28	G	GW		6-21-23	1345	1	X			-07
TB-01		GW				2		X		
		GW							"EB-01"	-08

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Zach Schuehle	6-21-23	1700	FedEx		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
FedEx	6/22/23	0850	Aysen Ramos/PACE	6/22/23 0850	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK

DAL 6/22 - L1628506 GOLDATX NCF - OC

R5

Time estimate: oh **Time spent:** oh

Members

OC Olivia Currie (responsible) CM Christopher McCord

- [ ] 1 . If Chain-of-custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.
- [ ] 2. If COC is incomplete, check applicable issues below and add details where appropiate:
- [ ] *Collection date/time missing or incorrect
- [ ] *Analyses or analytes: missing or Clarification needed
- [x] *Samples listed on COC do not match samples recieved (missing, additional,etc.)
- [ ] *Sample IDs on COC do not match sample Labels
- [x] *Required trip blanks were not received
- [ ] *Required signatures are missing
- [ ] 3. Sample integrity issues: check applicable issues below and add details where appropriate:
- [ ] *Samples: Past holding time
- [ ] *Samples: Not Field Filtered
- [ ] *samples: Insufficent volume received
- [ ] *Samples: Cooler damaged or compromised
- [ ] *Samples: contain Chlorine or Sulfide
- [ ] *Samples: condition needs to be brought to lab personnel's attention (details below)
- [ ] *Containers: Broken or compromised
- [ ] *Containers: Incorrect
- [ ] *Custody Seals: missing or compromised on samples, trip blanks or coolers
- [ ] *Packing Material: Insufficient/Improper
- [ ] *Preservation: improper
- [ ] *Temperature:not witin acceptance criteria (typically 0-6C)
- [ ] *Temperature: Samples arrived frozen
- [ ] *Vials received with improper headspace
- [ ] *Other:
- [ ] 4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:
- [ ] Sample ID:_____
- [ ] Preserved by:_____
- [ ] Date/Time:_____
- [ ] Initial and Final pH:_____
- [ ] Amount/type pres added:_____
- [ ] Lot # of Pres added:_____
- [ ] 5. Client contact: If Client is Contacted for any issue listed above, fill in details below:
- [ ] Client:
- [x] PM Initials: CM
- [ ] Contacted per:
- [x] Date/Time: 6/23/23 12:54

Comments

Olivia Currie *22 June 2023 5:45 PM*

did not receive 2 ALLV8260BTEX vials labelled "TB-01"

.

received sample set labelled "EB-01": 3 ALLV8260BTEX vials, 1 500ml Chloride; logged as -08; collection date/ time logged per containers

Christopher McCord *23 June 2023 12:19 PM*

No Trip Blanks received?

Olivia Currie *23 June 2023 12:25 PM*

did not receive trip blanks

Christopher McCord *23 June 2023 12:54 PM*

Thanks. I'll let the client know.

PACE ANALYTICAL
400 W BETHANY DR #190

ALLEN TX 75013
(972) 727-1123
INV:
PO: REF:
RMA: DEPT:

FedEx
Express

E

RT 427 5 D
10:30
ST 4 6986
06.22

Use This Label Monday – Thursday
(Your Shipment Will be Delivered to PACE NATIONAL Next Day A.M.
Time and Temperature Sensitive Shipment

FedEx
TRK# 0221
6519 6395 6986

AD DNEA

THU – 22 JUN 10:30A
PRIORITY OVERNIGHT

75013
TX-US DFW

Part # 156297-435 RRDB2 EXP 06/24

#2630577 06/21 583J2/29A8/FE2D

Pace Analytical®
National Center for Testing & Innovation

RT 427 5 D
10:30
ST 4

Pace Analytical	Document Name: Sample Condition Upon Receipt	Document Revised: 7/27/20 Page 1 of 1
	Document No.: F-DAL-C-001-rev.14	Issuing Authority: Pace Dallas Quality Office

Sample Condition Upon Receipt

☑Dallas ☐Ft Worth ☐Corpus Christi ☐Austin

Client Name: Golder-Austin, TX Project Work order (place label):

Courier: FedEX ☑ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____

Tracking #: 6519 6395 6986

Custody Seal on Cooler/Box: Yes ☑ No ☐

Received on ice: Wet ☑ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: IR7 **Cooler Temp °C:** 0.8 (Recorded) -0.2 (Correction Factor) 0.6 (Actual)

Receiving Lab 2 Thermometer Used: _____ **Cooler Temp °C:** _____(Recorded) _____(Correction Factor) _____(Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: AR Date: 6/22/23

Chain of Custody relinquished	Yes ☑ No ☐
Sampler name & signature on COC	Yes ☑ No ☐
Short HT analyses (<72 hrs)	Yes ☐ No ☑

Login Person: OC Date: 6/22

Sufficient Volume received	Yes ☑ No ☐
Correct Container used	Yes ☑ No ☐
Container Intact	Yes ☑ No ☐
Sample pH Acceptable pH Strips:_____ Residual Chlorine Present Cl Strips:_____ Sulfide Present Lead Acetate Strips:_____	Yes ☐ No ☐ NA ☑ Yes ☐ No ☐ NA ☑ Yes ☐ No ☐ NA ☑
Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH)	Yes ☐ No ☐ NA ☑
Unpreserved 5035A soil frozen within 48 hrs	Yes ☐ No ☐ NA ☑
Headspace in VOA (>6mm)	Yes ☐ No ☑ NA ☐
Project sampled in USDA Regulated Area outside of Texas State Sampled:_____	Yes ☐ No ☐ NA ☑
Non-Conformance(s):	Yes ☐ No ☑ OC 6/22

Labeling Person (if different than log-in): _____ Date: _____

ANALYTICAL REPORT

July 07, 2023

Golder - Austin, TX

Sample Delivery Group:	L1628871
Samples Received:	06/23/2023
Project Number:	31404228.400
Description:	Targa Eunice Gas Plant 2023 Annual GWM
Site:	TARGA EUNICE GAS PLANT
Report To:	Steve Crowley 1601 South Mopac Expressway Austin, TX 78726

Entire Report Reviewed By:

Chris McCord
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical Services, LLC -Dallas
400 W. Bethany Drive Suite 190 Allen, TX 75013 972-727-1123 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 4

Tr: TRRP Summary 5

TRRP form R 6

TRRP form S 7

TRRP Exception Reports 8

Sr: Sample Results 9

MW-5 L1628871-01 9

MW-1 L1628871-02 10

MW-15 L1628871-03 11

MW-8 L1628871-04 12

MW-20 L1628871-05 13

MW-13 L1628871-06 14

MW-31 L1628871-07 15

MW-30 L1628871-08 16

Qc: Quality Control Summary 17

Wet Chemistry by Method 9056A 17

Gl: Glossary of Terms 18

Al: Accreditations & Locations 19

Sc: Sample Chain of Custody 20

SAMPLE SUMMARY

MW-5 L1628871-01 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 06:05 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 15:13	06/30/23 15:13	SMC	Allen, TX

MW-1 L1628871-02 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 07:00 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 15:33	06/30/23 15:33	SMC	Allen, TX

MW-15 L1628871-03 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 07:55 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 15:52	06/30/23 15:52	SMC	Allen, TX

MW-8 L1628871-04 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 09:00 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 16:12	06/30/23 16:12	SMC	Allen, TX

MW-20 L1628871-05 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 10:05 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 20:51	06/30/23 20:51	SMC	Allen, TX

MW-13 L1628871-06 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 11:20 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 16:52	06/30/23 16:52	SMC	Allen, TX

MW-31 L1628871-07 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 12:25 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 22:11	06/30/23 22:11	SMC	Allen, TX

MW-30 L1628871-08 GW

Collected by: Zachary Schuehle | Collected date/time: 06/22/23 13:15 | Received date/time: 06/23/23 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2086772	1	06/30/23 21:11	06/30/23 21:11	SMC	Allen, TX

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Chris McCord
Project Manager

Revised May 2010

Laboratory Data Package Cover Page

This data package consists of this signature page, the laboratory review checklist, and the following reportable data as applicable:

R1 - Field chain-of-custody documentation;

R2 - Sample identification cross-reference;

R3 - Test reports (analytical data sheets) for each environmental sample that includes:

a. Items consistent with NELAC Chapter 5,

b. dilution factors,

c. preparation methods,

d. cleanup methods, and

e. if required for the project, tentatively identified compounds (TICs).

R4 - Surrogate recovery data including:

a. Calculated recovery (%R), and

b. The laboratory's surrogate QC limits.

R5 - Test reports/summary forms for blank samples;

R6 - Test reports/summary forms for laboratory control samples (LCSs) including:

a. LCS spiking amounts,

b. Calculated %R for each analyte, and

c. The laboratory's LCS QC limits.

R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:

a. Samples associated with the MS/MSD clearly identified,

b. MS/MSD spiking amounts,

c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,

d. Calculated %Rs and relative percent differences (RPDs), and

e. The laboratory's MS/MSD QC limits

R8 - Laboratory analytical duplicate (if applicable) recovery and precision:

a. The amount of analyte measured in the duplicate,

b. The calculated RPD, and

c. The laboratory's QC limits for analytical duplicates.

R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix.

R10 - Other problems or anomalies.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Chris McCord

Project Manager

Laboratory Review Checklist: Reportable Data

Laboratory Name: Pace Analytical National	LRC Date: 07/07/2023 17:25
Project Name: Targa Eunice Gas Plant 2023 Annual GWM	Laboratory Job Number: L1628871-01, 02, 03, 04, 05, 06, 07 and 08
Reviewer Name: Chris McCord	Prep Batch Number(s): WG2086772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	Chain-of-custody (C-O-C)					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	X				
		Were all departures from standard conditions described in an exception report?			X		
R2	OI	Sample and quality control (QC) identification					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	X				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	X				
R3	OI	Test reports					
		Were all samples prepared and analyzed within holding times?	X				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	X				
		Were calculations checked by a peer or supervisor?	X				
		Were all analyte identifications checked by a peer or supervisor?	X				
		Were sample detection limits reported for all analytes not detected?	X				
		Were all results for soil and sediment samples reported on a dry weight basis?	X				
		Were % moisture (or solids) reported for all soil and sediment samples?			X		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			X		
		If required for the project, are TICs reported?			X		
R4	O	Surrogate recovery data					
		Were surrogates added prior to extraction?			X		
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	X				
R5	OI	Test reports/summary forms for blank samples					
		Were appropriate type(s) of blanks analyzed?	X				
		Were blanks analyzed at the appropriate frequency?	X				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	X				
		Were blank concentrations < MQL?	X				
R6	OI	Laboratory control samples (LCS):					
		Were all COCs included in the LCS?	X				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	X				
		Were LCSs analyzed at the required frequency?	X				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	X				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	X				
		Was the LCSD RPD within QC limits?	X				
R7	OI	Matrix spike (MS) and matrix spike duplicate (MSD) data					
		Were the project/method specified analytes included in the MS and MSD?	X				
		Were MS/MSD analyzed at the appropriate frequency?	X				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	X				
		Were MS/MSD RPDs within laboratory QC limits?	X				
R8	OI	Analytical duplicate data					
		Were appropriate analytical duplicates analyzed for each matrix?			X		
		Were analytical duplicates analyzed at the appropriate frequency?			X		
		Were RPDs or relative standard deviations within the laboratory QC limits?			X		
R9	OI	Method quantitation limits (MQLs):					
		Are the MQLs for each method analyte included in the laboratory data package?	X				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	X				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	X				
R10	OI	Other problems/anomalies					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	X				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	X				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	X				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Review Checklist: Supporting Data

Laboratory Name: Pace Analytical National	LRC Date: 07/07/2023 17:25
Project Name: Targa Eunice Gas Plant 2023 Annual GWM	Laboratory Job Number: L1628871-01, 02, 03, 04, 05, 06, 07 and 08
Reviewer Name: Chris McCord	Prep Batch Number(s): WG2086772

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	Initial calibration (ICAL)					
		Were response factors and/or relative response factors for each analyte within QC limits?			X		
		Were percent RSDs or correlation coefficient criteria met?	X				
		Was the number of standards recommended in the method used for all analytes?	X				
		Were all points generated between the lowest and highest standard used to calculate the curve?	X				
		Are ICAL data available for all instruments used?	X				
		Has the initial calibration curve been verified using an appropriate second source standard?	X				
S2	OI	Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):					
		Was the CCV analyzed at the method-required frequency?	X				
		Were percent differences for each analyte within the method-required QC limits?	X				
		Was the ICAL curve verified for each analyte?	X				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?	X				
S3	O	Mass spectral tuning					
		Was the appropriate compound for the method used for tuning?			X		
		Were ion abundance data within the method-required QC limits?			X		
S4	O	Internal standards (IS)					
		Were IS area counts and retention times within the method-required QC limits?	X				
S5	OI	Raw data (NELAC Section 5.5.10)					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	X				
		Were data associated with manual integrations flagged on the raw data?			X		
S6	O	Dual column confirmation					
		Did dual column confirmation results meet the method-required QC?			X		
S7	O	Tentatively identified compounds (TICs)					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			X		
S8	I	Interference Check Sample (ICS) results					
		Were percent recoveries within method QC limits?			X		
S9	I	Serial dilutions, post digestion spikes, and method of standard additions					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			X		
S10	OI	Method detection limit (MDL) studies					
		Was a MDL study performed for each reported analyte?	X				
		Is the MDL either adjusted or supported by the analysis of DCSs?	X				
S11	OI	Proficiency test reports					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	X				
S12	OI	Standards documentation					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	X				
S13	OI	Compound/analyte identification procedures					
		Are the procedures for compound/analyte identification documented?	X				
S14	OI	Demonstration of analyst competency (DOC)					
		Was DOC conducted consistent with NELAC Chapter 5?	X				
		Is documentation of the analyst’s competency up-to-date and on file?	X				
S15	OI	Verification/validation documentation for methods (NELAC Chapter 5)					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	X				
S16	OI	Laboratory standard operating procedures (SOPs)					
		Are laboratory SOPs current and on file for each method performed	X				

1. Items identified by the letter “R” must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter “S” should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if “NR” or “No” is checked).

Revised May 2010

Laboratory Review Checklist: Exception Reports

Laboratory Name: Pace Analytical National	LRC Date: 07/07/2023 17:25
Project Name: Targa Eunice Gas Plant 2023 Annual GWM	Laboratory Job Number: L1628871-01, 02, 03, 04, 05, 06, 07 and 08
Reviewer Name: Chris McCord	Prep Batch Number(s): WG2086772

ER #[1]	Description
	The Exception Report intentionally left blank, there are no exceptions applied to this SDG.

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period.
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

MW-3
Collected date/time: 06/22/23 06:05
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	152		0.0541	0.800	0.800	1	06/30/2023 15:13	WG2086772

MW-1
Collected date/time: 06/22/23 07:00
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	334		0.0541	0.800	0.800	1	06/30/2023 15:33	WG2086772

MW-15
Collected date/time: 06/22/23 07:55
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	419		0.0541	0.800	0.800	1	06/30/2023 15:52	WG2086772

MW-8
Collected date/time: 06/22/23 09:00
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	1260		0.0541	0.800	0.800	1	06/30/2023 16:12	WG2086772

MW-20
Collected date/time: 06/22/23 10:05
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	2230		0.0541	0.800	0.800	1	06/30/2023 20:51	WG2086772

MW-13
Collected date/time: 06/22/23 11:20
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	7020		0.0541	0.800	0.800	1	06/30/2023 16:52	WG2086772

MW-31
Collected date/time: 06/22/23 12:25
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	4040		0.0541	0.800	0.800	1	06/30/2023 22:11	WG2086772

MW-30
Collected date/time: 06/22/23 13:15
L1628871

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	SDL	Unadj. MQL	MQL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l	mg/l		date / time	
Chloride	10800		0.0541	0.800	0.800	1	06/30/2023 21:11	WG2086772

Method Blank (MB)

(MB) R3944257-1 06/30/23 10:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	0.0960	J	0.0541	0.800

Laboratory Control Sample (LCS)

(LCS) R3944257-2 06/30/23 11:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	5.00	4.96	99.1	80.0-120	

L1628506-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628506-02 06/30/23 11:54 • (MS) R3944257-3 06/30/23 19:32 • (MSD) R3944257-4 06/30/23 19:52

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	395	873	864	95.6	93.9	1	80.0-120			1.03	20

L1628863-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1628863-01 06/30/23 14:53 • (MS) R3944257-5 06/30/23 20:12 • (MSD) R3944257-6 06/30/23 20:31

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	500	1030	1480	1490	90.0	91.4	1	80.0-120			0.462	20

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
MQL	Method Quantitation Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
SDL	Sample Detection Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical Services, LLC -Dallas 400 W. Bethany Drive Suite 190 Allen, TX 75013

Arkansas	88-0647	Kansas	E10388
Florida	E871118	Texas	T104704232-22-37
Iowa	408	Oklahoma	8727
Louisiana	30686		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Golder - Austin, TX

1601 South Mopac Expressway
Austin, TX 78726

Billing Information:
Accounts Payable
2201 Double Creek Dr.

Suite 4004
Round Rock, TX 78664

Pres Chk

Report to:
Steve Crowley

Email To: steven.crowley@wsp.com;zachary.schuehle@wsp.com;gregory.logan@wsp.com

Project Description:
Targa Eunice Gas Plant 2023 Annual GWM

City/State Collected: Eunice, NM

Please Circle: PT MT CT ET

Phone: **512-220-7469**

Client Project #
31404228.400

Lab Project #
GOLDATX-TARGA

Collected by (print):
Zachary Schuehle

Site/Facility ID #
Targa Eunice Gas Plant

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed
Standard TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	ALLCHLORIDE 500mlHDPE-NoPres	ALLV8260BTEX 40mlClr-HCl									
MW-5	G	GW		6-22-23	605	1	X										-01
MW-1	G	GW		6-22-23	700	1	X										-02
MW-15	G	GW		6-22-23	755	1	X										-03
MW-8	G	GW		6-22-23	900	1	X										-04
MW-20	G	GW		6-22-23	1005	1	X										-05
MW-13	G	GW		6-22-23	1120	1	X										-06
MW-31	G	GW		6-22-23	1225	1	X										-07
MW-30	G	GW		6-22-23	1315	1	X										-08
		GW															
		GW															

Analysis / Container / Preservative

Chain of Custody Page ~~of~~ 1 of 1

Pace Analytical®
190 Allen, TX 75013

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1628871

Table #

Acctnum: **GOLDATX**
Template: **T231679**
Prelogin: **P1004743**
PM: **526 - Chris McCord**
PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS ✓ FedEx __ Courier _____

Tracking # 6519 6395 6975

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Zach Schuehle	6-22-23	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received:
FedEx	6/23/23	0900	PACE Olivia Cornie	6/23/23	0900
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:

If preservation required by Login: Date/Time

Hold: | Condition: NCF / OK


Part #156297-435 RRDB2 EXP 06/24
FRI – 23 JUN 10:30A
PRIORITY OVERNIGHT
75013
TX–US DFW
X
6519 6395 6975
AD DNEA
1788095 06/22 5832/29AB/FE2D

Pace Analytical®	Document Name: Sample Condition Upon Receipt	Document Revised: 7/27/20 Page 1 of 1
	Document No.: F-DAL-C-001-rev.14	Issuing Authority: Pace Dallas Quality Office

Sample Condition Upon Receipt

☑Dallas ☐Ft Worth ☐Corpus Christi ☐Austin

Client Name: Golder - Austin Project Work order (place label):

Courier: FedEX ☑ UPS ☐ USPS ☐ Client ☐ LSO ☐ PACE ☐ Other: _____

Tracking #: 6519 6395 6975

L1628871

Custody Seal on Cooler/Box: Yes ☑ No ☐

Received on ice: Wet ☑ Blue ☐ No ice ☐

Receiving Lab 1 Thermometer Used: 1818 **Cooler Temp °C**: 1.6 (Recorded) +0.1 (Correction Factor) 1.7 (Actual)

Receiving Lab 2 Thermometer Used: _____ **Cooler Temp °C**: _____(Recorded) _____(Correction Factor) _____(Actual)

Temperature should be above freezing to 6°C unless collected same day as receipt in which evidence of cooling is acceptable

Triage Person: OG Date: 6/23/23

Chain of Custody relinquished	Yes ☑ No ☐
Sampler name & signature on COC	Yes ☑ No ☐
Short HT analyses (<72 hrs)	Yes ☐ No ☑

Login Person: OC Date: 6/23/23

Sufficient Volume received	Yes ☑ No ☐
Correct Container used	Yes ☑ No ☐
Container Intact	Yes ☑ No ☐
Sample pH Acceptable pH Strips:_____ Residual Chlorine Present Cl Strips:_____ Sulfide Present Lead Acetate Strips:_____	Yes ☐ No ☐ NA ☑ Yes ☐ No ☐ NA ☑ Yes ☐ No ☐ NA ☑
Are soil samples (volatiles, TPH) received in 5035A Kits (not applicable to TCLP VOA or PST Program TPH)	Yes ☐ No ☐ NA ☑
Unpreserved 5035A soil frozen within 48 hrs	Yes ☐ No ☐ NA ☑
Headspace in VOA (>6mm)	Yes ☐ No ☐ NA ☑
Project sampled in USDA Regulated Area outside of Texas State Sampled:_____	Yes ☐ No ☐ NA ☑
Non-Conformance(s):	Yes ☐ No ☑

Labeling Person (if different than log-in): _____ Date: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 293523

CONDITIONS

Operator: TARGA MIDSTREAM SERVICES LLC 811 Louisiana Street Houston, TX 77002	OGRID: 24650
	Action Number: 293523
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual Groundwater Monitoring Report for Targa Midstream Services, LLC: Content Satisfactory 1. Continue to conduct groundwater monitoring event in the third quarter of 2024, as prescribed. 2. Continue assessment and investigation of source of the LNAPL plume 3. Propose remediation plan to NMOCD once the source has been identified and submit the stage 2 abatement plan as Targa Midstream has planned. 4. Continue to submit annual groundwater reports by April 1 of each calendar year.	4/22/2024