



Kegan W. Boyer, P.G.
Project Manager

Upstream Business Unit
Environmental Management
Company
1400 Smith Street
Room 07076
Houston, Texas 77002
Tel 713-372-7705
kegan.boyer@chevron.com

March 1, 2016

Dr. Tomáš Oberding
Hydrologist, Adv-District 1
Environmental Bureau
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Former Chevron South Eunice Gas Plant (Discharge Permit GW-003)
2015 Annual Groundwater Monitoring Report

Dr. Oberding,

As Operator of the remediation program at the Former South Eunice Gas Plant, Chevron Environmental Management Company (CEMC) is submitting an electronic version (Adobe PDF via the NMOCD FTP site) of the following report:

- *2015 Annual Groundwater Monitoring Report, Former Eunice South Gas Plant, Lea County, New Mexico, OGRID No. 4323 dated February 2016*

This report was prepared by GHD Services, Inc. (GHD, formerly Conestoga-Rovers & Associates [CRA]) on behalf of CEMC to document the results of groundwater monitoring activities conducted at the above referenced site in calendar year 2015. This report is being provided in accordance with the requirements of Discharge Permit GW-003.

Should you have any questions regarding the report or activities being conducted at the site, please do not hesitate to contact me by phone at 713-372-7705 or via e-mail at kegan.boyer@chevron.com.

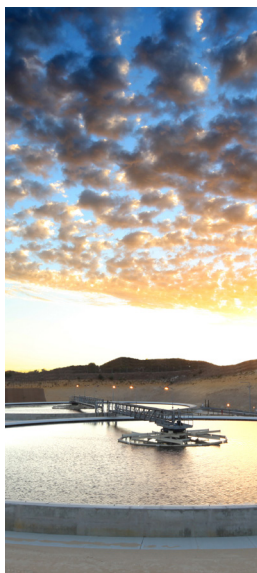
Sincerely,

A handwritten signature in blue ink, appearing to read "K. Boyer", written over a horizontal line.

Kegan W. Boyer, P.G.
Environmental Project Manager

encl: *2015 Annual Groundwater Monitoring Report*

cc: Mike Wisniowiecki, GHD



2015 Annual Groundwater Monitoring Report

Former Eunice South Gas Plant

Lea County, New Mexico

OGRID No. 4323

Discharge Permit GW-003

Chevron Environmental Management Company

6320 Rothway Suite 100 Houston Texas 77040

055271 | Report No 11 | January 2016



2015 Annual Groundwater Monitoring Report

Former Eunice South Gas Plant
Lea County, New Mexico
OGRID No. 4323

Discharge Permit GW-003

Chevron Environmental Management Company

6320 Rothway Street Suite 100 Houston Texas 77040
055271 | Report No 11 | January 2016

Table of Contents

1.	Introduction.....	1
1.1	Overview	1
1.2	Facility Location and History	1
1.3	Historical Hydrocarbon and Chloride Remediation.....	2
1.3.1	Soil Vapor Extraction System (West Side)	2
1.3.2	LNAPL Recovery (West Side)	2
1.3.2.1	LNAPL Recovery System 2004-2006.....	2
1.3.2.2	Manual Recovery 2011, 2012-15	2
1.3.3	LNAPL Recovery (East Side)	3
1.3.4	Chloride and TDS Recovery System (East Side).....	4
2.	Section 2 Regulatory Background.....	4
2.1	Groundwater Appropriation.....	5
3.	Section 3 Groundwater Monitoring Activities	5
3.1	Groundwater Gauging.....	6
3.1.1	Shallow Zone	6
3.1.2	Deep Zone	6
3.2	Well Purging and Sampling	6
3.2.1	Shallow Zone	6
3.2.2	Deep Zone	7
3.3	Well Purging and Sampling	7
3.3.1	First 2014 Semi-Annual Event (February).....	7
3.3.2	Second 2015 Semi-Annual Event (August).....	9
4.	Section 4 Quality Assurance/ Quality Control (QA/QC) Evaluation	10
5.	Section 5 Corrective Action.....	10
5.1	West Side LNAPL and dissolved-phase hydrocarbon plume	10
5.2	East Side LNAPL and Dissolved-Phase Hydrocarbon Plume	11
5.3	East Side Chloride and TDS Plume.....	11
5.4	South Side dissolved-phase hydrocarbon plume	12
6.	Section 6 Findings.....	12
7.	Section 7 Recommendations	13

Figure Index

Figure 1	Site Location Map
Figure 2	Site Details Map
Figure 3	Groundwater Gradient Map Shallow Wells – February 2015
Figure 4	Groundwater Gradient Map Deep Wells – February 2015
Figure 5	Groundwater Gradient Map Shallow Wells – August 2015

Figure 6	Groundwater Gradient Map Deep Wells – August 2015
Figure 7	LNAPL Thickness Isopleth Map – February 2015
Figure 8	LNAPL Thickness Isopleth Map – August 2015
Figure 9	BTEX Concentrations and Benzene Isoconcentration Map Shallow Wells – February 2015
Figure 10	BTEX Concentrations and Benzene Isoconcentration Map Deep Wells – February 2015
Figure 11	BTEX Concentrations and Benzene Isoconcentration Map Shallow Wells – August 2015
Figure 12	BTEX Concentrations and Benzene Isoconcentration Map Deep Wells – August 2015
Figure 13	Chloride Isoconcentration Map Shallow Wells – February 2015
Figure 14	Chloride Isoconcentration Map Deep Wells – February 2015
Figure 15	Chloride Isoconcentration Map Shallow Wells – August 2015
Figure 16	Chloride Isoconcentration Map Deep Wells – August 2015
Figure 17	February 2015 Geologic Cross-Section A-A'
Figure 18	February 2015 Geologic Cross-Section B-B'
Figure 19	August 2015 Geologic Cross-Section A-A'
Figure 20	August 2015 Geologic Cross-Section B-B'

Table Index

Table 1	Summary of Soil Vapor Extraction Data
Table 2	Summary of LNAPL Recovery – West Side
Table 3	Summary of LNAPL Recovery – East Side
Table 4	Summary of Chloride Recovery – East Side
Table 5	Summary of Groundwater Elevations
Table 6	Summary of Groundwater Geochemical Parameters – Shallow Wells
Table 7	Summary of Groundwater Geochemical Parameters – Deep Wells
Table 8	Summary of Groundwater Analytical Data – BTEX Shallow Wells
Table 9	Summary of Groundwater Analytical Data – BTEX Deep Wells
Table 10	Summary of Groundwater Analytical Data – Chloride & TDS Shallow Wells
Table 11	Summary of Groundwater Analytical Data – Chloride & TDS Deep Wells
Table 12	Summary of Groundwater Analytical Data - RGHD 8 Metals Shallow Wells
Table 13	Summary of Groundwater Analytical Data - RGHD 8 Metals Deep Wells

Appendices

Appendix A	NMCOB Discharge Permit GW-003
Appendix B	Historical Groundwater Tables
Appendix C	Certified Laboratory Analytical Results & Data Quality Assessment Memorandums

1. Introduction

1.1 Overview

This Annual Groundwater Monitoring Report presents groundwater data collected and remedial activities performed during the 2015 calendar year by environmental consultant GHD Services, Inc. (GHD) on behalf of Chevron Environmental Management Company (CEMC) at the former Eunice South Gas Plant (OGRID No. 4323) hereafter referred to as the “Site.” GHD conducted semi-annual monitoring events at the Site in February and August of the 2015 calendar year.

1.2 Facility Location and History

The Site is located approximately 4.5 miles south of the town of Eunice in the northwest quarter (NW/4) of the southwest quarter (SW/4) of Section 27, Township 22 South (T-22-S), Range 37 East (R-37-E). The approximate latitude/longitude coordinates for the Site are 32°21'44.75"N and 103°09'26.87"W. For the purpose of this report, the Site is comprised of the original gas plant property and surrounding areas included in the groundwater monitoring program. The Site is bordered by State Highway 207 along the western boundary and State Highway 18 along the eastern boundary.

The Site was originally constructed by Skelly Oil Company during the 1940s, and subsequently acquired and modified by Texaco Exploration and Production, Inc. (Texaco) to operate as a turbo expander-type natural gas processing plant for extraction of natural gas liquids (NGLs). The Site was owned and operated by Texaco until operations were transferred to Versado Gas Processors, LLC (Versado) on July 1, 1998. Dynegy Midstream Services, L.P. (Dynegy) operated two compressors in the northwest portion of the Site. Dynegy was later sold to Targa Midstream Services, L.P. (Targa) who currently operates the compressor stations. Site Location and Site Details maps are illustrated as Figures 1 and 2.

On April 29, 1980, the State of New Mexico Energy and Minerals Department, Oil Conservation Division (NMOCD) requested that a discharge plan be filed as per Section 3-106A of the Water Quality Control Commission regulations to cover all discharges of effluent at the Site. On March 16, 1981, the discharge plan (GW-003) was approved by the NMOCD for a five year period pursuant of the discharge plan requirements. Subsequent discharge plans have been approved on a five year basis. An application was submitted to the NMOCD in June 2008, during the most recent renewal cycle. A Site inspection by NMOCD personnel was performed in April 2009 and approval of the application was given on January 11, 2012. CEMC submitted a renewal application for the Discharge Permit to NMOCD on November 11, 2015. A copy of the current discharge permit GW-003 is provided in Appendix A.

In correspondence during the 1996 permit renewal cycle dated April 15, 1996, the NMOCD requested that Texaco submit a work plan to address specific areas of concern. In response, a work plan was developed and subsurface and groundwater assessment activities were initiated at the Site. Additional correspondence from the NMOCD dated November 6, 1996, requested that Texaco modify the existing Site's discharge plan and submit a comprehensive site investigation work plan pursuant to New Mexico Administrative Code (NMAC) 20.6.2.3109.E to determine the extent of soil and groundwater impacts within the Site. The comprehensive Site investigation activities were completed in 1996-1997 and several areas of concern were identified. Additional investigation and

remedial activities were performed in 2000, 2005 and 2007 to further evaluate and remediate those areas of concern. Activities included pit closures, pond closures, sump removals, multiple monitor well installations, the installation and operation of a soil vapor extraction unit and installation and operation of chloride-impacted groundwater and Light Non-Aqueous Phase Liquids (LNAPL) recovery systems. The notes section on Figure 2 summarizes the assessment and remedial activities conducted in the specified areas of concern.

1.3 Historical Hydrocarbon and Chloride Remediation

Historical project information indicates that four remediation systems have operated at the Site since December 2000 including:

- Soil Vapor Extraction (SVE) system - West Side (April 2004-October 2006).
- LNAPL recovery - West Side (2004-October 2006, 2011 interim, August 2012 to date).
- LNAPL recovery - East Side (May 2003-January 2011).
- Chloride and total dissolved solids (TDS) groundwater recovery system – East Side (2004-2010, September 2012 through 2013).

The following sections below summarize the installations, operations and recovery of each of the four remediation systems.

1.3.1 Soil Vapor Extraction System (West Side)

A soil vapor extraction system (SVE) was installed on the west side of the Site in April 2004. The SVE consisted of a trailer-mounted thermal oxidizer which extracted hydrocarbon vapors from recovery wells RW-2, RW-3, MW-4, RW-5 and monitor well MW-28. In September 2005, seven additional wells (MW-1, MW-2, MW-10, MW-24, MW-25, MW-26 and MW-27) were connected to the SVE system. The operation of the SVE was suspended in mid-October 2006 due to Site demolition activities. Records indicate a total of 300,560 pounds of hydrocarbons were recovered and treated by the SVE system while in operation. A summary of the soil vapor extraction data is presented in Table 1.

1.3.2 LNAPL Recovery (West Side)

1.3.2.1 LNAPL Recovery System 2004-2006

An LNAPL recovery system was installed in 2004 on the West Side of the Site. This LNAPL system consisted of five Xitech skimmer product recovery pumps installed in West Side wells RW-2, RW-3, RW-4, RW-5 and MW-28, solar panels, a nitrogen activation system, and storage tanks. The operation of the Xitech skimmer pumps was suspended in mid-October 2006 due to Site demolition activities. Records indicate a total of 5,327 gallons of hydrocarbons were recovered from the West Side wells while the system was in operation. A summary of LNAPL recovery for the West Side is presented in Table 2.

1.3.2.2 Manual Recovery 2011, 2012-15

In April 2011, GHD initiated manual recovery efforts near the former West Side jet skid area as an interim measure. Weekly LNAPL abatement activities were performed in five accessible wells (MW-1, MW-2, MW-10, RW-1 and RW-2) from April 13th through September 27th, 2011. Manual

recovery remediation efforts ceased temporarily in September 2011 due to installation on Site of Targa's gas injection well. A total of 324 gallons of LNAPL and 23 gallons of water were manually recovered from the West Side wells during the six month period in 2011.

Biweekly LNAPL abatement activities were performed in seven accessible wells (West Side wells MW-1, MW-2, MW-10, RW-1 and RW-2; East Side wells MW-5 and MW-20,) from August 2012 through October 2013. Manual bailing was temporarily suspended due to LNAPL storage tank replacement by Targa in late October 2013, and was resumed in December 2013. In order to observe the effectiveness of LNAPL recovery from additional West Side LNAPL wells, manual LNAPL recovery was initiated at eight additional wells on October 27, 2014 (MW-12, MW-19, MW-27, MW-28, TMW-2, RW-3, RW-4, RW-5). Manual bailing of wells was suspended in August 2015 as mobile dual phase extraction (MDPE) methods were initiated. A total of 135 gallons of LNAPL were recovered using manual bailing methods from the West Side wells during 2015.

A pilot test was performed in April 2015 of MDPE recovery methods of LNAPL, associated vapors and hydrocarbon and chloride impacted groundwater at West Side wells RW-1, MW-27 and MW-28. Based on evaluation of the results of this pilot test additional MDPE events were performed in August, October and December 2015. During the four 2015 MDPE events at these three wells an approximate total of 1,185 gallons of LNAPL and associated vapors (liquid equivalent) was recovered, and a total of 22,874 gallons of hydrocarbon and chloride impacted groundwater was also recovered for off-site disposal. Continuation of LNAPL recovery using MDPE methods at these wells in 2016 is currently under consideration.

Records indicate a total of 7,554 gallons of LNAPL and 22,898 gallons of affected groundwater have been recovered using skimmer pump, manual bailing and MDPE methods from the West Side LNAPL wells since 2004. A summary of LNAPL recovery totals for the West Side wells is presented in Table 2.

1.3.3 LNAPL Recovery (East Side)

An LNAPL recovery system was installed in May 2003 on the East Side of the Site. This LNAPL system consisted of Ferret Separation Pumps in monitor wells MW-5 and MW-20. The operation of the Ferret pumps was suspended after December 2008. Records indicate a total of 5,054 gallons of LNAPL and 57,603 gallons of water were recovered while the Ferret pumps were operating.

In April 2009, LNAPL recovery efforts on the East Side of the Site were re-evaluated and product recovery continued using a Xitech product recovery pump in MW-20 and hand-bailing LNAPL from MW-5 in an effort to increase LNAPL recovery and decrease water production. These LNAPL recovery methods were continued through January 2011 when efforts were suspended due to Targa's onsite construction activities. A total of 79 gallons of LNAPL and 2 gallons of water were recovered in January 2011. Suspension continued through 2011 into 2012 due to Targa's installation of an acid gas injection well. The remainder of 2012 and 2013 were utilized to evaluate remediation efforts on Site. Manual bailing and recovery of LNAPL from the East Side wells was performed in 2014, recovering 141 gallons of LNAPL and 0.5 gallons of water. Manual bailing of wells was suspended in August 2015 as MDPE recovery methods were initiated. A total of 58.3 gallons of LNAPL were recovered using manual bailing methods from the East Side wells during 2015.

A pilot test was performed in April 2015 of MDPE recovery methods of LNAPL, associated vapors and hydrocarbon and chloride impacted groundwater at East Side well MW-5. Based on evaluation

of the results of this pilot test additional MDPE events were performed in August, October and December 2015. During the four 2015 MDPE events at well MW-5 a total of 258.62 gallons of LNAPL and associated vapors (liquid equivalent) were recovered, and a total of 8,022 gallons of hydrocarbon and chloride impacted groundwater was recovered for off-site disposal. Continuation of LNAPL recovery using MDPE methods at these wells in 2016 is currently under consideration.

Records indicate a total of 5,587 gallons of LNAPL and 65,626 gallons of affected groundwater have been recovered using skimmer pump, manual bailing and MDPE methods from the East Side wells from 2003 through 2015. A summary of LNAPL recovery for the East Side wells is presented in Table 3.

1.3.4 Chloride and TDS Recovery System (East Side)

A chloride and TDS groundwater recovery system was installed in 2004 on the east side of the Site. This recovery system originally consisted of two recovery wells (MWD-3 and MWD-9). In 2006, the network of recovery wells was expanded to include wells RW-6, RW-7 and RW-8. A total of 1,044,619 barrels of groundwater were recovered from 2004 through 2010. The extracted groundwater was disposed of at an onsite deep injection well (injection well #5) operated by Targa. In February 2011, Chevron notified the NMOCD that they no longer had permission from Targa to use the injection well and the recovery system operations were temporarily suspended.

As part of the reevaluation and redesign of the current system and well components, limited groundwater recovery was performed at wells MWD-3 and MWD-9 from 2012 to October 2013. Installation of the redesigned groundwater recovery system began on October 28, 2013 but construction and prestart reviews were not completed until April 2014. Construction of the redesigned groundwater recovery system was completed on April 29, 2014 and groundwater recovery was resumed. A total of 76,125 barrels, or approximately 3,197,250 gallons, of chloride-impacted groundwater was recovered by this system from January through December 2015. A summary of 2015 and total chloride recovery amounts is presented in Table 4.

Groundwater pumping record reports for the five recovery wells (MWD-3, MWD-9, RW-6, RW-7 and RW-8) are submitted quarterly to the NMOSE in accordance to permit requirements.

2. Section 2 Regulatory Background

The NMOCD guidelines require groundwater to be analyzed for potential contaminants as defined by the New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103 Sections A & B. NMQCC 20.6.2.3103 Section A provides the Human Health Standards for Groundwater; Section B provides Other Standards for Domestic Water Supply. The constituents of concern (COCs) designated for affected groundwater at the Site are LNAPL, benzene, toluene, ethylbenzene, and xylenes (BTEX), dissolved arsenic, dissolved barium, dissolved chromium, TDS and chlorides. In this report, groundwater analytical results for the COCs are compared to the NMWQCC standards as shown in the following table:

Table 2.1

Analyte	NMWQCC Standard for Groundwater (mg/L)
20.6.2.3103 Section A – Human Health Standard	
Arsenic	0.100
Barium	1.00
Chromium	0.050
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Total Xylenes	0.62
20.6.2.3103 Section B – Other Standards for Domestic Water Supply	
Chloride	250
Total Dissolved Solids	1,000

2.1 Groundwater Appropriation

New Mexico Office of the State Engineer (NMOSE) governs water usage in the State of the New Mexico. Applications for permission to appropriate groundwater were submitted to the NMOSE in October 2003 and were approved with specific conditions of approval in February and March 2004. A total of 208 acre/feet (ac/ft) per annum from the five onsite recovery wells were granted by the NMOSE for industrial/remediation purposes. Usage of groundwater at the Site has been granted by the NMOSE under NMOSE well permits CP-009-S (MWD-9– 32 ac/ft), CP-231-S (RW-7- 48 ac/ft), CP-233-S (RW-6-48 ac/ft), CP-243-S (MWD-3-32 ac/ft) and CP-244-S (RW-8-48 ac/ft). Chevron EMC provides monthly volume totals to the current operator (Targa) of the Site on behalf of Versado Gas Processors, LLC and quarterly volume totals to the NMOSE as was described in the conditions of approval.

3. Section 3 Groundwater Monitoring Activities

Groundwater at the Site was monitored in 2015 on a semi-annual basis (February and August) with a network of 70 wells including:

- Thirty shallow monitor wells (MW-1 through MW-4, MW-6 through MW-19, MW-21 through MW-27, and MW-29 through MW-32, MW-34).
- Eight shallow LNAPL recovery wells (RW-1 through RW-5, MW-5, MW-20 and MW-28).
- Five shallow temporary wells (TMW-1, TMW-2, TMW-3, TMW-5 and TMW-6).
- Fifteen deep monitor wells (MWD-1, MWD-2, MWD-4 through MWD-8, MWD-10 through MWD-17).
- Five deep recovery wells (MWD-3, MWD-9, RW-6, RW-7, RW-8).
- Seven deep water wells (WW-1 through WW-7).

3.1 Groundwater Gauging

Prior to purging wells, depth to groundwater and LNAPL were gauged and recorded from the top of casing (TOC) to the nearest hundredth of a foot in all accessible wells utilizing an oil-water interface probe. A specific gravity sample was collected from wells with LNAPL present ($>0.01'$) in August 2006 and August and September 2009. Groundwater elevations reported are adjusted accordingly. A summary of groundwater elevation data from 2009 through 2015 is presented in Table 5.

Groundwater elevations at the Site in 2015 appear to be consistent with historical levels and the groundwater gradient continues to be to the south-southeast. February and August 2015 groundwater gradient maps are presented as Figures 3, 4, 5 and 6. LNAPL thickness maps for February and August 2015 are presented in Figures 7 and 8. Historical groundwater elevation data (1996-2008) for shallow and deep wells are presented in Appendix B.

3.1.1 Shallow Zone

Depth to groundwater measurements were collected from shallow zone wells during the February and August 2015 events. The depth to water ranged from 47.30 feet to 57.13 feet below TOC in the 40 wells gauged in February 2015, and ranged from 47.31 feet to 57.18 feet below TOC in the 42 wells gauged in August 2015. Due to an onsite "Do Not Enter" zone defined by Targa due to the acid gas injection well, one shallow zone well (TMW-5) was not accessible and subsequently was not gauged during either the February or August 2015 events. LNAPL was detected in 15 shallow zone wells in February 2015 and in 16 wells in August 2015. Observed LNAPL thickness ranged from 0.01 (MW-19) feet to 2.60 feet (MW-5) in February 2015 and 0.02 feet (MW-5, MW-10) to 3.60 feet (MW-20) in August 2015. These LNAPL thicknesses were overall similar to previous measurements, with some LNAPL thickness increases and decreases. The average gradient observed in the shallow zone in 2015 was 0.0045 feet/foot to the south southeast.

3.1.2 Deep Zone

Depth to groundwater measurements were collected from deep zone wells during the February and August 2015 events. The depth to water ranged from 48.25 feet to 54.82 feet below TOC in the 16 wells gauged in February 2015, and ranged from 48.35 feet to 54.76 feet below TOC in the 16 wells gauged in August 2015. Water wells WW-1 through WW-7 were not gauged during either event due to owner inaccessibility. Deep chloride recovery wells MWD-3, MWD-9, were not gauged in either event due to presence of down-hole pumps in the wells. Due to an onsite "Do Not Enter" zone defined by Targa, two deep zone wells were not accessible and subsequently were not gauged during both the February and August 2015 events (MWD-10, MWD-16). LNAPL was not detected in any of the deep zone wells during both 2015 gauging events. The average gradient observed in the deep zone during 2015 was 0.0038 feet/foot to the southeast.

3.2 Well Purging and Sampling

3.2.1 Shallow Zone

Subsequent to gauging, shallow zone wells were purged using an EPA approved low-flow sampling methodology. Geochemical water quality parameters including temperature, pH, dissolved-oxygen, oxidation-reduction potential, and conductivity were recorded at approximate five minute intervals during purging activities. When three consecutive readings indicated stabilization of parameters (variation $<10\%$), the groundwater was considered representative of formation water and

groundwater samples were collected. Groundwater samples were collected from 40 wells in February 2015 and 42 wells in August 2015. A summary of the shallow well final geochemical parameters for the 2015 semi-annual monitoring events is presented in Table 6.

3.2.2 Deep Zone

Subsequent to gauging, deep zone wells were purged using a submersible pump set near the bottom of the wells, within the screened interval pursuant to low-flow guidelines. Geochemical water quality parameters including temperature, pH, and conductivity were recorded at approximate five minute intervals during purging activities. When three consecutive readings indicated stabilization of parameters (variation <10%), the groundwater was considered representative of formation water and groundwater samples were collected via the discharge hose. Groundwater samples were collected from 16 wells in February 2015 and 16 wells in August 2015. A summary of the deep well final geochemical parameters for the 2015 semi-annual monitoring events is presented in Table 7.

All groundwater samples were labeled, placed on ice in an insulated cooler, and shipped to Lancaster Laboratories (Lancaster) located in Lancaster, Pennsylvania, for analysis of BTEX by EPA Method 8021B, chloride by EPA Method 300, TDS by EPA Method 2540C, and dissolved metals by EPA Methods 6010B & 7470A. The samples submitted for dissolved metals analysis were filtered in the laboratory prior to analysis. Purge water generated during the sampling events was containerized onsite in a labeled polyethylene tank and subsequently managed by a third-party subcontractor at an NMOCD-permitted disposal facility.

3.3 Well Purging and Sampling

Analytical results for both the shallow and deep wells are summarized in Tables 8 through 13. Constituent concentration data shown in bold print indicate concentrations detected above analytical quantification limits and shaded/highlighted detections represent concentrations exceeding the regulatory standards. BTEX concentration and benzene isoconcentration maps for February and August 2015 are presented as Figures 9, 10, 11 and 12. Chloride isoconcentration maps for February and August 2015 are presented as Figures 13, 14, 15 and 16. In addition, semi-annual geological cross-section (both dip and strike) depicting LNAPL thickness, chloride and BTEX concentrations for February and August are presented as Figures 17, 18, 19 and 20. Certified copies of all 2015 laboratory analytical results are presented in Appendix C.

3.3.1 First 2014 Semi-Annual Event (February)

The following tables present the number of wells with: 1) detections of the analytes, and 2) detections of analytes which exceeded the NMWQCC Standard. In addition, the minimum and maximum detected concentrations for each COC during the February 2015 monitoring event are also provided.

FIRST 2015 SEMI-ANNUAL EVENT (FEBRUARY)

Table 3.1

Shallow Wells – February 2015	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	17	9	15	11
Exceedances Above Regulatory Limit	13	0	1	0
Minimum Concentration (µg/L)/Well ID	0.5J MW-30, MW-31	0.2J MW-8	0.2J MW-9	1.3 MW-8
Maximum Concentration (µg/L)/Well ID	19000 MW-24	40 MW-24	1100 MW-24	380 MW-24

Table 3.2

Deep Wells – February 2015	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	7	4	7	6
Exceedances Above Regulatory Limit	5	0	0	0
Minimum Concentration (µg/L)/Well ID	0.2J RW-7	0.2J MWD-17	9.5 MWD-12	1.6 RW-8
Maximum Concentration (µg/L)/Well ID	5800 MWD-5	7.7J MWD-5	210 MWD-14	120 MWD-5

Table 3.3

Shallow Wells – February 2015	Chloride	
Number of Detections	28	
Exceedances Above Regulatory Limit	24	
Minimum Concentration (mg/L)/Well ID	49.3	MW-7
Maximum Concentration (mg/L)/Well ID	6740	MW-23

Table 3.4

Deep Wells – February 2015	Chloride	
Number of Detections	20	
Exceedances Above Regulatory Limit	18	
Minimum Concentration (mg/L)/ Well ID	52.7	MWD-4
Maximum Concentration (mg/L)/ Well ID	38500	MWD-3

Note: 'J' indicates that the result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit.

Also, groundwater samples collected from 11 shallow wells (MW-9, MW-24, MW-25, MW-26, MW-29, MW-31, MW-32, MW-34, TMW-1, TMW-3, TMW-6) and four deep wells (MWD-5, MWD-14, MWD-17, RW-6) in February 2015 were above the NMWQCC Standard for barium of 1 mg/L; one shallow well (MW-16) exceeded the NMWQCC Standard for chromium of 0.05 mg/L.

3.3.2 Second 2015 Semi-Annual Event (August)

The following tables present the number of wells with: 1) detections of the analytes, and 2) detections of analytes which exceeded the NMWQCC Standard. In addition, the minimum and maximum detected concentration for each COC during the August 2015 monitoring event are also provided.

SECOND 2015 SEMI-ANNUAL EVENT (AUGUST)

Table 3.5

Shallow Wells – August 2015	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	14	8	12	13
Exceedances Above Regulatory Limit	10	0	0	0
Minimum Concentration (µg/L)/ Well ID	0.5J MW-15	0.2J MW-9	0.2J MW-30	0.6J MW-31
Maximum Concentration (µg/L)/ Well ID	15000J MW-24 15000 MW-22	23 MW-11	140 MW-22	190 MW-11

Table 3.6

Deep Wells – August 2015	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	8	5	9	10
Exceedances Above Regulatory Limit	5	0	0	0
Minimum Concentration (µg/L)/ Well ID	0.8J MWD-15	0.2J MWD-6	0.4J MWD-15	0.3J MWD-6
Maximum Concentration (µg/L)/ Well ID	7400 MWD-5	3.5J MWD-5	400 MWD-14	90 MWD-14

Table 3.7

Shallow Wells – August 2015	Chloride	
Number of Detections	27	
Exceedances Above Regulatory Limit	23	
Minimum Concentration (mg/L)/ Well ID	71.5	MW-3
Maximum Concentration (mg/L)/ Well ID	5680	MW-28

Table 3.8

Deep Wells – August 2015	Chloride	
Number of Detections	20	
Exceedances Above Regulatory Limit	17	
Minimum Concentration (mg/L)/ Well ID	49.9	MWD-4
Maximum Concentration (mg/L)/ Well ID	22900	MWD-9

Note: 'J' indicates that the result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit.

Also, groundwater samples collected from 11 shallow wells (MW-9, MW-24, MW-25, MW-26, MW-29, MW-31, MW-32, MW-34, TMW-1, TMW-3, TMW-6) and five deep wells (MWD-05, MWD-14, MWD-15, MWD-17, RW-6) in August 2014 were above the NMWQCC Standard for barium of 1 mg/L; one shallow well (MW-16) exceeded the NMWQCC Standard for chromium of 0.05 mg/L.

4. Section 4 Quality Assurance/ Quality Control (QA/QC) Evaluation

To confirm sample quality and reproducibility, four field duplicate (DUP-1, DUP-2, DUP-3, and DUP-4) samples were collected during the February 2015 semi-annual monitoring event from wells MW-18, MWD-7, MW-32, and MW-25. During the August 2014 semi-annual monitoring event, five field duplicate (DUP-1, DUP-2, DUP-3, and DUP-4) samples were collected from wells MW-31, RW-8, MWD-15, and MWD-9. All duplicate samples were analyzed for BTEX by EPA Method 8021B, chloride by EPA Method 300, TDS by EPA Method 2540C, and dissolved metals by EPA Methods 6010B & 7470A. No significant deviations were encountered in the sample results for duplicate constituents.

Certified groundwater laboratory reports received from Lancaster Laboratories for the February and August 2015 sampling events were reviewed by a GHD analytical chemist for laboratory and field method QA/QC. Based on a review of the laboratory reports these data were found to exhibit acceptable levels of accuracy and precision based on the information provided. Certified copies of laboratory analytical results and copies of Data Quality Assessment Memorandums prepared by GHD are included in Appendix C.

5. Section 5 Corrective Action

Currently, the four largest areas of concern at the former plant area are:

5.1 West Side LNAPL and dissolved-phase hydrocarbon plume

In 2015, GHD continued manual recovery efforts near the former West Side jet skid area as an interim measure. Biweekly LNAPL abatement activities were performed in 15 accessible wells (MW-1, MW-2, MW-10, MW-12, MW-19, MW-27, MW-28, TMW-2, RW-1, RW-2, RW-3, RW-4, RW-5) from January through August 2015. A total of 135 gallons of LNAPL using manual bailing methods were recovered from the West Side wells during 2015. A pilot test was performed in April 2015 of MDPE recovery methods of LNAPL, associated vapors and hydrocarbon and chloride impacted

groundwater at West Side wells RW-1, MW-27 and MW-28. Based on evaluation of the results of this pilot test additional MDPE events were performed in August, October and December 2015. During the four 2015 MDPE events at these three wells a total of 1,184.64 gallons of LNAPL and LNAPL vapors (liquid equivalent) was recovered, and a total of 22,874 gallons of hydrocarbon- and chloride-impacted groundwater was also recovered. Continuation of LNAPL recovery using MDPE methods at these wells in 2016 is currently under consideration.

Records indicate a total of 7,554 gallons of LNAPL and 22,898 gallons of affected groundwater have been recovered using skimmer pump, manual bailing and MDPE methods from the West Side LNAPL wells since 2004. A summary of LNAPL recovery totals per well is presented in Table 2.

5.2 East Side LNAPL and Dissolved-Phase Hydrocarbon Plume

During 2015, product recovery from East Side wells MW-20 and MW-5 using the East Side LNAPL recovery system remained suspended due to Targa's operation of an acid gas injection well. Recovery of LNAPL from the East Side wells by manual bailing recovered 58.3 gallons of LNAPL from January through August 2015. A pilot test was performed in April 2015 of MDPE recovery methods of LNAPL, associated vapors and hydrocarbon and chloride impacted groundwater at East Side well MW-5. Based on evaluation of the results of this pilot test additional MDPE events were performed in August, October and December 2015. During the four 2015 MDPE events at well MW-5 a total of 258.62 gallons of LNAPL and associated vapors (liquid equivalent) were recovered, and a total of 8,022 gallons of hydrocarbon and chloride impacted groundwater was recovered. Continuation of LNAPL recovery using MDPE methods at these wells in 2016 is currently under consideration.

Records indicate a total of 5,587 gallons of LNAPL and 65,626 gallons of affected groundwater have been recovered using skimmer pump, manual bailing and MDPE methods from the East Side wells from 2003 through 2015. A summary of LNAPL recovery for the East Side wells is presented in Table 3.

5.3 East Side Chloride and TDS Plume

This groundwater recovery system is comprised of a network of five recovery wells (MWD-3, MWD-9, RW-6, RW-7 and RW-8). The extracted groundwater was previously disposed of at an onsite deep injection well (injection well #5) operated by Targa. In February 2011 Chevron notified the NMOCD that they no longer had permission from Targa to use the injection well and the recovery system operations were temporarily suspended.

As part of the reevaluation and redesign of the current system and well components, limited groundwater recovery was performed at wells MWD-3 and MWD-9 from 2012 to October 2013. Installation of the redesigned groundwater recovery system began on October 28, 2013 but construction and prestart reviews were not completed until April 2014. Construction of the redesigned groundwater recovery system was completed on April 29, 2014 and groundwater recovery was resumed. A total of 76,125 barrels, or approximately 3,197,250 gallons, of chloride-impacted groundwater was recovered by this recovery system from January through December 2015. A summary of 2015 and total chloride recovery amounts is presented in Table 4.

Groundwater pumping record reports for the five recovery wells was submitted quarterly to the NMOSE in accordance to permit requirements.

5.4 South Side dissolved-phase hydrocarbon plume

Other than recovery and off-site disposal of hydrocarbon-affected groundwater during MDPE recovery events, monitoring of the dissolved-phase hydrocarbon plume during semi-annual sampling events is currently the only remediation activity associated with the South Side.

6. Section 6 Findings

Based on groundwater monitoring activities performed at the Site, GHD presents the following summary:

- The Site is monitored semi-annually with a network of thirty shallow monitor wells (MW-1 to MW-34 excluding MW-5, MW-20, MW-28 and MW-33), eight shallow LNAPL recovery wells (RW-1 to RW-5, MW-5, MW-20, and MW-28), five shallow temporary monitor wells (TMW-1 to TMW-3, TMW-5, and TMW-6), fifteen deep monitor wells (MWD-1 to MWD-17, excluding MWD-3 and MWD-9), seven deep water wells (WW-1 to WW-7), and five deep chloride recovery wells (MWD-3, MWD-9, RW-6, RW-7, and RW-8);
- Depth to groundwater ranged from 47.3 feet to 57.13 feet below TOC (shallow wells) and from 48.25 feet to 54.82 feet below TOC (deep wells) in February 2015, and ranged from 47.31 feet to 57.18 feet below TOC (shallow wells) and 48.35 feet to 54.76 feet below TOC (deep wells) in August 2015;
- The average gradient observed in the shallow zone during the 2015 calendar year was 0.0045 feet/foot to the south southeast. The average gradient observed in the deep zone during the 2015 calendar year was 0.0038 feet/foot to the southeast;
- LNAPL was detected in fifteen wells during the February 2015 sampling event, and sixteen wells during the August 2015 sampling event. The largest LNAPL thicknesses measured during February 2015 occurred in MW-5 at 2.60 feet and August 2014 in MW-20 at 3.60 feet;
- During the February 2015 groundwater monitoring event, benzene concentrations exceeded the NMWQCC standards in thirteen shallow wells and five deep wells;
- During the February 2015 groundwater monitoring event, ethylbenzene concentrations exceeded the NMWQCC standards in one shallow well;
- During the February 2015 groundwater monitoring event, chloride concentrations exceeded NMWQCC standards in 24 shallow wells and 18 deep wells;
- During the August 2015 groundwater monitoring event, benzene concentrations exceeded the NMWQCC standards in 10 shallow wells and five deep wells;
- During the August 2015 groundwater monitoring event, no ethylbenzene concentrations exceeded the NMWQCC standards.
- During the August 2015 groundwater monitoring event, chloride concentrations exceeded NMWQCC standards in 23 shallow wells and 17 deep wells;
- Biweekly LNAPL abatement activities were performed in 15 accessible wells (West Side wells MW-1, MW-2, MW-10, MW-12, MW-19, MW-27, MW-28, TMW-2, RW-1, RW-2, RW-3, RW-4, RW-5; East Side wells MW-5 and MW-20) from January through August 2015. A total of 193.3 gallons of LNAPL were recovered using manual bailing methods during 2015, 135 gallons LNAPL and 1.5 gallons of water from the West Side wells and 58.3 gallons LNAPL from the

East Side wells. Four MDPE recovery events were also performed at three West Side wells (RW-1, MW-27, MW-28) and one East Side well (MW-5), with a total of 1,184.64 gallons of LNAPL recovered from the West Side wells and 258.64 gallons of LNAPL recovered from the East Side well (MW-5). Records indicate a total of 13,138 gallons of hydrocarbons have been recovered from the West Side (7,554 gallons) and East Side (5,587 gallons) LNAPL wells since 2003; and

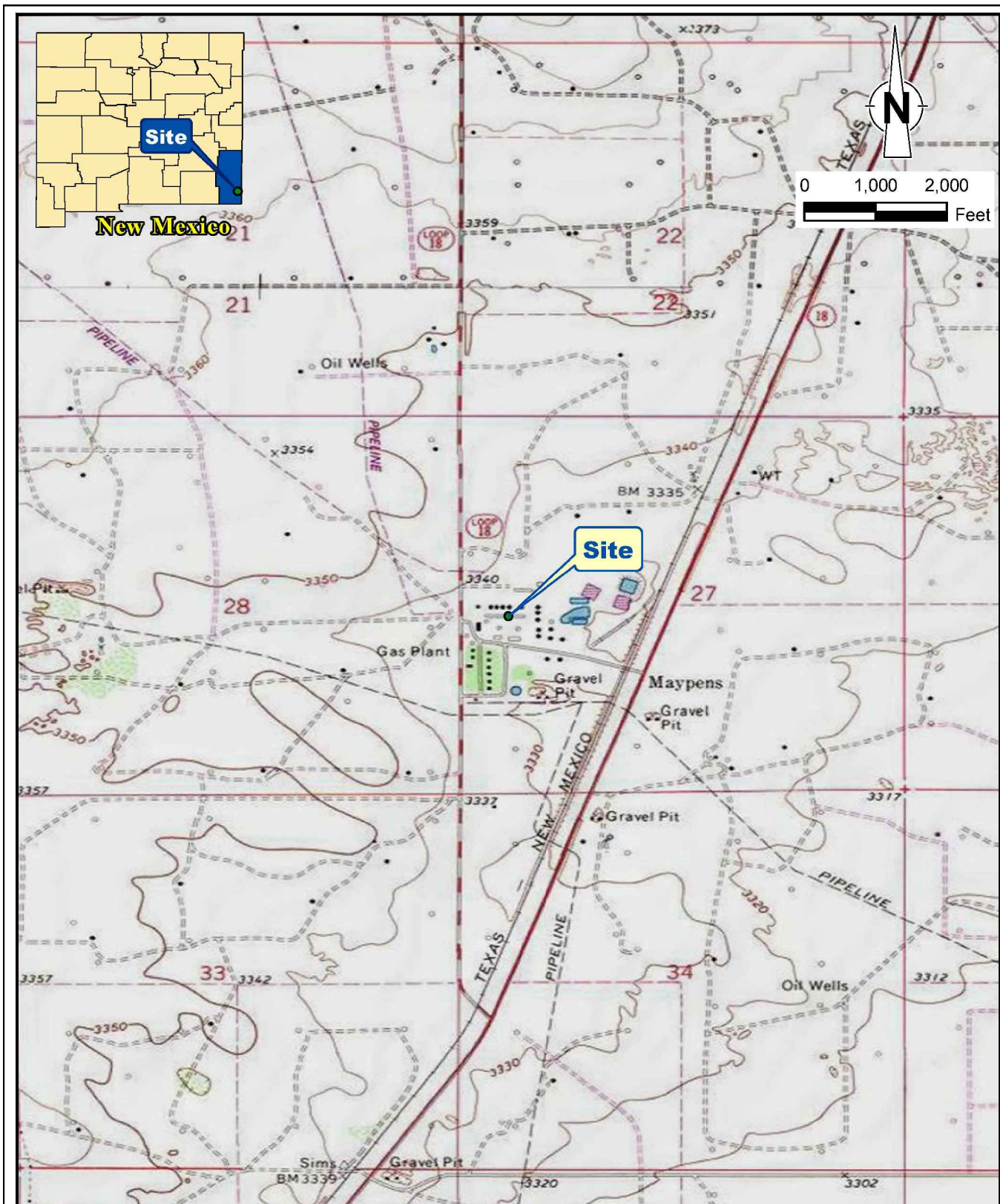
- LNAPL was not recovered by the east side LNAPL recovery system in 2015 due to Targa's operation of an acid gas injection well.

7. Section 7 Recommendations

Based upon the summary and conclusions presented in this report, the following is recommended:

- Continue operation of chloride groundwater recovery system or evaluate alternative solutions for addressing the chloride/TDS plume at the Site;
- Continue bi-weekly operation and maintenance activities to monitor recovery systems which are operational at the Site;
- Continue bi-weekly (if manual recovery) to quarterly (if MDPE recovery) recovery of LNAPL from the east and west side wells or evaluate potential alternative solutions for addressing the LNAPL plume at the Site; and
- Continue semi-annual groundwater monitoring.

Figures

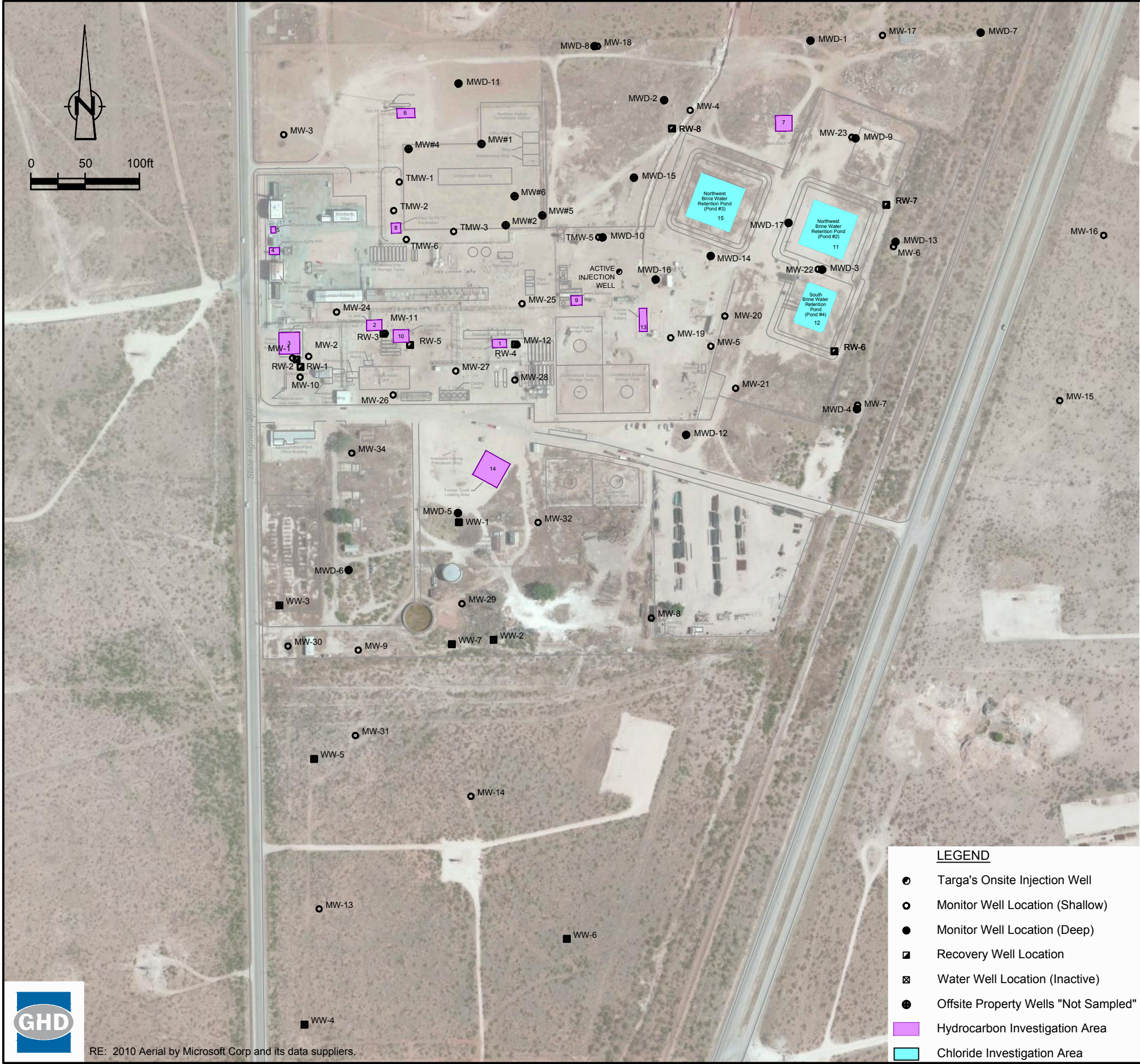


RE: USGS 7.5 Minute Topographic Maps.

Figure 1

SITE LOCATION MAP
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company





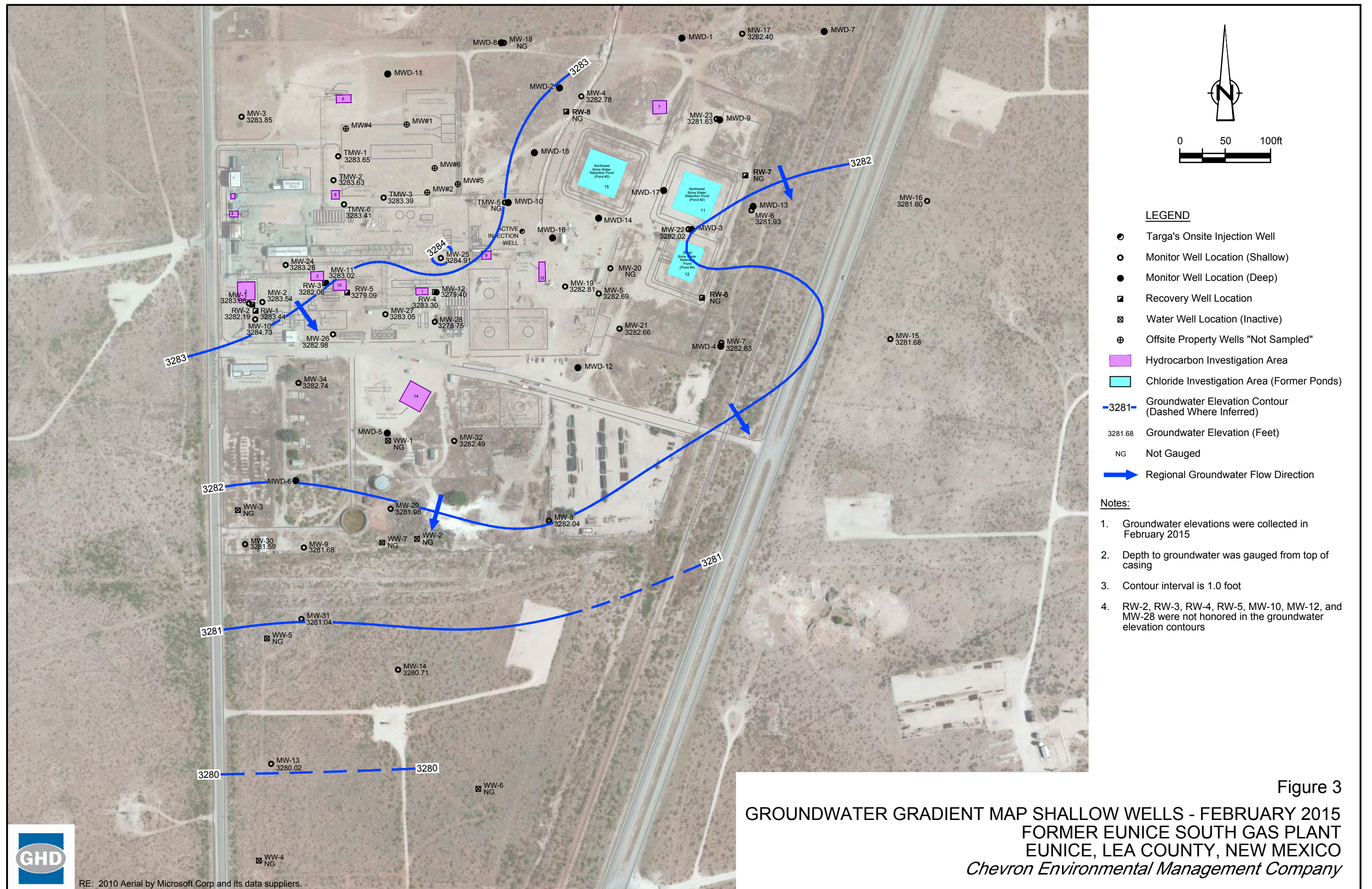
1. A subsurface investigation was performed in the direct vicinity of the slop oil sump in July 1996. The investigation included the installation of a single soil boring due south of the sump to a total depth of 57 feet BGS. Analytical results indicated hydrocarbon impacts at depth and light non-aqueous hydrocarbons (LNAPL) was encountered on the groundwater. Investigation activities are summarized in the subsurface environmental assessment generated by Highlander Environmental Corp. dated September 1996. Remedial activities for the slop oil sump included removal of the sump in September 2000. The excavation area measured 20' x 20' x 15'. Confirmation samples from the excavation at depth (15') indicated hydrocarbon impacts in the soils. Remedial activities are detailed in the 2000 annual summary of investigation & remediation generated by Highlander Environmental Corp. in 2001.
2. A subsurface investigation was performed in the direct vicinity of the oil & water sump in August 1996. The investigation included the installation of a single soil boring due south of the sump to a total depth of 57 feet BGS. Analytical results indicated hydrocarbon impacts in the intermediate soils at 17 feet BGS and LNAPL was encountered on the groundwater. Investigation activities are summarized in the subsurface environmental assessment generated by Highlander Environmental Corp. dated September 1996. Remedial activities for the slop oil sump included removal of the sump in September 2000. The excavation area measured 20' x 20' x 10'. Confirmation samples from the excavation at depth (10') indicated hydrocarbon impacts in the soils. Remedial activities are detailed in the 2000 annual summary of investigation & remediation generated by Highlander Environmental Corp. in 2001.
3. A subsurface investigation was performed in the direct vicinity of the jet turbine skid in August 1996. The investigation included the installation of 3 borings ranging in TDS from 52 and 57 feet BGS. Analytical results indicated hydrocarbon impacts to both the soils and groundwater in all 3 borings. Two of the three borings were converted to monitor wells (MW-1 & MW-2). Investigation activities are summarized in the subsurface environmental assessment generated by Highlander Environmental Corp. dated September 1996.
4. Two separate shallow subsurface investigations were conducted in the vicinity of engine sump #30 in August 1996 and June 1997. The August 1996 investigation included the installation of a single shallow soil boring directly north of the engine sump #30 to a total depth of 10 feet BGS. Results at total depth indicated hydrocarbon impacts at depth. The June 1997 investigation included the installation of three additional shallow borings (east, west & south of the sump) to a maximum depth of 4 feet BGS. No hydrocarbon were detected in any of the three borings at depth (4 feet). Investigation activities are summarized in the final investigation report generated by Highlander Environmental Corp. dated July 1997.
5. A shallow subsurface investigation was performed in the vicinity of engine sump #31 in August 1996. This investigation included the installation of a single boring due south of the sump to a total depth of 6 feet BGS. No hydrocarbons impacts were detected at depth. Investigation activities are summarized in the subsurface environmental assessment generated by Highlander Environmental Corp. dated September 1996.
6. A shallow subsurface investigation was conducted on the southwest corner of the emergency flare sump in August 1996. The investigation included a shallow trench (test pit) that was excavated to 5 feet BGS. Confirmation samples at depth (5 feet BGS) were below laboratory detection limits. Investigation activities are summarized in the subsurface environmental assessment generated by Highlander Environmental Corp. dated September 1996.
7. An intermediate subsurface investigation was performed in the vicinity of the H2S flare sump in August 1996. The investigation included the installation of a single soil boring to a total depth of 27 feet BGS. Hydrocarbon impacts were detected in the shallow (1.5-2 feet) soils near the H2S flare sump. Analytical results at the 27 feet BGS interval were below laboratory detection limits. Investigation activities are summarized in the subsurface environmental assessment generated by Highlander Environmental Corp. dated September 1996.
8. A subsurface investigation was performed in the direct vicinity of field oil pit "d" in November 1996. The investigation included the installation of a single soil boring to a total depth of forty-eight (48) feet below ground surface (BGS). Analytical results indicated hydrocarbon impacts ext ended to 40 feet BGS. Groundwater was not encountered during the installation of the boring. Investigation activities are summarized in the final investigation report generated by Highlander Environmental Corp. dated July 1997. Remedial activities for the field oil pit "d" included over-excavation activities that were performed in February 2000. A total of 312 cubic yards of soil were removed. Remedial activities are detailed in the 2000 annual summary of investigation & remediation generated by Highlander Environmental Corp. in 2001.
9. The east sump was constructed of concrete and measured 5' x 5' x 5'. The east sump was removed in September 2000 and the area was over-excavated to approximately 9' x 13' x 10'. Confirmation samples from the excavation at depth (5') indicated hydrocarbon impacts in the soils. Remedial activities are detailed in the 2000 annual summary of investigation & remediation generated by Highlander Environmental Corp. in 2001.
10. A subsurface investigation was performed in the direct vicinity of the concrete drain sump in September 2000. The investigation included the installation of a single soil boring to a total depth of 51 feet BGS. Analytical results indicated hydrocarbon impacts at depth. Remedial activities for the concrete drain sump included removal of the sump in September 2000. The excavation area measured 9' x 13' x 9'. Confirmation samples from the excavation at depth (9') indicated hydrocarbon impacts in the soils. Both investigation and remediation activities are summarized in the 2000 annual summary of investigation & remediation generated by Highlander Environmental Corp. in 2001.
11. The north brine water retention pond (pond #2) measured approximately 243' x 243' x 15' and had a designed capacity of 75,000 barrels (BBLs). Usage of this pond was discontinued in early 1998. This north brine water retention pond was capped and crowned with a clay cap in late 2000.
12. The south brine water retention pond (pond #4) measured approximately 190' x 240' x 16' and had a designed capacity of 52,000 barrels (BBLs). Usage of this pond was discontinued in mid 1998. This south brine water retention pond was capped and crowned with a clay cap in late 2000.
13. The former tank battery location was struck by lightning in May 2005. This former tank battery location was used for fluid (LNAPL and produced water) storage by the groundwater remediation systems located on the east side of the plant. Approximately 350 BBLs of fluids were released and 330 BBLs were recovered. Demolition of the former tank battery is summarized in a transmittal letter of a semi-annual groundwater monitoring report for the Eunice south gas plant generated by Secor International inc. dated March 3, 2006.
14. A subsurface investigation was conducted in the vicinity of the former truck loading area located south of the plant in November 2005. The investigation included the installation of 3 borings to groundwater. Hydrocarbon impacts were detected in the shallow (5-6 feet BGS) and in the intermediate (25-26 BGS) in at least one boring. Two of the three wells were converted into monitor wells (MW-32 & MW-34). Investigation activities are summarized in the 2006 annual summary of investigation and remediation generated by Secor International Inc. in July 2008.
15. The northwest brine water retention pond (pond #3) was capped in July 2007. Demolition activities of the southwest brine water retention pond (pond #3) are summarized in the 2007 annual summary of investigation and remediation generated by Secor International in March 7, 2007.

Figure 2

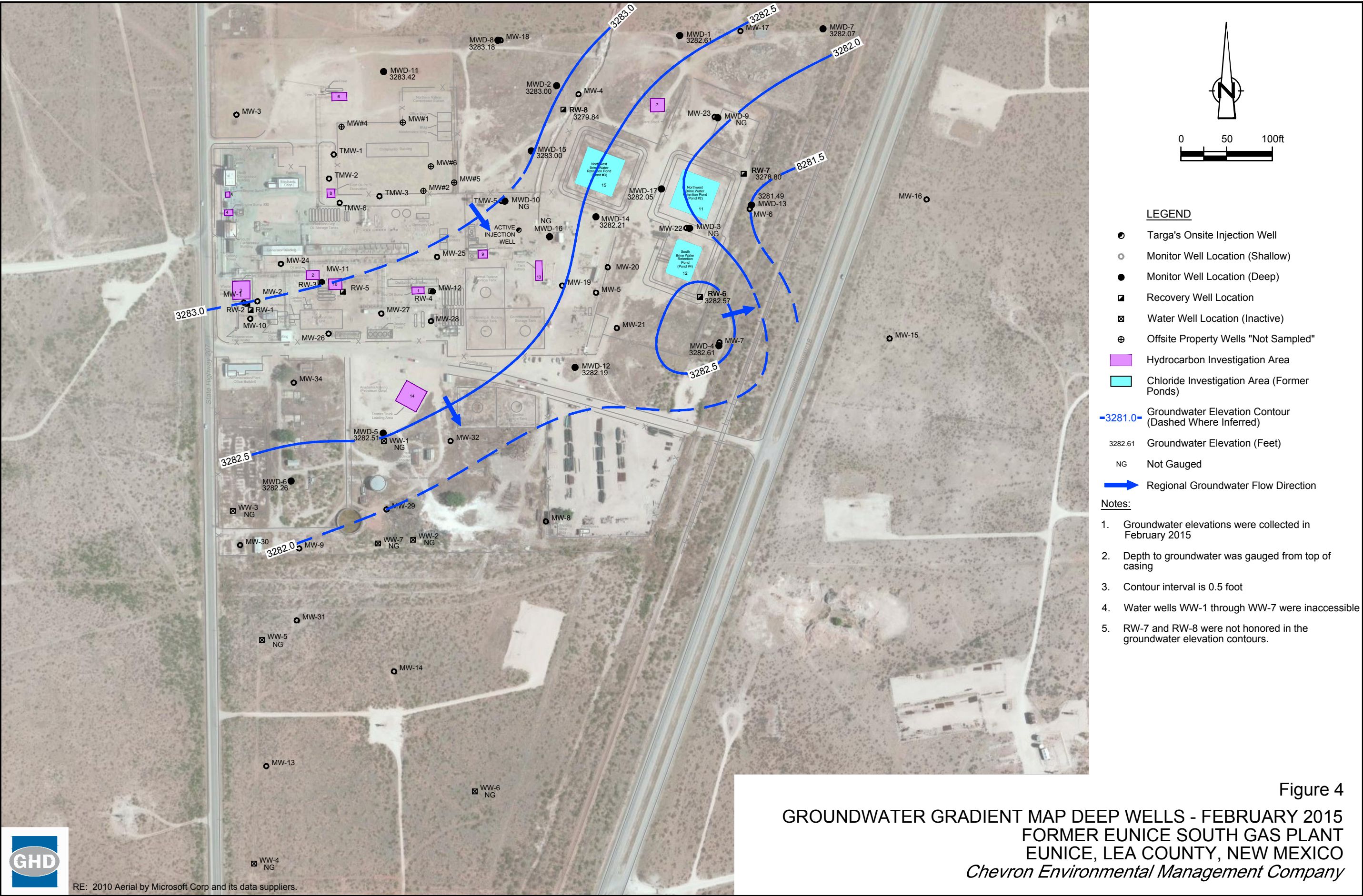
SITE DETAILS MAP
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

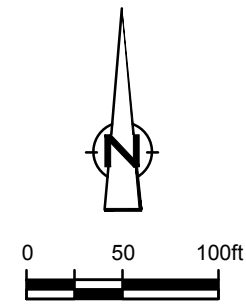
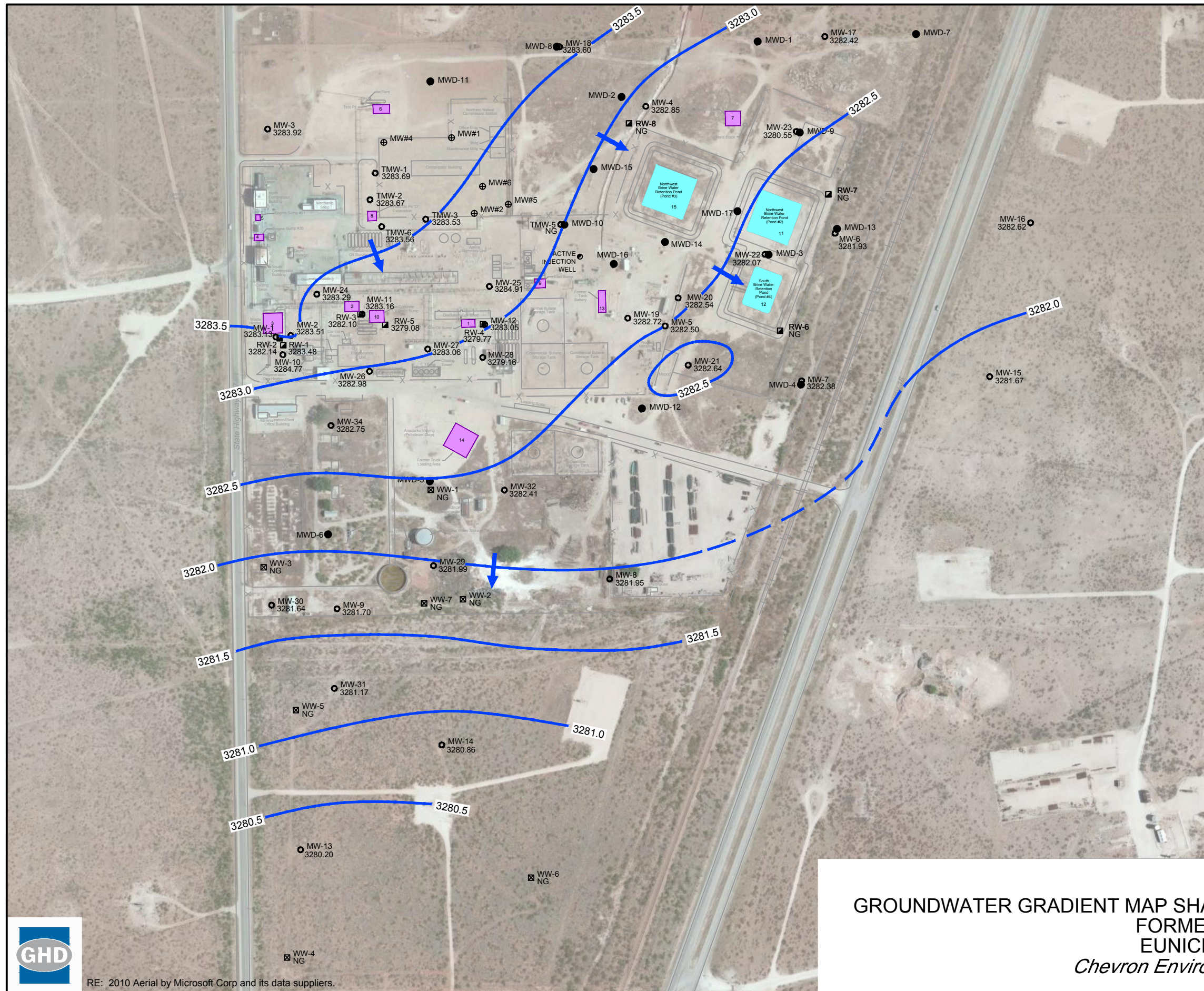


RE: 2010 Aerial by Microsoft Corp and its data suppliers.



RE: 2010 Aerial by Microsoft Corp and its data suppliers.



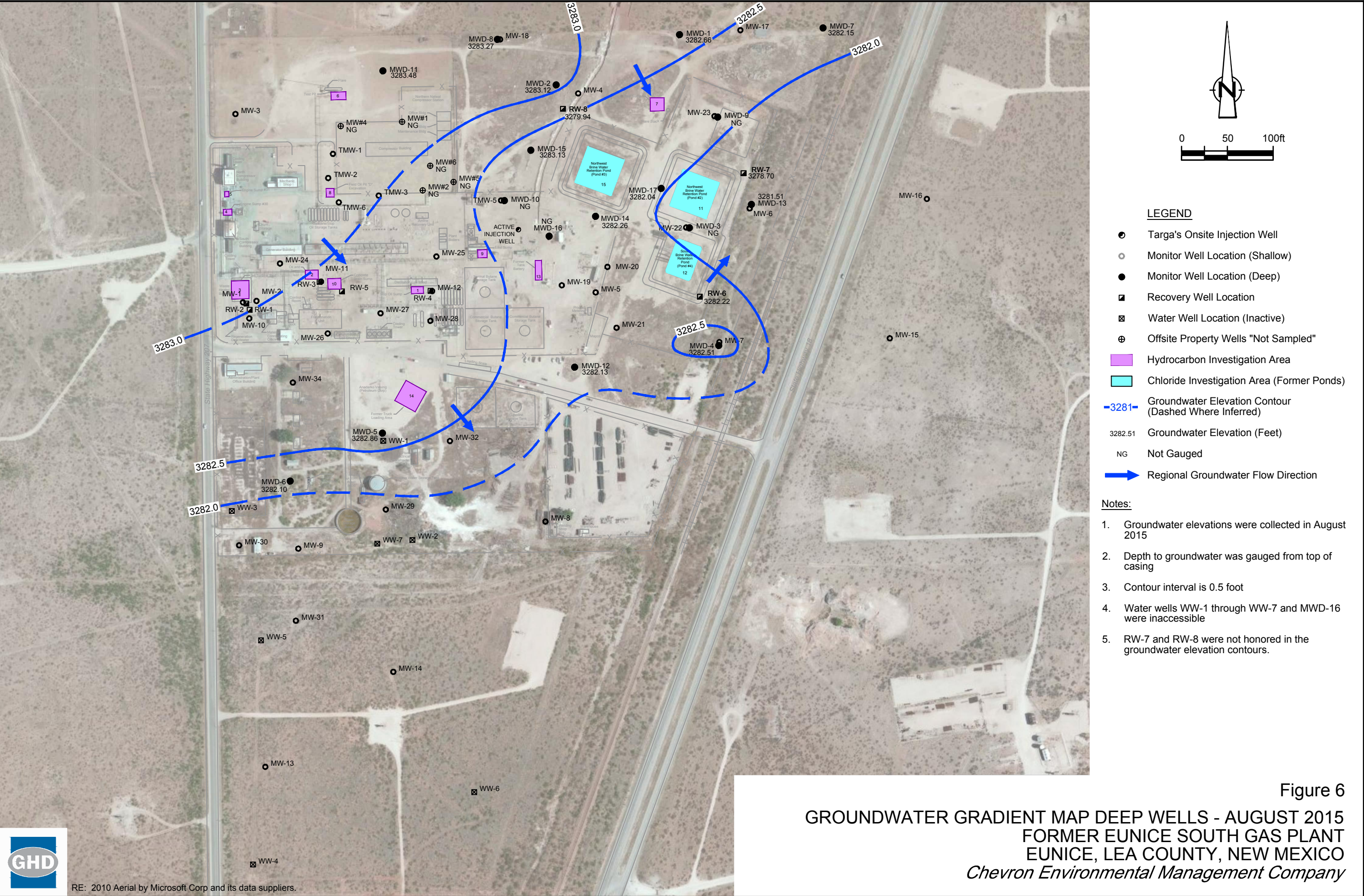


- LEGEND**
- Targa's Onsite Injection Well
 - Monitor Well Location (Shallow)
 - Monitor Well Location (Deep)
 - Recovery Well Location
 - ⊠ Water Well Location (Inactive)
 - ⊕ Offsite Property Wells "Not Sampled"
 - Hydrocarbon Investigation Area
 - Chloride Investigation Area (Former Ponds)
 - 3281- Groundwater Elevation Contour (Dashed Where Inferred)
 - 3281.67 Groundwater Elevation (Feet)
 - NG Not Gauged
 - Regional Groundwater Flow Direction

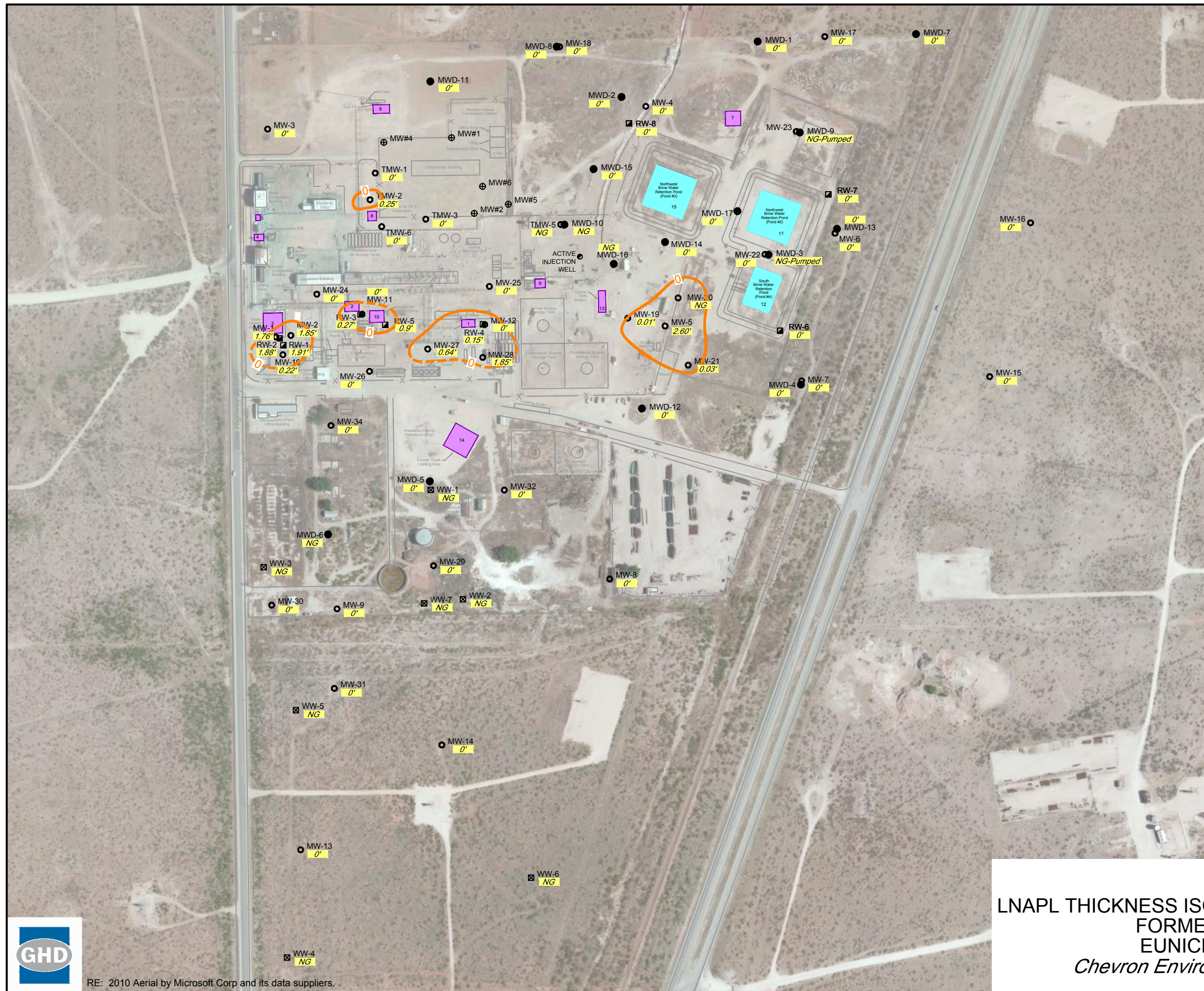
- Notes:**
1. Groundwater elevations were collected in August 2015
 2. Depth to groundwater was gauged from top of casing
 3. Contour interval is 1.0 foot
 4. RW-2, RW-3, RW-4, RW-5, MW-6, MW-10, MW-23, MW-25, and MW-28 were not honored in the groundwater elevation contours
 5. TMW-5 were inaccessible due to onsite construction

Figure 5
GROUNDWATER GRADIENT MAP SHALLOW WELLS - AUGUST 2015
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company





RE: 2010 Aerial by Microsoft Corp and its data suppliers.



LEGEND

- Targa's Onsite Injection Well
- Monitor Well Location (Shallow)
- Monitor Well Location (Deep)
- Recovery Well Location
- ⊠ Water Well Location (Inactive)
- ⊕ Offsite Property Wells "Not Sampled"
- Hydrocarbon Investigation Area
- Chloride Investigation Area
- 0.01' LNAPL Thickness (Feet)
- 0 — LNAPL Thickness Isopleth (Feet)
(Dashed Where Inferred)
- NG Not Gauged

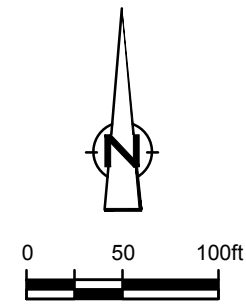
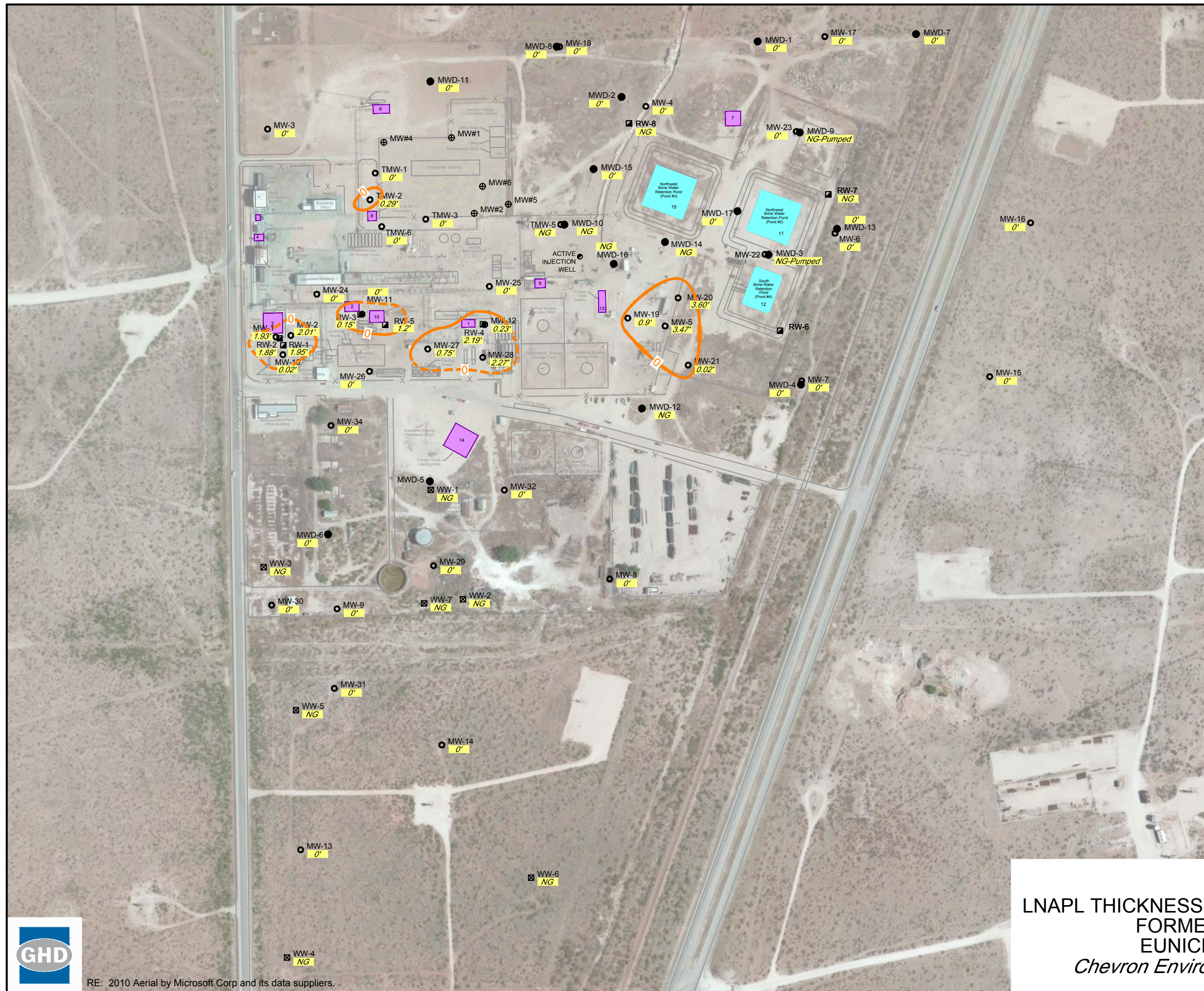
Note:

1. Wells gauged in February 2015.

Figure 7
LNAPL THICKNESS ISOPLETH MAP FEBRUARY 2015
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company



RE: 2010 Aerial by Microsoft Corp and its data suppliers.



LEGEND

- Targa's Onsite Injection Well
- Monitor Well Location (Shallow)
- Monitor Well Location (Deep)
- Recovery Well Location
- ⊠ Water Well Location (Inactive)
- ⊕ Offsite Property Wells "Not Sampled"
- Hydrocarbon Investigation Area
- Chloride Investigation Area
- 0.01' LNAPL Thickness (Feet)
- LNAPL Thickness Isopleth (Feet)
(Dashed Where Inferred)
- NG Not Gauged

Notes:

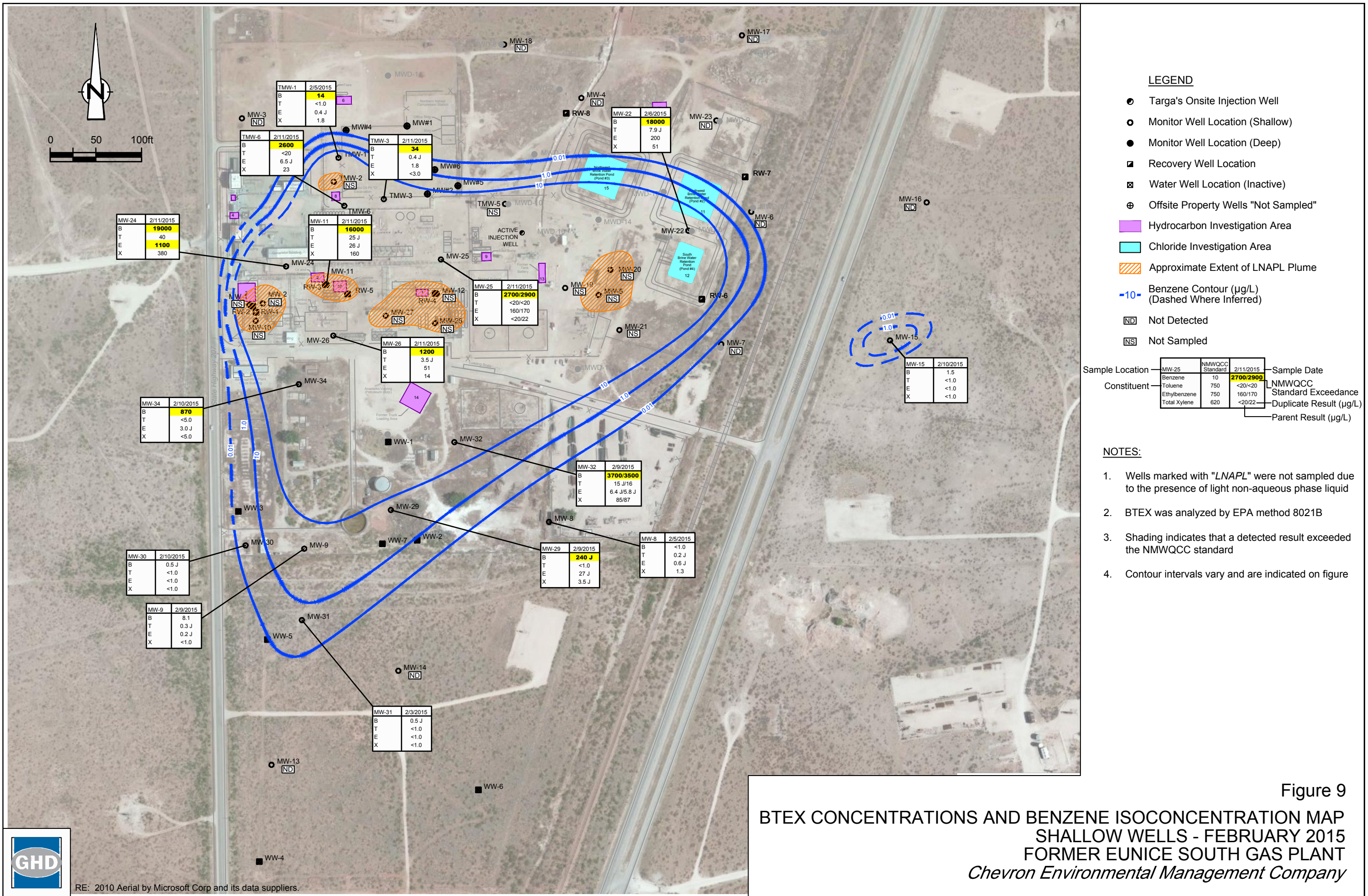
1. Wells gauged in August 2015.



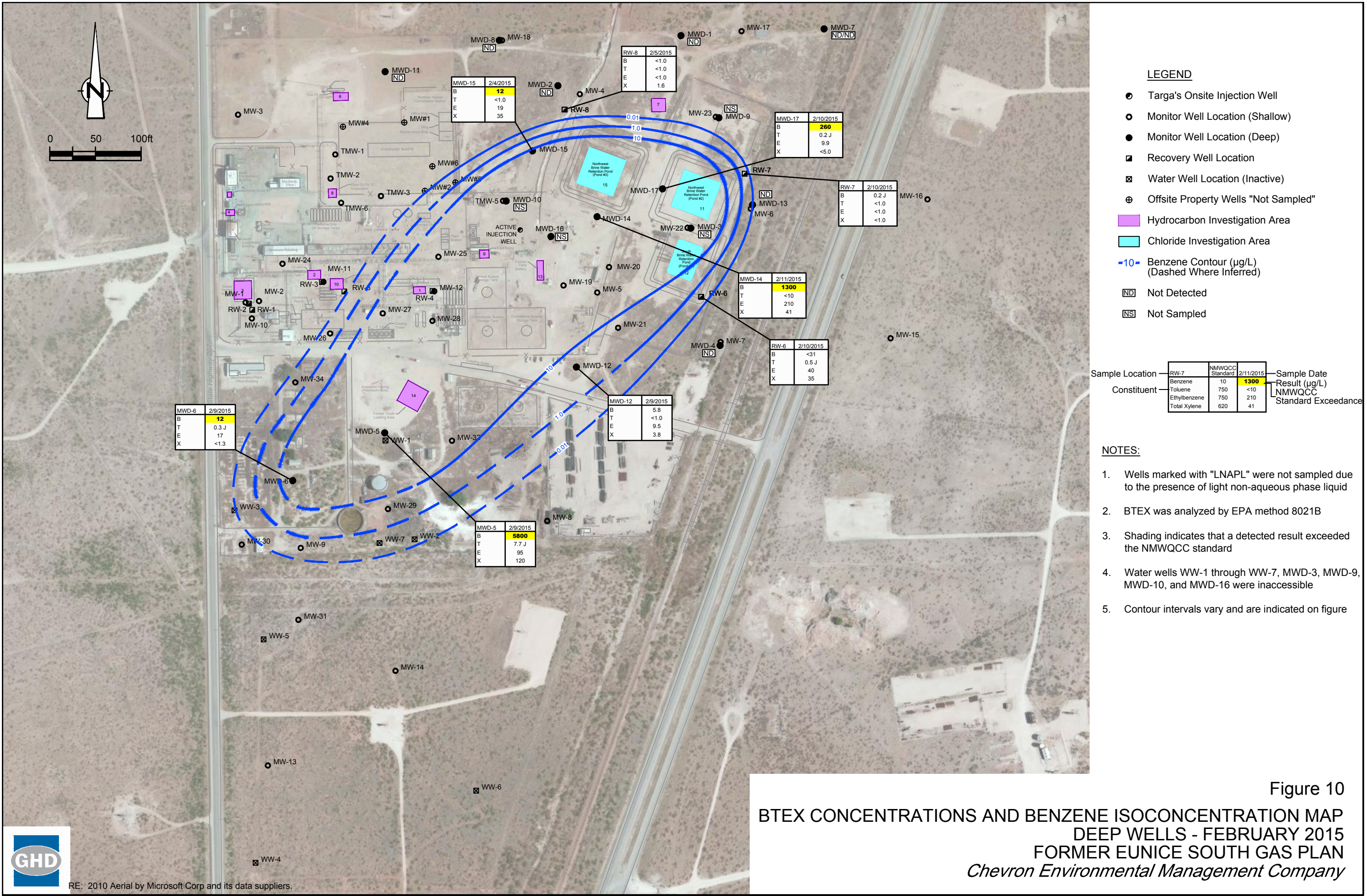
RE: 2010 Aerial by Microsoft Corp and its data suppliers.

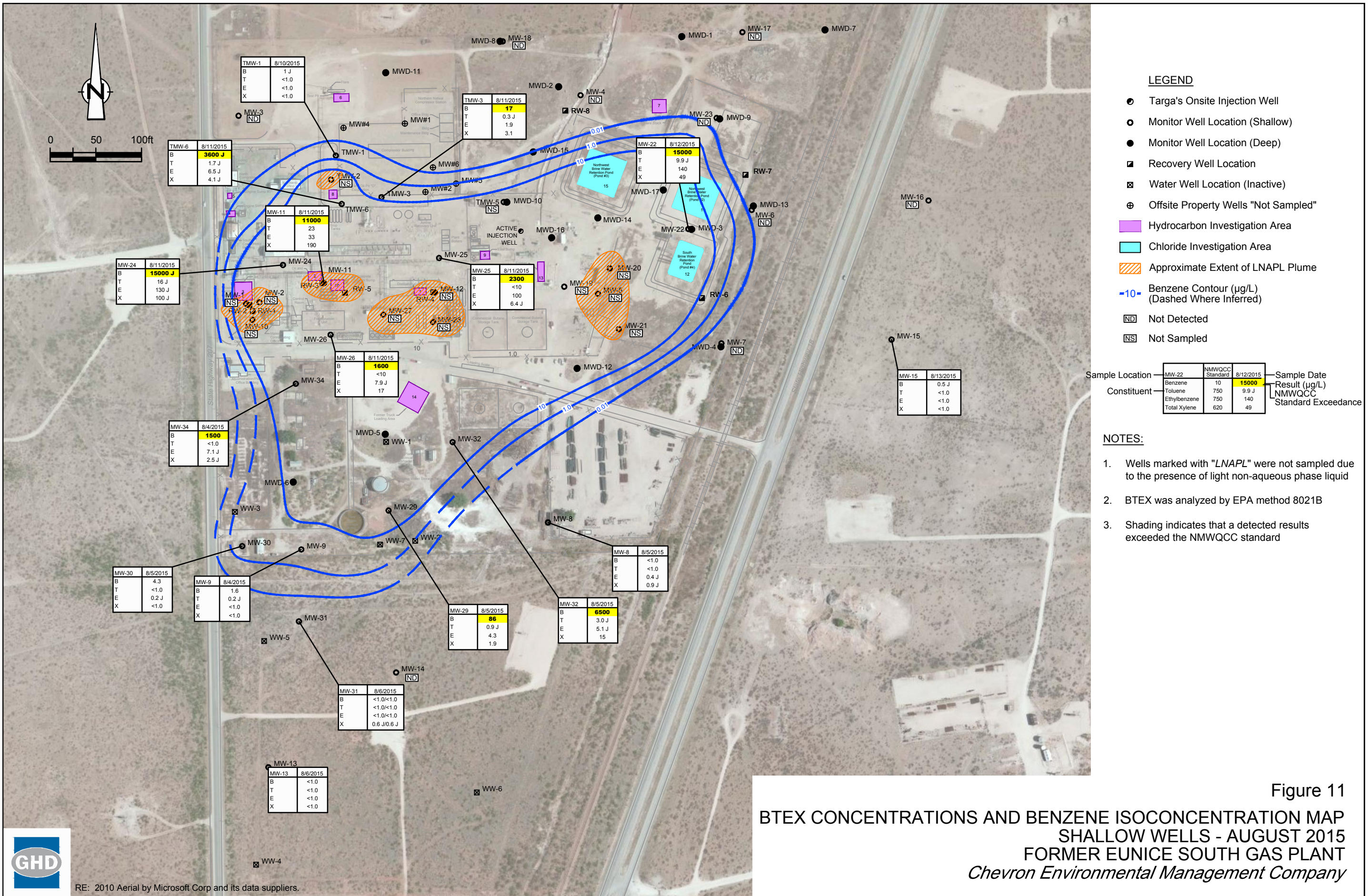
055271-00(011)GN-DL007 NOV 23/2015

Figure 8
LNAPL THICKNESS ISOPLETH MAP AUGUST 2015
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

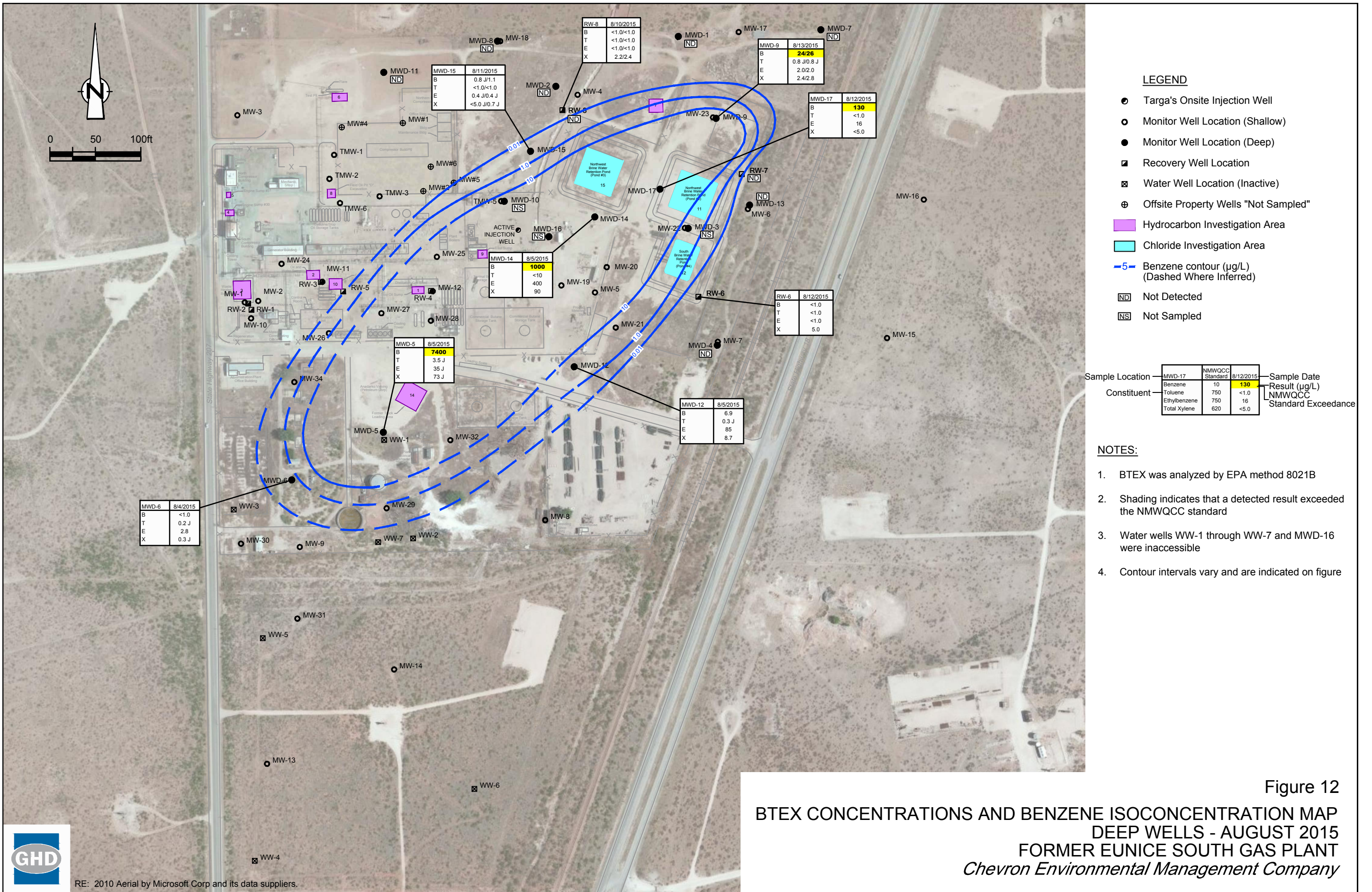


RE: 2010 Aerial by Microsoft Corp and its data suppliers.

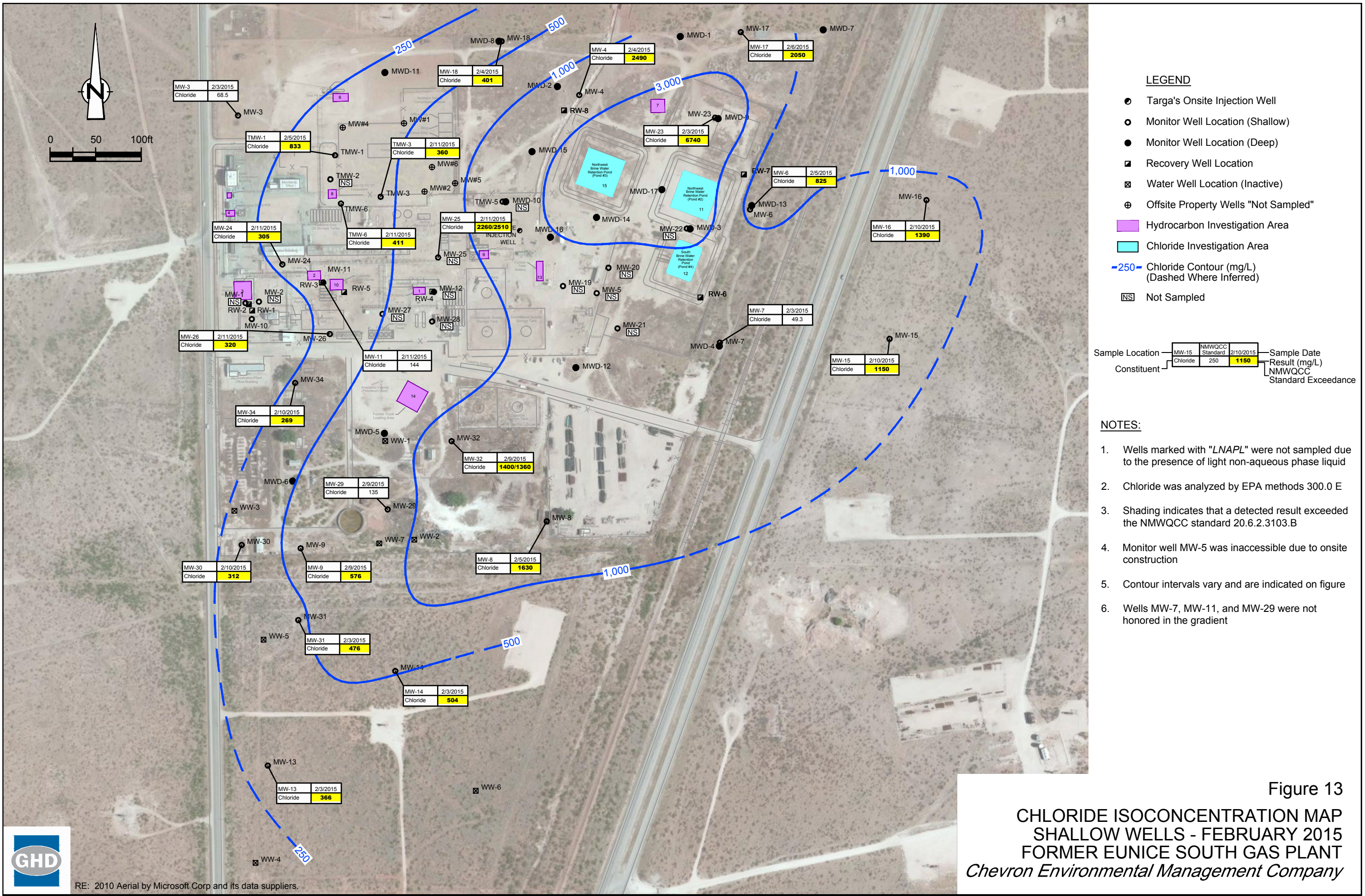




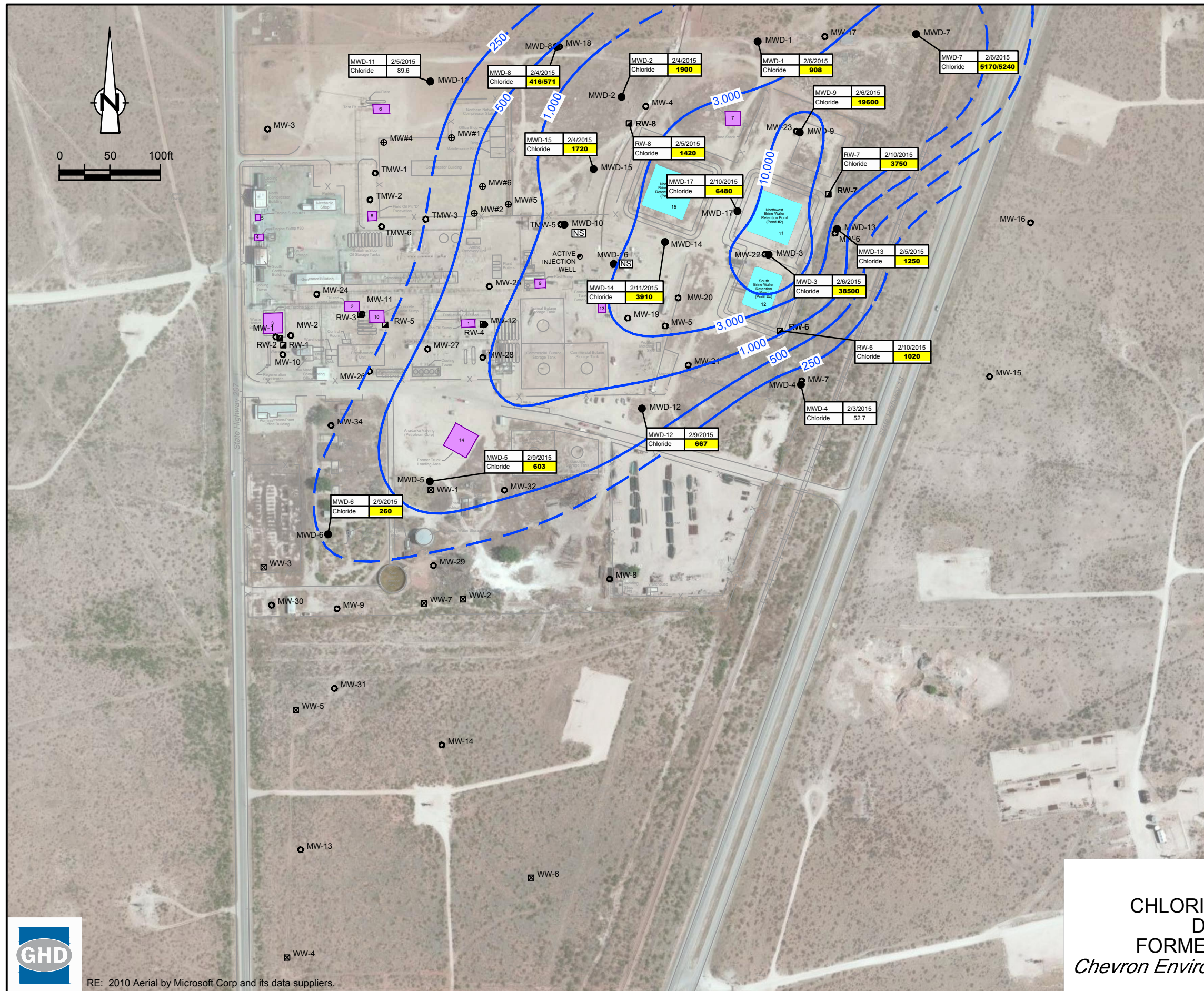
RE: 2010 Aerial by Microsoft Corp and its data suppliers.



RE: 2010 Aerial by Microsoft Corp and its data suppliers.



RE: 2010 Aerial by Microsoft Corp and its data suppliers.



RE: 2010 Aerial by Microsoft Corp and its data suppliers.

LEGEND

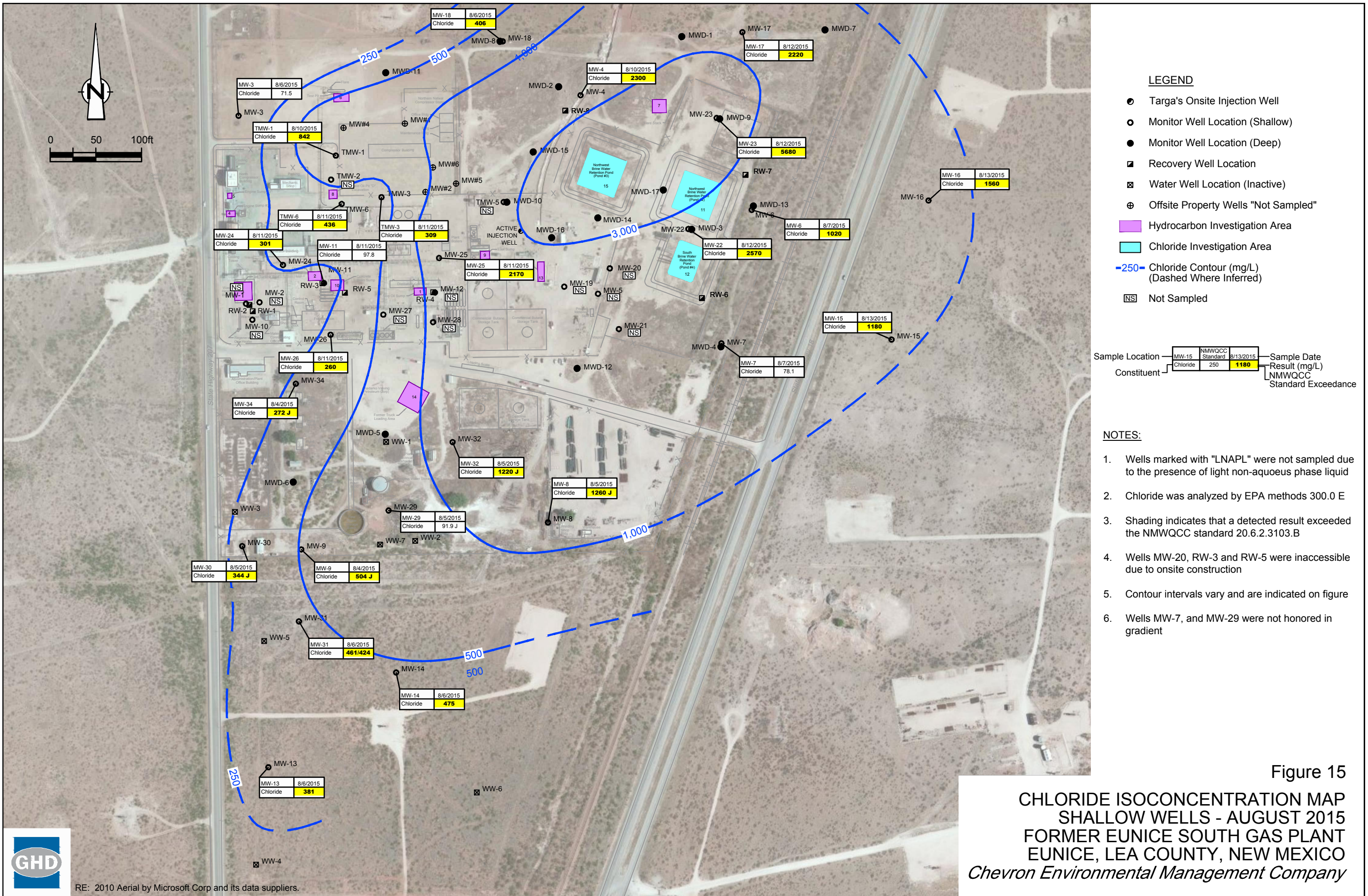
- Targa's Onsite Injection Well
- Monitor Well Location (Shallow)
- Monitor Well Location (Deep)
- Recovery Well Location
- ⊠ Water Well Location (Inactive)
- Offsite Property Wells "Not Sampled"
- Hydrocarbon Investigation Area
- Chloride Investigation Area
- 250- Chloride contour (mg/L)
(Dashed Where Inferred)

Sample Location Constituent	RW-6 Chloride	NMWQCC Standard 250	2/10/2015 1020	Sample Date Result (mg/L) NMWQCC Standard Exceedance

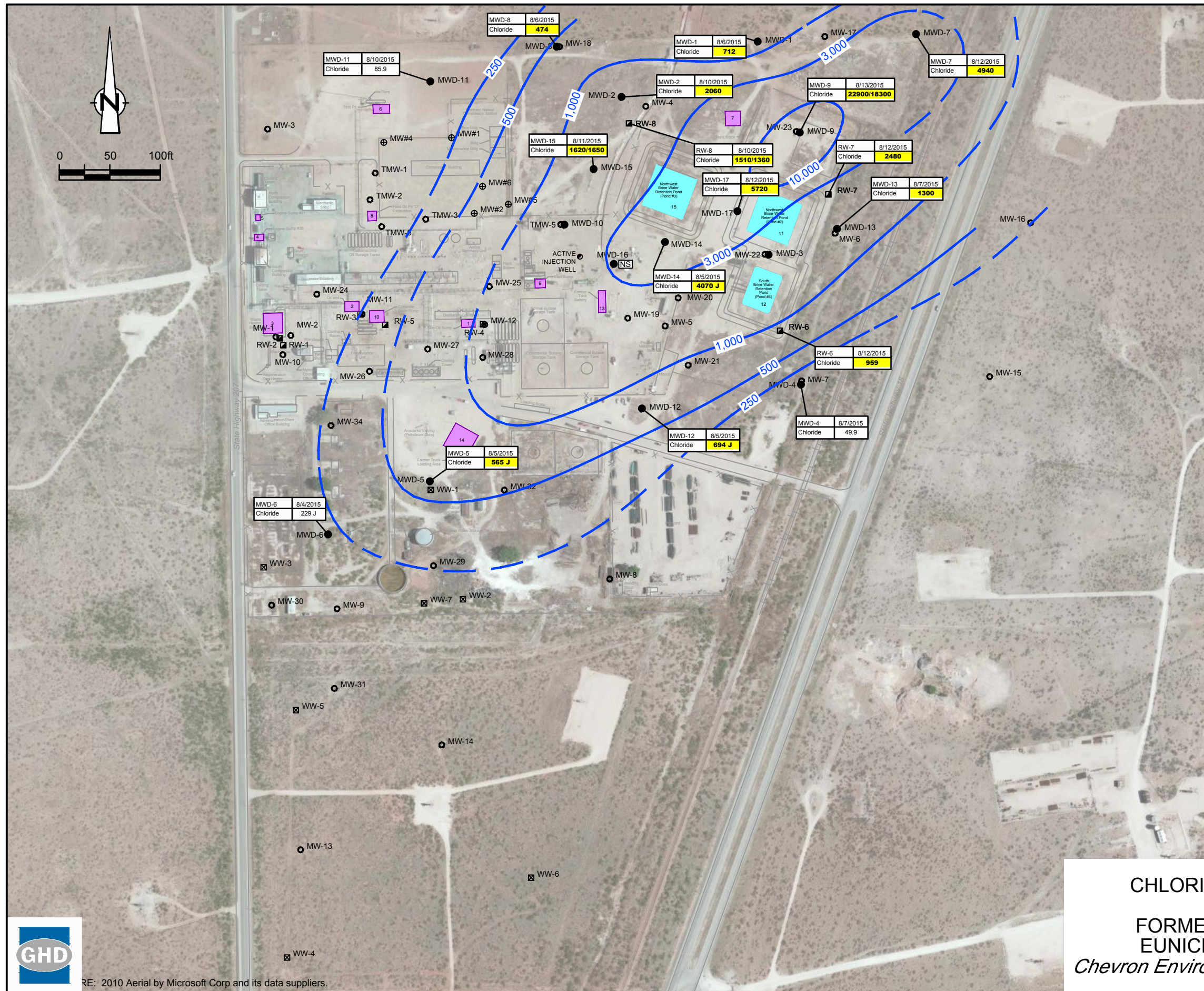
NOTES:

1. Wells marked with "LNAPL" were not sampled due to the presence of light non-aqueous phase liquid
2. Chloride was analyzed by EPA methods 300.0 E
3. Shading indicates that a detected result exceeded the NMWQCC standard 20.6.2.3103.B
4. Contour intervals vary and are indicated on figure
5. Water wells WW-1 through WW-7 and MWD-16 were inaccessible

Figure 14
CHLORIDE ISOCONCENTRATION MAP
DEEP WELLS - FEBRUARY 2015
FORMER EUNICE SOUTH GAS PLANT
Chevron Environmental Management Company



RE: 2010 Aerial by Microsoft Corp and its data suppliers.



LEGEND

- Targa's Onsite Injection Well
- Monitor Well Location (Shallow)
- Monitor Well Location (Deep)
- Recovery Well Location
- ⊠ Water Well Location (Inactive)
- ⊕ Offsite Property Wells "Not Sampled"
- Hydrocarbon Investigation Area
- Chloride Investigation Area
- 250- Chloride Contour (mg/L)
(Dashed Where Inferred)

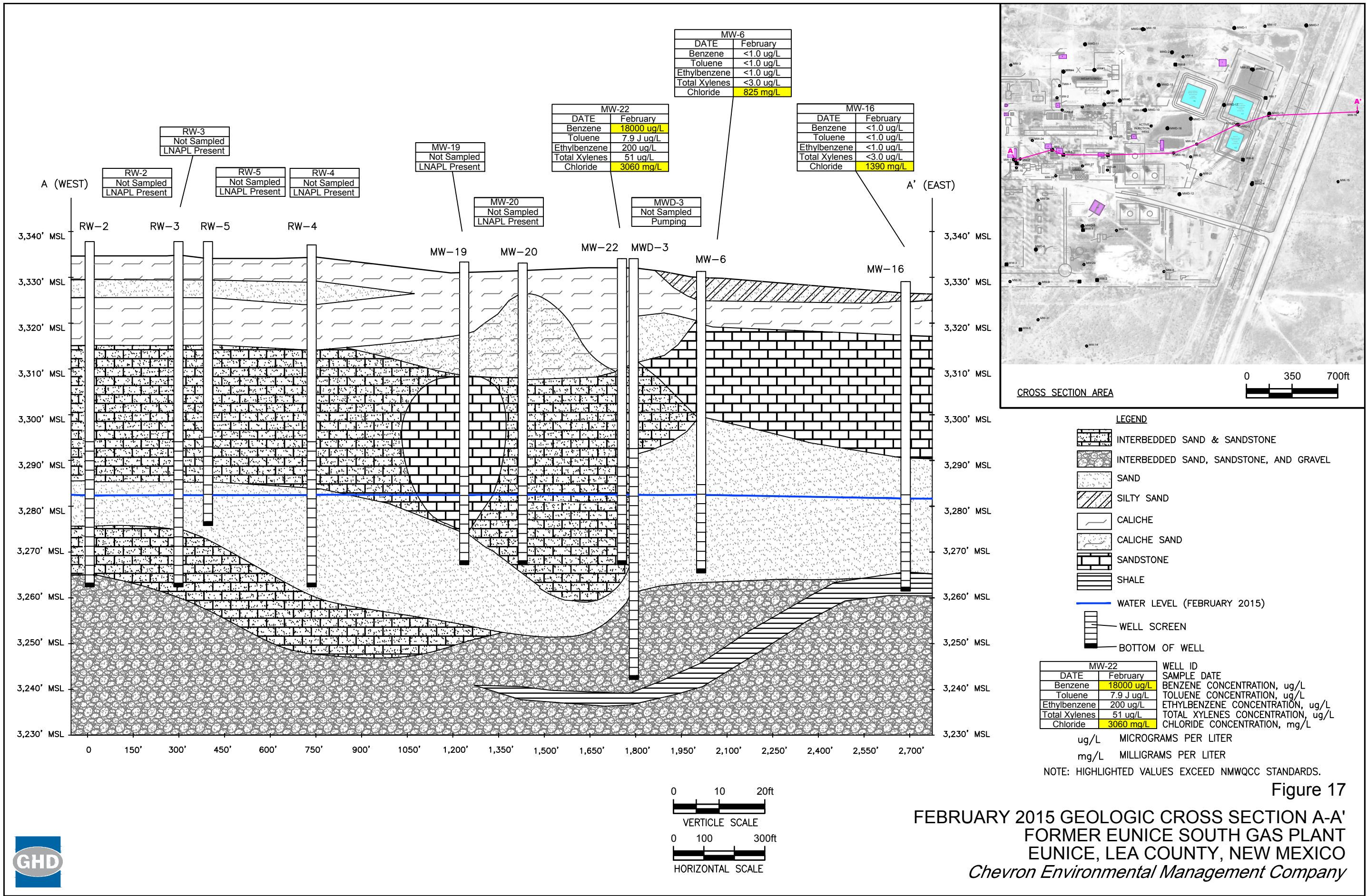
Sample Location	NMWQCC Standard	Sample Date	Result (mg/L)	NMWQCC Standard Exceedance
RW-6	250	8/12/2015	959	

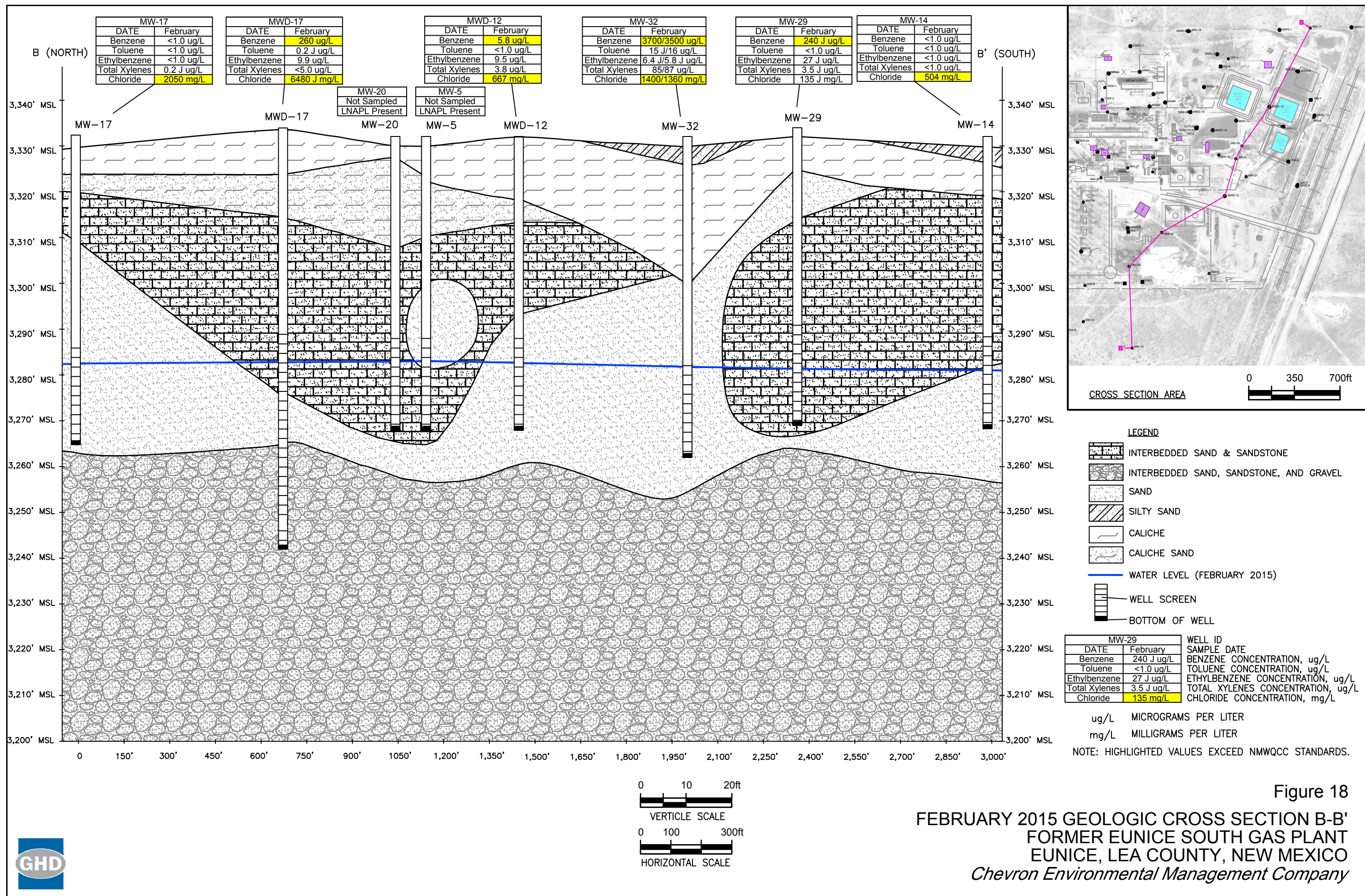
- NOTES:**
- Chloride was analyzed by EPA methods 300.0 E
 - Shading indicates that a detected result exceeded the NMWQCC standard
 - Water wells WW-1 through WW-7 and MWD-16 were inaccessible
 - Contour intervals vary and are indicated on figure

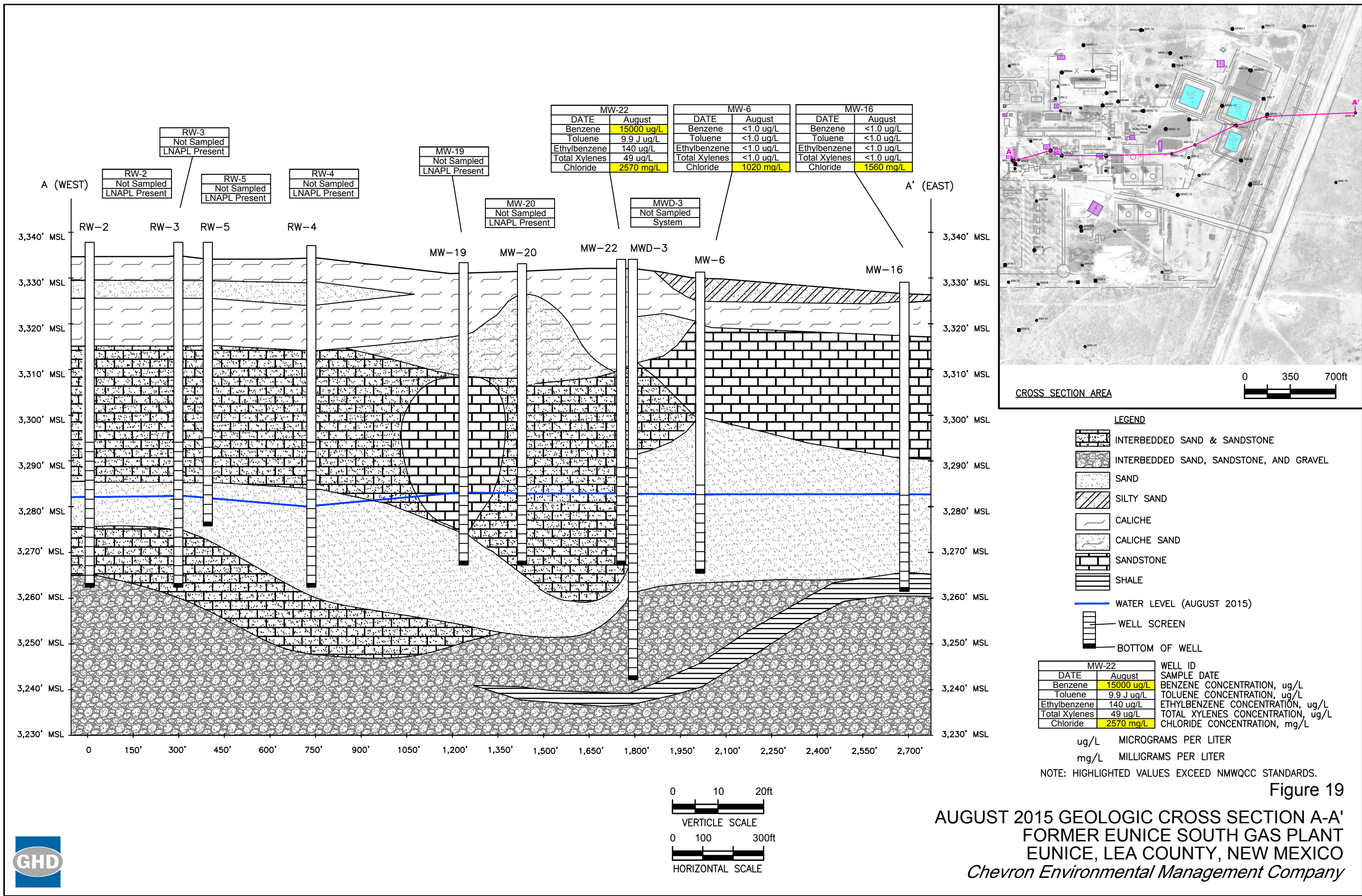


RE: 2010 Aerial by Microsoft Corp and its data suppliers.

Figure 16
CHLORIDE ISOCONCENTRATION MAP
DEEP WELLS - AUGUST 2015
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company









Tables

TABLE 1
SUMMARY OF SOIL VAPOR EXTRACTION RECOVERY DATA
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Date	LNAPL Recovered (gallons)	Total Fluids Recovered (gallons)
2004	103,351	103,351
2005	Data Not Available	
2006	18,510	18,510
2007	SVE System Did Not Operate	
2008	SVE System Did Not Operate	
2009	SVE System Did Not Operate	
2010	SVE System Did Not Operate	
2011	SVE System Did Not Operate	
2012	SVE System Did Not Operate	
2013	SVE System Did Not Operate	
2014	SVE System Did Not Operate	
2015	SVE System Did Not Operate	
	121,861	121,861

Notes:

1. LNAPL - Light non-aqueous phase liquid.
2. LNAPL recovery data collected from historical groundwater monitoring reports.

TABLE 2
SUMMARY OF LNAPL RECOVERY - WEST SIDE
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date	LNAPL Recovered (gallons)	Water Recovered (gallons)	Total Fluids Recovered (gallons)
West Side LNAPL Recovery Wells ²				
	2004	2,889	--	2,889
	2005	1,705	--	1,705
	2006	733	--	733
	2007-2014	West Side Skimmer System Did Not Operate		
West Side LNAPL Recovery Wells- Manual Recovery				
MW-1	April-September 2011	66.3	8.1	74.4
MW-2	April-September 2011	54.0	1.5	55.5
MW-10	April-September 2011	4.9	5.4	10.3
RW-1	April-September 2011	98.3	2.0	100.3
RW-2	April-September 2011	100.9	5.5	100.9
MW-1	August 2012-December 2012	22.0	0	22.0
MW-2	August 2012-December 2012	19.0	1.0	20.0
MW-10	August 2012-December 2012	18.0	0	18.0
RW-1	August 2012-December 2012	17.0	0	17.0
RW-2	August 2012-December 2012	15.0	2.0	17.0
MW-1	2013	36.5	0.5	36.5
MW-2	2013	31.6	0	31.6
MW-10	2013	29.3	0.5	29.3
RW-1	2013	47.5	1	47.5
RW-2	2013	52.8	2.5	55.3
MW-1	2014	45.5	0	45.5
MW-2	2014	27.3	0	27.3
MW-10	2014	45.4	0	45.4
RW-1	2014	68.8	0	68.8
RW-2	2014	68.0	1.0	69.0
MW-12	2014 ³	0.8	0	0.8
MW-19	2014 ³	0.9	0	0.9
MW-27	2014 ³	4.3	0	4.3
MW-28	2014 ³	9.4	0	9.4
TMW-2	2014 ³	4.2	0.5	4.7
RW-3	2014 ³	4.2	0	4.2
RW-4	2014 ³	12.8	0	12.8
RW-5	2014 ³	2.8	0	2.8
13 Wells	2015 ⁴	135.0	0	135.0
West Side LNAPL Recovery Wells- MDPE				
RW-1, MW-27, MW-28	2015 ⁴	1,184.6	22,874.0	24,058.6
	TOTALS (2004-2015)	7,553.7	22,898.0	30,451.7

Notes:

1. LNAPL - Light non-aqueous phase liquid.
2. LNAPL recovery data collected from historical groundwater monitoring reports.
3. Manual LNAPL recovery begun at wells MW-12, MW-19, MW-27, MW-28, TMW-2, RW-3, RW-4, RW-5 on 10/27/14.
4. Manual LNAPL recovery suspended, MDPE recovery begun August 2015.

TABLE 3
SUMMARY OF LNAPL RECOVERY - EAST SIDE
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date	LNAPL Recovered (gallons)	Water Recovered (gallons)	Total Fluids Recovered (gallons)
<i>East Side LNAPL Recovery Wells</i>				
MW-5	May 2003	Ferret Pump installed		
	2003	86	2,704	2,790
	2004	245	5,620	5,865
	2005	237	5,235	5,472
	2006	373	4,406	4,779
	2007	295	3,395	3,690
	2008	375	4,013	4,388
	January-February 2009	9	46	55
	March-December 2009	69	45	114
	2010	43	31	74
	January 2011	11.5	2.75	14.3
	2012-2013	East Side System Did Not Operate		
	TOTAL (2003-2013)	1,744	25,498	27,241
MW-20	May 2003	Ferret Pump installed		
	2003	95	1,935	2,030
	2004	235	7,015	7,250
	2005	320	6,730	7,050
	2006	504	5,650	6,154
	2007	368	2,990	3,358
	2008	574	7,041	7,615
	January-February 2009	66	554	620
	March-December 2009	429	68	497
	2010	652	122	774
	January 2011	67	--	67
	2012-2013	East Side System Did Not Operate		
	TOTAL (2003-2013)	3,310	32,105	35,415
<i>East Side LNAPL Recovery Wells - Manual Recovery</i>				
MW-5	2013	34.8	0.5	35.3
	2014	68.8	0.5	69.3
	2015	30.0	0	30.0
MW-20	2013	40.7	0.3	41.0
	2014	72.0	0	72.0
	2015	28.5	0	28.5
	TOTAL (2013-2015)	274.8	1.3	276.0
<i>East Side LNAPL Recovery Wells - MDPE</i>				
MW-5	2015	258.6	8,022.0	8,280.6
	TOTAL (2015)	258.6	8,022.0	8,280.6
	GRAND TOTAL (2003-2015)	5,587	65,626	71,213

Notes:

1. LNAPL - Light non-aqueous phase liquid.
2. LNAPL recovery data collected from historical groundwater monitoring reports.
3. Manual LNAPL recovery suspended, MDPE recovery begun August 2015.

TABLE 4
SUMMARY OF CHLORIDE RECOVERY
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Year	Chloride-Impacted Groundwater Recovered (bbls)					Year End Totals (bbls)
	MWD-3	MWD-9	RW-6	RW-7	RW-8	
2004	58,934.0	83,930.0	---	---	---	142,864
2005	46,991.0	69,596.0	---	---	---	116,587
2006	34,367.1	46,745.0	34,952.9	4,828.9	19,638.5	140,532
2007	37,105.4	31,891.9	20,652.0	31,658.0	31,400.0	152,707
2008	10,017.5	37,016.6	29,434.2	4,929.5	114,289.1	195,687
2009	20,789.7	31,995.1	26,583.4	33,797.9	32,247.2	145,413
2010	34,993.0	21,375.0	49,620.0	24,867.0	19,973.0	150,828
2011 ¹	System Did Not Operate					
2012	2.0	2.0	2.0	2.0	2.0	10
2013	10.7	4.0	0	0	0	15
2014	19,109.4	36,785.6	0	0	0	55,895
2015	26,025.7	50,099.3	0	0	0	76,125
Totals	262,319.8	359,341.2	161,244.5	100,083.3	217,549.8	

1 The east side groundwater recovery system did not operate in 2011 due to no access to onsite disposal facility.

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
Shallow Monitor Wells								
MW-1 3335.09	2"	2/18/09	54.27	51.96	2.31	3,282.62	60.00	45-60
		8/5/09	54.30	52.03	2.27	3,282.56	---	
		2/2/10	54.65	52.10	2.55	3,282.43	---	
		8/2/10	54.69	52.18	2.51	3,282.36	---	
		4/4/11	54.50	51.97	3.51	3,283.33	---	
		8/8/11	54.40	51.95	2.45	3,282.60	---	
		2/6/12	54.73	52.18	2.55	3,282.35	---	
		8/7/12	54.53	51.88	2.65	3,282.63	---	
		2/5/13	54.39	52.01	2.38	3,282.56	---	
		8/5/13	54.42	51.85	2.57	3,282.66	---	
		2/3/14	54.35	51.85	2.50	3,282.69	---	
		8/5/14	54.40	51.85	2.55	3,282.68	---	
		2/2/15	53.38	51.62	1.76	3,283.08	---	
		8/3/15	53.47	51.54	1.93	3,283.13	---	
MW-2 3335.70	2"	2/18/09	56.44	53.85	2.59	3,281.34	61.00	46-61
		8/5/09	54.90	52.21	2.69	3,282.96	---	
		2/2/10	54.93	52.25	2.68	3,282.92	---	
		8/2/10	54.85	52.34	2.51	3,282.87	---	
		4/4/11	54.90	52.15	3.51	3,283.62	---	
		8/8/11	54.52	52.21	2.31	3,283.04	---	
		2/6/12	54.97	52.22	2.75	3,282.94	---	
		8/7/12	---	52.09	---	---	---	
		2/5/13	54.61	52.06	2.55	3,283.14	---	
		8/5/13	54.56	52.03	2.53	3,286.20	---	
		2/3/14	---	52.07	---	---	---	
		8/5/14	---	52.05	---	---	---	
		2/2/15	53.65	51.8	1.85	3,283.54	---	
		8/3/15	53.81	51.8	2.01	3,283.51	---	
MW-3 3339.65	4"	2/9/09	56.24	---	---	3,283.41	---	46.4-66.4
		8/5/09	56.25	---	---	3,283.40	68.40	
		2/2/10	56.30	---	---	3,283.35	---	
		8/2/10	56.31	---	---	3,283.34	---	
		4/4/11	56.20	---	---	3,283.45	---	
		8/8/11	56.15	---	---	3,283.50	68.42	
		2/6/12	56.12	---	---	3,283.53	---	
		8/6/12	56.10	---	---	3,283.55	---	
		2/5/13	56.10	---	---	3,283.55	---	
		8/5/13	56.18	---	---	3,283.47	---	
		2/3/14	56.06	---	---	3,283.59	---	
		8/5/14	56.06	---	---	3,283.59	---	
		2/2/15	55.80	---	---	3,283.85	68.40	
		8/3/15	55.73	---	---	3,283.92	68.41	
MW-4 3333.25	4"	2/11/09	51.99	---	---	3,281.26	---	46.7-66.7
		8/4/09	51.43	---	---	3,281.82	66.30	
		2/2/10	51.91	---	---	3,281.34	---	
		8/2/10	51.76	---	---	3,281.49	---	
		4/4/11	50.98	---	---	3,282.27	---	
		8/8/11	50.80	---	---	3,282.45	---	
		2/6/12	50.72	---	---	3,282.53	---	
		8/7/12	50.62	---	---	3,282.63	---	
		2/5/13	50.55	---	---	3,282.70	---	
		8/5/13	50.66	---	---	3,282.59	---	
		2/5/14	50.51	---	---	3,282.74	---	
		8/5/14	50.86	---	---	3,282.39	---	
		2/2/15	50.47	---	---	3,282.78	67.45	
		8/3/15	50.40	---	---	3,282.85	67.40	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MW-6 3332.33	4"	2/5/09	52.14	---	---	3,280.19	---	46.6-66.6
		8/4/09	52.20	---	---	3,280.13	68.40	
		2/2/10	52.53	---	---	3,279.80	---	
		8/2/10	52.95	---	---	3,279.38	---	
		4/4/11	51.23	---	---	3,281.10	---	
		8/8/11	50.94	---	---	3,281.39	68.43	
		2/6/12	50.87	---	---	3,281.46	---	
		8/17/12	50.68	---	---	3,281.65	---	
		2/5/13	50.61	---	---	3,281.72	---	
		8/5/13	50.70	---	---	3,281.63	---	
		2/3/14	50.52	---	---	3281.81	---	
		8/5/14	51.22	---	---	3281.11	---	
		2/2/15	50.40	---	---	3281.93	68.45	
		8/3/15	50.40	---	---	3281.93	68.43	
MW-7 3330.43	4"	2/5/09	49.86	---	---	3,280.57	---	46.7-66.7
		8/4/09	50.08	---	---	3,280.35	68.70	
		2/2/10	50.25	---	---	3,280.18	---	
		8/2/10	50.91	---	---	3,279.52	---	
		4/4/11	49.48	---	---	3,280.95	---	
		8/8/11	49.28	---	---	3,281.15	68.72	
		2/6/12	49.19	---	---	3,281.24	---	
		8/17/12	49.12	---	---	3,281.31	---	
		2/5/13	49.08	---	---	3,281.35	---	
		8/5/13	49.15	---	---	3,281.28	---	
		2/3/14	49.00	---	---	3281.43	---	
		8/5/14	49.30	---	---	3281.13	---	
		2/2/15	47.80	---	---	3282.63	68.75	
		8/3/15	48.05	---	---	3282.38	68.73	
MW-8 3330.59	4"	2/2/09	49.48	---	---	3,281.11	---	46.7-66.7
		8/4/09	49.66	---	---	3280.93	68.8	
		2/2/10	49.86	---	---	3,280.73	---	
		8/2/10	49.83	---	---	3,280.76	---	
		4/4/11	49.82	---	---	3,280.77	---	
		8/8/11	49.80	---	---	3,280.79	68.00	
		2/6/12	49.84	---	---	3,280.75	---	
		8/7/12	53.30	---	---	3,277.29	---	
		2/5/13	49.77	---	---	3,280.82	---	
		8/5/13	49.74	---	---	3,280.85	---	
		2/3/14	49.70	---	---	3280.89	---	
		8/5/14	49.74	---	---	3280.85	---	
		2/2/15	48.55	---	---	3282.04	68.91	
		8/3/15	48.64	---	---	3281.95	68.9	
MW-9 3334.73	4"	2/12/09	53.46	---	---	3,281.27	---	46.8-66.8
		8/5/09	53.56	---	---	3,281.17	69.00	
		2/2/10	53.66	---	---	3,281.07	---	
		8/2/10	53.75	---	---	3,280.98	---	
		4/4/11	53.71	---	---	3,281.02	---	
		8/8/11	53.66	---	---	3,281.07	69.00	
		2/6/12	53.66	---	---	3,281.07	---	
		8/6/12	53.71	---	---	3,281.02	---	
		2/5/13	53.59	---	---	3,281.14	---	
		8/5/13	53.60	---	---	3,281.13	---	
		2/3/14	53.50	---	---	3281.23	---	
		8/5/14	53.58	---	---	3281.15	---	
		2/2/15	53.05	---	---	3281.68	70.3	
		8/3/15	53.03	---	---	3281.70	70.25	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater ⁴ Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MW-10 3336.38	4"	2/18/09	53.84	53.83	0.01	3,282.55	66.40	46.4-66.4
		8/5/09	53.95	---	---	3,282.43	---	
		2/2/10	54.02	---	---	3,282.36	---	
		8/2/10	54.28	54.05	0.23	3,282.28	---	
		4/4/11	54.60	53.80	0.80	3,282.42	---	
		8/8/11	54.22	53.85	0.37	3,282.46	---	
		2/6/12	54.29	54.23	0.06	3,282.14	---	
		8/7/12	56.40	53.33	3.07	3,282.45	---	
		2/5/13	56.34	53.28	3.06	3,282.50	---	
		8/5/13	56.33	53.24	3.09	3,282.46	---	
		2/3/14	54.41	51.46	2.95	3284.34	---	
		8/5/14	54.43	51.47	2.96	3284.29	---	
		2/2/15	51.83	51.61	0.22	3284.73	---	
		8/3/15	51.63	51.61	0.02	3284.77	---	
MW-11 3334.86	4"	2/18/09	52.21	---	---	3,282.65	66.79	46.7-66.7
		8/5/09	52.37	52.35	0.02	3,282.51	---	
		2/2/10	52.46	---	---	3,282.40	---	
		8/2/10	52.48	---	---	3282.38	---	
		4/4/11	52.32	---	---	3,282.54	---	
		8/8/11	52.30	---	---	3,282.56	---	
		2/6/12	52.36	---	---	3,282.50	---	
		8/7/12	52.32	---	---	3,282.54	---	
		2/5/13	52.30	---	---	3,282.56	---	
		2/3/14	52.18	---	---	3282.68	---	
		8/5/14	52.24	---	---	3282.62	---	
		2/2/15	51.84	---	---	3283.02	64.7	
		8/3/15	51.7	---	---	3283.16	64.88	
MW-12 3333.88	4"	2/18/09	52.14	51.42	0.72	3,282.31	67.12	47.1-67.1
		8/5/09	52.27	51.55	0.72	3,282.18	---	
		2/2/10	52.20	51.75	0.45	3,282.03	---	
		8/2/10	52.43	51.81	0.62	3,281.94	---	
		4/4/11	52.10	51.50	0.60	3,282.25	---	
		8/8/11	52.05	51.40	0.65	3,282.34	---	
		2/6/12	52.28	51.73	0.55	3,282.03	---	
		8/7/12	52.19	51.38	0.81	3,282.33	---	
		2/5/13	52.05	51.35	0.70	3,282.38	---	
		8/5/13	52.01	51.30	0.71	3,282.22	---	
		2/3/14	51.99	51.29	0.70	3282.44	---	
		8/5/14	52.12	51.43	0.69	3282.3	---	
		2/2/15	56.11	54.03	2.08	3279.41	---	
		8/3/15	51.01	50.78	0.23	3283.05	---	
MW-13 3336.15	4"	2/9/09	56.30	---	---	3,279.85	---	48-68
		8/4/09	56.30	---	---	3,279.85	70.00	
		2/2/10	56.31	---	---	3,279.84	---	
		8/2/10	56.47	---	---	3,279.68	---	
		4/4/11	56.47	---	---	3,279.68	---	
		8/8/11	No Access - Construction on Site				---	
		2/6/12	56.36	---	---	3,279.79	---	
		8/6/12	56.42	---	---	3,279.73	---	
		2/5/13	56.37	---	---	3,279.78	---	
		8/5/13	56.34	---	---	3,279.81	---	
		2/3/14	56.27	---	---	3279.88	---	
		8/5/14	56.36	---	---	3279.79	---	
		2/2/15	56.13	---	---	3280.02	70.10	
		8/3/15	55.95	---	---	3280.20	70.07	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater ⁴ Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MW-14 3333.04	4"	2/9/09	52.63	---	---	3,280.41	---	45-65
		8/4/09	52.72	---	---	3,280.32	68.00	
		2/2/10	52.77	---	---	3,280.27	---	
		8/2/10	52.90	---	---	3,280.14	---	
		4/4/11	52.91	---	---	3,280.13	---	
		8/8/11	52.85	---	---	3,280.19	68.03	
		2/6/12	52.82	---	---	3280.22	---	
		8/7/12	51.97	---	---	3,281.07	---	
		2/5/13	52.82	---	---	3,280.22	---	
		8/5/13	52.79	---	---	3,280.25	---	
		2/3/14	52.71	---	---	3280.33	---	
		8/5/14	52.77	---	---	3280.27	---	
		2/2/15	52.33	---	---	3280.71	68.2	
		8/3/15	52.18	---	---	3280.86	68.23	
MW-15 3328.98	4"	2/9/09	49.60	---	---	3,279.38	68.00	46-68
		8/4/09	48.75	---	---	3,280.23	68.20	
		2/2/10	48.89	---	---	3,280.09	---	
		8/2/10	49.19	---	---	3,279.79	---	
		4/4/11	48.62	---	---	3,280.36	---	
		8/8/11	48.44	---	---	3,280.54	---	
		2/6/12	48.28	---	---	3,280.70	---	
		8/7/12	48.29	---	---	3,280.69	---	
		2/5/13	48.18	---	---	3,280.80	---	
		8/5/13	48.12	---	---	3,280.86	---	
		2/3/14	48.08	---	---	3280.90	---	
		8/5/14	48.22	---	---	3280.76	---	
		2/2/15	47.3	---	---	3281.68	69.10	
		8/3/15	47.31	---	---	3281.67	69.07	
MW-16 3330.20	4"	2/9/09	49.45	---	---	3,280.75	---	46.5-68
		8/4/09	49.58	---	---	3,280.62	69.65	
		2/2/10	49.68	---	---	3,280.52	---	
		8/2/10	49.87	---	---	3,280.33	---	
		4/4/11	49.34	---	---	3,280.86	---	
		8/8/11	49.81	---	---	3,280.39	---	
		2/6/12	46.45	---	---	3,283.75	---	
		8/17/12	48.96	---	---	3,281.24	---	
		2/5/13	48.90	---	---	3,281.30	---	
		8/5/13	48.82	---	---	3,281.38	---	
		2/3/14	48.77	---	---	3281.43	---	
		8/5/14	48.97	---	---	3281.23	---	
		2/2/15	48.60	---	---	3281.60	69.71	
		8/3/15	47.58	---	---	3282.62	69.7	
MW-17 3334.32	4"	2/11/09	52.75	---	---	3,281.57	---	47.1-68.1
		8/4/09	52.88	---	---	3,281.44	69.70	
		2/2/10	52.98	---	---	3,281.34	---	
		8/2/10	53.10	---	---	3,281.22	---	
		4/4/11	52.29	---	---	3,282.03	---	
		8/8/11	52.11	---	---	3,282.21	---	
		2/6/12	52.00	---	---	3,282.32	---	
		8/7/12	51.89	---	---	3,282.43	---	
		2/5/13	51.81	---	---	3282.51	---	
		8/5/13	51.90	---	---	3,282.42	---	
		2/3/14	51.72	---	---	3282.60	---	
		8/5/14	52.26	---	---	3282.06	---	
		2/2/15	51.92	---	---	3282.40	70.10	
		8/3/15	51.90	---	---	3282.42	70.08	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater ⁴ Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MW-18 3336.10	4"	2/10/09	53.38	---	---	3,282.72	---	45.6-68
		8/4/09	53.27	---	---	3,282.83	69.90	
		2/2/10	53.47	---	---	3,282.63	---	
		8/2/10	53.43	---	---	3,282.67	---	
		4/4/11	53.07	---	---	3,283.03	---	
		8/8/11	52.93	---	---	3,283.17	69.91	
		2/6/12	52.89	---	---	3,283.21	---	
		8/7/12	52.81	---	---	3,283.29	---	
		2/5/13	52.80	---	---	3,283.30	---	
		8/5/13	52.86	---	---	3,283.24	---	
		2/3/14	52.69	---	---	3283.41	---	
		8/5/14	52.82	---	---	3283.28	---	
		2/2/14	52.59	---	---	3283.51	70.1	
		8/3/15	52.50	---	---	3283.60	---	
MW-19 3334.21	4"	2/18/09	53.42	52.44	0.98	3,281.63	66.00	46-66
		3/18/09	53.51	52.51	1.00	3,281.56	---	
		8/5/09	52.81	---	---	3,281.40	---	
		2/2/10	53.02	53.00	0.02	3,281.21	---	
		8/2/10	53.19	---	---	3,281.02	---	
		4/4/11	52.57	52.56	0.01	3,281.65	---	
		8/8/11	No Access - Construction on Site				---	
		2/6/12	53.09	53.07	0.02	3,281.14	---	
		8/7/12	52.42	52.42	---	3,281.79	---	
		2/5/13	52.50	---	---	3,281.71	---	
		8/5/13	52.48	---	---	3,281.73	---	
		2/3/14	52.48	---	---	3281.73	---	
		8/5/14	52.71	---	---	3281.50	---	
		2/2/15	51.41	51.4	0.01	3282.81	69.95	
		8/3/15	52.26	51.36	0.9	3282.72	---	
MW-21 3333.02	4"	2/18/09	51.89	51.86	0.03	3,281.16	66.00	46-66
		8/5/09	52.13	52.12	0.01	3,280.90	---	
		2/2/10	52.33	---	---	3,280.69	---	
		8/2/10	52.75	---	---	3,280.27	---	
		4/4/11	51.23	---	---	3,281.79	---	
		8/8/11	No Access - Construction on Site				---	
		2/6/12	52.42	52.38	0.04	3,280.63	---	
		8/7/12	51.41	---	---	3,281.61	---	
		2/5/13	51.50	---	---	3,281.52	---	
		8/15/13	51.53	---	---	3281.49	---	
		2/3/14	51.31	---	---	3281.71	---	
		8/5/14	51.70	51.64	0.06	3281.37	---	
		2/2/15	50.39	50.36	0.03	3282.66	---	
		8/3/15	50.40	50.38	0.02	3282.64	---	
MW-22 3334.87	4"	2/11/09	55.04	---	---	3,279.83	---	45-65
		8/5/09	54.55	---	---	3,280.32	68.30	
		2/2/10	55.45	---	---	3,279.42	---	
		8/2/10	55.77	---	---	3,279.10	---	
		4/4/11	53.60	---	---	3,281.27	---	
		8/8/11	53.38	---	---	3,281.49	68.32	
		2/6/12	53.30	---	---	3,281.57	---	
		8/7/12	53.15	---	---	3,281.72	---	
		2/5/13	53.11	---	---	3,281.76	---	
		8/5/13	53.20	---	---	3,281.67	---	
		2/3/14	53.05	---	---	3281.82	---	
		8/5/14	54.30	---	---	3280.57	---	
		2/2/15	52.85	---	---	3282.02	69.35	
		8/3/15	52.80	---	---	3282.07	69.38	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater ⁴ Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MW-23 3334.45	4"	2/11/09	54.39	---	---	3,280.06	---	45-65
		8/4/09	54.25	---	---	3,280.20	69.00	
		2/2/10	55.04	---	---	3,279.41	---	
		8/2/10	55.16	---	---	3,279.29	---	
		4/4/11	52.86	---	---	3,281.59	---	
		8/8/11	52.62	---	---	3,281.83	69.03	
		2/6/12	52.50	---	---	3,281.95	---	
		8/17/12	53.25	---	---	3,281.20	---	
		2/5/13	52.31	---	---	3,282.14	---	
		8/5/13	52.38	---	---	3,282.07	---	
		2/3/14	52.21	---	---	3,282.24	---	
		8/5/14	54.41	---	---	3,280.04	---	
		2/2/15	52.82	---	---	3,281.63	59.35	
		8/3/15	53.90	---	---	3,280.55	59.30	
MW-24 3336.97	4"	2/18/09	54.16	---	---	3,282.81	--	45-65
		8/4/09	54.26	54.25	0.01	3,282.72	65.00	
		2/2/10	54.38	---	---	3,282.59	---	
		8/2/10	54.38	---	---	3,282.59	---	
		4/4/11	54.23	---	---	3,282.74	---	
		8/8/11	54.20	---	---	3,282.77	---	
		2/6/12	54.25	---	---	3,282.72	---	
		8/27/12	54.22	---	---	3,282.75	---	
		2/5/13	54.20	---	---	3,282.77	---	
		8/5/13	54.15	---	---	3,282.82	---	
		2/3/14	54.12	---	---	3,282.85	---	
		8/5/14	54.18	---	---	3,282.79	---	
		2/2/15	53.71	---	---	3,283.26	67.7	
		8/3/15	53.68	---	---	3,283.29	67.68	
MW-25 3336.31	4"	2/12/09	52.16	---	---	3,284.15	--	45-65
		8/5/09	52.00	---	---	3,284.31	65.00	
		2/2/10	52.48	---	---	3,283.83	---	
		8/2/10	52.49	---	---	3,283.82	---	
		4/4/11	52.15	---	---	3,284.16	---	
		8/8/11	52.08	---	---	3,284.23	---	
		2/6/12	52.15	---	---	3,284.16	---	
		8/7/12	---	---	NG	---	---	
		2/5/13	52.08	---	---	3,284.23	---	
		8/5/13	51.97	---	---	3,284.34	---	
		2/3/14	51.97	---	---	3,284.34	---	
		8/5/14	52.04	---	---	3,284.27	---	
		2/2/15	51.4	---	---	3,284.91	66.15	
		8/3/15	51.4	---	---	3,284.91	66.11	
MW-26 3334.93	4"	2/17/09	52.47	---	---	3,282.46	65.00	45-65
		8/4/09	52.61	52.60	0.01	3,282.33	---	
		2/2/10	52.75	---	---	3,282.18	---	
		8/2/10	52.76	---	---	3,282.17	---	
		4/4/11	52.60	---	---	3,282.33	---	
		8/8/11	52.56	---	---	3,282.37	---	
		2/6/12	52.65	---	---	3,282.28	---	
		8/17/12	52.58	---	---	3,282.35	---	
		2/5/13	52.55	---	---	3,282.38	---	
		8/5/13	52.49	---	---	3,282.44	---	
		2/3/14	52.46	---	---	3,282.47	---	
		8/5/14	52.52	---	---	3,282.41	---	
		2/2/15	51.95	---	---	3,282.98	66.00	
		8/3/15	51.95	---	---	3,282.98	65.97	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater ⁴ Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MW-27 3334.96	4"	2/17/09	52.51	---	---	3,282.45	---	45-65
		8/4/09	52.65	52.63	0.02	3,282.33	65.00	
		2/2/10	52.84	52.81	0.03	3,282.14	--	
		8/2/10	53.05	52.82	0.23	3,282.09	--	
		4/4/11	54.90	52.18	2.72	3,282.21	--	
		8/8/11	54.98	52.08	2.90	3,282.27	---	
		2/6/12	58.15	53.87	4.28	3,280.19	---	
		8/7/12	55.40	52.30	3.10	3,282.01	---	
		2/5/13	55.05	52.01	3.04	3,282.31	---	
		8/5/13	55.01	52.01	3.00	3,279.97	---	
		2/3/14	54.88	51.94	2.94	3,282.4	---	
		8/5/14	54.96	52.00	2.96	3,282.34	---	
		2/2/15	52.42	51.78	0.64	3,283.05	---	
		8/5/13	52.49	51.74	0.75	3,283.0625	---	
MW-29 3334.01	4"	2/4/09	52.56	---	---	3,281.45	65.00	45-65
		8/5/09	52.65	---	---	3,281.36	68.25	
		2/2/10	52.84	---	---	3,281.17	---	
		8/2/10	52.95	---	---	3,281.06	---	
		4/4/11	52.87	---	---	3,281.14	---	
		8/8/11	52.80	---	---	3,281.21	68.30	
		2/6/12	52.83	---	---	3,281.18	---	
		8/6/12	52.85	---	---	3,281.16	---	
		2/5/13	52.70	---	---	3,281.31	---	
		8/5/13	52.73	---	---	3,281.28	---	
		2/3/14	52.67	---	---	3,281.34	---	
		8/5/14	52.76	---	---	3,281.25	---	
		2/2/15	52.03	---	---	3,281.98	68.3	
		8/3/15	52.02	---	---	3,281.99	68.29	
MW-30 3336.49	4"	2/4/09	55.26	---	---	3,281.23	65.00	45-65
		8/4/09	55.31	---	---	3,281.18	68.7	
		2/2/10	55.43	---	---	3,281.06	---	
		8/2/10	55.51	---	---	3,280.98	---	
		4/4/11	55.47	---	---	3,281.02	---	
		8/8/11	55.40	---	---	3,281.09	68.70	
		2/6/12	55.41	---	---	3,281.08	---	
		8/6/12	55.45	---	---	3,281.04	---	
		2/5/13	55.35	---	---	3,281.14	---	
		8/5/13	55.37	---	---	3,281.12	---	
		2/3/14	55.29	---	---	3,281.20	---	
		8/5/14	55.34	---	---	3,281.15	---	
		2/2/15	54.90	---	---	3,281.59	68.92	
		8/3/15	54.85	---	---	3,281.64	68.90	
MW-31 3334.52	4"	2/9/09	53.78	---	---	3,280.74	---	45-65
		8/5/09	53.83	---	---	3,280.69	69.30	
		2/2/10	53.91	---	---	3,280.61	---	
		8/2/10	54.05	---	---	3,280.47	---	
		4/4/11	54.00	---	---	3,280.52	---	
		8/8/11	53.94	---	---	3,280.58	69.34	
		2/6/12	53.95	---	---	3,280.57	---	
		8/6/12	53.99	---	---	3,280.53	---	
		2/5/13	53.90	---	---	3,280.62	---	
		8/5/13	53.88	---	---	3,280.64	---	
		2/3/14	53.83	---	---	3,280.69	---	
		8/5/14	53.88	---	---	3,280.64	---	
		2/2/15	53.48	---	---	3,281.04	68.75	
		8/3/15	53.35	---	---	3,281.17	68.71	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MW-32 3333.01	4"	39848	51.28	---	---	3281.73	---	50-65
		8/4/09	51.44	---	---	3,281.57	73.90	
		2/2/10	51.64	---	---	3,281.37	---	
		8/2/10	51.74	---	---	3,281.27	---	
		4/4/11	51.59	---	---	3,281.42	---	
		8/8/11	51.53	---	---	3,281.48	73.91	
		2/6/12	51.55	---	---	3,281.46	---	
		8/6/12	51.53	---	---	3,281.48	---	
		2/5/13	51.48	---	---	3,281.53	---	
		8/5/13	51.45	---	---	3,281.56	---	
		2/3/14	51.40	---	---	3281.61	---	
		8/5/14	51.48	---	---	3281.53	---	
		2/2/15	50.52	---	---	3282.49	73.55	
		8/3/15	50.6	---	---	3282.41	73.54	
MW-34 3335.77	4"	2/4/09	53.51	---	---	3,282.26	---	42-57
		8/5/09	53.62	---	---	3,282.15	64.00	
		2/2/10	53.73	---	---	3,282.04	---	
		8/2/10	53.77	---	---	3,282.00	---	
		4/4/11	53.60	---	---	3,282.17	---	
		8/8/11	53.64	---	---	3,282.13	64.05	
		2/6/12	53.70	---	---	3,282.07	---	
		8/6/12	53.69	---	---	3,282.08	---	
		2/5/13	53.60	---	---	3,282.17	---	
		8/5/13	53.61	---	---	3,282.16	---	
		2/3/14	53.55	---	---	3282.22	---	
		8/5/14	53.62	---	---	3282.15	---	
		2/2/15	53.03	---	---	3282.74	64.15	
		8/3/15	53.02	---	---	3282.75	64.11	
West Side Shallow LNAPL Recovery Wells								
RW-1 3335.19	6"	3/9/09	54.47	51.98	2.49	3,282.82	110.00	50-110
		8/5/09	55.01	51.92	3.09	3,282.79	---	
		2/2/10	55.25	52.00	3.25	3,282.69	---	
		8/2/10	55.20	51.98	3.22	3,282.71	---	
		4/4/11	54.78	51.84	2.94	3,282.89	---	
		8/8/11	54.45	51.73	2.72	3,283.04	---	
		2/6/12	55.20	52.13	3.07	3,282.58	---	
		8/14/12	54.68	51.77	2.91	3,282.97	---	
		2/5/13	54.53	51.78	2.75	3,282.98	---	
		8/5/13	54.50	51.70	2.80	3,283.44	---	
		2/3/14	53.37	51.67	1.70	3283.26	---	
		8/5/14	54.41	51.69	2.72	3283.08	---	
		2/2/15	53.36	51.45	1.91	3283.44	---	
		8/3/15	53.36	51.41	1.95	3283.48	---	
RW-2 3337.84	6"	03/09/09	58.04	55.75	2.29	3281.60223	74.5	44.5-74.5
		8/5/09	58.31	55.79	2.52	3,281.51	---	
		2/2/10	58.45	55.82	2.63	3,281.46	---	
		8/2/10	58.45	55.84	2.61	3,281.44	---	
		4/4/11	58.25	55.72	2.53	3,281.58	---	
		8/8/11	58.23	55.73	2.50	3,281.58	---	
		2/6/12	58.53	55.87	2.66	3,281.40	---	
		8/14/12	58.31	55.65	2.66	3,281.62	---	
		2/5/13	58.25	55.61	2.64	3,281.67	---	
		8/5/13	57.89	55.35	2.54	3,282.02	---	
		2/3/14	57.83	55.66	2.17	3281.72	---	
		8/5/14	58.17	55.61	2.56	3280.22	---	
		2/2/15	57.13	55.25	1.88	3282.19	---	
		8/3/15	57.18	55.3	1.88	3282.14	---	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)	
RW-3 3338.06	6"	3/9/09	57.15	56.37	0.78	3,281.53	75.00	45-75	
		8/5/09	57.29	56.46	0.83	3,281.43	---		
		2/2/10	57.45	56.58	0.87	3,281.30	---		
		8/2/10	57.49	56.59	0.90	3,281.28	---		
		4/4/11	57.23	56.40	0.83	3,281.49	---		
		8/8/11	57.38	56.35	1.03	3,281.49	---		
		2/6/12	57.50	56.52	0.98	3,281.33	---		
		8/14/12	57.55	56.34	1.21	3,281.47	---		
		2/5/13	57.61	56.31	1.30	3,281.48	---		
		8/5/13	57.60	56.25	1.35	3,281.15	---		
		2/3/14	57.58	56.20	1.38	3281.57	---		
		8/5/14	57.68	56.26	1.42	3281.50	---		
		2/2/15	56.21	55.94	0.27	3282.06	---		
		8/3/15	56.08	55.93	0.15	3282.10	--		
RW-4 3334.14	6"	3/9/09	57.70	54.63	3.07	3,278.83	75.00	45-75	
		8/5/09	58.04	54.67	3.37	3,278.73	---		
		2/2/10	58.00	54.77	3.23	3,278.66	---		
		8/2/10	58.37	54.80	3.57	3,278.55	---		
		4/4/11	57.77	54.57	3.20	3,278.86	---		
		8/8/11	57.54	54.54	3.00	3,278.94	---		
		2/6/12	58.10	54.79	3.31	3,278.62	---		
		8/14/12	57.77	54.49	3.28	3,278.93	---		
		2/5/13	57.70	54.45	3.25	3,278.97	---		
		8/5/13	57.65	54.42	3.23	3,279.01	---		
		2/3/14	57.57	54.42	3.15	3279.02	---		
		8/5/14	57.67	54.51	3.16	3278.93	---		
		2/2/15	50.95	50.8	0.15	3283.31	---		
		8/3/15	56.08	53.89	2.19	3279.77	---		
RW-5 3334.20	4"	3/9/09	57.60	55.23	2.37	3,278.52	62.00	42-62	
		8/5/09	58.09	55.28	2.81	3,278.39	---		
		2/2/10	58.13	55.35	2.78	3278.32736	---		
		8/2/10	58.00	55.37	2.63	3,278.34	---		
		4/4/11	58.11	55.25	2.86	3,278.41	---		
		8/8/11	No Access - Construction on Site						
		2/6/12	58.18	55.33	2.85	3,278.33	---		
		8/14/12	58.07	55.21	2.86	3,278.45	---		
		2/5/13	58.00	54.20	3.80	3,279.29	---		
		8/5/13	58.01	55.15	2.86	3,278.45	---		
		2/3/14	57.87	55.12	2.75	3278.56	---		
		8/5/14	---	55.19	---	---	---		
		2/2/15	55.84	54.94	0.9	3279.09	---		
		8/3/15	56.09	54.89	1.2	3279.08	---		
MW-28 3333.04	4"	3/9/09	57.65	53.6	4.05	3,278.36	65.00	45-65	
		8/5/09	57.94	53.68	4.26	3,278.22	---		
		2/2/10	58.13	53.85	4.28	3,278.05	---		
		8/2/10	58.15	53.97	4.18	3,277.95	---		
		4/4/11	57.44	53.78	3.66	3,278.28	---		
		8/8/11	57.37	53.66	3.71	3,278.39	---		
		2/6/12	58.22	53.84	4.38	3,278.03	---		
		8/14/12	57.54	53.63	3.91	3,278.37	---		
		2/5/13	57.42	53.61	3.81	3,278.41	---		
		8/5/13	57.15	53.63	3.52	3,279.03	---		
		2/3/14	56.86	53.67	3.19	3278.52	---		
		8/5/14	56.86	53.80	3.06	3278.42	---		
		2/2/15	55.65	53.80	1.85	3278.75	---		
		8/3/15	55.54	53.27	2.27	3279.16	---		

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
East Side Shallow LNAPL Recovery Wells								
MW-5 3333.85	4"	2/4/09	52.62	52.60	0.02	3,281.25	66.54	46.5-66.5
		3/18/09	52.93	52.56	0.37	3,281.24	---	
		8/5/09	53.04	52.64	0.40	3,281.15	---	
		2/2/10	53.80	52.86	0.94	3,280.86	---	
		8/2/10	53.32	53.31	0.01	3,280.54	---	
		4/4/11	No Access - Construction on Site			---	---	
		8/8/11	58.07	55.20	2.87	3,275.95	---	
		2/6/12	53.23	52.80	0.43	3,280.65	---	
		8/7/12	55.10	51.66	3.44	3,278.96	---	
		2/5/13	56.10	51.35	4.75	3,278.04	---	
		8/5/13	56.15	51.43	4.72	3,278.51	---	
		2/3/14	55.80	51.56	4.24	3278.3	---	
		8/5/14	56.19	51.60	4.59	3281.61	---	
		2/2/15	53.4	50.80	2.60	3282.686	---	
		8/3/15	54.33	50.86	3.47	3282.50	---	
MW-20 3334.06	4"	2/4/09	54.37	52.44	1.93	3,281.33	66.00	46-66
		03/18/09	56.92	52.25	4.67	3281.10483	---	
		3/25/09	57.44	52.19	5.25	3,281.08	---	
		8/5/09	55.82	52.65	3.17	3,280.93	---	
		2/2/10	56.91	52.75	4.16	3,280.68	---	
		8/2/10	53.84	53.69	0.15	3,280.35	---	
		4/4/11	55.80	52.84	2.96	3,280.77	---	
		8/8/11	No Access - Construction on Site			---	---	
		2/6/12	56.97	52.87	4.10	3,280.57	---	
		8/7/12	55.27	51.63	3.64	3,281.88	---	
		2/5/13	55.84	51.25	4.59	3,282.12	---	
		8/5/13	55.87	51.61	4.26	3,281.81	---	
		2/3/14	55.64	51.52	4.12	3281.92	---	
		8/5/14	56.14	51.86	4.28	3281.55	---	
		2/2/15	54.48	50.98	3.50	3282.55	---	
		8/3/15	54.58	50.98	3.60	3282.5364	---	
Shallow Temporary Monitoring Wells								
TMW-1 3337.70	4"	2/10/09	54.61	---	---	3,283.09	---	NA
		8/4/09	54.61	---	---	3,283.09	70.35	
		2/2/10	54.69	---	---	3,283.01	---	
		8/2/10	54.77	---	---	3,282.93	---	
		4/4/11	54.56	---	---	3,283.14	---	
		8/8/11	54.50	---	---	3,283.20	70.38	
		2/6/12	54.48	---	---	3,283.22	---	
		8/6/12	54.44	---	---	3,283.26	---	
		2/5/13	54.42	---	---	3,283.28	---	
		8/5/13	54.57	---	---	3,283.13	---	
		2/3/14	54.38	---	---	3283.32	---	
		8/5/14	54.41	---	---	3283.29	---	
		2/2/15	54.05	---	---	3283.65	70.45	
		8/3/15	54.01	---	---	3283.69	---	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)	
TMW-2 3338.30	4"	2/18/09	55.95	55.11	0.84	3,283.11	70.44	NA	
		3/18/09	56.08	55.18	0.90	3,283.04	---		
		8/5/09	56.15	55.20	0.95	3,283.01	---		
		2/2/10	56.59	55.25	1.34	3,282.93	---		
		8/2/10	56.67	55.22	1.45	3,282.95	---		
		4/4/11	56.65	55.06	1.59	3,283.10	---		
		8/8/11	56.64	55.00	1.64	3,283.15	70.48		
		2/6/12	56.70	54.96	1.74	3,283.18	---		
		8/6/12	56.12	54.93	1.19	3,283.26	---		
		2/5/13	56.81	54.90	1.91	3,283.23	---		
		8/5/13	56.97	56.04	0.93	3,282.55	---		
		2/3/14	56.77	54.84	1.93	3283.29	---		
		8/5/14	56.93	54.88	2.05	3283.24	---		
		2/2/15	54.90	54.65	0.25	3283.63	---		
		8/13/15	54.89	54.6	0.29	3283.6739	---		
TMW-3 3336.67	4"	2/17/09	53.77	---	---	3,282.90	70.23	NA	
		8/5/09	53.91	53.90	0.01	3,282.76	---		
		2/2/10	54.01	---	---	3,282.66	---		
		8/2/10	53.97	---	---	3,282.70	---		
		4/4/11	53.78	---	---	3,282.89	---		
		8/8/11	53.70	---	---	3,282.97	---		
		2/6/12	53.77	---	---	3,282.90	---		
		8/7/12	53.72	---	---	3,282.95	---		
		2/5/13	53.72	---	---	3,282.95	---		
		8/5/13	53.60	---	---	3,283.07	---		
		2/3/14	53.61	---	---	3283.06	---		
		8/5/14	53.68	---	---	3282.99	---		
		2/2/15	53.28	---	---	3283.39	---		
		8/3/15	53.14	---	---	3283.53	70.48		
		TMW-5 3335.66	4"	2/18/09	53.50	---	---		3,282.16
8/4/09	53.51			---	---	3,282.15	70.40		
2/2/10	53.79			---	---	3,281.87	---		
8/2/10	53.81			---	---	3,281.85	---		
4/4/11	53.32			---	---	3,282.34	---		
8/8/11	No Access - Construction on Site								
2/6/12					NG				
8/7/12					NG				
2/5/13					NG				
8/5/13					NG				
2/3/14					NG				
8/5/14					NG				
2/2/15					NG				
8/3/15					NG				
TMW-6 3335.36	4"			2/17/09	52.36	---	---	3,283.00	---
		8/4/09	52.46	---	---	3,282.90	68.30		
		2/2/10	52.59	---	---	3,282.77	---		
		8/2/10	NG	---	---	NG	---		
		4/4/11	52.40	---	---	3,282.96	---		
		8/8/11	52.35	---	---	3,283.01	68.30		
		2/6/12	52.40	---	---	3,282.96	---		
		8/7/12	52.36	---	---	3,283.00	---		
		2/5/13	52.35	---	---	3,283.01	---		
		8/5/13	52.25	---	---	3,283.11	---		
		2/3/14	52.23	---	---	3283.13	---		
		8/5/14	52.27	---	---	3283.09	---		
		2/2/15	51.95	---	---	3283.41	68.35		
		8/3/15	51.80	---	---	3283.56	68.35		

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
Deep Monitor Wells								
MWD-1 3335.26	4"	2/11/09	53.37	---	---	3,281.89	---	45-95
		8/4/09	53.65	---	---	3,281.61	97.34	
		2/2/10	53.80	---	---	3,281.46	---	
		8/2/10	53.84	---	---	3,281.42	---	
		4/11/11	52.98	---	---	3,282.28	---	
		8/8/11	52.88	---	---	3,282.38	95.80	
		2/6/12	52.73	---	---	3,282.53	---	
		8/7/12	52.61	---	---	3,282.65	---	
		2/5/13	52.55	---	---	3282.71	---	
		8/5/13	52.62	---	---	3282.64	---	
		2/3/14	52.44	---	---	3282.82	---	
		8/5/14	53.00	---	---	3282.26	---	
		2/2/15	52.65	---	---	3282.61	97.5	
		8/3/15	52.60	---	---	3282.66	97.3	
MWD-2 3336.32	4"	2/10/09	54.75	---	---	3,281.57	---	45-85
		8/4/09	54.22	---	---	3,282.10	86.56	
		2/2/10	54.68	---	---	3,281.64	---	
		8/2/10	54.43	---	---	3,281.89	---	
		4/11/11	53.78	---	---	3,282.54	---	
		8/8/11	53.69	---	---	3,282.63	88.60	
		2/6/12	53.26	---	---	3,283.06	---	
		8/7/12	53.48	---	---	3,282.84	---	
		2/5/13	53.40	---	---	3282.92	---	
		8/5/13	53.52	---	---	3282.80	---	
		2/3/14	53.38	---	---	3282.94	---	
		8/5/14	53.65	---	---	3282.67	---	
		2/2/15	53.32	---	---	3283.00	87.55	
		8/3/15	53.2	---	---	3283.12	87.53	
MWD-4 3330.86	4"	2/5/09	50.32	---	---	3,280.54	---	45-85
		8/4/09	50.52	---	---	3,280.34	87.51	
		2/2/10	50.74	---	---	3,280.12	---	
		8/2/10	51.45	---	---	3,279.41	---	
		4/11/11	49.89	---	---	3,280.97	---	
		8/8/11	49.79	---	---	3,281.07	89.20	
		2/6/12	49.67	---	---	3,281.19	---	
		8/7/12	49.58	---	---	3,281.28	---	
		2/6/13	49.55	---	---	3,281.31	88.61	
		8/5/13	49.63	---	---	3,281.23	84.80	
		2/3/14	49.46	---	---	3281.40	---	
		8/5/14	49.76	---	---	3281.10	---	
		2/2/15	48.25	---	---	3282.61	86.4	
		8/3/15	48.35	---	---	3282.51	86.38	
MWD-5 3334.01	4"	2/12/09	52.11	---	---	3,281.90	---	45-95
		8/5/09	52.23	---	---	3,281.78	91.64	
		2/2/10	53.44	---	---	3,280.57	---	
		8/2/10	52.50	---	---	3,281.51	---	
		4/11/11	52.30	---	---	3,281.71	---	
		8/8/11	52.38	---	---	3,281.63	92.05	
		2/6/12	52.35	---	---	3,281.66	---	
		8/6/12	52.33	---	---	3,281.68	---	
		2/5/13	52.30	---	---	3,281.71	---	
		8/5/13	52.33	---	---	3,281.68	---	
		2/3/14	52.20	---	---	3281.81	---	
		8/5/14	52.32	---	---	3281.69	---	
		2/2/15	51.50	---	---	3282.51	93.85	
		8/3/15	51.15	---	---	3282.86	93.85	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MWD-6 3335.08	4"	2/12/09	53.44	---	---	3,281.64	---	55-105
		8/4/09	53.56	---	---	3,281.52	106.18	
		2/2/10	53.67	---	---	3,281.41	---	
		8/2/10	53.70	---	---	3,281.38	---	
		4/11/11	53.61	---	---	3,281.47	---	
		8/8/11	53.63	---	---	3,281.45	106.23	
		2/6/12	53.62	---	---	3,281.46	---	
		8/6/12	53.65	---	---	3,281.43	---	
		2/5/13	53.42	---	---	3281.66	---	
		2/3/14	53.39	---	---	3281.69	---	
		8/5/14	53.53	---	---	3281.55	---	
		2/2/15	52.82	---	---	3282.26	106.00	
		8/3/15	52.98	---	---	3282.10	106.01	
MWD-7 3332.82	4"	2/11/09	51.54	---	---	3,281.28	---	45-85
		8/5/09	51.68	---	---	3,281.14	87.92	
		2/2/10	51.78	---	---	3,281.04	---	
		8/2/10	51.83	---	---	3,280.99	---	
		4/11/11	51.22	---	---	3,281.60	---	
		8/8/11	52.13	---	---	3,280.69	69.94	
		2/6/12	51.03	---	---	3,281.79	---	
		8/7/12	50.92	---	---	3,281.90	---	
		2/5/13	50.85	---	---	3281.97	---	
		8/5/13	50.95	---	---	3281.87	---	
		2/3/14	50.25	---	---	3282.57	---	
		8/5/14	51.08	---	---	3281.74	---	
		2/2/15	50.75	---	---	3282.07	88.2	
		8/3/15	50.67	---	---	3282.15	88.18	
MWD-8 3335.97	4"	2/10/09	53.58	---	---	3,282.39	85.00	45-85
		8/5/09	53.50	---	---	3,282.47	88.13	
		2/2/10	53.67	---	---	3282.3	---	
		8/2/10	53.58	---	---	3,282.39	---	
		4/11/11	53.24	---	---	3,282.73	---	
		8/8/11	53.27	---	---	3,282.70	88.26	
		2/6/12	53.10	---	---	3,282.87	---	
		8/7/12	53.30	---	---	3,282.67	---	
		2/5/13	52.95	---	---	3283.02	---	
		8/5/13	53.08	---	---	3282.89	---	
		2/3/14	52.91	---	---	3283.06	---	
		8/5/14	53.04	---	---	3282.93	---	
		2/2/15	52.79	---	---	3283.18	88.45	
		8/3/15	52.7	---	---	3283.27	88.43	
MWD-10 3334.92	4"	2/12/09	53.19	---	---	3,281.73	---	45-85
		8/4/09	53.21	---	---	3,281.71	87.78	
		2/2/10	53.49	---	---	3,281.43	---	
		8/2/10	53.49	53.47	0.02	3,281.45	---	
		4/11/11	52.93	52.92	0.01	3,282.00	---	
		8/8/11	52.89	52.88	0.01	3,282.04	90.22	
		2/6/12			NG			
		8/7/12			NG			
		2/5/13			NG			
		8/8/13			NG			
		2/3/14			NG			
		8/5/14			NG			
		2/2/15			NG			
		8/3/15			NG			

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater ⁴ Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
MWD-11 3338.24	4"	2/10/09	55.41	---	---	3,282.83	---	44-94
		8/5/09	55.43	---	---	3,282.81	96.84	
		2/2/10	55.50	---	---	3,282.74	---	
		8/2/10	55.52	---	---	3,282.72	---	
		4/11/11	55.27	---	---	3,282.97	---	
		8/8/11	55.23	---	---	3,283.01	97.11	
		2/6/12	55.15	---	---	3,283.09	---	
		8/7/12	55.17	---	---	3,283.07	---	
		2/5/13	55.2	---	---	3,283.04	---	
		8/5/13	55.21	---	---	3,283.03	---	
		2/3/14	55.08	---	---	3283.16	---	
		8/5/14	55.13	---	---	3283.11	---	
		2/2/15	54.82	---	---	3283.42	93.1	
		8/3/15	54.76	---	---	3283.48	97.1	
MWD-12 3334.08	4"	2/17/09	53.04	---	---	3,281.04	---	38-88
		8/5/09	53.25	---	---	3,280.83	89.33	
		2/2/10	53.43	---	---	3,280.65	---	
		8/2/10	53.70	---	---	3,280.38	---	
		4/4/11	53.03	---	---	3281.05	---	
		8/8/11	53.01	---	---	3,281.07	89.20	
		2/6/12	52.92	---	---	3,281.16	---	
		8/7/12	52.90	---	---	3,281.18	---	
		2/5/13	52.90	---	---	3,281.18	89.25	
		8/5/13			NG			
		2/3/14	52.79	---	---	3281.29	---	
		8/5/14	52.95	---	---	3281.13	---	
		2/2/15	51.89	---	---	3,282.19	91.28	
		8/3/15	51.95	---	---	3,282.13	91.27	
MWD-13 3332.11	4"	2/5/09	52.37	---	---	3,279.74	---	40-90
		8/4/09	52.33	---	---	3,279.78	93.25	
		2/2/10	52.87	---	---	3,279.24	---	
		8/2/10	53.11	---	---	3,279.00	---	
		4/11/11	51.31	---	---	3,280.80	---	
		8/8/11	51.13	---	---	3,280.98	92.40	
		2/6/12	50.95	---	---	3,281.16	---	
		8/6/12	50.85	---	---	3,281.26	---	
		2/5/13	50.80	---	---	3,281.31	---	
		8/5/13	50.90	---	---	3,281.21	---	
		2/3/14	50.69	---	---	3281.42	---	
		8/5/14	51.40	---	---	3280.71	---	
		2/2/15	50.62	---	---	3,281.49	93.75	
		8/3/15	50.60	---	---	3,281.51	93.70	
MWD-14 3333.76	4"	2/12/09	52.86	---	---	3,280.90	---	40-90
		8/4/09	52.81	---	---	3,280.95	93.12	
		2/2/10	53.23	---	---	3,280.53	---	
		8/2/10	53.26	---	---	3,280.50	---	
		4/11/11	52.27	---	---	3,281.49	---	
		8/8/11	52.21	---	---	3,281.55	93.13	
		2/6/12	52.10	---	---	3,281.66	---	
		8/7/12	51.97	---	---	3,281.79	---	
		2/5/13	51.96	---	---	3,281.80	---	
		8/5/13			NG			
		2/3/14	51.90	---	---	3281.86	---	
		8/5/14	52.35	---	---	3281.41	---	
		2/2/15	51.55	---	---	3282.21	94.95	
		8/3/15	51.5	---	---	3282.26	94.93	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs²)	
MWD-15 3335.35	4"	2/12/09	53.50	---	---	3,281.85	---	40-90	
		8/4/09	53.29	---	---	3,282.06	90.28		
		2/2/10	53.70	---	---	3,281.65	---		
		8/2/10	53.57	---	---	3,281.78	---		
		4/11/11	52.92	---	---	3,282.43	---		
		8/8/11	52.46	---	---	3,282.89	88.64		
		2/6/11	54.81	---	---	3280.54	---		
		8/7/12	52.73	---	---	3,282.62	---		
		2/5/13	52.66	---	---	3,282.69	---		
		8/5/13	53.81	---	---	3,281.54	---		
		2/3/14	52.63	---	---	3282.72	---		
		8/5/14	52.86	---	---	3282.49	---		
		2/2/15	52.35	---	---	3283.00	92.90		
		8/3/15	52.22	---	---	3283.13	92.87		
MWD-16 3334.10	4"	2/12/09	52.39	---	---	3,281.71	---	45-95	
		8/5/09	52.42	---	---	3,281.68	96.74		
		2/2/10	52.73	---	---	3,281.37	---		
		8/2/10	52.77	---	---	3,281.33	---		
		4/11/11	52.04	---	---	3,282.06	---		
		8/8/11	No Access - Construction on Site						
		2/6/12	NG						
		8/7/12	NG						
		2/5/13	NG						
		8/8/13	NG						
		2/3/14	NG						
		8/5/14	NG						
		2/2/15	NG						
		8/3/15	NG						
MWD-17 3334.74	4"	2/12/09	54.28	---	---	3,280.46	---	45-95	
		8/4/09	54.13	---	---	3,280.61	98.65		
		2/2/10	54.91	---	---	3,279.83	---		
		8/2/10	55.03	---	---	3,279.71	---		
		4/11/11	53.20	---	---	3,281.54	---		
		8/8/11	53.04	---	---	3,281.70	98.47		
		2/6/12	52.90	---	---	3,281.84	---		
		8/7/12	52.75	---	---	3,281.99	---		
		2/5/13	52.70	---	---	3,282.04	---		
		8/5/13	52.80	---	---	3,281.94	---		
		2/3/14	52.63	---	---	3282.11	---		
		8/5/14	53.54	---	---	3281.20	---		
		2/2/15	52.69	---	---	3282.05	99.35		
		8/3/15	52.7	---	---	3282.04	99.36		
Water Wells									
WW-1 3332.04		2/2/09			NG			NA	
		8/17/09			NG				
		8/2/10			NG				
		4/11/11			NG				
		8/8/11			NG				
		2/6/12			NG				
		8/7/12			NG				
		2/6/13			NG				
		8/6/13			NG				
		2/3/14			NG				
		8/5/14			NG				

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
WW-2 3331.46		2/2/09	49.91	---	---	3,281.55	92.02	NA
		8/17/09			NG			
		2/2/10			NG			
		8/2/10			NG			
		4/11/11			NG			
		8/8/11			NG			
		2/6/12			NG			
		8/7/12			NG			
		2/6/13			NG			
		8/6/13			NG			
		2/3/14			NG			
		8/5/14			NG			
WW-3 3334.45		2/2/09	52.69	---	---	3,281.76	68.55	NA
		8/17/09			NG			
		2/2/10			NG			
		2/2/10			NG			
		8/2/10			NG			
		4/11/11			NG			
		8/8/11			NG			
		2/6/12			NG			
		8/7/12			NG			
		2/6/13			NG			
		8/6/13			NG			
		2/3/14			NG			
		8/5/14			NG			
WW-4 3335.40		2/3/09	55.95	---	---	3,279.45	91.28	NA
		8/17/09			NG			
		2/2/10			NG			
		2/2/10			NG			
		8/2/10			NG			
		4/11/11			NG			
		8/8/11			NG			
		2/6/12			NG			
		8/7/12			NG			
		2/6/13			NG			
		8/6/13			NG			
		2/3/14			NG			
		8/5/14			NG			
WW-5 3334.18		2/3/09	53.3	---	---	3280.88	94.25	NA
		8/17/09			NG			
		2/2/10			NG			
		8/2/10			NG			
		4/11/11			NG			
		8/8/11			NG			
		2/6/12			NG			
		8/7/12			NG			
		2/6/13			NG			
		8/6/13			NG			
		2/3/14			NG			
		8/5/14			NG			

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs²)
WW-6 3329.72		2/3/09	50.30	---	---	3,279.42	113.13	NA
		8/17/09			NG			
		2/2/10			NG			
		8/2/10			NG			
		4/11/11			NG			
		8/8/11			NG			
		2/6/12			NG			
		8/7/12			NG			
		2/6/13			NG			
		8/6/13			NG			
		2/3/14			NG			
		8/5/14			NG			
WW-7 3331.73		2/2/09	50.95	---	---	3,280.78	60.03	NA
		8/17/09			NG			
		2/2/10			NG			
		8/2/10			NG			
		4/11/11			NG			
		8/8/11			NG			
		2/6/12			NG			
		8/7/12			NG			
		2/6/13			NG			
		8/6/13			NG			
		2/3/14			NG			
		8/5/14			NG			
Deep Chloride Recovery Wells								
MWD-3 3335.06	4"	2/11/09		NG - Pump			92.00	42-92
		8/18/09		NG - Pump			---	
		2/2/10		NG - Pump			---	
		8/2/10		NG - Pump			---	
		4/11/11		NG - Pump			---	
		8/8/11		NG - Pump			---	
		2/6/12		NG - Pump			---	
		8/7/12		NG - Pump			---	
		2/5/13		NG - Pump			---	
		8/5/13		NG - Pump			---	
		2/3/14		NG - Pump			---	
		8/5/14		NG - Pump			---	
		2/2/15		NG - Pump			---	
		8/3/15		NG - Pump			---	
MWD-9 3333.45	4"	2/11/09		NG - Pump			90.00	50-90
		8/17/09		NG - Pump			---	
		2/2/10		NG - Pump			---	
		8/2/10		NG - Pump			---	
		4/11/11		NG - Pump			---	
		8/8/11		NG - Pump			---	
		2/6/12		NG - Pump			---	
		8/7/12		NG - Pump			---	
		2/5/13		NG - Pump			---	
		8/5/13		NG - Pump			---	
		2/3/14		NG - Pump			---	
		8/5/14		NG - Pump			---	
		2/2/15		NG - Pump			---	
		8/3/15		NG - Pump			---	

TABLE 5
SUMMARY OF GROUNDWATER ELEVATIONS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC ¹)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation ⁴ (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
RW-6 3332.37	4"	2/11/09			NG - Pump		112.00	52-92
		8/17/09			NG - Pump		---	
		2/2/10			NG - Pump		---	
		8/2/10			NG - Pump		---	
		4/11/11			NG - Pump		---	
		8/8/11			NG - Pump		---	
		2/6/12			NG - Pump		---	
		8/7/12			NG - Pump		---	
		2/5/13			NG - Pump		---	
		8/5/13	50.87	---	---	3,281.50	---	
		2/3/14	50.68	---	---	3281.69	---	
		8/5/14	51.2	---	---	3281.17	---	
		2/2/15	49.8	---	---	3282.57	100.10	
		8/3/15	50.15	---	---	3282.22	100.05	
RW-7 3331.23	4"	2/11/09			NG - Pump		103.00	52-92
		8/17/09			NG - Pump		---	
		2/2/10			NG - Pump		---	
		8/2/10			NG - Pump		---	
		4/11/11			NG - Pump		---	
		8/8/11			NG - Pump		---	
		2/6/12			NG - Pump		---	
		8/7/12			NG - Pump		---	
		2/5/13			NG - Pump		---	
		8/5/13	52.55	---	---	3,278.68	---	
		2/3/14	52.40	---	---	3278.83	---	
		8/5/14	53.05	---	---	3278.18	---	
		2/2/15	52.43	---	---	3278.80	99.72	
		8/3/15	52.53	---	---	3278.70	99.71	
RW-8 3333.39	4"	2/11/09			NG - Pump		92.00	52-82
		8/17/09			NG - Pump		---	
		2/2/10			NG - Pump		---	
		8/2/10			NG - Pump		---	
		4/11/11			NG - Pump		---	
		8/8/11			NG - Pump		---	
		2/6/12			NG - Pump		---	
		8/7/12			NG - Pump		---	
		2/5/13			NG - Pump		---	
		8/5/13	53.82	---	---	3,279.57	---	
		2/3/14	53.66	---	---	3279.73	---	
		8/5/14	53.98	---	---	3279.41	---	
		2/2/15	53.55	---	---	3279.84	88.45	
		8/3/15	53.45	---	---	3279.94	88.43	

Notes:

1. TOC - Top of Casing.
2. bgs - below ground surface.
3. NG - Not Gauged
4. LNAPL - Light non-aqueous phase liquid.
5. Groundwater elevations were corrected using well specific LNAPL specific gravities collected in August 2006 and August & September 2009.

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
<i>Shallow Monitor Wells</i>						
MW-1	2/18/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/9/11			Not Sampled -- LNAPL		
	2/6/12			Not Sampled -- LNAPL		
	8/7/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
	2/3/15			Not Sampled -- LNAPL		
	8/6/15			Not Sampled -- LNAPL		
MW-2	2/18/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/9/11			Not Sampled -- LNAPL		
	2/6/12			Not Sampled -- LNAPL		
	8/7/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
	2/3/15			Not Sampled -- LNAPL		
	8/6/15			Not Sampled -- LNAPL		
MW-3	2/9/09	7.14	21.40	1,052	13.2	1.06
	8/13/09	7.61	21.36	1,117	95.1	0.16
	2/16/10	6.96	17.61	856	169.0	2.55
	8/10/10	7.42	26.43	1,085	-113.8	2.42
	4/7/11	7.42	20.12	1,030	93.8	2.16
	8/9/11	7.23	30.13	1,195	37.3	3.41
	2/10/12	7.41	18.15	937	-23.9	9.66
	8/9/12	7.06	25.58	1,187	-162.1	2.7
	2/7/13	9.31	17.27	1,047	6.34	-41.7
	8/12/13	7.05	26.42	1,041	36.9	4.68
	2/4/14	6.8	17.02	943	70.1	4.29
	8/5/14	6.71	30.16	967	34.3	3.37
	2/3/15	6.53	20.08	840	-24.6	4.6
	8/6/15	6.8	27.64	1173	108	3.42
MW-4	2/11/09	6.50	20.91	13,367	-43.0	0.23
	8/12/09	6.80	22.26	8,961	-67.5	0.59
	2/12/10	6.81	17.40	6,879	49.4	2.99
	8/6/10	6.98	28.88	8,535	-191.3	0.30
	4/7/11			Not Sampled		
	8/10/11	6.73	31.01	1,074	-60.2	0.41
	2/14/12	8.00	21.04	13,330	-80.2	0.38
	8/10/12	6.63	24.27	8,771	-131.8	0.22
	2/7/13	6.89	17.84	1,502	-257.8	0.27
	8/8/13	6.57	26.53	1,015	-48.7	0.35
	2/5/14	6.67	10.21	5,826	-0.1	0.29
	8/12/14	6.38	22.58	4,927	-47.2	0.19
	2/4/15	5.77	21.2	5039	-58.5	0.31
	8/10/15	6.67	26.39	8264	4.9	1.3

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MW-6	2/5/09	7.02	21.36	18,355	-51.8	2.66
	8/7/09	6.94	22.05	4,111	-27.4	0.44
	2/9/10	--	13.24	3,192	-33.7	1.35
	8/5/10	7.68	26.97	5,208	-160.1	0.33
	4/6/11	7.13	29.73	4,395	-81.6	0.28
	8/9/11	7.12	26.58	4,733	-79.6	0.44
	2/9/12	7.11	18.86	4,335	-90.5	1.05
	8/10/12	6.77	22.47	7,900	-61	0.32
	2/7/13	7.29	18.77	1,154	-190	0.15
	8/6/13	7.02	32.27'	8,264	-84.7	0.41
	2/5/14	7.01	9.98	6,188	-66.2	0.5
	8/5/14	6.74	23.31	6,568	-75.6	0.22
	2/5/15	6.23	16.48	4783	-80.8	0.72
	8/7/15	7.07	24.64	5950	-51.7	1.31
MW-7	2/5/09	6.86	19.83	1,562	-104.1	0.64
	8/6/09	6.96	21.17	1,406	-108.5	0.21
	2/9/10	--	16.31	1,219	-114.2	1.37
	8/5/10	7.35	27.81	1,536	-155.9	0.52
	4/6/11	7.15	24.86	1,356	-116.5	0.91
	8/9/11	7.12	24.22	1,338	-103.1	0.42
	2/9/12	7.04	18.43	1,168	-125	1.29
	8/9/12	6.63	23.27	1,460	-97	0.45
	2/6/13	6.31	19.94	1,801	-51.4	0.39
	8/6/13	6.83	26.63	1,842	-100.6	0.38
	2/4/14	6.69	17.43	1,671	-90.2	0.38
	8/5/14	6.58	23.17	1,071	-112.9	0.43
	2/3/15	7.92	15.8	1089	-28.9	0.7
	8/7/15	6.73	22.57	1638	-91.7	1.91
MW-8 DUP	2/2/09	NA	NA	NA	NA	NA
	8/6/09	6.85	21.70	5,196	-97.7	0.54
	2/5/10	7.05	18.02	4,397	-80.8	2.22
	8/4/10	7.52	28.17	5,256	-198.5	0.30
	4/6/11	7.39	25.00	4,878	-112.3	0.32
	8/8/11	7.12	33.04	5,481	-48.2	0.33
	2/8/12	7.09	14.64	4,014	-87.7	1.54
	8/8/12	6.25	25.48	5,378	-165	0.2
	8/8/12	6.25	25.48	5,378	-165	0.2
	2/7/13	9.00	18.57	5,981	-129.5	0.35
	8/8/13	6.90	28.54	8,221	-119.6	0.09
	8/8/14	5.67	22.42	3,906	25.5	0.16
	2/5/15	6.4	15.66	4507	-82.2	0.5
8/5/15	6.94	24.45	6369	-107.4	0.66	
MW-9	2/12/09	6.98	20.62	2,818	-120.2	0.20
	8/14/09	6.76	21.50	1,950	-125.8	10.01
	2/16/10	6.98	17.70	2,083	-71.2	1.99
	8/23/10	7.47	28.39	2,586	-211.2	0.24
	4/7/11	7.36	23.84	2,992	-128.5	0.36
	8/10/11	6.87	27.76	2,721	-188.8	2.07
	2/9/12	7.67	18.5	3,059	-137.4	0.56
	8/8/12	7.05	21.54	2,601	-166.2	0.26
	2/11/13	6.93	16.27	5,157	-224.8	0.50
	8/7/13	6.04	29.12	3,111	-24.6	0.08
	2/7/14	6.9	15.79	2,423	-75.6	0.35
	8/8/14	5.79	26.36	2,126	-2.6	0.14
	2/9/15	4.07	21.25	3341	-81.8	0.28
	8/4/15	6.95	27.31	3309	-74.5	0.67

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MW-10	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
	2/5/10	Not Sampled -- LNAPL				
	8/2/10	Not Sampled -- LNAPL				
	4/6/11	Not Sampled -- LNAPL				
	8/9/11	Not Sampled -- LNAPL				
	2/6/12	Not Sampled -- LNAPL				
	8/7/12	Not Sampled -- LNAPL				
	2/5/13	Not Sampled -- LNAPL				
	8/5/13	Not Sampled -- LNAPL				
	2/5/14	Not Sampled -- LNAPL				
	8/5/14	Not Sampled -- LNAPL				
MW-11	2/18/09	Not Sampled -- No Access due to Demo work				
	08/10/09	Not Sampled -- LNAPL				
	2/17/10	6.74	18.73	1,986	98.2	1.17
	8/12/10	6.57	28.67	2,421	-190.7	0.27
	4/8/11	7.18	27.60	2,230	-101.8	0.19
	8/16/11	6.79	27.74	2,374	-126	1.80
	2/16/12	8.65	15.07	2,350	-125.4	1.04
	8/14/12	7.10	23.70	1,900	-126	0.25
	2/11/13	8.04	21.47	2,107	-166.8	0.03
	8/12/13	6.70	30.20	1,985	-103.7	0.07
	8/13/14	6.5	26.08	1,682	-113.4	0.22
	2/11/15	7.23	10.95	829	-2.8	0.62
	8/11/15	6.58	27.58	1473	-96	2.54
MW-12	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
	2/5/10	Not Sampled -- LNAPL				
	8/2/10	Not Sampled -- LNAPL				
	4/6/11	Not Sampled -- LNAPL				
	8/9/11	Not Sampled -- LNAPL				
	2/6/12	Not Sampled -- LNAPL				
	8/7/12	Not Sampled -- LNAPL				
	2/5/13	Not Sampled -- LNAPL				
	8/5/13	Not Sampled -- LNAPL				
	2/5/14	Not Sampled -- LNAPL				
	8/5/14	Not Sampled -- LNAPL				
	8/5/14	Not Sampled -- LNAPL				
MW-13	2/9/09	7.12	21.07	1,978	-124.6	0.87
	8/11/09	7.04	22.14	1,769	-105.9	0.34
	2/12/10	7.27	16.56	1,416	75.5	6.58
	8/6/10	7.73	25.14	1,655	-97.9	4.59
	4/6/11	7.34	26.08	1,856	-131.7	0.44
	8/15/11	7.23	25.72	1,983	-132	1.32
	2/8/12	7.28	16.94	2,093	-129.2	0.67
	8/9/12	7.2	24.63	1,909	-164.8	0.39
	2/6/13	7.32	22.31	3,649	-204.3	0.74
	8/6/13	7.05	31.91	2,193	-116.5	0.15
	2/4/14	6.85	17.53	1,622	44.6	0.59
	8/7/14	6.89	24.36	1,612	-59.5	0.23
	2/3/15	6.68	19.01	1375	-26.9	2.24
	8/6/15	7.18	23.34	1779	89.3	5.48

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MW-14	2/9/09	6.95	20.29	2,222	43.0	0.51
	8/6/09	6.99	21.19	2,015	25.6	0.98
	2/5/10	7.05	18.75	2051	86.8	2.64
	8/4/10	7.45	33.60	2,607	-144.0	0.97
	4/6/11	7.20	25.73	2,236	47.7	0.55
	8/8/11	5.71	27.48	2,445	116	0.18
	2/8/12	7.17	16.91	2,590	-24.5	0.62
	8/9/12	7.06	23.96	2,506	-164.6	0.43
	2/6/13	7.19	22.59	5,066	-218.7	0.47
	8/6/13	6.87	26.89	2,725	34.8	0.37
	2/4/14	6.77	16.9	2,126	56.1	0.6
	8/7/14	6.71	27.18	2,031	6.3	0.16
	2/3/15	6.27	19.08	1699	-35.6	0.58
	8/6/15	6.87	25.32	2549	21.7	1.28
MW-15	2/9/09	6.70	20.10	5,423	127.2	1.34
	8/12/09	6.79	22.12	6,136	87.0	1.22
	2/8/10	6.79	15.58	4,767	104.2	4.04
	8/9/10	7.33	23.32	4,232	-122.9	0.68
	4/7/11	7.02	21.18	6,408	154.0	0.38
	8/9/11	6.79	27.70	6,090	51	1.91
	2/15/12	8.15	15.36	180.6	-100.4	0.5
	8/13/12	7.8	20.80	4,600	43	0.30
	2/7/13	7.8	19.49	4,818	0.58	-50.9
	8/7/13	6.79	26.94	5,008	0.29	86.9
	2/6/14	6.78	13.78	3,770	71.3	0.26
	8/14/14	6.7	23.29	1,958	-39.8	0.25
	2/10/15	6.15	18.36	3914	-79.1	0.51
	8/13/15	6.57	20.83	4580	103.9	4.22
MW-16	2/9/09	6.98	20.15	4,145	108.9	2.57
	8/6/09	6.75	21.88	5,071	16.3	0.50
	2/8/10	6.95	14.54	4,001	101.2	5.26
	8/4/10	7.32	30.90	5,842	-143.5	0.37
	4/7/11	7.28	19.97	5,265	184.7	1.33
	8/9/11	7.02	28.63	5,387	64	2.40
	2/15/12	7.02	17.72	4,884	-31.8	3.45
	8/13/12	7.4	21.85	5,300	60	1.32
	2/6/13	7.30	21.27	1,099	-199.6	1.51
	8/7/13	6.8	26.89	6,147	68.9	1.17
	2/6/14	6.83	13.4	4,814	71.6	1.94
	8/14/14	6.75	25.12	2,868	-35.7	1.12
	2/10/15	4.71	20.31	5647	-78.1	1.3
	8/13/15	6.97	23.71	6121	112.3	5.2
MW-17	2/11/09	6.80	19.80	12,653	41.9	0.33
	8/11/09	6.90	21.90	9,430	-47.7	0.56
	2/10/10	6.13	16.48	3,697	100.0	1.71
	8/6/10	7.36	25.57	8495	-180.1	0.41
	4/7/11	6.22	22.57	3,113	121.0	0.54
	8/10/11	7.09	27.01	9,972	-52	0.25
	2/14/12	8.19	19.69	16,750	-82.5	0.53
	8/13/12	7.1	25.46	11,650	-236.0	0.32
	2/7/13	7.2	19.44	1,312	-261.6	0.33
	8/7/13	6.82	29.49	1,267	-30.0	0.5
	2/5/14	6.78	13.48	7,489	-14.1	0.24
	8/12/14	6.56	22.55	5,730	-36.9	0.13
	2/6/15	5.46	20.03	6935	-61.1	0.22
	8/12/15	6.63	23.51	8803	33.8	2.94

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MW-18	2/10/09	6.83	20.88	9,075	-3.6	7.73
	8/10/09	6.92	21.84	4,033	-18.8	1.21
	2/10/10	5.99	15.48	1,720	131.8	5.24
	8/5/10	7.35	29.87	4,706	-170.9	0.39
	4/7/11	7.25	23.54	3,727	80.8	0.40
	8/10/11	5.89	28.43	2,440	152	0.82
	2/13/12	7.17	18.41	3,243	-53.9	1.56
	8/9/12	7.35	25.37	2,509	-211.3	2.01
	2/6/13	7.4	20.78	5,264	-183.1	0.98
	8/7/13	7.18	24.18	2,879	40.2	2.79
	2/4/14	7.05	17.78	1,877	58.1	4.37
	8/6/14	7.13	24.97	1,568	27.6	4.31
	2/4/15	5.75	19.8	1654	-37.7	2.91
	8/6/15	7.21	24.66	1851	118	5.4
MW-19	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
	2/5/10	Not Sampled -- LNAPL				
	8/10/10	8.64	30.07	12,350	-279.3	0.12
	4/6/11	Not Sampled -- LNAPL				
	8/10/11	No Access - Construction on Site				
	2/6/12	Not Sampled -- LNAPL				
	8/9/12	7.34	25.29	13,520	-156	0.12
	8/9/12	7.34	25.29	13,520	-156	0.12
	2/8/13	7.91	18.79	1,328	-155	
	8/9/13	7.34	23.25	1,405	-121.0	0.08
DUP	2/10/14	7.87	8.95	9,630	-159.7	0.38
MW-21	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
	2/16/10	Not Sampled -- LNAPL				
	8/11/10	8.23	27.06	3,787	-204.7	0.38
	4/6/11	Not Sampled -- LNAPL				
	8/10/11	No Access - Construction on Site				
	2/6/12	Not Sampled -- LNAPL				
	8/14/12	7.4	22.5	3,500	-160	0.05
	2/11/13	9.3	17.85	4,115	-177.4	0.59
	8/9/13	6.82	28.69	3,585	-101.6	0.39
	2/7/14	7.63	16.39	3,819	-169.4	0.69
MW-22	2/11/09	6.96	20.53	15,528	-160.3	0.07
	8/13/09	7.84	21.47	6,715	-163.7	3.79
	2/17/10	6.89	16.85	5,682		1.50
	8/10/10	7.55	26.56	7,031	-252.7	0.20
	4/7/11	7.22	22.27	1,308	-117.8	0.22
	8/11/11	7.16	31.31	1,550	-159.0	0.11
	2/15/12	8.54	19.5	41.52	-102.5	0.3
	8/13/12	7.0	22.4	12,500	-109	0.53
	2/8/13	7.92	18.64	2,480	-118.9	0.35
	8/12/13	6.91	27.13	2,026	-120.3	0.34
	2/6/14	7.04	13.27	29,920	-108.7	0.5
	8/13/14	6.82	21.38	14,580	-136.3	0.6
	2/6/15	6.83	17.86	8179	-127.9	0.21
	8/12/15	7.01	24.89	9536	-139.6	2.12

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MW-23	2/11/09	6.35	20.73	29,443	116.7	0.65
	8/7/09	6.64	24.79	24,440	59.5	0.44
	2/9/10	6.90	13.64	18,140	34.6	1.51
	8/5/10	6.94	31.01	20,360	-106.5	1.35
	4/6/11	6.78	28.02	1,938	98.8	0.47
	8/9/11	6.31	28.03	1,714	68.0	2.64
	2/15/12	6.63	18.56	19,830	-40.1	1.27
	8/14/12	6.8	22.8	21,600	66	0.39
	2/7/13	6.7	20.45	4,244	-263.3	0.26
	8/8/13	6.47	29.48	2,879	63.1	0.45
	2/6/14	6.5	11.27	20,260	90.8	0.46
	8/12/14	6.25	23.95	11,450	-4.3	0.6
	2/3/15	7.44	14.6	5723	-37.1	0.87
MW-24	2/18/09	7.07	21.78	2,689	-153.4	0.93
	8/10/09			Not Sampled -- LNAPL		
	2/16/10	6.84	16.89	1,633	118.5	1.46
	8/12/10	7.40	27.24	2,231	-219.3	0.54
	4/6/11	6.02	26.14	2,066	-54.8	0.74
	8/10/11	6.95	32.90	1,807	-154.8	0.21
	2/16/12	8.7	14.36	1,521	-138	0.66
	8/14/12	6.8	22.8	21,600	66	0.39
	2/11/13	7.01	20.46	2,738	-255.7	0.38
	8/9/13	6.56	29.76	1,974	-128.5	0.11
	2/7/14	6.92	16.38	1,710	-115.3	0.74
	8/13/14	6.62	25.09	1,754	-112.7	0.28
	2/11/15	6.09	17.48	1780	-29.2	0.36
	8/11/15	6.78	27.48	2453	-114.6	2.54
MW-25	2/12/09	7.69	22.10	1,038	-298.2	0.25
	8/14/09	8.28	21.20	4,753	-139.6	6.92
	2/17/10	7.55	17.13	8,179	75.6	0.60
	8/12/10	7.96	28.67	5,119	-250.6	0.19
	4/7/11	8.38	23.63	9,051	-190.5	0.18
	8/11/11	7.78	30.21	1,065	-151.0	0.06
	2/15/12	8.71	19.6	12,680	-122.9	0.17
	8/13/12	7.5	22.52	8,900	-158	0.75
	2/8/13	8.99	18.36	9,609	-189.1	0.21
	8/12/13	7.33	27.36	1,083	-113.0	0.07
	2/10/14	6.89	12.03	5,610	-44.4	0.5
	8/13/14	7.18	25.79	5,659	-131.7	0.24
	2/11/15	7.83	18.09	4347	-18.9	0.73
MW-26	2/17/09	7.19	24.34	2,298	-162.5	0.48
	8/10/09			Not Sampled -- LNAPL		
	2/16/10	7.04	16.69	1,583	-57.7	1.72
	8/11/10	7.51	28.98	2,016	-215.5	0.16
	4/7/11	7.18	24.21	2,046	-122.5	0.36
	8/9/11	7.09	32.80	2,488	-138.8	0.18
	2/17/12	8.76	12.06	2,238	-103.4	1.15
	8/13/12	6.99	22.8	2,000	-111	0.22
	2/8/13	8.3	18.42	2,182	-140.2	0.43
	8/12/13	6.76	26.04	2,141	-105.5	0.16
	2/10/14	6.92	12.21	1,664	-89.7	0.79
	8/14/14	6.88	24.5	1,543	-101.2	0.45
	2/11/15	4.83	17.69	1908	-16.6	0.47
	8/11/15	6.77	23.27	2023	-95.4	7.18

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MW-27	2/17/09	8.28	22.09	4,543	-263.1	0.48
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/9/11			Not Sampled -- LNAPL		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
MW-29	2/4/09	7.01	19.78	3,153	-138.4	3.14
	8/13/09	6.91	20.87	7,140	-152.1	3.62
	2/15/10	6.85	17.37	1,867	-10.6	1.97
	8/23/10	7.46	29.62	2,211	-200.3	0.35
	4/7/11	7.59	22.03	2,293	-158.8	0.44
	8/10/11	7.05	29.01	2,517	-144.3	2.68
	2/9/12	7.7	17.87	2,250	-133.6	0.96
	8/8/12	7.05	25.37	2,020	-150.8	0.28
	2/7/13	7.21	15.78	3,166	-256.2	0.29
	8/8/13	6.8	30.29	19.26	-121.2	0.12
	2/6/14	6.99	12.31	1,088	-109.7	0.61
	8/11/14	5.86	22.69	1,064	-44.7	0.28
	2/9/15	4.31	20.75	2026	-94.2	0.42
	8/5/15	6.75	25.52	1616	-105.1	0.71
MW-30	2/4/09	7.05	19.96	1,868	-146.3	6.20
	8/13/09	7.31	22.27	1,731	-160.4	0.61
	2/15/10	7.17	17.68	1,639	-10.8	1.77
	8/23/10	7.70	30.44	2,081	-265.0	0.37
	4/6/11	6.89	26.45	2,436	-121.6	0.42
	8/10/11	7.03	25.48	2,458	-211.8	2.11
	2/8/12	7.03	15.84	1,774	-66.5	1.8
	8/9/12	7.26	21.45	2,000	-63	0.6
	2/11/13	6.16	18.21	4,148	-214.5	0.49
	8/7/13	6.8	29.44	2,422	0.09	100.9
	2/7/14	6.91	14.54	1,784	-82.8	0.52
	8/11/14	5.67	26.21	1,803	-23.7	0.18
	2/10/15	6.41	24.47	2704	-99.1	0.29
	8/5/15	6.74	24.7	2189	-63.1	0.76
MW-31	2/9/09	6.99	20.30	2,312	-143.0	0.35
	8/14/09	6.79	20.88	2,230	-138.1	0.73
	2/15/10	7.18	16.99	1,841	-50.5	1.87
	8/10/10	7.47	26.17	2,269	-235.6	0.37
	4/7/11	7.38	23.55	2,851	-124.6	0.48
	8/15/11	6.94	23.81	2,607	-154.0	2.73
	2/8/12	7.12	17.82	3,014	-146.4	0.82
	8/9/12	7.07	22.05	2,287	-157.8	0.27
	2/6/13	7.27	20.72	4,317	-295.6	0.29
	8/6/13	6.9	31.21	2,500	-158.2	0.07
	2/7/14	7.02	15.46	1,908	-81.8	0.29
	8/12/14	5.98	21.13	1,465	-53.4	0.53
	2/3/15	6.09	18.75	1752	-58.8	0.38
	8/6/15	6.96	24.28	2441	-81.9	1.5

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MW-32	2/4/09	7.12	20.43	6,754	-150.5	1.04
	8/12/09	7.65	20.85	5,112	-172.3	0.41
	2/12/10	7.12	17.16	4,084	-33.0	3.04
	8/9/10	7.49	25.08	5,409	-246.1	0.25
	4/6/11	6.92	26.17	6,523	-190.4	0.10
	8/10/11	7.05	30.42	6,449	-138.2	1.70
	2/8/12	7.07	14.87	4,133	-144.4	1.28
	8/8/12	7.26	25.93	5,247	-178	0.11
	2/7/13	7.4	19.81	9,647	-251.6	0.22
	8/8/13	6.99	26.65	6,273	-152.9	0.1
	2/7/14	7.13	13.89	4,160	-134.3	0.31
	8/11/14	6.63	23.84	4,022	-109.9	0.22
	2/9/15	5.23	20.04	6307	-124.7	0.52
	8/5/15	7.28	24.5	5271	-171.1	0.58
MW-34	2/4/09	7.37	21.92	974	-153.4	3.88
	8/13/09	7.92	20.86	1,136	-138.6	2.94
	2/16/10	6.22	16.61	1,235	164.8	2.12
	8/23/10	7.60	28.18	1,745	-149.9	0.92
	4/6/11	6.97	26.92	2,327	-137.5	0.47
	8/10/11	7.14	29.98	2,422	-143.8	1.73
	2/8/12	7.15	16.15	1,884	-150.1	1.12
	8/8/12	6.81	22.45	2,100	-87	0.34
	2/7/13	7.27	19.56	4,517	-253.7	0.27
	8/8/13	6.40	24.70	2,831	-117	0.12
	2/6/14	7.19	14.29	2,019	-113.4	0.3
	8/11/14	6.98	25.78	2,192	-151.8	0.28
	2/10/15	4.87	21.29	2773	-92.1	0.41
	8/4/15	7.03	39.04	3373	-118.4	1.1
West Side Shallow LNAPL Recovery Wells						
RW-1	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
	2/5/10	Not Sampled -- LNAPL				
	8/2/10	Not Sampled -- LNAPL				
	4/6/11	Not Sampled -- LNAPL				
	8/8/11	Not Sampled -- LNAPL				
	2/17/12	Not Sampled -- LNAPL				
	8/9/12	Not Sampled -- LNAPL				
	2/5/13	Not Sampled -- LNAPL				
	8/5/13	Not Sampled -- LNAPL				
	2/5/14	Not Sampled -- LNAPL				
	8/5/14	Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				
RW-2	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
	2/5/10	Not Sampled -- LNAPL				
	8/2/10	Not Sampled -- LNAPL				
	4/6/11	Not Sampled -- LNAPL				
	8/8/11	Not Sampled -- LNAPL				
	2/17/12	Not Sampled -- LNAPL				
	8/9/12	Not Sampled -- LNAPL				
	2/5/13	Not Sampled -- LNAPL				
	8/5/13	Not Sampled -- LNAPL				
	2/5/14	Not Sampled -- LNAPL				
	8/5/14	Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
RW-3	3/9/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/8/11			Not Sampled -- LNAPL		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
RW-4	3/9/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/8/11			Not Sampled -- LNAPL		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
RW-5	3/9/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/8/11			No Access - Construction on Site		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
MW-28	3/9/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/8/11			Not Sampled -- LNAPL		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
East Side Shallow LNAPL Recovery Wells						
MW-5	3/9/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			No Access - Construction on Site		
	8/8/11			Not Sampled -- LNAPL		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
MW-20	3/9/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/8/11			Not Sampled		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
Temporary Monitor Wells						
TMW-1	2/10/09	6.76	21.31	4,854	-117.6	1.51
	8/12/09	6.68	22.43	2,845	-129.7	0.79
	2/12/10	7.02	18.82	1,620	-79.0	2.50
	8/9/10	7.32	25.40	1,855	-222.2	0.38
	4/6/11	6.37	25.79	5,811	-75.8	0.35
	8/9/11	6.67	30.69	6,097	-115.0	1.64
	2/15/12	8.09	19.03	5,562	-137.2	0.43
	8/9/12	6.78	28.51	4,270	-257.5	0.25
	2/7/13	7.92	20.27	4,166	-122	0.51
	8/12/13	6.79	25.42	4,000	-78.2	-0.76
	2/5/14	6.77	9.94	2,862	-66.7	0.44
	8/12/14	6.63	22.45	1,779	-96.1	0.54
	2/5/15	6.12	17.44	3133	-90.8	0.25
	8/10/15	6.82	26.33	3502	-113.1	1.48
TMW-2	2/18/09			Not Sampled -- LNAPL		
	8/10/09			Not Sampled -- LNAPL		
	2/5/10			Not Sampled -- LNAPL		
	8/2/10			Not Sampled -- LNAPL		
	4/6/11			Not Sampled -- LNAPL		
	8/9/11			Not Sampled -- LNAPL		
	2/17/12			Not Sampled -- LNAPL		
	8/9/12			Not Sampled -- LNAPL		
	2/5/13			Not Sampled -- LNAPL		
	8/5/13			Not Sampled -- LNAPL		
	2/5/14			Not Sampled -- LNAPL		
	8/5/14			Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		
				Not Sampled -- LNAPL		

TABLE 6
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
TMW-3	2/17/09	Not Sampled -- No Access				
	8/10/09	Not Sampled -- LNAPL				
	2/17/10	6.46	17.09	1,682	160.4	1.54
	8/12/10	7.54	26.26	1,874	-205	0.33
	4/8/11	7.40	21.91	1,769	-109.9	0.38
	8/16/11	7.03	26.18	2,810	-140	1.03
	2/15/12	8.3	19.52	4,079	-112.2	0.3
	8/14/12	7.1	23.7	1,800	-134	0.36
	2/7/13	7.94	19.90	2,383	-139.9	0.51
	8/9/13	6.56	29.17	2,019	-134.3	0.27
	2/6/14	7.15	13.71	1,420	-122.8	0.33
	8/13/14	6.6	23.83	1,844	-117.1	0.27
	2/11/15	6.36	18.64	1746	-22.8	0.44
	8/11/15	6.88	25.71	2034	-125.7	2.54
TMW-5	2/18/09	7.68	21.24	14,560	-197.4	0.70
	8/10/09	7.21	21.99	9,539	-192.4	0.79
	2/10/10	7.61	14.55	6,864	-86.9	0.95
	8/11/10	8.03	29.02	8,386	-209.0	0.15
	4/7/11	7.46	24.02	9,166	-157.8	0.16
	8/9/11	7.42	32.47	1,149	-157.3	0.13
	2/6/12	Not Sampled -- LNAPL				
	8/7/12	Not Sampled -- LNAPL				
	2/5/13	Not Sampled -- LNAPL				
	8/5/13	Not Sampled -- LNAPL				
	2/5/14	Not Sampled -- LNAPL				
	8/5/14	Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				
		Not Sampled -- LNAPL				
TMW-6	2/17/09	7.11	21.97	2,441	-173.8	0.36
	8/11/09	6.42	22.44	1,561	-126.5	0.45
	2/16/10	6.54	16.82	1,938	30.5	1.61
	8/11/10	Not Sampled				
	4/7/11	7.27	25.74	2,192	-150.7	0.12
	8/9/11	7.15	33.51	2,195	-150.1	0.06
	2/10/12	8.38	17.99	3,242	-170.6	0.43
	8/14/12	6.8	23.6	2,250	-125	0.19
	2/11/13	7.75	20.10	2,727	-142	0.32
	8/9/13	6.73	26.58	3,239	-156.8	0.05
	2/6/14	7.22	9.45	1,650	-111.2	0.19
	8/13/14	6.81	23.83	3,346	-135.7	0.45
	2/11/15	6.75	18.71	294	-32.5	0.41
	8/11/15	7.05	26.01	2674	-153.9	1.74

Notes:

1. uS/cm - microsiemens per centimeter
2. mV - millivolts
3. mg/L - milligrams per liter
4. LNAPL - Light non-aqueous phase liquid
5. NA - Not Available

TABLE 7
SUMMARY OF GEOCHEMICAL PARAMETERS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
<i>Deep Monitor Wells</i>						
MWD-1	2/11/09	6.59	20.04	28,584	96.3	0.52
	8/6/09	6.81	20.5	>25,000	NA	NA
	2/8/10	6.85	19.4	OR	NA	NA
	8/4/10	6.70	23.1	>19,999	NA	NA
	4/14/11	6.89	21.6	2,379	NA	NA
	8/17/11	6.76	22.9	2,400	125	NA
	2/13/12	7.66	18.08	6,910	-62.9	1.41
	8/13/12	6.86	25.39	20,950	-80.7	0.27
	2/6/13	7.53	20.49	1,393	-65	0.40
	8/7/13	6.74	28.23	1,960	48.9	0.41
	2/4/14	6.53	17.86	20,760	148.3	0.57
	8/6/14	6.51	23.52	8,993	40.6	0.18
	2/6/15	6.65	17.72	3824	-67.6	5.55
	8/6/15	7.34	26.74	3676	131.9	4.53
MWD-2	2/10/09	6.53	21.12	48,106	8.5	1.71
	8/12/09	6.6	22.07	45,460	NA	NA
	2/8/10	6.62	20.6	OR	NA	NA
	8/5/10	6.72	22.9	>19,999	NA	NA
	4/15/11	6.67	22.1	6,174	NA	NA
	8/17/11	6.75	22.6	6,312	-10	NA
	2/14/12	7.92	21.56	13,350	-74	0.35
	8/10/12	6.71	25.7	8,727	-133.7	0.2
	2/5/13	6.77	21.36	3,551	-266.6	0.21
	8/8/13	6.65	29.88	3,258	-50.3	0.53
	2/4/14	6.37	17.85	119,800	209.6	0.46
	8/6/14	6.4	23.96	4,445	-22.3	0.2
	2/4/15	6.14	21.48	4220	-37.5	0.34
	8/10/15	6.83	26.45	7460	101.2	1.5
MWD-4	2/5/09	6.94	19.16	1,734	-97.1	1.37
	8/6/09	7.25	20.2	2,500	NA	NA
	2/5/10	7.12	19.7	2,090	NA	NA
	8/20/10	7.07	21.1	1,849	NA	NA
	4/14/11	7.06	21.5	3,519	NA	NA
	8/17/11	7.30	22.4	3,248	-123	NA
	2/9/12	7.13	18.21	1,196	-124	2.03
	8/9/12	7.05	23.52	1,300	-104	0.27
	2/6/13	7.87	20.34	1,357	-51.7	0.97
	8/6/13	6.91 ¹	24.85	1,681	-118.5	0.3
	2/4/14	6.84	15.75	1,467	-89.2	2.5
	8/5/14	6.63	22.81	896	-115.8	0.23
	2/3/15	7.79	17.93	1007	-27.1	0.7
	8/7/15	6.7	22.71	1698	-109.7	1.58
MWD-5	2/12/09	7.18	20.64	6,266	-184.0	0.18
	8/12/09	8.93	21.66	7,454	NA	NA
	2/9/10	9.23	19.7	6,920	NA	NA
	8/6/10	7.49	23.1	7,490	NA	NA
	4/15/11	9.25	24.2	7,001	NA	NA
	8/15/11	7.29	22.2	6,500	-157	NA
	2/6/12			Not Sampled		
	8/8/12	6.84	22.08	4,061	-161.4	0.33
	2/8/13	6.92	15.86	7,359	-246.8	0.26
	8/8/13	6.92	27.29	8,426	-138.7	0.08
	2/5/14	6.9	12.6	4,002	-98.6	0.52
	8/11/14	9.25	23.65	13,360	-386.6	0.11
	2/9/15	4.22	20.38	3844	-107.2	0.38
	8/5/15	6.7	26.26	3565	-117.6	0.6

Page 2 of 7

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MWD-6	2/12/09	7.04	20.64	4,464	-110.3	0.24
	8/7/09	7.15	20.7	4,410	NA	NA
	2/5/10	7.08	20.2	4,310	NA	NA
	8/20/10	7.14	20.7	4,110	NA	NA
	4/15/11	7.20	20.8	4,275	NA	NA
	8/15/11	7.11	21.9	4,461	-123	NA
	2/9/12	7.59	19.16	11,270	-123.4	0.48
DUP	8/8/12	6	22.5	2,800	-86	0.23
	8/8/12	6	22.57	2,800	-86	0.23
	2/8/13	7.08	18.20	4,907	-289.5	0.39
	8/7/13	6.73	25.13	2,740	-96.3	0.09
	2/6/14	6.89	15.82	2,191	-82.5	0.52
	8/8/14	6.71	23.78	1,604	-106.4	0.15
	2/9/15	4.92	21.41	3134	-89.8	0.38
	8/4/15	6.86	25.36	2511	-83.1	0.66
MWD-7	2/11/09	6.63	20.35	22,974	120.4	0.3
	8/6/09	6.83	20.7	>25,000	NA	NA
	2/8/10	6.91	19.2	>25,000	NA	NA
	8/4/10	6.77	22.2	>19,999	NA	NA
	4/14/11	6.86	21.4	2,129	NA	NA
	8/17/11	6.90	22	2,135	66	NA
	2/16/12	8.53	15.04	35,070	-87.9	0.66
	8/13/12	6.89	25.39	20,910	-240.6	0.24
	2/6/13	7.36	20.45	1,830	-60.9	0.35
	8/7/13	6.78	22.36	2,053	213.5	1.02
	2/4/14	6.69	17.93	17,690	120.4	0.62
	8/6/14	6.64	25.36	11,930	2.74	0.16
	2/6/15	5.49	20.48	14990	-64	0.61
	8/12/15	6.78	24.99	17400	124.4	1.75
MWD-8	2/10/09	6.74	20.80	30,339	40.8	5.03
	8/11/09	6.8	21.64	26,450	NA	NA
	2/8/10	6.89	19.7	OR	NA	NA
	8/5/10	6.89	22.3	>19,999	NA	NA
	4/15/11	6.94	22.1	3,923	NA	NA
	8/17/11	7.06	22.7	20	31	NA
	2/13/12	5.97	16.13	1,722	21.4	6.05
	8/9/12	7.1	26.6	3,652	-299	0.48
	2/6/13	7.31	17.53	5,687	-185.8	1.01
	8/8/13	6.88	27.7	4,791	167.2	1.83
	2/4/14	6.99	18.54	3,520	126.8	3.11
	8/6/14	6.82	23.35	1,997	20.9	3.07
	2/4/15	6.32	21.25	1973	-34.6	4.74
	8/6/15	7.14	26.15	2193	112.3	5.52
MWD-10	2/12/09	7.29	21.41	17,475	-214.5	1.17
	8/10/09	7.15	20.81	19,880	NA	NA
	2/9/10	7.56	20.2	OR	NA	NA
	4/14/11	Not Sampled -- LNAPL				
	8/19/11	7.46	21.8	1,594	-240	NA
	2/6/12			Not Sampled		
	8/7/12			Not Sampled		
	2/5/13			Not Gauged		
	8/8/13			Not Gauged		
	2/5/14			Not Gauged		
	8/5/14			Not Gauged		
				Not Gauged		
				Not Gauged		

Page 3 of 7

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MWD-11	2/10/09	6.69	21.05	5,890	46.4	3.33
	8/12/09	6.82	21.04	8,436	NA	NA
	2/8/10	6.98	21	7,030	NA	NA
	8/5/10	6.84	23.1	6,950	NA	NA
	4/15/11	7.06	24.0	1,219	NA	NA
	8/19/11	7.04	22.0	4,939	106	NA
	2/10/12	5.93	17.3	1,154	32.5	4.05
	8/9/12	7.1	25.8	1,359	-216.9	3.22
	8/9/12	7.1	25.8	1,359	-216.9	3.22
	2/5/13	7.27	20.75	4,969	-216.4	0.48
	8/9/13	6.87	29.94	3,331	1.06	24.4
	2/4/14	6.64	17.36	5,332	125	0.61
	8/5/14	6.94	23.56	797	34.9	5.38
	2/5/15	6.21	17.84	1250	-57.6	6.22
	8/10/15	6.94	24.01	1047	174	8.43
MWD-12	2/17/09	7.15	21.37	14,395	-132.1	0.26
	8/6/09	7.3	20.2	13,510	NA	NA
	2/5/10	7.32	19.9	13,450	NA	NA
	8/4/10	7.32	22.3	12,640	NA	NA
	4/14/11	7.29	20.5	1,476	NA	NA
	8/17/11	7.38	21.5	1,394	-137	NA
	2/10/12	8.2	18.71	35,900	-122.8	0.61
	8/9/12	7	24.19	9,700	-147	0.21
	2/11/13	7.12	19.26	12.6	-250.3	0.14
	8/8/13	7.34	27.74	7,969	-138.9	0.03
	2/6/14	7.3	16.33	8,506	-124.3	0.35
	8/11/14	6.79	23.44	9,207	-18.2	0.21
	2/9/15	5.72	18.99	4752	-129	0.36
	8/5/15	7.66	27.28	4840	-185.9	0.33
MWD-13	2/5/09	7	21.06	19,253	33.4	1
	8/7/09	7.01	20.8	>25,000	NA	NA
	2/5/10	7.16	20.4	7,710	NA	NA
	8/20/10	7.38	20.8	6,080	NA	NA
	4/15/11	6.84	21.5	6,281	NA	NA
	8/17/11	7.03	22.4	2,752	65	NA
	2/9/12	7.29	18.74	4,050	-35.3	3.94
	8/10/12	6.8	24.08	7,600	33	0.23
	2/8/13	6.64	18.33	36,880	-265.7	0.31
	8/6/13	6.82	25.14	52,140	-106.8	0.56
	2/5/14	6.77	14.93	29,200	69.3	0.63
	8/5/14	6.83	24.71	7,409	20.7	0.48
	2/5/15	7.41	15.4	4970	-194.4	0.3
	8/7/15	7.15	27.81	7062	-73.1	1.5
MWD-14	2/12/09	7.53	20.65	25,350	-228.7	0.20
	8/10/09	7.50	51.58	35,180	NA	NA
	2/9/10	7.53	19.5	OR	NA	NA
	8/5/10	7.69	22.3	>19,999	NA	NA
	4/11/11			Not Sampled		
	8/19/11	7.71	21.2	2,445	-274	NA
	2/6/12			Not Sampled		
	8/9/12	7.3	23.42	14,440	-228	0.11
	2/8/13	8.96	19.16	1,303	-211.3	0.30
	8/8/13	7.62	28.7	1,853	-161.2	0.02
	2/6/14	7.89	16.56	17,020	-164.8	6.25
	8/13/14	7.07	23.31	11,030	-118.7	0.34
	2/11/15	6.37	17.64	11670	-50.6	0.43
	8/5/15	7.9	28.49	15120	-149.7	0.9

TABLE 7
SUMMARY OF GEOCHEMICAL PARAMETERS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MWD-15	2/12/09	7.07	20.84	46,968	-137.8	0.30
	8/12/09	7.28	21.86	53,110	NA	NA
	2/8/10	6.8	20.1	OR	NA	NA
	8/5/10	7.26	24.8	>19,999	NA	NA
	4/15/11	6.91	23.5	1,537	NA	NA
	8/19/11	7.25	21.6	1,733	-246	NA
	2/16/12	6.96	17.93	4,625	-37.9	1.22
	8/10/12	7.79	27.27	12,270	-272.7	0.06
	2/8/13	7.36	17.33	1,381	-258.3	0.42
	8/8/13	7.52	26.41	1,555	-116.4	0.54
	2/5/14	7.82	13.26	8,618	-141.7	0.25
	8/12/14	7.59	22.67	5,737	-154.1	0.15
	2/4/15	6	21.99	4752	-100.4	0.24
	8/11/15	7.37	29.17	7349	-155	1.8
MWD-16	2/12/09	7.93	20.93	23,564	-305.3	0.59
	8/10/09	7.97	21.68	24,220	NA	NA
	2/9/10	8.12	20.2	>25,000	NA	NA
	8/5/10	8.19	23.7	14,100	NA	NA
	4/11/11	Not Sampled				
	8/19/11	No Access - Construction on Site				
	2/6/12	Not Sampled				
	8/7/12	Not Sampled				
	2/8/13	Not Gauged				
	8/8/13	Not Gauged				
	2/5/14	Not Gauged				
	8/5/14	Not Gauged				
		Not Gauged				
		Not Gauged				
MWD-17	2/12/09	6.90	20.24	74,077	-181.1	0.28
	8/12/09	7.15	21.51	92,460	NA	NA
	2/9/10	7.99	19.6	OR	NA	NA
	8/6/10	7.60	20.9	OR	NA	NA
	4/15/11	7.77	21.9	7,877	NA	NA
	8/16/11	7.20	23.6	8,998	-175	NA
	2/21/12	8.81	18.95	25,420	-265.1	0.51
	8/14/12	7.6	22.4	20,000	-180	0.03
	2/11/13	10.71	18.53	3,307	-337.9	0.19
	8/8/13	7.27	24.62	4,908	-160.2	0.18
	2/6/14	8.87	14.82	23,540	-167	0.43
	8/12/14	5.79	24.77	150,400	5.1	0.36
	2/10/15	8.75	21.29	15890	-128.7	0.22
	8/12/15	7.44	24.89	19340	-171.4	2.76
Water Wells						
WW-1	2/2/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
	4/11/11	Not Sampled - No Access				
	8/16/11	Not Sampled - No Access				
	2/6/12	Not Sampled - No Access				
	8/7/12	Not Sampled - No Access				
	2/6/13	Not Sampled - No Access				
	8/6/13	Not Sampled - No Access				
	2/5/14	Not Sampled - No Access				
	8/5/14	Not Sampled - No Access				
		Not Sampled - No Access				

TABLE 7
SUMMARY OF GEOCHEMICAL PARAMETERS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
WW-2	2/2/09					
	8/10/09					
	4/11/11					
	8/16/11					
	2/6/12					
	8/7/12					
	2/6/13					
	8/6/13					
	2/5/14					
	8/5/14					
WW-3	2/2/09					
	8/10/09					
	4/11/11					
	8/16/11					
	2/6/12					
	8/7/12					
	2/6/13					
	8/6/13					
	2/5/14					
	8/5/14					
WW-4	2/3/09					
	8/10/09					
	4/11/11					
	8/16/11					
	2/6/12					
	8/7/12					
	2/6/13					
	8/6/13					
	2/5/14					
	8/5/14					
WW-5	2/3/09					
	8/10/09					
	4/11/11					
	8/16/11					
	2/6/12					
	8/7/12					
	2/6/13					
	8/6/13					
	2/5/14					
	8/5/14					
WW-6	2/3/09					
	8/10/09					
	4/11/11					
	8/16/11					
	2/6/12					
	8/7/12					
	2/6/13					
	8/6/13					
	2/5/14					
	8/5/14					

TABLE 7
SUMMARY OF GEOCHEMICAL PARAMETERS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
WW-7	2/2/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
	4/11/11	Not Sampled - No Access				
	8/16/11	Not Sampled - No Access				
	2/6/12	Not Sampled - No Access				
	8/7/12	Not Sampled - No Access				
	2/6/13	Not Sampled - No Access				
	8/6/13	Not Sampled - No Access				
	2/5/14	Not Sampled - No Access				
	8/5/14	Not Sampled - No Access				
		Not Sampled - No Access				
		Not Sampled - No Access				
Deep Chloride Recovery Wells						
MWD-3	2/11/09	Not Sampled - Pump				
	8/18/09	Not Sampled - Pump				
	2/2/10	6.64	18.25	65,600	NA	NA
	8/3/10	6.57	21.8	>19,999	NA	NA
	4/11/11	Not Sampled - Pump				
	8/16/11	Not Sampled - Pump				
	2/6/12	Not Sampled - Pump				
	8/7/12	Not Sampled - Pump				
	2/6/13	Not Sampled - Pump				
	8/6/13	Not Sampled - Pump				
	2/5/14	Not Sampled - Pump				
	8/5/14	Not Sampled - Pump				
		Not Sampled - Pump				
		Not Sampled - Pump				
MWD-9	2/11/09	Not Sampled - Pump				
	8/17/09	Not Sampled - Pump				
	2/2/10	6.58	17.53	41,920	NA	NA
	8/3/10	7.18	23	>19,999	NA	NA
	4/11/11	Not Sampled - Pump				
	8/16/11	Not Sampled - Pump				
	2/6/12	Not Sampled - Pump				
	8/7/12	Not Sampled - Pump				
	2/6/13	Not Sampled - Pump				
	8/6/13	Not Sampled - Pump				
	2/5/14	Not Sampled - Pump				
	8/5/14	Not Sampled - Pump				
		Not Sampled - Pump				
		Not Sampled - Pump				
RW-6	2/11/09	Not Sampled - Pump				
	8/17/09	Not Sampled - Pump				
	2/2/10	6.72	20.57	27,360	NA	NA
	8/3/10	6.47	20.9	>19,999	NA	NA
	4/4/11	Not Sampled - Pump				
	8/16/11	Not Sampled - Pump				
	2/6/12	Not Sampled - Pump				
	8/7/12	Not Sampled - Pump				
	2/6/13	Not Sampled - Pump				
	8/9/13	7.32	27.57	7,552	-103.4	0.64
	2/5/14	7.29	14.38	5,135	-144.1	0.3
	8/7/14	7.04	23.7	4,424	-165.5	0.1
	2/10/15	9.53	21.27	4799	-130.9	0.25
	8/12/15	7.17	24.97	4801	-157	1.73

TABLE 7
SUMMARY OF GEOCHEMICAL PARAMETERS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature °C	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
RW-7	2/11/09			Not Sampled - Pump		
	8/17/09			Not Sampled - Pump		
	2/2/10	6.48	118.6	88,440	NA	NA
	8/3/10	6.63	22.7	>19,999	NA	NA
	4/11/11			Not Sampled - Pump		
	8/16/11			Not Sampled - Pump		
	2/6/12			Not Sampled - Pump		
	8/7/12			Not Sampled - Pump		
	2/6/13			Not Sampled - Pump		
	8/9/13	6.84	22.83	5,193	-56.5	0.72
	2/5/14	6.9	10.94	26,780	-70.4	0.54
	8/7/14	5.41	23.54	6,105	105.9	0.15
	2/10/15	6.97	21.45	7696	-93.8	0.43
	8/12/15	6.59	26.01	9128	117.6	2.28
RW-8	2/11/09			Not Sampled - Pump		
	8/17/09			Not Sampled - Pump		
	2/9/10	6.99	20.6	OR	NA	NA
	8/20/10	6.80	22.7	>19,999	NA	NA
	4/11/11			Not Sampled - Pump		
	8/16/11			Not Sampled - Pump		
	2/6/12			Not Sampled - Pump		
	8/7/12			Not Sampled - Pump		
	2/6/13			Not Sampled - Pump		
	8/8/13	6.94	28.76	2,072	-95.1	0.39
	2/5/2014	7.04	5.11	4,538	-74.7	0.45
	2/5/14	6.89	15.08	23,900	-67.9	0.5
	8/7/14	7	24.95	5,605	-141	0.31
DUP	2/5/15	7.18	11.91	3513	-96.8	0.74
	8/10/15	7.03	27.46	6478	-140.7	2.08

Notes:

1. uS/cm - microsiemens per centimeter
2. mV - millivolts
3. mg/L - milligrams per liter
4. OR - Out of Range
5. NA - Not Analyzed
6. LNAPL - Light non-aqueous phase liquid

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
Shallow Monitor Wells					
MW-1	2/18/09			Not Sampled -- LNAPL	
	8/10/09			Not Sampled -- LNAPL	
	2/5/10			Not Sampled -- LNAPL	
	4/4/11			Not Sampled -- LNAPL	
	8/8/11			Not Sampled -- LNAPL	
	2/6/12			Not Sampled -- LNAPL	
	8/7/12			Not Sampled -- LNAPL	
	2/5/13			Not Sampled -- LNAPL	
	8/5/13			Not Sampled -- LNAPL	
	2/5/14			Not Sampled -- LNAPL	
	8/5/14			Not Sampled -- LNAPL	
				Not Sampled -- LNAPL	
MW-2	2/18/09			Not Sampled -- LNAPL	
	8/10/09			Not Sampled -- LNAPL	
	2/5/10			Not Sampled -- LNAPL	
	4/4/11			Not Sampled -- LNAPL	
	8/8/11			Not Sampled -- LNAPL	
	2/6/12			Not Sampled -- LNAPL	
	8/7/12			Not Sampled -- LNAPL	
	2/5/13			Not Sampled -- LNAPL	
	8/5/13			Not Sampled -- LNAPL	
	2/5/14			Not Sampled -- LNAPL	
	8/5/14			Not Sampled -- LNAPL	
				Not Sampled -- LNAPL	
MW-3 DUP-3	2/9/09	98	<1.0	31	<3.0
	8/13/09	<1.0	<1.0	<1.0	<3.0
	2/16/10	<1.0	<1.0	<1.0	<3.0
	8/10/10	<1.0	<1.0	<1.0	<3.0
	4/7/11	<1.0	<1.0	<1.0	<3.0
	4/7/11	<1.0	<1.0	<1.0	<3.0
	8/9/11	<1.0	<1.0	<1.0	<3.0
	2/10/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	8/12/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
MW-4 DUP-2	8/5/14	<1.0	<1.0	<1.0	<1.0
	2/3/15	<1.0	<1.0	<1.0	<1.0
	8/6/15	<1.0	<1.0	<1.0	<1.0
	2/11/09	5.9	<1.0	4.7	<3.0
	2/11/09	5.9	<1.0	4.8	<3.0
	8/12/09	<1.0	<1.0	<1.0	<3.0
	2/12/10	<1.0	<1.0	<1.0	<3.0
	8/6/10	<1.0	<1.0	<1.0	<3.0
	4/6/11			Not Sampled	
	8/10/11	<1.0	<1.0	<1.0	<3.0
	2/14/12	<1.0	<1.0	<1.0	<3.0
	8/10/12	<1.0	<1.0	<1.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	8/8/13	<1.0	<1.0	<1.0	<3.0
	2/5/14	<1.0	<1.0	<1.0	<1.0
	8/12/14	<1.0	<1.0	<1.0	<1.0
	2/4/15	<1.0	<1.0	<1.0	<1.0
	8/10/15	<1.0	<1.0	<1.0	<1.0

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MW-6 (Dup)	2/5/09	3.1	<1.0	7.6	6.7
	8/7/09	<1.0	<1.0	<1.0	<3.0
	2/9/10	<1.0	<1.0	<1.0	<3.0
	8/5/10	<1.0	<1.0	<1.0	<3.0
	4/6/11	<1.0	<1.0	<1.0	<3.0
	8/9/11	<1.0	<1.0	<1.0	<3.0
	2/9/12	<1.0	<1.0	<1.0	<3.0
	8/10/12	<1.0	<1.0	<1.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	8/6/13	<1.0	<1.0	<1.0	<3.0
	2/5/14	<1.0	<1.0	<1.0	<1.0
	8/5/14	<1.0	<1.0	<1.0	<1.0
	2/5/15	<1.0	<1.0	<1.0	<1.0
	8/7/15	<1.0	<1.0	<1.0	<1.0
MW-7	2/5/09	2.8	1.1	11	9
	8/6/09	<1.0	<1.0	<1.0	<3.0
	2/9/10	<1.0	<1.0	<1.0	<3.0
	8/5/10	<1.0	<1.0	<1.0	<3.0
	4/6/11	<1.0	<1.0	<1.0	<3.0
	8/9/11	<1.0	<1.0	<1.0	<3.0
	2/9/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/6/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/5/14	<1.0	<1.0	<1.0	<1.0
	2/3/15	<1.0	<1.0	<1.0	<1.0
	8/7/15	<1.0	<1.0	<1.0	<1.0
MW-8 (Dup) (Dup)	2/2/09	Not Sampled			
	8/6/09	<1.0	<1.0	<1.0	<3.0
	2/5/10	<1.0	<1.0	<1.0	<3.0
	8/4/10	<1.0	<1.0	<1.0	<3.0
	4/6/11	<1.0	<1.0	<1.0	<3.0
	8/8/11	<1.0	<1.0	<1.0	<3.0
	2/8/12	<1.0	<1.0	<1.0	<3.0
	8/8/12	<1.0	<1.0	<1.0	<3.0
	8/8/12	<1.0	<1.0	<1.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/8/13	<1.0	<1.0	<1.0	<3.0
	2/5/14	<1.0	<1.0	<1.0	0.7 J
	8/8/14	<1.0	<1.0	<1.0	<1.0
	2/5/15	<1.0	0.2 J	0.6 J	1.3
	8/5/15	<1.0	<1.0	0.4 J	0.9 J
MW-9	2/12/09	3,700	33	470	140
	8/14/09	1,600	<1.0	64	<3.0
	2/15/10	2,700	1.2	430	6
	8/23/10	1,500	<5.0	250	<15
	4/7/11	1,400	<1.0	270	<3.0
	8/10/11	610	<1.0	210	3.7
	2/9/12	220 J	<1.0	200 J	4.5 J
	8/8/12	16	<1.0	5.0	<3.0
	2/11/13	61	<1.0	130	6.2
	8/7/13	54	<1.0	110	<5.0
	2/7/14	13	0.3 J	5.9	2.2
	8/8/14	42	<1.0	21	<3.0
	2/9/15	8.1	0.3 J	0.2 J	<1.0
	8/4/15	1.6	0.2 J	<1.0	<1.0

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MW-10	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/7/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
MW-11	2/18/09	Not Sampled -- No Access due to Demo work			
	8/10/09	Not Sampled -- LNAPL			
	2/17/10	29,000	<100	710	<300
	8/12/10	17,000	<50	420	<150
	4/8/11	29,000	<100	480	<300
	8/16/11	32,000	<50	430	<150
	2/16/12	22,000	<20	420	<60
	8/14/12	20,000	<100	760	<300
	2/11/13	18,000	13	560	32
	8/12/13	14,000	<50	410	<150
	2/7/14	22000	<100	670	57 J
	8/13/14	30000	<100	130	<100
	2/11/15	16000	25 J	26 J	160
	8/11/15	11000	23	33	190
MW-12	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/7/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
MW-13 (Dup)	2/9/09	5.5	<1.0	3.3	4.6
	8/11/09	<5.0	<1.0	<1.0	<3.0
	2/12/10	<1.0	<1.0	<1.0	<3.0
	8/6/10	<1.0	<1.0	<1.0	<3.0
	4/6/11	<10	<1.0	<1.0	<3.1
	8/15/11	<1.0	<1.0	<1.0	<3.0
	2/8/12	14	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/6/13	<3.0	<1.0	<1.0	<3.0
	8/6/13	<2.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/7/14	<1.0	<1.0	<1.0	<1.0
	2/3/15	<1.0	<1.0	<1.0	<1.0
	8/6/15	<1.0	<1.0	<1.0	<1.0

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MW-14	2/9/09	<1.0	<1.0	2.4	<3.0
	8/6/09	<1.0	<1.0	<1.0	<3.0
	2/5/10	<1.0	<1.0	<1.0	<3.0
	8/4/10	<1.0	<1.0	<1.0	<3.0
	4/6/11	<1.0	<1.0	<1.0	<3.1
	8/8/11	<1.0	<1.0	<1.0	<3.0
	2/8/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/6/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/7/14	<1.0	<1.0	<1.0	<1.0
	(Dup) 8/7/14	<1.0	<1.0	<1.0	<1.0
	2/3/15	<1.0	<1.0	<1.0	<1.0
	8/6/15	<1.0	<1.0	<1.0	<1.0
MW-15	2/9/09	6.1	<1.0	3.7	3.2
	8/12/09	3.3	<1.0	<1.0	<3.0
	2/8/10	<1.0	<1.0	<1.0	<3.0
	8/9/10	<1.0	<1.0	<1.0	<3.0
	4/7/11	2.4	<1.0	<1.0	<3.0
	8/9/11	16	<1.0	<1.0	<3.0
	2/15/12	3.2	<1.0	<1.0	<3.0
	8/13/12	1.9	<1.0	<1.0	<3.0
	2/7/13	1.4	<1.0	<1.0	<3.0
	8/7/13	1.2	<1.0	<1.0	<3.0
	2/6/14	1.3	<1.0	<1.0	<1.0
	8/14/14	<1.0	<1.0	<1.0	<1.0
	2/10/15	1.5	<1.0	<1.0	<1.0
	8/13/15	0.5 J	<1.0	<1.0	<1.0
MW-16	2/9/09	1.3	<1.0	3.6	3.2
	8/6/09	<1.0	<1.0	<1.0	<3.0
	2/8/10	<1.0	<1.0	<1.0	<3.0
	8/4/10	<1.0	<1.0	<1.0	<3.0
	4/7/11	<1.0	<1.0	<1.0	<3.0
	8/9/11	<1.0	<1.0	<1.0	<3.0
	2/15/12	<1.0	<1.0	<1.0	<3.0
	8/13/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	2/6/14	<1.0	<1.0	<1.0	<1.0
	8/14/14	<1.0	<1.0	<1.0	<1.0
	2/10/15	<1.0	<1.0	<1.0	<1.0
	8/13/15	<1.0	<1.0	<1.0	<1.0
MW-17	2/11/09	4.5	<1.0	4.2	<3.0
	8/11/09	<1.0	<1.0	<1.0	<3.0
	2/10/10	<1.0	<1.0	<1.0	<3.0
	8/6/10	<1.0	<1.0	<1.0	<3.0
	4/7/11	<1.0	<1.0	<1.0	<3.0
	8/10/11	<1.0	<1.0	<1.0	<3.0
	2/14/12	<1.0	<1.0	<1.0	<3.0
	8/13/12	<1.0	<1.0	<1.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	2/5/14	<1.0	<1.0	<1.0	0.2 J
	8/12/14	<1.0	<1.0	<1.0	<1.0
	2/6/15	<1.0	<1.0	<1.0	<1.0
	8/12/15	<1.0	<1.0	<1.0	<1.0

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MW-18	2/10/09	4	<1.0	4.2	<3.0
	8/10/09	<1.0	<1.0	<1.0	<3.0
	2/10/10	<1.0	<1.0	<1.0	<3.0
	8/5/10	<1.0	<1.0	<1.0	<3.0
	4/7/11	<1.0	<1.0	<1.0	<3.0
	8/10/11	<1.0	<1.0	<1.0	<3.0
	2/13/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
	2/4/15	<1.0	<1.0	<1.0	<1.0
	8/6/15	<1.0	<1.0	<1.0	<1.0
MW-19	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	8/10/10	1,300	1.5	83	52
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	No Access - Construction on Site			
	2/6/12	Not Sampled -- LNAPL			
	8/9/12	1,300 J	3.0 J	170 J	57 J
	8/9/12	1,400 J	3.1 J	170 J	57 J
	2/8/13	1,300	3.9 J	150 J	58 J
	8/9/13	1,400	<1.0	210 J	7.1 J
	2/10/14	1000	1.7	160	36
MW-21	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	8/11/10	510	<1.0	140	22
	4/4/11	Not Sampled			
	8/8/11	No Access - Construction on Site			
	2/6/12	Not Sampled -- LNAPL			
	8/14/12	490	2.2	250	33
	2/11/13	340	<1.0	230	11
	8/9/13	650 J	2.3 J	150 J	45 J
	2/7/14	130	0.5 J	190	9.9
	2/7/14	130	0.5 J	190	9.8
MW-22	2/11/09	2,700	<10	66	43
	8/13/09	3,500	<10	130	<30
	2/17/10	19,000	<50	260	<150
	8/10/10	18,000	<50	260	<150
	8/10/10	18,000	<50	230	<150
	4/7/11	1,900	<1.0	36	3.2
	8/11/11	7,500	<20	67	<60
	2/15/12	6,800	<5.0	6.9	<15
	8/13/12	8,700	<5.0	120	16
	2/8/13	73	<1.0	3.3	<8.0
	8/12/13	160	<1.0	3.1	3.0
	2/6/14	3400	<1.0	39	8.1
	8/13/14	7100	<25	150	120
	2/6/15	18000	7.9 J	200	51
	8/12/15	15000	9.9 J	140	49

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MW-23	2/11/09	3.1	<1.0	2.7	<3.0
	8/7/09	<1.0	<1.0	<1.0	<3.0
	2/9/10	<1.0	<1.0	<1.0	<3.0
	8/5/10	<1.0	<1.0	<1.0	<3.0
DUP-2	4/6/11	<1.0	<1.0	<1.0	<3.0
	4/6/11	<1.0	<1.0	<1.0	<3.0
	8/9/11	<1.0	<1.0	<1.0	<3.0
	2/15/12	<1.0	<1.0	<1.0	<3.0
	8/14/12	13	<1.0	2.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	8/8/13	<1.0	<1.0	<1.0	<3.0
	2/6/14	<1.0	<1.0	<1.0	<1.0
	8/12/14	<1.0	<1.0	<1.0	<1.0
	2/3/15	<1.0	<1.0	<1.0	<1.0
	8/12/15	<1.0	<1.0	<1.0	<1.0
MW-24	2/18/09	11,000	110	630	610
	8/10/09		Not Sample -- LNAPL		
	2/16/10	25,000	180	990	520
	8/12/10	23,000	100	1,100	530
	4/6/11	23,000	57	760	240
	8/10/11	26,000	74	840	260
	2/16/12	27,000	110	1,400	440
	8/13/12	28,000	85	1,500	500
	2/11/13	27,000	160	1,500	590
	8/9/13	14,000	<50	580	<150
	2/7/14	14000	43	970	230
	8/13/14	17000	<50	870	110
(Dup)	8/13/14	22000	<100	910	140
	2/11/15	19000	40	1100	380
	8/11/15	15000 J	16 J	130 J	100 J
MW-25	2/12/09	7,900	<25	560	<75
	8/14/09	8,200	<20	780	<60
	2/17/10	6,800	<5.0	770	16
DUP	8/11/10	8,600	<20	860	<60
	8/12/10	10,000	<5.0	890	15
	4/7/11	6,500	<20	740	<60
	8/11/11	6,700	<20	510	<60
	2/15/12	4,800	<5.0	750	34
	2/15/12	5,000	<5.0	730	34
	8/13/12	7,900	<5.0	970	41
	2/8/13	6,700	2.3 J	790	30 J
	8/12/13	4,500	<20	610	<60
	2/10/14	4200 J	2.1 J	390 J	26 J
	8/13/14	2800 J	1.6 J	540 J	1.9 J
(Dup)	2/11/15	2700	<20	160	<20
	2/11/15	2900	<20	170	22
	8/11/15	2300	<10	100	6.4 J
MW-26	2/17/09	6,100	<20	350	78
	8/10/09		Not Sampled -- LNAPL		
	2/16/10	1,800	1.2	160	6
	8/8/10	1700	1.8	150	8.2
	4/7/11	2,800	2.3	110	22
	8/9/11	3,300	<5.0	160	22
	2/17/12	2,300	2.0	120	16
	8/13/12	4,600	<5.0	230	32
	2/8/13	4,400	<10	140	<30
	8/12/13	3,300 J	2.5 J	150 J	27 J
(Dup)	8/12/13	3,200 J	2.5 J	140 J	25 J
	2/10/14	2400	1.7	110	14
	8/14/14	3600	<5.0	210	22
(Dup)	8/14/14	3100	<20	220	23
	2/11/15	1200	3.5 J	51	14
	8/11/15	1600	<10	7.9 J	17

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MW-27	2/17/09	12,000	<50	1,300	420
	8/10/09		Not Sampled -- LNAPL		
	4/4/11		Not Sampled -- LNAPL		
	8/8/11		Not Sampled -- LNAPL		
	2/6/12		Not Sampled -- LNAPL		
	8/7/12		Not Sampled -- LNAPL		
	2/5/13		Not Sampled -- LNAPL		
	8/5/13		Not Sampled -- LNAPL		
	2/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
			Not Sampled -- LNAPL		
			Not Sampled -- LNAPL		
MW-29	2/4/09	490	5	170	140
	8/13/09	49	<1.0	51	29
	2/15/10	130	<1.0	190	58
DUP-1	2/15/10	120	<1.0	180	58
	8/23/10	78	1	59	33
	4/7/11	250	<1.0	510	3.7
	8/10/11	190	<5.0	230	<15
DUP-1	8/10/11	180	<1.0	230	<3.0
	2/9/12	100	<5.0	250	15
	8/8/12	130 J	1.5 J	170 J	30 J
	2/8/13	86 J	1.5 J	160 J	79 J
	2/8/13	84 J	1.4 J	150 J	77 J
	8/8/13	60 J	<1.0	48 J	28 J
	2/6/14	110 J	<7.0	88 J	7.4 J
	8/11/14	80 J	1.1 J	63 J	14 J
	2/9/15	240 J	<1.0	27 J	3.5 J
	8/5/15	86	0.9 J	4.3	1.9
MW-30	2/4/09	75	<1.0	10	<3.0
	8/13/09	1.9	<1.0	<1.0	<3.0
	2/15/10	1.4	<1.0	<1.0	<3.0
	8/23/10	<1.0	<1.0	<1.0	<3.0
	4/6/11	1.7	<1.0	<1.0	<3.0
	8/10/11	320	<1.0	7.3	<3.0
	2/8/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	1.5	<1.0	<1.0	<3.0
	2/11/13	9.8	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	2/7/14	0.9 J	<1.0	<1.0	1.5
	8/11/14	<1.0	<1.0	<1.0	<1.0
	2/10/15	0.5 J	<1.0	<1.0	<1.0
	8/5/15	4.3	<1.0	0.2 J	<1.0
MW-31	2/9/09	3,700	1.9	330	6.7
	8/14/09	2,000	<5.0	180	<15
	2/15/10	1,700	<1.0	190	3
	8/10/10	1,400	<1.0	130	4.7
	4/7/11	1,300	<1.0	200	<3.0
	8/15/11	1,300	<5.0	190	<15
	2/8/12	230	<1.0	190	4.5
	8/9/12	340 J	<1.0	190 J	10 J
	2/6/13	14	<1.0	17	<5.0
	8/6/13	9.4 J	<1.0	29 J	<3.0
	2/7/14	0.4 J	<1.0	<1.0	<2.0
	8/12/14	<20	<1.0	<1.0	<2.0
	2/3/15	0.5 J	<1.0	<1.0	<1.0
	8/6/15	<1.0	<1.0	<1.0	0.6 J
(Dup)	8/6/15	<1.0	<1.0	<1.0	0.6 J

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MW-32	2/4/09	20	1.2	17	14
	8/12/09	2.8	<1.0	<1.0	<3.0
	2/12/10	<1.0	<1.0	<1.0	<3.0
	8/9/10	38	2.8	25	8.6
	4/6/11	43	1.3	16	<3.0
	8/10/11	99	1.8	19	5.5
	2/8/12	400	1.4	13	12
	8/8/12	1,400 J	1.8 J	7.3 J	21 J
	2/7/13	1800 J	1.9 J	5.0 J	7.2 J
	8/8/13	2000 J	2.0 J	3.2 J	8.8 J
	2/7/14	4200	2.2 J	9.5 J	16 J
	8/11/14	3600	<5.0	7.6	91
	2/9/15	3700	15 J	6.4 J	85
	(Dup) 2/9/15	3500	16	5.8 J	87
	8/5/15	6500	3.0 J	5.1 J	15
MW-34	2/4/09	84	34	240	240
	8/13/09	26	17	150	210
	2/16/10	28	17	120	180
	8/23/10	<50	1.2	81	90
	4/6/11	170	9.9	160	190
	8/10/11	160	5.6	200	250
	8/10/11	160	7.4	200	250
	2/8/12	560	2.4	180	190
	8/8/12	1,100	1.2	120	100
	2/7/13	910 J	1.0 J	84 J	46 J
	8/8/13	1400 J	1.2 J	80 J	51 J
	2/6/14	1200	<1.0	16 J	7.7 J
	2/6/14	1200	0.4 J	14	6.9
	8/11/14	1500	<1.0	21	6.8
	2/10/15	870	<5.0	3.0 J	<5.0
	8/4/15	1500	<1.0	7.1 J	2.5 J
West Side Shallow LNAPL Recovery Wells					
RW-1	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/14/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
RW-2	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/14/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
RW-3	3/9/09		Not Sampled -- LNAPL		
	8/10/09		Not Sampled -- LNAPL		
	4/4/11		Not Sampled -- LNAPL		
	8/8/11		Not Sampled -- LNAPL		
	2/6/12		Not Sampled -- LNAPL		
	8/14/12		Not Sampled -- LNAPL		
	2/5/13		Not Sampled -- LNAPL		
	8/5/13		Not Sampled -- LNAPL		
	2/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
RW-4	3/9/09		Not Sampled -- LNAPL		
	8/10/09		Not Sampled -- LNAPL		
	4/4/11		Not Sampled -- LNAPL		
	8/8/11		Not Sampled -- LNAPL		
	2/6/12		Not Sampled -- LNAPL		
	8/14/12		Not Sampled -- LNAPL		
	2/5/13		Not Sampled -- LNAPL		
	8/5/13		Not Sampled -- LNAPL		
	2/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
RW-5	3/9/09		Not Sampled -- LNAPL		
	8/10/09		Not Sampled -- LNAPL		
	4/4/11		Not Sampled -- LNAPL		
	8/8/11		Not Sampled -- LNAPL		
	2/6/12		Not Sampled -- LNAPL		
	8/14/12		Not Sampled -- LNAPL		
	2/5/13		Not Sampled -- LNAPL		
	8/5/13		Not Sampled -- LNAPL		
	2/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
MW-28	3/9/09		Not Sampled -- LNAPL		
	8/10/09		Not Sampled -- LNAPL		
	4/4/11		Not Sampled -- LNAPL		
	8/8/11		Not Sampled -- LNAPL		
	2/6/12		Not Sampled -- LNAPL		
	8/14/12		Not Sampled -- LNAPL		
	2/5/13		Not Sampled -- LNAPL		
	8/5/13		Not Sampled -- LNAPL		
	2/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		
	8/5/14		Not Sampled -- LNAPL		

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard ²		10	750	750	620
East Side Shallow LNAPL Recovery Wells					
MW-5	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	4/4/11	No Access - Construction on Site			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/7/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
MW-20	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/7/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
Shallow Temporary Monitor Wells					
TMW-1	2/10/09	18	1.8	9.7	3.7
	8/12/09	<1.0	<1.0	<1.0	<3.0
	2/12/10	34	1.1	1.3	6.1
	8/9/10	9	<1.0	<1.0	4.4
	4/6/11	<1.0	<1.0	<1.0	<3.0
	8/9/11	<1.0	<1.0	<1.0	<3.0
	2/15/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/7/13	4.0	<1.0	<1.0	<3.0
	8/12/13	<1.0	<1.0	<1.0	<3.0
	2/5/14	<1.0	<1.0	<1.0	1.8
	8/12/14	<1.0	<1.0	<1.0	<1.0
	2/5/15	14	<1.0	0.4 J	1.8
	8/10/15	1 J	<1.0	<1.0	<1.0
TMW-2	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/6/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			

TABLE 8
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
TMW-3	2/17/09	Not Sampled -- No Access			
	8/10/09	Not Sampled -- LNAPL			
	2/17/10	4	<1.0	0.2	<3.0
	8/12/10	3	<1.0	2.2	9.3
	4/8/11	4.3	<1.0	1.6	<3.0
	8/16/11	1.8	<1.0	<1.0	<3.0
	2/15/12	<1.0	<1.0	<1.0	<3.0
	8/14/12	6.6	<1.0	3.1	9.2
	2/7/13	2.5	<1.0	1.2	5.0
	8/9/13	6.4	<1.0	1.4	<3.0
	2/6/14	18	0.3 J	1.5	7.3
	8/13/14	3.8	<1.0	<1.0	<1.0
	2/11/15	34	0.4 J	1.8	<3.0
	8/11/15	17	0.3 J	1.9	3.1
TMW-5	2/18/09	2,200	7.2	110	41
	8/10/09	4,700	1.2	140	5.3
	2/10/10	4,400	<1.0	210	15
	8/11/10	2,800	<1.0	180	<30
	8/11/10	3,100	1.2	190	5
	4/7/11	1,900	<1.0	180	3.4
	8/9/11	1,400	<1.0	100	15
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/5/13	Not Sampled			
	8/5/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
	8/5/14	Not Sampled			
TMW-6	2/17/09	3,700	<25	420	210
	8/11/09	3,800	2.1	200	8.5
	2/16/10	2,600	1.5	350	11
	4/7/11	2,500	<1.0	310	4.8
	8/9/2011	4,700	2.8	400	25
	2/10/12	600	6.3	140	29
	8/14/12	4,900	<5.0	640	29
	2/11/13	4900	3.5	470	31
	8/9/13	1400	<1.0	230 J	7.8 J
	2/6/14	1700	<1.0	570	22
	8/13/14	8.1	<1.0	3.5	<5.0
	2/11/15	2600	<20	6.5 J	23
	8/11/15	3600 J	1.7 J	6.5 J	4.1 J

Notes:

1. BTEX analyzed by EPA Method 8021B.
2. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A
3. ug/L (ppb) - micrograms per liter (parts per billion)
4. LNAPL - Light non-aqueous phase liquid
5. Bold indicates that a COC was detected.
6. Shading indicates that a detected result exceeded the NMWQCC Standard.
7. J - Result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
Deep Monitor Wells					
MWD-1	2/11/09	3.7	<1.0	3.1	<3.0
	8/6/09	1.9	<1.0	<1.0	<3.0
	2/8/10	1.2	<1.0	<1.0	<3.0
	8/4/10	5	<1.0	<1.0	<3.0
	4/14/11	4.5	<1.0	<1.0	<3.0
	8/17/11	5.4	<1.0	1.9	<3.0
	2/13/12	<1.0	<1.0	<1.0	<3.0
	2/13/12	<1.0	<1.0	<1.0	<3.0
	8/13/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
	2/6/15	<1.0	<1.0	<1.0	<1.0
	8/6/15	<1.0	<1.0	<1.0	<1.0
MWD-2	2/10/09	6.2	1	3.6	<3.0
	8/12/09	3.5	<1.0	1.2	<3.0
	2/8/10	1.6	<1.0	<1.0	<3.0
	8/5/10	1.4	<1.0	<1.0	<3.0
	8/5/10	1.6	<1.0	<1.0	<3.0
	4/15/11	7.8	<1.0	<1.0	<3.0
	8/17/11	2.6	<1.0	<1.0	<3.0
	2/14/12	<1.0	<1.0	<1.0	<3.0
	8/10/12	<1.0	<1.0	<1.0	<3.0
	2/5/13	<1.0	<1.0	<1.0	<3.0
	2/5/13	<1.0	<1.0	<1.0	<3.0
	8/8/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	3.4	1.5	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
	2/4/15	<1.0	<1.0	<1.0	<1.0
	8/10/15	<1.0	<1.0	<1.0	<1.0
MWD-4	2/5/09	2.8	1	11	9.2
	8/6/09	1	<1.0	<1.0	<3.0
	2/5/10	8.1	<1.0	1.3	<3.0
	8/20/10	<1.0	<1.0	<1.0	<3.0
	4/14/11	4.5	<1.0	1.4	<3.0
	8/17/11	5.7	<1.0	2.4	<3.0
	2/9/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/6/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/5/14	<1.0	<1.0	<1.0	<1.0
	2/3/15	<1.0	<1.0	<1.0	<1.0
	8/7/15	<1.0	<1.0	<1.0	<1.0
MWD-5	2/12/09	5,000	63	470	110
	8/12/09	5,700	<250	<250	<750
	2/9/10	4,800	<400	<250	<750
	8/6/10	3,500	1.8	280	58
	4/15/11	4,600	<250	420	<750
	8/15/11	4,400	56	450	49

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
(Dup)	2/6/12	Not Sampled			
	8/8/12	5,000	<25	200	150
	2/8/13	5800	5.3 J	310 J	86 J
	8/8/13	4800 J	2.4 J	180 J	27 J
	8/8/13	4800	<20 J	190	<60 J
	2/7/14	5500 J	2.1 J	33 J	47 J
	8/11/14	<5000	<5000	<5000	<5000
	2/9/15	5800	7.7 J	95	120
	8/5/15	7400	3.5 J	35 J	73 J
MWD-6	2/12/09	5.8	<1.0	8.3	<3.0
DUP-1	8/7/09	71	<1.0	61	4.9
	8/7/09	69	<1.0	59	<6.0
	2/5/10	370	<1.0	43	6.1
	8/20/10	160	<1.0	44	6.5
	4/15/11	270	<1.0	2.9	<3.0
DUP	8/15/11	170	<1.0	100	4.0
	2/9/12	1.9	<1.0	<1.0	<3.0
	8/8/12	84	<1.0	21	3.7
	8/8/12	86	<1.0	26	3.9
	2/8/13	3.2	<1.0	15	<3.0
	8/7/13	3.4	<1.0	6.2	<3.0
	2/6/14	32	0.3 J	20	2.8
	8/8/14	<1.0	<1.0	5.4	<2.0
	2/9/15	12	0.3 J	17	<1.3
	8/4/15	<1.0	0.2 J	2.8	0.3 J
MWD-7	2/11/09	2.3	<1.0	2.8	<3.0
(Dup)	8/6/09	2.9	<1.0	<1.0	<3.0
	2/8/10	<1.0	<1.0	<1.0	<3.0
	8/4/10	11	<1.0	1.2	<3.0
	4/14/11	9.4	<1.0	2.3	<3.0
	8/17/11	4.5	<1.0	1.8	<3.0
	2/16/12	<1.0	<1.0	<1.0	<3.0
	8/13/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
	2/6/15	<1.0	<1.0	<1.0	<1.0
(Dup)	2/6/15	<1.0	<1.0	<1.0	<1.0
(Dup)	8/12/15	<1.0	<1.0	<1.0	<1.0
MWD-8	2/10/09	7	1.4	4.8	<3.0
(Dup)	8/11/09	3.3	<1.0	2.2	4.7
	2/8/10	1.2	<1.0	<1.0	<3.0
	8/5/10	1.1	<1.0	<1.0	<3.0
	4/15/11	4.1	<1.0	<1.0	<3.0
	8/17/11	4.4	<1.0	1.8	<3.0
	2/13/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/8/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
	2/4/15	<1.0	<1.0	<1.0	<1.0
	2/4/15	<1.0	<1.0	<1.0	<1.0
	8/6/15	<1.0	<1.0	<1.0	<1.0

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MWD-10	2/12/09	700	<1.0	100	18
	8/10/09	700	<1.0	67	13
DUP-2	8/10/09	700	1.1	70	14
	2/9/10	1,100	<1.0	40	<3.0
	4/15/11		Not Sampled - LNAPL		
	8/19/11	810	<1.0	76	8.5
	2/6/12		Not Sampled		
	8/7/12		Not Sampled		
	2/5/13		Not Sampled		
	8/5/13		Not Sampled		
	2/5/14		Not Sampled		
	8/5/14		Not Sampled		
MWD-11	2/10/09	13	3.8	6.6	<3.0
	8/12/09	3.5	<1.0	1.2	<3.0
	2/8/10	<1.0	<1.0	<1.0	<3.0
	8/5/10	<1.0	<1.0	<1.0	<3.0
	4/15/11	4.2	<1.0	<1.0	<3.0
DUP-4	4/15/11	4.3	<1.0	<1.0	<3.0
	8/19/11	4.0	<1.0	1.4	<3.0
DUP-3	8/19/11	3.4	<1.0	1.4	<3.0
	2/10/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
DUP	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/5/13	<1.0	<1.0	<1.0	<3.0
	8/9/13	<1.0	<1.0	<1.0	<3.0
DUP	8/9/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/5/14	<1.0	<1.0	<1.0	<1.0
	2/5/15	<1.0	<1.0	<1.0	<1.0
	8/10/15	<1.0	<1.0	<1.0	<1.0
MWD-12	2/10/09	900	<5.0	69	25
	8/6/09	660	1.5	41	12
	2/5/10	700	1.2	51	12
	8/4/10	640	1.2	40	9.3
	4/14/11	780	1.3	57	13
	8/17/11	720	1.9	49	12
	2/10/12	1.7	<1.0	<1.0	<3.0
	8/9/12	1,000	1.1	45	13
	2/11/13	660	<1.0	31	8.3
	8/8/13	930	<1.0	44	13
	2/6/14	1300	0.9 J	54	11
	8/11/14	160	<1.0	17	<1.0
(Dup)	8/11/14	160	<1.0	17	<1.0
	2/9/15	5.8	<1.0	9.5	3.8
	8/5/15	6.9	0.3 J	85	8.7

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MWD-13	2/5/09	1.2	<1.0	3.6	3.1
DUP-1	2/5/09	1.2	<1.0	3.6	3.1
	8/7/09	1.1	<1.0	<1.0	<3.0
	2/5/10	2.7	<1.0	<1.0	<3.0
	8/20/10	<1.0	<1.0	<1.0	<3.0
	4/15/11	3.6	<1.0	<1.0	<3.0
	8/17/11	9.8	<1.0	2.9	<3.0
	2/9/12	<1.0	<1.0	<1.0	<3.0
	8/10/12	<1.0	<1.0	<1.0	<3.0
	2/8/13	<1.0	<1.0	<1.0	<3.0
	8/6/13	11	<1.0	<1.0	<3.0
	2/5/14	3.1	<1.0	<1.0	<1.0
	8/5/14	<1.0	<1.0	<1.0	<1.0
	2/5/15	<1.0	<1.0	<1.0	<1.0
	8/7/15	<1.0	<1.0	<1.0	<1.0
MWD-14	2/12/09	1,400	<5.0	16	<15
	8/10/09	1,600	1.6	31	18
	2/9/10	1,400	<1.0	13	7.8
	8/5/10	1,300	<1.0	31	20
	4/15/11	Not Sampled			
DUP-4	8/19/11	730 E	1.4	11	17
	8/19/11	1,400	1.2	12	18
	2/17/12	1,200	<1.0	100	74
DUP-4	2/17/12	1,300	<5.0	98	66
	8/9/12	1,600 J	1.0 J	190 J	100 J
	2/8/13	1200	1.2 J	310 J	98 J
	8/8/13	1700	1.1 J	460	92 J
	2/6/14	1100	0.4 J	170	29
	8/13/14	1900 J	<1.0	580 J	63 J
	2/11/15	1300	<10	210	41
	8/5/15	1000	<10	400	90
MWD-15	2/12/09	440	1.4	210	56
DUP-3	2/12/09	420	1.4	210	55
	8/12/09	300	1.1	120	29
	2/8/10	360	<1.0	23	4.6
	8/5/10	240	<1.0	28	<5.0
	4/15/11	280	1.3	14	<3.0
	8/19/11	150	<1.0	93	64
	2/17/12	<230	1.0	7.6	<3.0
	8/9/12	<1.0	<1.0	2.3	8.9
	2/8/13	20	<1.0	20	18
	8/8/13	1.3	<1.0	6.1	12
	2/5/14	0.2 J	<1.0	1.7	11
	8/12/14	<1.0	<1.0	<1.0	1.9
	2/4/15	12	<1.0	19	35
	8/11/15	1.1	<1.0	0.4 J	0.7 J
(Dup)	8/11/15	0.8 J	<1.0	0.4 J	<5.0 J

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
MWD-16	2/12/09	770	1.6	300	170
	8/10/09	660	2.1	280	160
	2/9/10	760	2	340	180
	8/5/10	700	1.9	280	140
	4/4/11	Not Sampled			
	8/8/11	No Access - Construction on Site			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/5/13	Not Sampled			
	8/8/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			
		Not Sampled			
		Not Sampled			
		Not Sampled			
MWD-17	2/12/09	2,400	<5.0	34	22
	8/12/09	3,200	7	68	45
	2/9/10	1,800	4.6	100	37
	8/6/10	2,100	<5.0	71	36
	4/15/11	1,900	<5.0	110	38
	8/16/11	2,200	4.0	140	54
	2/21/12	1,500	<1.0 J	220	<3.0 J
	8/14/12	1,200	1.2	47	15
	2/11/13	2600	5.4	520	220
	8/8/13	5100 J	4.1 J	20 J	20 J
	2/6/14	1600	<2.0	240	43
	8/12/14	210 J	8.1 J	14 J	18 J
	2/10/15	260	0.2 J	9.9	<5.0
	8/12/15	130	<1.0	16	<5.0
Water Wells					
WW-1	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
WW-2	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			
WW-3	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			
WW-4	2/3/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
WW-5	2/3/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			
WW-6	2/3/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			
WW-7	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
		Not Sampled			

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
Deep Chloride Recovery Wells					
MWD-3	2/11/09	4,100	<20	160	87
	8/18/09	4,100	<10	120	<30
	2/2/10	2,400	9.5	88	44
	8/3/10	2,100	<10	81	32
	4/15/11		Not Sampled - Pump		
	8/9/11		Not Sampled - Pump		
	2/6/12		Not Sampled - Pump		
	8/7/12		Not Sampled - Pump		
	2/5/13		Not Sampled - Pump		
	8/5/13		Not Sampled - Pump		
	2/5/14		Not Sampled - Pump		
	8/5/14		Not Sampled - Pump		
			Not Sampled - Pump		
			Not Sampled - Pump		
MWD-9	2/11/09	10	<1.0	1.4	<3.0
	8/17/09	13	<1.0	1	<3.0
	2/2/10	15	<1.0	1.2	<3.0
	8/3/10	8.6	<5.0	<5.0	<15
	4/15/11		Not Sampled - Pump		
	8/9/11		Not Sampled - Pump		
	2/6/12		Not Sampled - Pump		
	8/7/12		Not Sampled - Pump		
	2/5/13		Not Sampled - Pump		
	8/5/13		Not Sampled - Pump		
	2/5/14		Not Sampled - Pump		
	8/5/14		Not Sampled - Pump		
			Not Sampled - Pump		
			Not Sampled - Pump		
(Dup)	8/13/15	24	0.8 J	2.0	2.4
	8/13/15	26	0.8 J	2.0	2.8
RW-6	2/11/09	15	4.9	4.8	7.4
	8/17/09	23	7.8	9.5	11
	2/2/10	16	3.6	4	6.7
	8/3/10	30	4.6	8.5	19
	4/15/11		Not Sampled - Pump		
	8/9/11		Not Sampled - Pump		
	2/6/12		Not Sampled - Pump		
	8/7/12		Not Sampled - Pump		
	2/5/13		Not Sampled - Pump		
	8/9/13	<8.0	<1.0	3.8	23
	2/5/14	<25	0.4 J	7.5	25
	8/7/14	<30	<1.0	6.4	6.7
	2/10/15	<31	0.5 J	40	35
	8/12/15	<1.0	<1.0	<1.0	5.0

TABLE 9
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L) ³	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard²		10	750	750	620
RW-7	2/12/09	13	5.3	3.7	3.4
	8/17/09	17	1.5	4.5	3.8
	2/2/10	16	1.3	5.7	4.6
	8/3/10	18	<1.0	3.5	18
	4/15/11		Not Sampled - Pump		
	8/9/11		Not Sampled - Pump		
	2/6/12		Not Sampled - Pump		
	8/7/12		Not Sampled - Pump		
	2/5/13		Not Sampled - Pump		
	8/9/13	330	<1.0	<1.0	<3.0
	2/5/14	54	<1.0	<1.0	0.4 J
	8/7/14	<1.0	<1.0	<1.0	<1.0
	2/10/15	0.2 J	<1.0	<1.0	<1.0
	8/12/15	<1.0	<1.0	<1.0	<1.0
RW-8	2/12/09	95	5	19	220
	10/1/09	19	1.4	7.1	110
	2/9/10	57	2.4	23	190
	8/20/10	17	<1.0	2.7	<3.0
	4/15/11		Not Sampled - Pump		
	8/9/11		Not Sampled - Pump		
	2/6/12		Not Sampled - Pump		
	8/7/12		Not Sampled - Pump		
	2/5/13		Not Sampled - Pump		
	8/8/13	<1.0	<1.0	2.9	23
	2/5/14	0.4 J	<1.0	2.2	27
	(Dup) 2/5/14	0.4 J	<1.0	2.3	27
	8/7/14	<1.0	<1.0	<2.0	<3.0
	2/5/15	<1.0	<1.0	<1.0	1.6
	8/10/15	<1.0	<1.0	<1.0	2.2
	(Dup) 8/10/15	<1.0	<1.0	<1.0	2.4

Notes:

1. BTEX analyzed by EPA Method 8021B.
2. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103
3. ug/L (ppb) - micrograms per liter (parts per billion)
4. NA - Not Analyzed
5. LNAPL - Light non-aqueous phase liquid
6. Bold indicates that a COC was detected.
7. Shading indicates that a detected result exceeded the NMWQCC Standard.
8. J - Result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
Shallow Monitor Wells			
MW-1	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
MW-2	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
MW-3 DUP-3	2/9/09	110	685
	8/13/09	423	706
	2/16/10	86.7	667
	8/10/10	95	694
	4/7/11	120	675
	4/7/11	98.1	706
	8/9/11	134	784
	2/10/12	105	740
	8/9/12	133	744
	2/7/13	85.4 J	756
	8/12/13	80.2	732
	2/4/14	75.0	709
	8/5/14	59.9	669
	2/3/15	68.5	667
	8/6/15	71.5	690
MW-4 DUP-2	2/11/09	4190	9220
	2/11/09	4,900	9,800
	8/12/09	3,600	6,940
	2/12/10	3,480	5,790
	8/6/10	3,100	6,110
	4/6/11	Not Sampled	
	8/10/11	3,610	6,680
	2/14/12	1,180	8,480
	8/10/12	3,230 J	6,090
	2/7/13	2,420 J	4,910
	8/8/13	3,040 J	5,310
	2/5/14	2290	4920
	8/12/14	3910	6880
	2/4/15	2490	4650
	8/10/15	2300	4720

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MW-6 (DUP)	2/5/09	5,050	10,700
	8/7/09	748	3,160
	2/9/10	867	2,950
	8/5/10	1,070	3,940
	4/6/11	913	2,940
	8/9/11	973	3,180
	2/9/12	1,050	3,400
	8/10/12	2,190 J	5,980
	2/7/13	1,170 J	4,120
	2/7/13	1,210 J	4,040
	8/6/13	1,910	5,990
	2/5/14	2030 J	5620
	8/5/14	3810	8280
	2/5/15	825	3450
	8/7/15	1020	3960
MW-7	2/5/09	97.1	1,060
	8/6/09	51.3	1,010
	2/9/10	38.4	1,000
	8/5/10	33.6	1,030
	4/6/11	101	894
	8/9/11	35.7	876
	2/9/12	40.9	884
	8/9/12	71.1	1,040
	2/6/13	41.3 J	1,180
	8/6/13	56.4	1,370
	2/4/14	44.8	1420
	8/5/14	46.7	1420
	2/3/15	49.3	1150
	8/7/15	78.1	1400
MW-8 DUP (DUP)	2/2/09	Not Sampled	
	8/6/09	1,310	4,010
	2/5/10	1,230	3,710
	8/4/10	1,420	3,690
	4/6/11	1,230	3,270
	8/8/11	1,250	3,130
	2/8/12	1,350	3,420
	8/8/12	1,260	3,280
	8/8/12	1,310 J	3,380
	2/7/13	1,440 J	3780
	2/6/13	874 J	1,640
	8/8/13	1,550	4,020
	2/5/14	1810 J	4260
	8/8/14	1720	4110 J
	2/5/15	1630	4000
	8/5/15	1260 J	4100 J
MW-9	2/12/09	560	1,720
	8/14/09	802	1,540
	2/15/10	536	1,640
	8/23/10	583	1,680
	4/7/11	608	1,640
	8/10/11	544	1,710
	2/9/12	525	1,680
	8/8/12	492	1,730
	2/11/13	580 J	1,970
	8/7/13	504	1,710
	2/7/14	490	1600
	8/8/14	602	1770 J
	2/9/15	576	1640
	8/4/15	504 J	1680 J

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard ³		250	1,000
MW-10	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
		Not Sampled -- LNAPL	
MW-11	2/18/09	Not Sampled -- No Access	
	8/10/09	Not Sampled -- LNAPL	
	2/17/10	337	1,410
	8/12/10	406	1,540
	4/8/11	425	1,550
	8/16/11	422	1,350
	2/16/12	260	1,390
	8/14/12	304 J	1,200
	2/11/13	192	1180
	8/12/13	199	1150
	2/7/14	195	1050
	8/13/14	277	1340
	2/11/15	144	696
	8/11/15	97.8	798
MW-12	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
(DUP)	2/9/09	374	1,170
	8/11/09	340	1,160
	2/12/10	562	1,100
	8/6/10	337	1,010
	4/6/11	426	1,120
	8/15/11	454	1,080
	2/8/12	379	1,090
	8/9/12	439	1,140
	2/6/13	348 J	1,000
	8/6/13	372	1,380
	8/6/13	377	1,250
	2/4/14	830	1100
	8/7/14	366	1160
	2/3/15	366	828
	8/6/15	381	1040 J

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MW-14	2/9/09	421	1,280
	8/6/09	429	1,500
	2/5/10	573	1,550
	8/4/10	485	1,540
	4/6/11	512	1,460
	8/8/11	595	1,750
	2/8/12	475	1,620
	8/9/12	553	1,760
	2/6/13	556 J	1,510
	8/6/13	580	1,770
	2/4/14	597	1500
	8/7/14	558	1700 J
	8/7/14	530	1580
	2/3/15	504	1260
(Dup)	8/6/15	475	1380 J
MW-15	2/9/09	2,370	5,250
	8/12/09	2,560	4,810
	2/8/10	1,970	4,520
	8/9/10	1,270	3,230
	4/7/11	3,310	4,260
	8/9/11	1,840	3,820
	2/15/12	1,020	3,190
	2/15/12	778	3,620
	8/13/12	1,540 J	3,000
	2/7/13	1,340 J	3,250
	8/7/13	1,320	3,310
	2/6/14	2610 J	3010
	8/14/14	1340	3160
	2/10/15	1150	2160
	8/13/15	1180	2920
MW-16	2/9/09	1,830	3,790
	8/6/09	1,570	3,970
	2/8/10	1,820	3,750
	8/4/10	1,840	3,950
	4/7/11	1,830	3,380
	8/9/11	1,790	3,230
	2/15/12	1,270	3,940
	8/13/12	1,750 J	3,530
	2/6/13	1,590 J	3,450
	8/7/13	1,650	3,790
	2/6/14	1730 J	4200
	8/14/14	1560	3880
	2/10/15	1390	2760
	8/13/15	1560	3480
MW-17	2/11/09	4,160	8,240
	8/11/09	3,100	7,680
	2/10/10	1,260	3,110
	8/6/10	2,910	7,030
	4/7/11	697	2,140
	8/10/11	3,050	6,270
	2/14/12	3,950	10,800
	8/13/12	5,490 J	7,580
	2/7/13	1,820 J	4,000
	8/7/13	3,430	7,280
	8/7/13	3,310	7,360
	2/5/14	2730	5640
	8/12/14	3120	6130
	2/6/15	2050	2890
(DUP)	8/12/15	2220	5640

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MW-18	2/10/09	2,570	4,880
	8/10/09	1,070	2,740
	2/10/10	457	1,440
	8/5/10	1,340	2,970
	4/7/11	1,170	2,280
	8/10/11	532	1,510
	2/13/12	907	2,250
	8/9/12	598	1,580
	2/6/13	699 J	1,540
	8/7/13	700	1,620
	2/4/14	474	1260
	8/6/14	533	1260
	2/4/15	401	1080
	8/6/15	406	1130
MW-19	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	8/10/10	4,070	8,300
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	No Access - Construction	
	2/6/12	Not Sampled -- LNAPL	
	8/9/12	4,050	8,440
	8/9/12	4,360 J	8,880
	2/8/13	4,030	9,000
	8/9/13	4,080	8,740
MW-21 (Dup)	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	8/11/10	834	2,370
	4/4/11	Not Sampled	
	8/8/11	No Access - Construction	
	2/6/12	Not Sampled	
	8/14/12	856 J	2,320
	2/11/13	857	2,430
	8/9/13	913 J	2,030
	2/7/14	945	2480
MW-22 DUP	2/11/09	6,400	9,840
	8/13/09	2,990	6,480
	2/17/10	2,770	5,520
	8/10/10	2,150	5,000
	8/10/10	2,420	4,990
	4/7/11	6,270	10,500
	8/11/11	5,120	8,360
	2/15/12	10,100	26,600
	8/13/12	4,660 J	6,050
	2/8/13	10,500	20,000
	8/12/13	6,840	13,000
	2/7/14	945	2,480
	2/7/14	853	2,540
	8/13/14	6,540	10,400
	2/6/15	3060	3720
	8/12/15	2570	6240

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MW-23	2/11/09	12,100	21,000
	8/7/09	8,860	17,800
	2/9/10	9,770	17,400
	8/5/10	7,960	14,400
	4/6/11	7,640	13,000
	4/6/11	7,660	12,900
	8/9/11	6,360	11,200
	2/15/12	1,590	15,000
	8/14/12	8,360 J	16,000
	2/7/13	8,080 J	12,000
	8/8/13	10,200 J	16,300
	2/6/14	9750	17300
	8/12/14	7610	12400
	2/3/15	6740	10500
	8/12/15	5680	13700
MW-24	2/18/09	371	1,390
	8/10/09	Not Sampled -- LNAPL	
	2/16/10	201	1,340
	8/12/10	175	1,450
	4/6/11	202	1,210
	8/10/11	84.7	944
	2/16/12	70.2	1,030
	8/13/12	66.0 J	854
	2/11/13	74.1	988
	8/9/13	202	1,250
	2/7/14	184	1040
	8/13/14	282	1170
	8/13/14	279	1330
	2/11/15	305	1160
	8/11/15	301	1340
MW-25	2/12/09	2,630	6,470
	8/14/09	1,940	4,570
	2/17/10	4,180	7,280
	8/11/10	1,290	3,430
	8/11/10	1,310	3,470
	4/7/11	2,890	6,060
	8/11/11	2,900	5,880
	2/15/12	2,900	6,620
	2/15/12	1,350	6,460
	8/13/12	2,830 J	9,480
	2/8/13	2,840	6,310
	8/12/13	2,960	5,120
	2/10/14	2470	5120
	8/13/14	2540	5210
	2/11/15	2510	5020
	2/11/15	2260	4870
	8/11/15	2170	5070
MW-26	2/17/09	295	1,330
	8/10/09	Not Sampled -- LNAPL	
	2/16/10	297	1,380
	8/11/10	240	1,280
	4/7/11	354	1,290
	8/9/11	360	1,440
	2/17/12	256	1,350
	8/13/12	233 J	1,340
	2/8/13	259	1,380
	8/12/13	312	1,290
	8/12/13	277	1,330
	2/10/14	270	1390
	8/14/14	263	1260
	8/14/14	268	1240
	2/11/15	320	1200
	8/11/15	260	1320

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MW-27	2/17/09	1,000	2,390
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/17/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
MW-29	2/4/09	661	1,840
	8/13/09	916	1,510
	2/15/10	389	1,470
DUP-1	2/15/10	434	1,460
	8/23/10	365	1,380
	4/7/11	371	1,420
	8/10/11	344	1,470
DUP-1	8/10/11	377	1,490
	2/9/12	241	1,270
	8/8/12	186	1,230
	2/8/13	151 J	1,140
(DUP)	2/8/13	150 J	1,180
	8/8/13	126	874
	2/6/14	103 J	856
	8/11/14	101	870
	2/9/15	135	850
	8/5/15	91.9 J	930
MW-30	2/4/09	412	1,380
	8/13/09	795	1,250
	2/15/10	365	1,240
	8/23/10	374	1,210
	4/6/11	455	1,330
	8/10/11	509	1,470
	2/8/12	403	1,340
	8/9/12	372	1,260
	2/11/13	423 J	1,520
	8/7/13	365	1,370
	2/7/14	342	1,240
	8/11/14	349	1,350
	2/10/15	312	1,120
	8/5/15	344 J	1,320 J
MW-31	2/9/09	454	1,400
	8/14/09	844	1,500
	2/15/10	507	1,380
	8/10/10	496	1,420
	4/7/11	769	1,600
	8/15/11	666	1,510
	2/8/12	403	1,340
	8/9/12	372	1,260
	2/6/13	414 J	1,120
	8/6/13	464	1,530
	2/7/14	571	1,290
	8/12/14	453	1,260
	2/3/15	476	1,110
	8/6/15	424	1,290 J
(Dup)	8/6/15	461	1,380 J

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MW-32	2/4/09	1,540	3,910
	8/12/09	2,180	3,770
DUP-1	2/12/10	1,370	3,810
	8/9/10	1,860	3,750
	4/6/11	2,080	3,990
	4/6/11	1,870	3,900
	8/10/11	2,040	3,790
	2/8/12	656	2,980
	8/8/12	1,170	3,040
	2/7/13	1,200 J	3,070
	8/8/13	1,220	2,830
	2/7/14	1340	3000
(Dup)	8/11/14	1360	3310
	2/9/15	1360	2550
	2/9/15	1400	2490
	8/5/15	1220 J	3010 J
MW-34	2/4/09	73.3	569
	8/13/09	93.2	697
DUP-2	2/16/10	226	942
	8/23/10	206	1,030
	4/6/11	385	1,230
	8/10/11	392	1,410
	8/10/11	437	1,340
	2/8/12	431	1,160
	8/8/12	300	1,450
	2/7/13	322 J	1,580
	8/8/13	298	1,340
	2/6/2014	394 J	1540
(Dup)	2/6/14	268 J	1370
	8/11/14	293	1410
	2/10/15	269	1330
	8/4/15	272 J	1540 J
West Side Shallow LNAPL Recovery Wells			
RW-1	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/14/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
RW-2	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/14/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard ³		250	1,000
RW-3	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/14/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
RW-4	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/14/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
RW-5	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	No Access - Construction	
	2/6/12	Not Sampled -- LNAPL	
	8/14/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
MW-28	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/14/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
East Side Shallow LNAPL Recovery Wells			
MW-5	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	No Access - Construction	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard ³		250	1,000
MW-20	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	No Access - Construction	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
Temporary Monitor Wells			
TMW-1	2/10/09	1,840	3,620
	8/12/09	1,070	2,130
	2/12/10	369	1,130
	8/9/10	368	1,130
	4/6/11	2,290	4,430
	8/9/11	1,990	3,440
	2/15/12	1,170	3,310
	8/9/12	1,210	2,380
	2/7/13	1,060 J	2,500
	8/12/13	1,100	2,250
	2/5/14	1090 J	2610
	8/12/14	875	1930
	2/5/15	833	1710
	8/10/15	842	1990
TMW-2	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/6/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
TMW-3	2/17/09	Not Sampled -- No Access	
	8/10/09	Not Sampled -- LNAPL	
	2/17/10	383	1,320
	8/12/10	318	1,200
	4/8/11	333	1,170
	8/16/11	855	1,740
	2/15/12	1,190	2,120
	8/14/12	345 J	1,180
	2/7/13	381 J	1,390
	8/9/13	344	1,090
	2/6/14	237	1070
	8/13/14	670	1620
	2/11/15	360	1020
	8/11/15	309	1070

TABLE 10
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
TMW-5 DUP	2/18/09	4,780	7,660
	8/10/09	2,970	6,830
	2/10/10	3,120	6,120
	8/11/10	2,660	5,450
	8/11/10	2,660	5,540
	4/7/11	3,210	5,910
	8/9/11	3,470	6,030
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
		Not Sampled -- LNAPL	
		Not Sampled -- LNAPL	
TMW-6	2/17/09	437	1,440
	8/11/09	177	1,140
	2/16/10	657	1,850
	4/7/11	515	1,430
	8/9/11	345	1,310
	2/10/12	684	1,940
	8/14/12	603 J	1,550
	2/11/13	516	1,760
	8/9/13	755	1,930
	2/6/14	239	1570
	8/13/14	1270	2280
	2/11/15	411	1380
	8/11/15	436	1590

Notes:

- Chloride analysed by EPA Methods 300.0E.
- Total Dissolved Solids (TDS) analysed by SM 2540C.
- New Mexico Water Quality Control Commission (NMWQCC)
Standards 20.6.2.3103.B
- mg/L (ppm) - milligrams per liter (parts per million)
- LNAPL - Light non-aqueous phase liquid
- Bold indicates that a COC was detected.
- Shading indicates that a detected result exceeded the NMWQCC Standard.
- J - Result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
<i>Deep Monitor Wells</i>			
MWD-1 DUP	2/11/09	10,500	19,600
	8/6/09	9,340	18,800
	2/8/10	9,500	17,400
	8/4/10	8,490	11,100
	4/14/11	9,670	18,100
	8/17/11	8,950	13,000
	2/13/12	1,630 J	7,950 J
	2/13/12	381 J	1,470 J
	8/13/12	8,220 J	13,300
	2/6/13	3,820 J	7,330
	8/7/13	7,290	11,400
	2/4/14	8140 J	12800
	8/6/14	4860	9920
	2/6/15	908	2000
	8/6/15	712	2040
MWD-2 DUP (DUP) (Dup)	2/10/09	14,500	31,100
	8/12/09	18,200	25,900
	2/8/10	27,900	44,900
	8/5/10	15,800	26,500
	8/5/10	15,600	27,900
	4/15/11	26,700	31,500
	8/17/11	19,600	26,700
	2/14/12	3,460	8,720
	8/10/12	2,860 J	5,770
	2/5/13	7,570 J	9,240
	2/5/13	7,920 J	9,530
	8/8/13	11,500 J	18,900
	2/4/14	59700	60200
	8/6/14	2620	5120
	8/6/14	2620	5250
	2/4/15	1900	4250
	8/10/15	2060	4470
MWD-4	2/5/09	237	1,170
	8/6/09	310	1,440
	2/5/10	270	1,250
	8/20/10	328	1,490
	4/14/11	1,620	2,230
	8/17/11	729	2,030
	2/9/12	73.4	902
	8/9/12	50.4 J	910
	2/6/13	44.5 J	1,030
	8/6/13	50.4	1,380
	2/4/14	45.7	1190
	8/5/14	53.8	1220
	2/3/15	52.7	916
	8/7/15	49.9	1260

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MWD-5 (DUP)	2/12/09	1,830	3,780
	8/12/09	2,240	4,530
	2/9/10	1,710	4,510
	8/6/10	1,960	3,970
	4/15/11	2,050	4,480
	8/15/11	2,070	3,600
	2/6/12	Not Sampled	
	8/8/12	2,010	2,520
	2/8/13	1070 J	2,700
	8/8/13	2,000	3,650
	8/8/13	2,000	3,690
	2/7/14	1120	2520
	8/11/14	3260	9560
	2/9/15	603	1690
	8/5/15	565 J	2200 J
MWD-6 DUP-1 DUP	2/12/09	237	822
	8/7/09	995	2,800
	8/7/09	1,010	2,760
	2/5/10	948	2,550
	8/20/10	1,020	2,400
	4/15/11	1,030	2,420
	8/15/11	1,170	2,130
	2/9/12	1,400	6,620
	8/8/12	507	1,880
	8/8/12	608 J	1,860
	2/8/13	413 J	1,820
	8/7/13	427	1,520
	2/6/14	621 J	1550
	8/8/14	261	1460 J
	2/9/15	260	1300
	8/4/15	229 J	1540 J
MWD-7 (Dup) (Dup)	2/11/09	7,940	14,700
	8/6/09	7,610	16,600
	2/8/10	8,040	15,100
	8/4/2010	7630	14100
	4/14/11	7,870	14,800
	8/17/11	8,880	14,600
	2/16/12	10,200	25,100
	8/13/12	7,220 J	13,600
	2/6/13	6,140 J	11,000
	8/7/13	5,830	12,400
	2/4/14	7010 J	10700
	2/4/14	45.2 J	1380
	8/6/14	5650	10900 J
	2/6/15	5240	7560
	2/6/15	5170	9080
	8/12/15	4940	10600

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMW/QCC Standard³		250	1,000
MWD-8	2/10/09	9,390	18,400
	8/11/09	8,570	16,300
	2/8/10	11,100	20,000
	8/5/10	10,000	17,500
	4/15/11	15,100	20,700
	8/17/11	8,840	12,400
	2/13/12	336	1,400
	8/9/12	980	2,220
	2/6/13	824 J	1,800
	8/8/13	1,190 J	2,630
	2/4/14	1140 J	2210
	8/6/14	968	2000
	2/4/15	571	1260
	2/4/15	416	1080
	8/6/15	474	1270
MWD-10 DUP-2	2/12/09	6,130	11,600
	8/10/09	5,550	11,400
	8/10/09	5,670	12,600
	2/9/10	6,590	10,900
	4/15/11	Not Sampled - LNAPL	
	8/19/11	4,660	9,810
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/5/13	Not Sampled	
	8/8/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
MWD-11 DUP-4 DUP-3 DUP (DUP)	2/10/09	2,640	4,670
	8/12/09	2,460	4,370
	2/8/10	2,210	4,440
	8/5/10	1,560	3,330
	4/15/11	2,400	4,750
	4/15/11	2,370	4,110
	8/19/11	1,520	3,130
	8/19/11	1,340	3,370
	2/10/12	205	932
	8/9/12	315 J	864
	8/9/12	156 J	836
	2/5/13	623 J	1,450
	8/9/13	701	1,600
	8/9/13	675	1,670
	2/4/14	1700 J	3520
	8/5/14	112	656
	2/5/15	89.6	672
	8/10/15	85.9	682

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MWD-12	2/10/09	5,280	7,480
	8/6/09	4,350	9,440
	2/5/10	4,630	8,600
	8/4/10	4,340	8,100
	4/14/11	5,260	8,820
	8/17/11	5,090	8,460
	2/10/12	8,390	22,800
	8/9/12	3,280	6,340
	2/11/13	1,630 J	4,400
	8/8/13	1,500	3,670
	2/6/14	2320	5420
	8/11/14	4370	7040
	8/11/14	4290	7480
	2/9/15	667	2410
	8/5/15	694 J	2690 J
MWD-13 DUP-1	2/5/09	6,610	12,600
	2/5/09	6,830	13,000
	8/7/09	9,110	20,800
	2/5/10	1,840	5,540
	8/20/10	1,950	5,710
	4/15/11	26,800	45,400
	8/17/11	12,400	17,500
	2/9/12	935	3,100
	8/10/12	1,820 J	5,530
	2/8/13	5,280 J	13,300
	8/6/13	20,000	37,000
	2/5/14	11900 J	20900
	8/5/14	2850	7000
	2/5/15	1250	3930
	8/7/15	1300	4760
MWD-14 DUP-4 DUP	2/12/09	9,170	18,500
	8/10/09	10,700	21,200
	2/9/10	11,800	19,000
	8/5/10	7,150	13,700
	4/15/11	No access due to onsite work	
	8/19/11	10,900	19,200
	8/19/11	9,990	18,500
	2/17/12	5,220	10,400
	2/17/12	6,140	10,600
	8/9/12	4,900	8,960
	2/8/13	4,170	8,670
	8/8/13	4,800	8,560
	2/6/14	7180	10400
	8/13/14	5290	7960
	2/11/15	3910	6880
	8/5/15	4070 J	8030

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
MWD-15 DUP-3	2/12/09	20,800	37,000
	2/12/09	20,400	37,000
	8/12/09	26,500	31,500
	2/8/10	33,700	56,400
	8/5/10	19,100	33,400
	4/15/11	90,600	136,000
	8/19/11	7,180	19,000
	2/16/12	33,100	160,000
	8/10/12	3,420 J	7,350
	2/8/13	1,620 J	4,980
	8/8/13	4,010 J	10,600
	2/5/14	2500	5610
	8/12/14	2500	6440
	2/4/15	1720	4000
	8/11/15	1650	4180
(Dup)	8/11/15	1620	3990
MWD-16	2/12/09	8,080	16,500
	8/10/09	8,750	17,600
	2/9/10	7160	14100
	8/5/10	4,570	8,600
	4/15/11	Not Sampled	
	8/19/11	No Access - Construction	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/5/13	Not Sampled	
	8/5/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
		Not Sampled	
MWD-17	2/12/09	34,400	62,500
	8/12/09	46,500	67,800
	2/9/10	18,900	34,100
	8/6/10	29,200	53,500
	4/15/11	39,200	65,200
	8/16/11	53,500	101,000
	2/21/12	8,690	20,600
	8/14/12	6,900 J	13,800
	2/11/13	11,400	23,200
	8/8/13	17,400 J	27,300
	2/6/14	8470 J	16600
	8/12/14	117000	203000
	2/10/15	6480	8230
	8/12/15	5720	12200

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
<i>Water Wells</i>			
WW-1	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
	2/9/10	Not Sampled	
	8/6/10	Not Sampled	
	4/15/11	Not Sampled	
	8/9/11	Not Sampled	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/6/13	Not Sampled	
	8/6/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
	8/5/14	Not Sampled	
WW-2	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
	2/9/10	Not Sampled	
	8/6/10	Not Sampled	
	4/15/11	Not Sampled	
	8/9/11	Not Sampled	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/6/13	Not Sampled	
	8/6/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
	8/5/14	Not Sampled	
WW-3	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
	2/9/10	Not Sampled	
	8/6/10	Not Sampled	
	4/15/11	Not Sampled	
	8/9/11	Not Sampled	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/6/13	Not Sampled	
	8/6/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
	8/5/14	Not Sampled	

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
WW-4	2/3/09	Not Sampled	
	8/10/09	Not Sampled	
	2/9/10	Not Sampled	
	8/6/10	Not Sampled	
	4/15/11	Not Sampled	
	8/9/11	Not Sampled	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/6/13	Not Sampled	
	8/6/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
		Not Sampled	
WW-5	2/3/09	Not Sampled	
	8/10/09	Not Sampled	
	2/9/10	Not Sampled	
	8/6/10	Not Sampled	
	4/15/11	Not Sampled	
	8/9/11	Not Sampled	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/6/13	Not Sampled	
	8/6/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
		Not Sampled	
WW-6	2/3/09	Not Sampled	
	8/10/09	Not Sampled	
	2/9/10	Not Sampled	
	8/6/10	Not Sampled	
	4/15/11	Not Sampled	
	8/9/11	Not Sampled	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/6/13	Not Sampled	
	8/6/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
		Not Sampled	

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMW/QCC Standard³		250	1,000
WW-7	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
	2/9/10	Not Sampled	
	8/6/10	Not Sampled	
	4/15/11	Not Sampled	
	8/9/11	Not Sampled	
	2/6/12	Not Sampled	
	8/7/12	Not Sampled	
	2/6/13	Not Sampled	
	8/6/13	Not Sampled	
	2/5/14	Not Sampled	
	8/5/14	Not Sampled	
		Not Sampled	
		Not Sampled	
Deep Chloride Recovery Wells			
MWD-3	2/11/09	48,100	82,200
	8/18/09	48,200	84,000
	2/2/10	57,800	89,600
	8/3/10	55,300	89,000
	4/15/11	Not Sampled - Pump	
	8/9/11	Not Sampled - Pump	
	2/6/12	Not Sampled - Pump	
	8/7/12	Not Sampled - Pump	
	2/5/13	Not Sampled - Pump	
	8/5/13	Not Sampled - Pump	
	2/5/14	Not Sampled - Pump	
	8/5/14	Not Sampled - Pump	
	2/6/15	38500	58600
MWD-9	2/11/09	22,700	39,300
	8/17/09	20,900	39,600
	2/2/10	23,800	39,500
	8/3/10	20,900	37,400
	4/15/11	Not Sampled - Pump	
	8/9/11	Not Sampled - Pump	
	2/6/12	Not Sampled - Pump	
	8/7/12	Not Sampled - Pump	
	2/5/13	Not Sampled - Pump	
	8/5/13	Not Sampled - Pump	
	2/5/14	Not Sampled - Pump	
	8/5/14	Not Sampled - Pump	
	2/6/15	19600	29400
	8/13/15	18300	45700 J
(Dup)	8/13/15	22900	98000 J

TABLE 11
SUMMARY OF GROUNDWATER ANALYTICAL DATA - CHLORIDE & TDS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)
NMWQCC Standard³		250	1,000
RW-6	2/11/09	26,700	44,800
	8/17/09	32,400	61,300
	2/2/10	22,100	37,800
	8/3/10	30,800	52,600
	4/15/11	Not Sampled - Pump	
	8/9/11	Not Sampled - Pump	
	2/6/12	Not Sampled - Pump	
	8/7/12	Not Sampled - Pump	
	2/5/13	Not Sampled - Pump	
	8/9/13	1,930 J	3,840
	2/5/14	1470	3330
	8/7/14	1530	3530
	2/10/15	1020	2240
	8/12/15	959	2820
RW-7	2/12/09	46,900	115,000
	8/17/09	58,600	104,000
	2/2/10	62,500	98,000
	8/3/10	41,100	66,400
	4/15/11	Not Sampled - Pump	
	8/9/11	Not Sampled - Pump	
	2/6/12	Not Sampled - Pump	
	8/7/12	Not Sampled - Pump	
	2/15/13	Not Sampled - Pump	
	8/9/13	18,000 J	30,400
	2/5/14	12900	19600
	8/7/14	3020	5840 J
	2/10/15	3750	5510
	8/12/15	2480	6530
RW-8	2/12/09	12,100	22,900
	10/1/09	10,700	20,800
	2/9/10	12,600	22,200
	8/20/10	31,800	57,100
	4/15/11	Not Sampled - Pump	
	8/9/11	Not Sampled - Pump	
	2/6/12	Not Sampled - Pump	
	8/7/12	Not Sampled - Pump	
	2/5/13	Not Sampled - Pump	
	8/8/13	5,950 J	11,500
	2/5/14	10100	19100
	(Dup) 2/5/14	9700 J	15500
	8/7/14	1870	4380
	2/5/15	1420	2860
	8/10/15	1360	3400
(Dup)	8/10/15	1510	3530

Notes:

- Chloride analysed by EPA Methods 300.0E.
- Total Dissolved Solids (TDS) analysed by SM 2540C.
- New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.B
- mg/L (ppm) - milligrams per liter (parts per million)
- LNAPL - Light non-aqueous phase liquid
- Bold indicates that a COC was detected.
- Shading indicates that a detected result exceeded the NMWQCC Standard.
- J - Result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWOCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
Shallow Monitor Wells									
MW-1	2/18/09				Not Sampled -- LNAPL				
	8/10/09				Not Sampled -- LNAPL				
	4/7/11				Not Sampled -- LNAPL				
	8/8/11				Not Sampled -- LNAPL				
	2/6/12				Not Sampled -- LNAPL				
	8/7/12				Not Sampled -- LNAPL				
	2/5/13				Not Sampled -- LNAPL				
	8/5/13				Not Sampled -- LNAPL				
	2/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
					Not Sampled -- LNAPL				
					Not Sampled -- LNAPL				
					Not Sampled -- LNAPL				
MW-2	2/18/09				Not Sampled -- LNAPL				
	8/10/09				Not Sampled -- LNAPL				
	4/7/11				Not Sampled -- LNAPL				
	8/8/11				Not Sampled -- LNAPL				
	2/6/12				Not Sampled -- LNAPL				
	8/7/12				Not Sampled -- LNAPL				
	2/5/13				Not Sampled -- LNAPL				
	8/5/13				Not Sampled -- LNAPL				
	2/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
					Not Sampled -- LNAPL				
					Not Sampled -- LNAPL				
					Not Sampled -- LNAPL				
MW-3 DUP-3	2/9/09	<0.00020	<0.0200	<0.0200	0.0615	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	<0.0200	<0.0200	0.0591	<0.0050	<0.0150	<0.0150	<0.0050
	2/16/10	<0.00020	<0.0200	<0.0200	0.0562	<0.00500	<0.0150	<0.0150	<0.0050
	8/10/10	<0.00020	<0.0200	<0.0200	0.061	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	0.0656	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	0.0633	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	<0.0200	<0.0200	0.0670	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/12	<0.00020 J	<0.0200	<0.0200	0.0666	<0.0050	<0.0150	0.0347	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	0.0705	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	<0.0200	<0.0200	0.0603	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/13	<0.00020 J	<0.0200	<0.0200	0.0643	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0147 J	0.0095 J	0.0624	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/14	<0.00020	<0.0200	<0.0200	0.0537	<0.0050	<0.0150	<0.0150	<0.0050
	2/3/2015	<0.00020	0.0126 J	0.0075 J	0.0547	<0.0050	0.0019 J	<0.0150	<0.0050
	8/6/2015	<0.00020	0.0150 J	0.0090 J	0.0573	<0.00037 J	0.0024 J	<0.0150	<0.0050
MW-4 DUP-2	2/11/09	<0.00020	0.0207	<0.0200	0.0562	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/09	<0.00020	<0.0200	<0.0200	0.0593	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	0.0548	<0.0050	<0.0150	<0.0150	<0.0050
	2/12/10	<0.00020	<0.0200	<0.0200	0.0636	<0.0050	<0.0150	0.0178	<0.0050
	8/6/10	<0.00020	<0.0200	<0.0200	0.0674	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	Not Sampled							
	8/10/11	<0.00020	<0.0200	<0.0200	0.0851	<0.0050	<0.0150	<0.0150	<0.0050
	2/14/12	<0.00020	<0.0200	<0.0200	0.0890	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/12	<0.00020	<0.0200	<0.0200	0.103	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	<0.0200	<0.0200	0.0945	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020	<0.0200	<0.0200	0.108	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	<0.0200	<0.0200	0.0672	<0.0050	0.0021 J	<0.0150	<0.0050
	8/12/14	--	<0.0200	<0.0200	0.108	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/2015	<0.00020	0.0093 J	<0.0200	0.0758	<0.0050	0.0023 J	<0.0150	<0.0050
	8/10/2015	<0.00020	0.0099 J	<0.0200	0.0976	<0.0050	0.0019 J	<0.0150	--
MW-6 (DUP)	2/5/09	<0.00020	0.0269	<0.0200	0.0515	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	0.0247	<0.0200	0.0659	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/10	<0.00020	0.0227	<0.0200	0.0848	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	<0.0200	<0.0200	0.034	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	0.0230	<0.0200	0.0764	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	<0.0200	<0.0200	0.0822	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/12	<0.00020 J	<0.0200	<0.0200	0.0707	<0.0050	<0.0150	0.0337	<0.0050
	8/10/12	<0.00020	<0.0200	<0.0200	0.0535	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	0.0248	<0.0200	0.0526	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	0.0241	<0.0200	0.0533	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/13	<0.00020	<0.0200	<0.0200	0.0532	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0193 J	<0.0200	0.0569	<0.0050	0.0024 J	<0.0150	<0.0050
	8/5/14	<0.00020	<0.0200	<0.0200	0.0690	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/2015	<0.00020	0.0257	<0.0200	0.0569	<0.0050	0.0022 J	0.0064 J	<0.0050
	8/7/2015	<0.00020	0.0328 J	<0.0200	0.0574	<0.0050	0.0018 J	<0.0150	--

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWOCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MW-7	2/5/09	<0.00020	<0.0200	<0.0200	0.206	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	0.0277	<0.0200	0.262	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/10	<0.00020	0.025	<0.0200	0.27	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	0.0258	<0.0200	0.195	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	0.0273	<0.0200	0.298	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	0.0256	<0.0200	0.315	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/12	<0.00020 J	<0.0200	<0.0200	0.319	<0.0050	<0.0150	0.0314	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	0.247	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/13	<0.00020	0.0226	<0.0200	0.146	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/13	<0.00020	<0.0200	<0.0200	0.110	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0085 J	<0.0200	0.0777	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/14	<0.00020	<0.0200	<0.0200	0.0582	<0.0050	<0.0150	<0.0150	<0.0050
	2/3/2015	<0.00020	<0.0200	<0.0200	0.0526	<0.0050	0.0014 J	<0.0150	<0.0050
	8/7/2015	<0.00020	0.0084 J	<0.0200	0.0562	<0.0050	0.0018 J	<0.0150	--
MW-8	2/2/09	Not Sampled							
	8/6/09	<0.00020	0.0442	<0.0200	0.0956	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/10	<0.00020	0.0321	<0.0200	0.0924	<0.0050	<0.0150	<0.0150	<0.0050
	8/4/10	<0.00020	<0.0200	<0.0200	0.0864	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	0.0220	<0.0200	0.0961	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/11	<0.00020	<0.0200	<0.0200	0.101	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/12	<0.00020 J	0.0224	<0.0200	0.0928	<0.0050	<0.0150	0.0197	<0.0050
	8/8/12	<0.00020	<0.0200	<0.0200 J	0.163	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/12	<0.00020	<0.0200	<0.0200	0.158	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	0.0282	<0.0200	0.194	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/13	<0.00020	0.0235	<0.0200	2.04 J	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020 J	0.0399	<0.0200	0.123	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0224 J	<0.0200	0.0776	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/14	<0.00020	0.0436	<0.0200	0.0781	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/2015	<0.00020	0.0154 J	<0.0200	0.0546	<0.0050	0.0014 J	<0.0150	<0.0050
	8/5/2015	<0.00020	0.0234	<0.0200	0.0512	<0.00034 J	0.0021 J	<0.0150	<0.0050
MW-9	2/12/09	<0.00020	<0.0200	<0.0200	16	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/09	<0.00020	0.0244	<0.0050	8.95	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/10	<0.00020	0.0221	<0.0200	17.6	<0.0050	<0.0150	<0.0150	<0.0050
	8/23/10	<0.00020	<0.0200	<0.0200	18	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	0.0201	<0.0200	18.9	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	<0.0200	<0.0200	13.2	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/12	<0.00020 J	<0.0200	<0.0200	15.3	<0.0050	<0.0150	0.0437	<0.0050
	8/8/12	<0.00020	<0.0200	0.0498 J	4.91	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/13	<0.00020	<0.0200	<0.0200	15.3	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	9.17	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	<0.0200	<0.0200	7.00	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/14	<0.00020	<0.0200	<0.0200	12.5	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/2015	<0.00020	0.0136 J	<0.0200	2.86	<0.0050	<0.0150	0.0104 J	<0.0050
	8/4/2015	<0.00020	0.0119 J	<0.0200	1.94	<0.00032 J	0.0022 J	<0.0150	<0.0050
MW-10	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
	4/7/11	Not Sampled -- LNAPL							
	8/8/11	Not Sampled -- LNAPL							
	2/6/12	Not Sampled -- LNAPL							
	8/7/12	Not Sampled -- LNAPL							
	2/5/13	Not Sampled -- LNAPL							
	8/5/13	Not Sampled -- LNAPL							
	2/5/14	Not Sampled -- LNAPL							
	8/5/14	Not Sampled -- LNAPL							
MW-11	2/18/09	Not Sampled -- No Access due to Demo work							
	8/10/09	Not Sampled -- LNAPL							
	2/17/10	<0.00020	0.054	<0.0200	1.43	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/10	<0.0010	0.0565	<0.0200	1.44	<0.0050	<0.0150	<0.0150	<0.0050
	4/8/11	<0.00020	0.0558	<0.0200	1.61	<0.0050	<0.0150	<0.0150	<0.0050
	8/16/11	<0.00020	0.0450	<0.0200	1.69	<0.0050	<0.0150	<0.0150	<0.0050
	2/16/12	<0.00020	0.0309	<0.0200	1.30	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/12	<0.00020	0.0368	<0.0200	1.25	<0.0050	<0.0150	<0.0150	<0.0050
	2/1/13	<0.00020	0.0315	<0.0200	1.09	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/13	<0.00020 J	<0.0200	<0.0200	1.17	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	0.0138 J	<0.0200	1.20	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/14	--	<0.0200 J	<0.0200	1.59	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/11/2015	<0.00020	0.0077 J	<0.0200	0.909	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/2015	<0.00020	<0.0200	<0.0200	0.918	<0.0050	0.0016 J	<0.0150	<0.0050

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWOCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MW-12	2/18/09 8/10/09 4/7/11 8/8/11 2/6/12 8/7/12 2/5/13 8/5/13 2/5/14 8/5/14	Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL Not Sampled -- LNAPL							
MW-13	2/9/09 8/11/09 2/12/10 8/6/10 4/6/11 8/15/11 2/8/12 8/9/12 2/6/13 8/6/13 8/6/13 2/4/14 8/7/14 2/3/2015 8/6/2015	<0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 J <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020	0.0286 0.0246 <0.0200 <0.0200 0.0339 0.0235 0.0276 <0.0200 <0.0200 0.0249 0.0248 0.0137 J 0.0291 0.0120 J 0.0151 J	<0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 J <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200	3.31 2.69 0.139 0.0937 2.72 3.92 3.86 0.236 0.122 3.89 3.40 0.129 1.45 0.124 0.105	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.00038 J	<0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 0.0017 J 0.0026 J	<0.0150 <0.0150 0.0217 <0.0150 <0.0150 <0.0150 0.0243 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050
(DUP)									
MW-14	2/9/09 8/6/09 2/5/10 8/4/10 4/6/11 8/8/11 2/8/12 8/9/12 2/6/13 8/6/13 2/4/14 8/7/14 8/7/14 2/3/2015 8/6/2015	<0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 J <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020	<0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 0.0105 J <0.0200 <0.0200 <0.0200 <0.0200 0.0075 J	<0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 J <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200	0.0612 0.0615 0.055 0.0572 0.0600 0.0865 0.0557 0.0658 0.0545 0.0656 0.0516 0.0574 0.0539 0.0637 0.0630	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.00034 J	<0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 0.0014 J 0.0023 J	<0.0150 <0.0150 0.0189 <0.0150 <0.0150 <0.0150 0.0304 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050
MW-15	2/9/09 8/12/09 2/8/10 8/9/10 4/7/11 8/9/11 2/15/12 2/15/12 8/13/12 2/7/13 8/7/13 2/6/14 8/14/14 2/10/2015 8/13/2015	<0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020	<0.0200 0.0252 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 0.0203 <0.0200 <0.0200 <0.0200 0.0106 J -- 0.0169 J 0.0141 J	<0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 J 0.0095 J <0.0200	0.0508 0.0428 0.0461 0.0403 0.0462 0.0464 0.0419 0.0416 0.0440 0.0411 0.0447 0.0420 0.0523 0.0471 0.0485	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050	<0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 J 0.0025 J 0.0020 J	<0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 0.0164 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 0.0077 J <0.0150	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050
MW-16	2/9/09 8/6/09 2/8/10 8/4/10 4/7/11 8/9/11 2/15/12 8/13/12 2/6/13 8/7/13 2/6/14 8/14/14 2/10/2015 8/13/2015	<0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 <0.00020 -- <0.00020 <0.00020	<0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 0.0132 J <0.0200 J 0.0169 J 0.0149 J	<0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 <0.0200 0.0089 J <0.0200 0.0165 J <0.0200	0.0423 0.036 0.0352 0.0428 0.0344 0.0378 0.0330 0.0353 0.0347 0.0362 0.0373 0.0414 0.0409 0.0406	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050	0.138 0.123 0.109 0.138 0.114 0.0936 0.108 0.101 0.0965 0.0783 0.0952 0.104 J 0.104 0.0817	<0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 <0.0150 0.0095 J <0.0150	<0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050 <0.0050

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard ³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MW-17	2/11/09	<0.00020	<0.0200	<0.0200	0.0468	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	<0.0200	<0.0200	0.0423	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/10	<0.00020	<0.0200	<0.0200	0.166	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/10	<0.00020	<0.0200	<0.0200	0.0442	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	0.186	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	<0.0200	<0.0200	0.0433	<0.0050	<0.0150	<0.0150	<0.0050
	2/14/12	<0.00020	<0.0200	<0.0200	0.0412	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/12	<0.00020	0.0226	<0.0200	0.0393	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	<0.0200	<0.0200	0.0551	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	0.0408	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	0.0432	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0110 J	<0.0200	0.0502	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/14	--	<0.0200	<0.0200	0.0542	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/2015	<0.00020	0.0109 J	<0.0200	0.130	<0.0050	0.0022 J	<0.0150	<0.0050
8/12/2015	<0.00020	0.0095 J	<0.0200	0.0662	<0.0050	0.0021 J	<0.0150	<0.0050	
MW-18	2/10/09	<0.00020	<0.0200	<0.0200	0.0762	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0246	<0.0200	0.0808	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/10	<0.00020	0.0329	<0.0200	0.0698	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	<0.0200	<0.0200	0.0694	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	0.0641	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	0.0210	<0.0200	0.0619	<0.0050	<0.0150	<0.0150	<0.0050
	2/13/12	<0.00020	<0.0200	<0.0200	0.0620	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	0.0560	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/13	<0.00020	<0.0200	<0.0200	0.0522	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	0.0581	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0206 J	<0.0200	0.0553	<0.0050	0.0016 J	<0.0150	<0.0050
	8/6/14	<0.00020	<0.0200	<0.0200	0.0597	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/2015	<0.00020	0.0191 J	0.0086 J	0.0631	<0.0050	0.0014 J	<0.0150	<0.0050
	8/6/2015	<0.00020	0.0180 J	<0.0200	0.0587	<0.00047 J	0.0027 J	<0.0150	<0.0050
MW-19	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
	8/10/10	<0.00020	0.0484	<0.0200	0.405	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	Not Sampled -- LNAPL							
	8/8/11	No Access - Construction on Site							
	2/6/12	Not Sampled -- LNAPL							
	8/9/12	<0.00020	0.0464	<0.0200 J	0.633	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/12	<0.00020	0.0466	<0.0200	0.649	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/13	<0.00020	0.0494	<0.0200	0.804	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	0.0411	<0.0200	0.775	<0.0050	<0.0150	<0.0150	<0.0050
2/10/14	<0.00020 J	0.0270	<0.0200	0.792	<0.0050	<0.0150	0.0054 J	<0.0050	
MW-21	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
	8/11/10	<0.0010	0.0621	<0.0200	0.107	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	Not Sampled							
	8/8/11	No Access - Construction on Site							
	2/6/12	Not Sampled							
	8/14/12	<0.00020	0.0562	<0.0200	0.163	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/13	<0.00020	0.0557	<0.0200	0.0847	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	0.0294	<0.0200	0.421	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	0.0642	<0.0200	0.0796	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	0.0667	<0.0200	0.0804	<0.0050	<0.0150	<0.0150	<0.0050
	MW-22	2/11/09	<0.00020	0.0508	<0.0200	0.542	<0.0050	<0.0150	<0.0150
8/13/09		<0.00020	0.0381	<0.0200	0.707	<0.0050	<0.0150	<0.0150	<0.0050
2/17/10		<0.00020	0.0363	<0.0200	0.777	<0.0050	<0.0150	<0.0150	<0.0050
8/10/10		<0.00020	0.0444	<0.0200	0.655	<0.0050	<0.0150	<0.0150	<0.0050
8/10/10		<0.00020	0.0448	<0.0200	0.675	<0.0050	<0.0150	<0.0150	<0.0050
4/7/11		<0.00020	0.0581	<0.0200	1.33	<0.0050	<0.0150	<0.0150	<0.0050
8/11/11		<0.00020	0.0670	<0.0200	0.881	<0.0050	<0.0150	<0.0150	<0.0050
2/15/12		<0.00020	0.0242	<0.0200	2.41	<0.0050	<0.0150	<0.0150	<0.0050
8/13/12		<0.00020	0.0352	<0.0200	0.851	<0.0050	<0.0150	<0.0150	<0.0050
2/8/13		<0.00020	0.0285	<0.0200	1.73	<0.0050	<0.0150	<0.0150	<0.0050
8/12/13		<0.00020 J	0.0200	<0.0200	1.28	<0.0050	<0.0150	<0.0150	<0.0050
2/6/14		<0.0020	0.0175 J	<0.0200	2.17	<0.0050	<0.0150	<0.0150	<0.0050
8/13/14		--	0.0342 J	<0.0200	1.26	<0.0050	<0.0150 J	<0.0150	<0.0050
2/6/2015		<0.00020	0.0194 J	<0.0200	0.574	<0.0050	0.0019 J	<0.0150	<0.0050
8/12/2015	<0.00020	0.0227	<0.0200	0.878	<0.0050	0.0020 J	<0.0150	<0.0050	

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWOCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MW-23	2/11/09	<0.00020	0.0524	<0.0200	0.0938	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	0.0566	0.0246	0.0872	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/10	<0.00020	0.0228	<0.0200	0.0893	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	<0.0200	0.0251	0.0599	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	<0.0200	0.0231	0.0639	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	<0.0200	<0.0200	0.0643	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	<0.0200	0.0290	0.0673	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	<0.0200	0.0253	0.0717	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/12	<0.00020	0.0218	<0.0200	0.0866	<0.0050	<0.0150	0.0213	<0.0050
	2/7/13	<0.00020	<0.0200	0.0345	0.0810	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020 J	<0.0200	0.0280	0.0802	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.00020	0.0150 J	0.0262	0.0761	<0.0050	0.0029 J	<0.0150	<0.0050
	8/12/14	--	0.0217	<0.0200	0.0595	<0.0050	<0.0150	<0.0150	<0.0050
	2/3/2015	<0.00020	0.0154 J	0.0241	0.0492	<0.0050	0.0021 J	<0.0150	<0.0050
	8/12/2015	<0.00020	0.0226	0.0164 J	0.0463	<0.0050	0.0024 J	<0.0150	<0.0050
MW-24	2/18/09	<0.00020	0.035	<0.0200	4.25	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09				Not Sampled -- LNAPL				
	2/16/10	<0.00020	0.0355	<0.0200	3.97	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/10	<0.0010	0.0361	<0.0200	4.85	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	0.0383	<0.0200	2.62	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	0.0326	<0.0200	2.06	<0.0050	<0.0150	<0.0150	<0.0050
	2/16/12	<0.00020	<0.0200	<0.0200	1.85	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/12	<0.00020	0.0288	<0.0200	1.55	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/13	<0.00020	0.0306	<0.0200	1.18	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	0.0239	<0.0200	4.74	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	0.0213	<0.0200	3.73	<0.0050	0.0028 J	<0.0150	<0.0050
	8/13/14	--	<0.0200 J	<0.0200	5.27	<0.0050	<0.0150 J	<0.0150	<0.0050
	8/13/14	--	<0.0200 J	<0.0200	5.38	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/11/2015	<0.00020	0.0198 J	<0.0200	3.09	<0.0050	0.0025 J	<0.0150	<0.0050
	8/11/2015	<0.00020	0.0161 J	<0.0200	3.80	<0.0050	0.0027 J	<0.0150	<0.0050
MW-25	2/12/09	<0.00020	0.0272	<0.0200	1.86	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/09	<0.00020	<0.0200	<0.0200	1.49	<0.0050	<0.0150	<0.0150	<0.0050
	2/17/10	<0.00020	0.0209	<0.0200	1.84	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/10	<0.0010	<0.0200	<0.0200	1.63	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/10	<0.0010	<0.0200	<0.0200	1.6	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	1.55	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/11	<0.00020	<0.0200	<0.0200	1.50	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	0.0291	<0.0200	1.59	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	0.0254	<0.0200	1.51	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/12	<0.00020	<0.0200	<0.0200	1.38	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/13	<0.00020	<0.0200	<0.0200	1.42	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/13	<0.00020 J	<0.0200	<0.0200	1.17	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/14	<0.0020 J	<0.0200	<0.0200	2.35	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/14	--	<0.0200 J	<0.0200	1.93	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/11/2015	<0.00020	0.0077 J	<0.0200	1.74	<0.0050	0.0020 J	<0.0150	<0.0050
MW-26	2/17/09	<0.00020	0.0442	<0.0200	2.53	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09				Not Sampled -- LNAPL				
	2/16/10	<0.00020	0.0493	<0.0200	2.97	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/10	<0.0010	0.0485	<0.0200	2.96	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	0.0460	<0.0200	3.68	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	0.0468	<0.0200	4.48	<0.0050	<0.0150	<0.0150	<0.0050
	2/17/12	<0.00020	0.0320	<0.0200	4.82	<0.0050	<0.0150	0.0372	<0.0050
	8/13/12	<0.00020	0.0336	<0.0200	4.85	<0.0050	<0.0150	0.0153	<0.0050
	2/8/13	<0.00020	0.0256	<0.0200	4.37	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/13	<0.00020 J	0.0263	<0.0200	4.75	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/13	<0.00020 J	0.0299	<0.0200	5.01	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/14	<0.0020 J	0.0236	<0.0200	5.09	<0.0050	0.0017 J	0.0068 J	<0.0050
	8/14/14	--	0.0285 J	<0.0200	4.73	<0.0050	<0.0150 J	<0.0150	<0.0050
	8/14/14	--	0.0293 J	<0.0200	4.56	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/11/2015	<0.00020	0.0304	0.0078 J	4.08	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/2015	<0.00020	0.0352	<0.0200	4.16	<0.0050	<0.0150	<0.0150	<0.0050
MW-27	2/17/09	<0.00020	0.0408	<0.0200	0.199	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09				Not Sampled -- LNAPL				
	4/7/11				Not Sampled -- LNAPL				
	8/8/11				Not Sampled -- LNAPL				
	2/6/12				Not Sampled -- LNAPL				
	8/7/12				Not Sampled -- LNAPL				
	2/5/13				Not Sampled -- LNAPL				
	8/5/13				Not Sampled -- LNAPL				
	2/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
					Not Sampled -- LNAPL				

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWOCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MW-29	2/4/09	<0.00020	<0.0200	<0.0200	5.8	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	<0.0200	<0.0200	7.79	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/10	<0.00020	<0.0200	<0.0200	6.97	<0.0050	<0.0150	<0.0150	<0.0050
	DUP-1	2/15/10	<0.00020	<0.0200	7.01	<0.0050	<0.0150	<0.0150	<0.0050
		8/23/10	<0.00020	<0.0200	7.02	<0.0050	<0.0150	<0.0150	<0.0050
		4/7/11	<0.00020	<0.0200	4.45	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	<0.0200	<0.0200	4.82	<0.0050	<0.0150	<0.0150	<0.0050
	DUP-1	8/10/11	<0.00020	<0.0200	5.16	<0.0050	<0.0150	<0.0150	<0.0050
		2/9/12	<0.00020 J	<0.0200	4.97	<0.0050	<0.0150	0.0375	<0.0050
		8/8/12	<0.00020	<0.0200 J	6.36	<0.0050	<0.0150	<0.0150	<0.0050
	(DUP)	2/8/13	<0.00020	<0.0200	5.90	<0.0050	<0.0150	<0.0150	<0.0050
		2/8/13	<0.00020	<0.0200	5.74	<0.0050	<0.0150	<0.0150	<0.0050
		8/8/13	<0.00020 J	<0.0200	4.14	<0.0050	<0.0150	<0.0150	<0.0050
		2/6/14	<0.0020	<0.0200	3.72	<0.0050	<0.0150	<0.0150	<0.0050
		8/11/14	--	<0.0200 J	4.09	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/9/2015	<0.00020	<0.0200	<0.0200	4.55	<0.0050	<0.0150	0.0084 J	<0.0050
	8/5/2015	<0.00020	<0.0200	<0.0200	5.00	<0.00048 J	<0.0150	<0.0150	<0.0050
MW-30	2/4/09	<0.00020	<0.0200	<0.0200	8.38	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	0.0334	<0.0200	0.544	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/10	<0.00020	0.027	<0.0200	1.27	<0.0050	<0.0150	<0.0150	<0.0050
	8/23/10	<0.00020	0.0263	<0.0200	1.05	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	0.0249	<0.0200	1.86	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	<0.0200	<0.0200	6.78	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/12	<0.00020 J	0.0270	<0.0200	0.170	<0.0050	<0.0150	0.0310	<0.0050
	8/9/12	<0.00020	0.0252	<0.0200 J	0.530	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/13	<0.00020	0.0209	<0.0200	0.992	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	0.0237	<0.0200	0.259	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	0.0243	<0.0200	0.224	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/14	--	0.0200 J	<0.0200	0.498	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/10/2015	<0.00020	0.0297	<0.0200	0.594	<0.0050	0.0017 J	0.0095 J	<0.0050
	8/5/2015	<0.00020	0.0224	<0.0200	0.784	<0.00037 J	0.0017 J	<0.0150	<0.0050
MW-31	2/9/09	<0.00020	0.0539	<0.0200	8.65	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/09	<0.00020	0.0365	<0.0200	6.54	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/10	<0.00020	0.0323	<0.0200	6.92	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/10	<0.00020	0.042	<0.0200	6.59	<0.0050	<0.0150	<0.0750	<0.0050
	4/7/11	<0.00020	0.0452	<0.0200	14.6	<0.0050	<0.0150	<0.0150	<0.0050
	8/15/11	<0.00020	0.0361	<0.0200	11.3	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/12	<0.00020 J	0.0296	<0.0200	12.1	<0.0050	<0.0150	0.0420	<0.0050
	8/9/12	<0.00020	0.0308	<0.0200 J	8.24	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/13	<0.00020	<0.0200	<0.0200	0.0530	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/13	<0.00020	0.0236	<0.0200	3.77	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	0.0242	<0.0200	1.32	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/14	--	<0.0200	<0.0200	4.62	<0.0050	<0.0150	<0.0150	<0.0050
	2/3/2015	<0.00020	0.0277	<0.0200	1.34	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/2015	<0.00020	0.0290	<0.0200	0.978	<0.00033 J	0.0016 J	<0.0150	<0.0050
	8/6/2015	<0.00020	0.0236	<0.0200	0.995	<0.00035 J	<0.0150	<0.0150	<0.0050
(Dup)	2/4/09	<0.00020	<0.0200	<0.0200	3.87	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	1.7	<0.0050	<0.0150	<0.0150	<0.0050
	2/12/10	<0.00020	<0.0200	<0.0200	0.398	<0.0050	<0.0150	0.0239	<0.0050
	8/9/10	<0.00020	<0.0200	<0.0200	8.16	<0.0050	<0.0150	<0.0750	<0.0050
	4/6/11	<0.00020	<0.0200	<0.0200	6.75	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	<0.0200	<0.0200	6.53	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/12	<0.00020 J	<0.0200	<0.0200	4.10	<0.0050	<0.0150	0.0336	<0.0050
	8/8/12	<0.00020	<0.0200	<0.0200 J	4.25	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	0.0233	<0.0200	4.11	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020 J	0.0233	<0.0200	4.76	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	0.0188 J	<0.0200	3.09	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/14	--	<0.0200 J	<0.0200	3.30	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/9/2015	<0.00020	0.0277	<0.0200	1.99	<0.0050	<0.0150	0.0086 J	<0.0050
	2/9/2015	<0.00020	0.0206	<0.0200	1.84	<0.0050	<0.0150	0.0087 J	<0.0050
	8/5/2015	<0.00020	0.0304	<0.0200	2.50	<0.00044 J	0.0018 J	<0.0150	<0.0050

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWOCC Standard ³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
RW-5	3/9/09				Not Sampled -- LNAPL				
	8/10/09				Not Sampled -- LNAPL				
	4/7/11				Not Sampled -- LNAPL				
	8/9/11				Not Sampled -- LNAPL				
	2/6/12				Not Sampled -- LNAPL				
	8/14/12				Not Sampled -- LNAPL				
	2/5/13				Not Sampled -- LNAPL				
	8/5/13				Not Sampled -- LNAPL				
	2/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
MW-28	3/9/09				Not Sampled -- LNAPL				
	8/10/09				Not Sampled -- LNAPL				
	4/7/11				Not Sampled -- LNAPL				
	8/9/11				Not Sampled -- LNAPL				
	2/6/12				Not Sampled -- LNAPL				
	8/14/12				Not Sampled -- LNAPL				
	2/5/13				Not Sampled -- LNAPL				
	8/5/13				Not Sampled -- LNAPL				
	2/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
East Side Shallow LNAPL Recovery Wells									
MW-5	3/9/09				Not Sampled -- LNAPL				
	8/10/09				Not Sampled -- LNAPL				
	4/6/11				No Access - Construction on Site				
	8/9/11				Not Sampled -- LNAPL				
	2/6/12				Not Sampled -- LNAPL				
	8/7/12				Not Sampled -- LNAPL				
	1/21/13				Not Sampled -- LNAPL				
	8/5/13				Not Sampled -- LNAPL				
	2/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
MW-20	3/9/09				Not Sampled -- LNAPL				
	8/10/09				Not Sampled -- LNAPL				
	4/7/11				Not Sampled -- LNAPL				
	8/9/11				Not Sampled -- LNAPL				
	2/6/12				Not Sampled -- LNAPL				
	8/7/12				Not Sampled -- LNAPL				
	1/21/13				Not Sampled -- LNAPL				
	8/5/13				Not Sampled -- LNAPL				
	2/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
	8/5/14				Not Sampled -- LNAPL				
Temporary Monitor Wells									
TMW-1	2/10/09	<0.00020	0.0585	<0.0200	1.2	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	0.0481	<0.0200	1.02	<0.0050	<0.0150	<0.0150	<0.0050
	2/12/10	<0.00020	0.05	<0.0200	1.24	<0.0050	<0.0150	0.0208	<0.0050
	8/9/10	<0.00020	0.0444	<0.0200	1.5	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	0.0437	<0.0200	0.265	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	0.0340	<0.0200	0.246	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	<0.0200	<0.0200	0.243	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/12	<0.00020	0.0225	<0.0200 J	0.965	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	0.0203	<0.0200	0.568	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/13	<0.00020 J	<0.0200	<0.0200	0.407	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0224 J	<0.0200	1.87	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/14	--	0.0241	<0.0200	0.452	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/2015	<0.00020	0.0117 J	<0.0200	1.40	<0.0050	0.0017 J	0.0061 J	<0.0050
	8/10/2015	<0.00020	0.0186 J	<0.0200	2.63	<0.0050	0.0022 J	<0.0150	--

TABLE 12
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
TMW-2	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
	4/7/11	Not Sampled -- LNAPL							
	8/8/11	Not Sampled -- LNAPL							
	2/6/12	Not Sampled -- LNAPL							
	8/7/12	Not Sampled -- LNAPL							
	2/5/13	Not Sampled -- LNAPL							
	8/5/13	Not Sampled -- LNAPL							
	2/5/14	Not Sampled -- LNAPL							
	8/5/14	Not Sampled -- LNAPL							
	8/5/14	Not Sampled -- LNAPL							
	8/5/14	Not Sampled -- LNAPL							
TMW-3	2/17/09	Not Sampled -- No Access							
	8/10/09	Not Sampled -- LNAPL							
	2/17/10	<0.00020	0.0577	<0.0200	4.39	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/10	<0.0010	0.0501	<0.0200	4.85	<0.0050	<0.0150	<0.0150	<0.0050
	4/8/11	<0.00020	0.0511	<0.0200	4.91	<0.0050	<0.0150	<0.0150	<0.0050
	8/16/11	<0.00020	0.0549	<0.0200	3.82	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	0.0393	<0.0200	2.86	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/12	<0.00020	0.0357	<0.0200	4.07	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	0.0336	<0.0200	2.58	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	0.0279	<0.0200	5.26	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.00020	0.0181 J	<0.0200	4.70	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/14	--	0.0442 J	<0.0200	3.19	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/11/2015	<0.00020	0.0222	<0.0200	6.35	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/2015	<0.00020	0.0215	<0.0200	6.94	<0.0050	<0.0150	<0.0150	<0.0050
TMW-5 DUP	2/18/09	<0.00020	0.0669	<0.0200	0.516	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0372	<0.0200	0.59	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/10	<0.00020	0.0302	<0.0200	0.95	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/10	<0.0010	0.0341	<0.0200	1.9	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/10	<0.0010	0.0324	<0.0200	1.6	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	0.0454	<0.0200	3.46	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	0.0312	<0.0200	1.32	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/12	Not Sampled							
	8/7/12	Not Sampled							
	2/5/13	Not Sampled							
	8/5/13	Not Sampled							
	2/5/14	Not Sampled							
	8/5/14	Not Sampled							
	8/5/14	Not Sampled							
	8/5/14	Not Sampled							
TMW-6	2/17/09	<0.00020	0.0724	<0.0200	1.02	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	0.07123	<0.0200	0.517	<0.0050	<0.0150	<0.0150	<0.0050
	2/16/10	<0.00020	0.093	<0.0200	0.219	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	0.0867	<0.0200	0.213	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	0.0585	<0.0200	0.817	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/12	<0.00020 J	0.0445	<0.0200	0.268	<0.0050	<0.0150	0.0228	<0.0050
	8/14/12	<0.00020	0.0504	<0.0200	0.953	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/13	<0.00020	0.0568	<0.0200	0.322	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	0.0366	<0.0200	0.195	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.0020	0.0295	<0.0200	1.36	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/14	--	<0.0200 J	<0.0200	0.601	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/11/2015	<0.00020	0.0386	<0.0200	1.04	<0.0050	0.0016 J	<0.0150	<0.0050
	8/11/2015	<0.00020	0.0401	<0.0200	0.839	<0.0050	<0.0150	<0.0150	<0.0050

Notes:

- Dissolved Metal (Mercury) was analyzed by EPA Method 7470A.
- Dissolved Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Selenium & Silver) were analyzed by EPA Method 6010B.
- New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A
- mg/L (ppm) - milligrams per liter (parts per million)
- LNAPL - Light non-aqueous phase liquid
- Bold indicates that a COC was detected.
- Shading indicates that a detected result exceeded the NMWQCC Standard.
- J - Result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit

Page 1 of 7

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)	
NMWQCC Standard ³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05	
Deep Monitor Wells										
MWD-1	2/11/09	<0.00020	0.0263	<0.020	0.0429	<0.0050	<0.0150	<0.0150	<0.0050	
	8/6/09	<0.00020	<0.0200	<0.0200	0.0428	<0.0050	<0.0150	<0.0150	<0.0050	
	2/8/10	<0.00020	<0.0200	<0.0200	0.0447	<0.0050	<0.0150	<0.0150	<0.0050	
	8/4/10	<0.00020	0.0293	<0.0200	0.0338	<0.0050	<0.0150	<0.0150	<0.0050	
	4/14/11	<0.00020	0.0221	<0.0200	0.0453	<0.0050	<0.0150	<0.0150	<0.0050	
	8/17/11	<0.00020	<0.0200	0.0253	0.0515	<0.0050	<0.0150	<0.0150	<0.0050	
	2/13/12	<0.00020	0.0379 J	<0.0200	0.0310 J	<0.0050	<0.0150	<0.0150	<0.0050	
	2/13/12	<0.00020	<0.0200	<0.0200	0.0581 J	<0.0050	<0.0150	<0.0150	<0.0050	
	8/13/12	<0.00020	0.0210	<0.0200	0.0476	<0.0050	<0.0150	0.0201	<0.0050	
	2/6/13	<0.00020	0.0201	<0.0200	0.0345	<0.0050	<0.0150	<0.0150	<0.0050	
	8/7/13	<0.00020	<0.0200	<0.0200	0.0396	<0.0050	<0.0150	<0.0150	<0.0050	
	2/4/14	<0.00020	0.0158 J	0.0095 J	0.0483	<0.0050	<0.0150	<0.0150	<0.0050	
	8/6/14	<0.00020	<0.0200	<0.0200	0.0379	<0.0050	<0.0150	<0.0150	<0.0050	
(Dup)	2/6/15	<0.00020	0.0513	<0.0200	0.0484	<0.0050	0.0088 J	<0.0150	<0.0050	
	8/6/15	<0.00020	0.0572	<0.0200	0.0485	<0.00053 J	0.0087 J	<0.0150	<0.0050	
	MWD-2	2/10/09	<0.00020	<0.020	<0.020	0.0821	<0.0050	0.0219	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	0.0877	<0.0050	<0.0750	<0.0150	<0.0250	
	2/8/10	<0.00020	<0.100	<0.100	0.102	<0.0250	0.0206	<0.0750	<0.0050	
DUP	8/5/10	<0.00020	<0.0200	<0.0200	0.102	<0.0050	<0.0750	<0.0150	<0.0250	
	8/5/10	<0.00020	<0.0200	<0.0200	0.0941	<0.0050	<0.0750	<0.0150	<0.0250	
	4/15/11	<0.00020	<0.100	<0.100	0.0985	<0.0250	<0.0750	<0.0750	<0.0250	
	8/17/11	<0.00020	<0.0200	<0.100	0.0984	<0.0050	<0.0150	<0.0750	<0.0050	
	2/14/12	<0.00020	<0.0200	<0.0200	0.0731	<0.0050	<0.0150	<0.0150	<0.0050	
(DUP)	8/10/12	<0.00020	<0.0200	<0.0200	0.0851	<0.0050	<0.0150	<0.0150	<0.0050	
	2/5/13	<0.00020	<0.0200	<0.0200	0.0885	<0.0050	<0.0150	<0.0150	<0.0050	
	2/5/13	<0.00020	<0.0200	<0.0200	0.0850	<0.0050	<0.0150	<0.0150	<0.0050	
	8/8/13	<0.00020	<0.0200	<0.0200	0.111	<0.0050	<0.0150	<0.0150	<0.0050	
	2/4/14	<0.00020	<0.100	<0.100	0.146	<0.0250	0.0446 J	<0.0750	<0.0250	
(Dup)	8/6/14	<0.00020	<0.0200	<0.0200	0.0737	<0.0050	<0.0150	<0.0150	<0.0050	
	8/6/14	<0.00020	<0.0200	<0.0200	0.0735	<0.0050	<0.0150	<0.0150	<0.0050	
	2/4/15	<0.00020	<0.0200	0.0134 J	0.0642	<0.0050	0.0018 J	<0.0150	<0.0050	
	8/10/15	<0.00020	0.0103 J	<0.0200	0.0773	<0.0050	0.0016 J	<0.0150	--	
	MWD-4	2/5/09	<0.00020	0.0275	<0.0200	0.804	<0.0050	<0.0150	<0.0150	<0.0050
MWD-4	8/6/09	<0.00020	0.0344	<0.0200	0.51	<0.0050	<0.0150	<0.0150	<0.0050	
	2/5/10	<0.00020	0.0382	<0.0200	0.618	<0.0050	<0.0150	0.018	<0.0050	
	8/20/10	<0.00020	0.0331	<0.0200	0.45	<0.0050	<0.0150	<0.0150	<0.0050	
	4/14/11	<0.00020	0.0324	<0.0200	0.334	<0.0050	<0.0150	<0.0150	<0.0050	
	8/17/11	<0.00020	0.0257	<0.0200	0.468	<0.0050	<0.0150	<0.0150	<0.0050	
	2/9/12	<0.00020 J	<0.0200	<0.0200	0.542	0.0052	<0.0150	<0.0150	<0.0050	
	8/9/12	<0.00020	<0.0200	<0.0200	0.599	<0.0050	<0.0150	<0.0150	<0.0050	
	2/6/13	<0.00020	0.0222	<0.0200	0.242	<0.0050	<0.0150	<0.0150	<0.0050	
	8/6/13	<0.00020	<0.0200	<0.0200	0.137	<0.0050	<0.0150	<0.0150	<0.0050	
	2/4/14	<0.00020	0.0154 J	<0.0200	0.0777	<0.0050	<0.0150	<0.0150	<0.0050	
	8/5/14	<0.00020	<0.0200	<0.0200	0.0690	<0.0050	<0.0150	<0.0150	<0.0050	
	2/3/15	<0.00020	<0.0200	0.0814	0.0668	<0.0050	0.0017 J	<0.0150	<0.0050	
	8/7/15	<0.00020	0.0117 J	<0.0200	0.0696	<0.0050	0.0019 J	<0.0150	--	
	MWD-5	2/12/09	<0.00020	0.088	<0.0200	6.35	<0.0050	<0.0150	<0.0150	<0.0050
	MWD-5	8/12/09	<0.00020	0.116	<0.0200	5.69	<0.0050	<0.0150	<0.0150	<0.0050
2/9/10		<0.00020	0.143	<0.0200	6.91	<0.0050	<0.0150	<0.0150	<0.0050	
8/6/10		<0.00020	0.106	<0.0200	5.65	<0.0050	<0.0150	<0.0150	<0.0050	
4/15/11		0.00030	0.133	<0.0200	6.10	<0.0050	<0.0150	<0.0150	<0.0050	
8/15/11		<0.00020	0.0930	<0.0200	6.02	<0.0050	<0.0150	<0.0150	<0.0050	
2/6/12		Not Sampled								
8/8/12		<0.00020	<0.0200	<0.0200 J	7.96	<0.0050	<0.0150	<0.0150	<0.0050	
2/8/13		<0.00020	0.0203	<0.0200	7.65	<0.0050	<0.0150	<0.0150	<0.0050	
8/8/13		<0.00020 J	0.0698	<0.0200	4.26	<0.0050	<0.0150	<0.0150	<0.0050	
8/8/13		<0.00020 J	0.0651	<0.0200	4.39	<0.0050	<0.0150	<0.0150	<0.0050	
2/7/14		<0.0020	0.0293	<0.0200	6.83	<0.0050	0.0018 J	<0.0150	<0.0050	
8/11/14		--	0.948 J	<0.0200	0.515	<0.0050	<0.0150 J	<0.0150	<0.0050	
2/9/15		<0.00020	0.0204	0.0051 J	5.05	<0.0050	<0.0150	0.0124 J	<0.0050	
8/5/15		<0.00020	0.0205	<0.0200	5.10	<0.00037 J	0.0017 J	<0.0150	<0.0050	

TABLE 13
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MWD-6	2/12/09	<0.00020	<0.0200	<0.0200	0.274	<0.0050	<0.0150	<0.0150	<0.0050
DUP-1	8/7/09	<0.00020	<0.0200	<0.0200	1.7	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	<0.0200	<0.0200	1.56	<0.0050	<0.0150	<0.0150	<0.0050
(Dup)	2/5/10	<0.00020	<0.0200	<0.0200	1.41	<0.0050	<0.0150	0.0293	<0.0050
	8/20/10	<0.00020	<0.0200	<0.0200	2.01	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	<0.00020	<0.0200	<0.0200	1.49	<0.0050	<0.0150	<0.0150	<0.0050
	8/15/11	<0.00020	<0.0200	<0.0200	2.30	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/12	<0.00020 J	0.0329	<0.0200	1.33	<0.0050	<0.0150	0.0263	<0.0050
	8/8/12	<0.00020	<0.0200	<0.0200 J	1.13	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/12	<0.00020	<0.0200	<0.0200	1.15	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/13	<0.00020	<0.0200	<0.0200	0.918	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	0.686	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.0020	<0.0200	<0.0200	0.904	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/14	<0.00020	<0.0200	<0.0200	0.538	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/15	<0.00020	<0.0200	<0.0200	0.686	<0.0050	<0.0150	0.0115 J	<0.0050
	8/4/15	<0.00020	<0.0200	<0.0200	0.627	<0.00039 J	0.0016 J	<0.0150	<0.0050
MWD-7	2/11/09	<0.00020	<0.020	<0.020	0.0326	<0.0050	<0.0150	<0.0150	<0.0050
(Dup)	8/6/09	<0.00020	<0.0200	<0.0200	0.0361	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/10	<0.00020	<0.0200	<0.0200	0.0354	<0.0050	<0.0150	<0.0150	<0.0050
	8/4/10	<0.00020	<0.0200	<0.0200	0.0346	<0.0050	<0.0150	<0.0150	<0.0050
	4/14/11	<0.00020	<0.0200	<0.0200	0.0364	<0.0050	<0.0150	<0.0150	<0.0050
	8/17/11	<0.00020	<0.0200	<0.0200	0.0370	<0.0050	<0.0150	<0.0150	<0.0050
	2/16/12	<0.00020	<0.0200	<0.0200	0.0419	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/12	<0.00020	0.0266	<0.0200	0.0338	<0.0050	<0.0150	0.0172	<0.0050
	2/6/13	<0.00020	0.0205	<0.0200	0.0318	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	0.0214	<0.0200	0.0330	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0229 J	<0.0200	0.0324	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0139 J	<0.0200	0.0752	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/14	<0.00020	0.0229	<0.0200	0.0378	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/15	<0.00020	0.0159 J	<0.0200	0.0395	<0.0050	0.0032 J	<0.0150	<0.0050
	2/6/15	<0.00020	0.0131 J	<0.0200	0.0387	<0.0050	0.0025 J	<0.0150	<0.0050
	8/12/15	<0.00020	0.0198 J	<0.0200	0.0391	<0.0050	0.0018 J	<0.0150	<0.0050
MWD-8	2/10/09	<0.00020	<0.020	<0.020	0.0733	<0.0050	<0.0150	<0.0150	<0.0050
(Dup)	8/11/09	<0.00020	<0.0200	<0.0200	0.0716	<0.0050	0.0222	<0.0150	<0.0050
	2/8/10	<0.00020	<0.0200	<0.0200	0.069	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	<0.0200	<0.0200	0.0609	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	<0.00020	<0.0200	<0.0200	0.0652	<0.0050	0.0164	<0.0150	<0.0050
	8/17/11	<0.00020	<0.0200	<0.0200	0.0666	<0.0050	<0.0150	<0.0150	<0.0050
	2/13/12	<0.00020	<0.0200	<0.0200	0.0590	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	0.0555	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/13	<0.00020	<0.0200	<0.0200	0.0536 J	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020	<0.0200	<0.0200	0.0630	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0120 J	<0.0200	0.0586	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/14	<0.00020	<0.0200	<0.0200	0.0576	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/15	<0.00020	0.0121 J	<0.0200	0.0562	<0.0050	0.0016 J	<0.0150	<0.0050
	2/4/15	<0.00020	0.0164 J	0.0107 J	0.0629	<0.0050	0.0020 J	<0.0150	<0.0050
	8/6/15	<0.00020	0.0112 J	0.0094 J	0.0557	<0.00032 J	0.0027 J	<0.0150	<0.0050
MWD-10	2/12/09	<0.00020	0.0866	<0.0200	0.625	<0.0050	<0.0150	<0.0150	<0.0050
DUP-2	8/10/09	<0.00020	0.0739	<0.0200	0.517	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0717	<0.0200	0.499	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/10	<0.00020	0.0717	<0.0200	0.563	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	Not Sampled - LNAPL							
	8/19/11	<0.00020	0.0695	<0.0200	1.02	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/12	Not Sampled							
	8/7/12	Not Sampled							
	2/5/13	Not Sampled							
	8/5/13	Not Sampled							
	2/5/14	Not Sampled							
	8/5/14	Not Sampled							

TABLE 13
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MWD-11	2/10/09	<0.00020	<0.020	<0.020	0.0906	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	0.0849	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/10	<0.00020	<0.0200	<0.0200	0.0856	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	<0.0200	<0.0200	0.0736	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	<0.00020	<0.0200	<0.0200	0.0811	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	<0.00020	<0.0200	<0.0200	0.0813	<0.0050	<0.0150	<0.0150	<0.0050
	8/19/11	<0.00020	<0.0200	<0.0200	0.0856	<0.0050	<0.0150	<0.0150	<0.0050
	8/19/11	<0.00020	<0.0200	<0.0200	0.0835	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/12	<0.00020 J	<0.0200	<0.0200	0.0710	<0.0050	<0.0150	0.0345	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	0.0616	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200	0.0600	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/13	<0.00020	<0.0200	<0.0200	0.0807	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	<0.0200	<0.0200	0.0832	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	<0.0200	<0.0200	0.0820	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0079 J	<0.0200	0.0797	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/14	<0.00020	<0.0200	<0.0200	0.0450	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/15	<0.00020	0.0183 J	0.0079 J	0.0498	<0.0050	0.0024 J	<0.0150	<0.0050
	8/10/15	<0.00020	0.0217 J	0.0124 J	0.0483	<0.0050	0.0022 J	<0.0150	--
MWD-12	2/10/09	<0.00020	0.0534	<0.0200	0.502	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	0.0617	<0.0200	0.463	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/10	<0.00020	0.0629	<0.0200	0.481	<0.0050	<0.0150	<0.0150	<0.0050
	8/4/10	<0.00020	0.0636	<0.0200	0.41	<0.0050	<0.0150	<0.0150	<0.0050
	4/14/11	<0.00020	0.0632	<0.0200	0.363	<0.0050	<0.0150	<0.0150	<0.0050
	8/17/11	<0.00020	0.0572	<0.0200	0.404	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/12	<0.00020 J	0.0317	<0.0200	0.109	<0.0050	<0.0150	0.0299	<0.0050
	8/9/12	<0.00020	0.0761	<0.0200 J	0.346	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/13	<0.00020	0.0515	<0.0200	0.269	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020 J	0.0679	<0.0200	0.214	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.0020	0.0805	<0.0200	0.262	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/14	--	0.0662 J	<0.0200	0.464	<0.0050	<0.0150 J	<0.0150	<0.0050
	8/11/14	--	0.0714 J	<0.0200	0.469	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/9/15	<0.00020	0.0362	<0.0200	0.187	<0.0050	<0.0150	0.0065 J	<0.0050
	8/5/15	<0.00020	0.0463	<0.0200	0.200	<0.00039 J	0.0016 J	<0.0150	<0.0050
MWD-13 DUP-1	2/5/09	<0.00020	0.0244	<0.0200	0.0361	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/09	<0.00020	<0.0200	<0.0200	0.0363	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	0.0264	<0.0200	0.0747	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/10	<0.00020	0.0257	<0.0200	0.0285	<0.0050	<0.0150	0.0211	<0.0050
	8/20/10	<0.00020	0.0245	<0.0200	0.0289	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	<0.00020	<0.100	<0.100	0.0999	<0.0250	<0.0750	<0.0750	<0.0250
	8/17/11	<0.00020	0.0240	<0.100	0.0621	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/12	<0.00020 J	0.0531	<0.0200	0.0733	<0.0050	<0.0150	0.0346	<0.0050
	8/10/12	<0.00020	0.0232	<0.0200	0.0411	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/13	<0.00020	<0.0200	<0.0200	0.0743	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/13	<0.00020	0.0205	<0.0200	0.0650	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0172 J	<0.0200	0.0828	<0.0050	0.0018 J	<0.0150	<0.0050
	8/5/14	<0.00020	0.0594	0.0227	0.0904	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/15	<0.00020	0.0702	<0.0200	0.0693	<0.0050	0.0024 J	0.0059 J	<0.0050
	8/7/15	<0.00020	0.0464 J	<0.0200	0.0676	<0.0050	0.0027 J	<0.0150	--
MWD-14 DUP-4 (Dup)	2/12/09	<0.00020	0.0589	<0.0200	0.191	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0543	<0.0200	0.206	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/10	<0.00020	0.0612	<0.0200	0.201	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	0.052	<0.0200	0.34	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	Not Sampled							
	8/19/11	<0.00020	0.0587	<0.0200	0.422	<0.0050	<0.0150	<0.0150	<0.0050
	8/19/11	<0.00020	0.0602	<0.0200	0.394	<0.0050	<0.0750	<0.0150	<0.0250
	2/17/12	<0.00020	0.0585	<0.0200	0.602	<0.0050	<0.0150	0.0171	<0.0050
	2/17/12	<0.00020	0.0532	<0.0200	0.623	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/12	<0.00020	0.0265	<0.0200 J	1.42	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/13	<0.00020	<0.0200	<0.0200	1.12	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020 J	<0.0200	<0.0200	1.28	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.0020	0.0274	<0.0200	1.18	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/14	--	<0.0200 J	<0.0200	1.31	<0.0050	<0.0150 J	<0.0150	<0.0050
	2/11/15	<0.00020	0.0077 J	<0.0200	1.16	<0.0050	0.0015 J	<0.0150	<0.0050
	8/5/15	<0.00020	0.0079 J	<0.0200	0.997	<0.00033 J	<0.0150	<0.0150	<0.0050

TABLE 13
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MWD-15 DUP3	2/12/09	<0.00020	0.054	<0.0200	0.647	<0.0050	<0.0150	<0.0150	<0.0050
	2/12/09	<0.00020	0.0606	<0.0200	0.618	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.100	<0.100	0.377	<0.0250	<0.0750	<0.0750	<0.0250
	2/8/10	<0.00020	<0.100	<0.100	0.368	<0.0250	<0.0150	<0.0750	<0.0050
	8/5/10	<0.00020	0.0785	<0.0200	0.32	<0.0050	<0.0750	<0.0150	<0.0250
	4/15/11	<0.00020	<0.100	<0.100	0.103	<0.0250	<0.150	<0.0750	<0.0500
	8/19/11	<0.00020	0.0749	<0.0200	0.402	<0.0050	<0.0150	<0.0150	<0.0050
	2/16/12	<0.00020	<0.100	<0.100	0.0849	<0.0250	<0.0750	<0.0750	<0.0250
	8/10/12	<0.00020	0.0707	<0.0200	0.193	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/13	<0.00020	0.120	<0.0200	0.283	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020	0.0559	<0.0200	0.270	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0905	<0.0200	0.162	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/14	--	0.0971	<0.0200	0.144	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/15	<0.00020	0.0312	<0.0200	1.68	<0.0050	0.0014 J	<0.0150	<0.0050
	8/11/15	<0.00020	0.0953	<0.0200	0.545	<0.0050	0.0015 J	<0.0150	<0.0050
(Dup)	8/11/15	<0.00020	0.0881	<0.0200	0.595	<0.0050	<0.0150	<0.0150	<0.0050
MWD-16	2/12/09	<0.00020	0.0376	<0.0200	0.833	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0484	<0.0200	0.703	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/10	<0.00020	0.0426	<0.0200	0.76	<0.0050	<0.0150	<0.01150	<0.0050
	8/5/10	<0.00020	0.0399	<0.0200	0.725	<0.0050	<0.0150	<0.0150	<0.0050
	4/15/11	Not Sampled							
	8/8/11	No Access - Construction on Site							
	2/6/12	Not Sampled							
	8/7/12	Not Sampled							
	2/8/13	Not Sampled							
	8/8/13	Not Sampled							
	2/5/14	Not Sampled							
	8/5/14	Not Sampled							
	8/5/14	Not Sampled							
MWD-17	2/12/09	<0.00020	0.471	<0.0200	0.366	<0.0050	<0.0150	<0.0750	<0.0250
	8/12/09	<0.00020	0.616	<0.100	0.169	<0.0250	<0.0750	<0.0750	<0.0250
	2/9/10	<0.00020	0.535	<0.100	0.509	<0.0250	<0.0150	<0.0750	<0.0050
	8/6/10	<0.00020	0.669	<0.100	0.387	<0.0250	<0.0750	<0.0750	<0.0250
	4/15/11	<0.00020	0.376	<0.100	0.513	<0.0250	<0.0750	<0.0750	<0.0250
	8/16/11	<0.00020	0.600	<0.100	0.181	<0.0250	<0.0750	<0.0750	<0.0250
	2/21/12	<0.00020	0.999	<0.0200	0.222	<0.0050	<0.0150	<0.0150	<0.0050
	8/24/12	<0.00070	<0.0680	<0.0750	0.493	<0.0036	<0.0110	<0.0510	<0.0120
	2/11/13	<0.00020	1.13	<0.0200	0.170	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020	1.30	<0.0200	0.126	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.0020	0.429	<0.0200	0.236	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/14	--	<0.100	<0.100	0.0768	<0.0250	<0.0750	<0.0750	<0.0250
	2/10/15	<0.00020	0.0698	<0.0200	1.11	<0.0050	<0.0150	0.0062 J	<0.0050
	8/12/15	<0.00020	0.0819	<0.0200	1.06	<0.0050	0.0018 J	<0.0150	<0.0050
Off Site Water Wells									
WW-1	2/2/09	Not Sampled							
	8/10/09	Not Sampled							
	2/9/10	Not Sampled							
	8/6/10	Not Sampled							
	4/15/11	Not Sampled							
	8/9/11	Not Sampled							
	2/6/12	Not Sampled							
	8/7/12	Not Sampled							
	2/6/13	Not Sampled							
	8/6/13	Not Sampled							
	2/5/14	Not Sampled							
	8/5/14	Not Sampled							

TABLE 13
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
WW-2	2/2/09				Not Sampled				
	8/10/09				Not Sampled				
	2/9/10				Not Sampled				
	8/6/10				Not Sampled				
	4/15/11				Not Sampled				
	8/9/11				Not Sampled				
	2/6/12				Not Sampled				
	8/7/12				Not Sampled				
	2/6/13				Not Sampled				
	8/6/13				Not Sampled				
	2/5/14				Not Sampled				
	8/5/14				Not Sampled				
	8/5/14				Not Sampled				
WW-3	2/2/09				Not Sampled				
	8/10/09				Not Sampled				
	2/9/10				Not Sampled				
	8/6/10				Not Sampled				
	4/15/11				Not Sampled				
	8/9/11				Not Sampled				
	2/6/12				Not Sampled				
	8/7/12				Not Sampled				
	2/6/13				Not Sampled				
	8/6/13				Not Sampled				
	2/5/14				Not Sampled				
	8/5/14				Not Sampled				
	8/5/14				Not Sampled				
WW-4	2/3/09				Not Sampled				
	8/10/09				Not Sampled				
	2/9/10				Not Sampled				
	8/6/10				Not Sampled				
	4/15/11				Not Sampled				
	8/9/11				Not Sampled				
	2/6/12				Not Sampled				
	8/7/12				Not Sampled				
	2/6/13				Not Sampled				
	8/6/13				Not Sampled				
	2/5/14				Not Sampled				
	8/5/14				Not Sampled				
	8/5/14				Not Sampled				
WW-5	2/3/09				Not Sampled				
	8/10/09				Not Sampled				
	2/9/10				Not Sampled				
	8/6/10				Not Sampled				
	4/15/11				Not Sampled				
	8/9/11				Not Sampled				
	2/6/12				Not Sampled				
	8/7/12				Not Sampled				
	2/6/13				Not Sampled				
	8/6/13				Not Sampled				
	2/5/14				Not Sampled				
	8/5/14				Not Sampled				
	8/5/14				Not Sampled				

TABLE 13
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard ³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
WW-6	2/3/09					Not Sampled			
	8/10/09					Not Sampled			
	2/9/10					Not Sampled			
	8/6/10					Not Sampled			
	4/15/11					Not Sampled			
	8/9/11					Not Sampled			
	2/6/12					Not Sampled			
	8/7/12					Not Sampled			
	2/6/13					Not Sampled			
	8/6/13					Not Sampled			
	2/5/14					Not Sampled			
	8/5/14					Not Sampled			
	8/5/14					Not Sampled			
WW-7	2/2/09					Not Sampled			
	8/10/09					Not Sampled			
	2/9/10					Not Sampled			
	8/6/10					Not Sampled			
	4/15/11					Not Sampled			
	8/9/11					Not Sampled			
	2/6/12					Not Sampled			
	8/7/12					Not Sampled			
	2/6/13					Not Sampled			
	8/6/13					Not Sampled			
	2/5/14					Not Sampled			
	8/5/14					Not Sampled			
	8/5/14					Not Sampled			
Deep Chloride Recovery Wells									
MWD-3	2/11/09	<0.00020	<0.100	<0.020	0.461	<0.0250	<0.0150	<0.0750	<0.0250
	8/18/09	<0.00020	<0.100	<0.100	0.744	<0.0250	<0.0750	<0.0750	<0.0250
	2/2/10	<0.00020	<0.100	<0.200	0.273	<0.0250	<0.150	<0.0750	<0.0250
	8/3/10	<0.00020	<0.200	<0.200	0.275	<0.0500	<0.150	<0.150	<0.0500
	4/15/11	Not Sampled - Pump							
	8/9/11	Not Sampled - Pump							
	2/6/12	Not Sampled - Pump							
	8/7/12	Not Sampled - Pump							
	2/5/13	Not Sampled - Pump							
	8/5/13	Not Sampled - Pump							
	2/5/14	Not Sampled - Pump							
	8/5/14	Not Sampled - Pump							
	8/5/14	Not Sampled - Pump							
MWD-9	2/11/09	<0.00020	<0.100	<0.020	0.0765	<0.0050	<0.0150	<0.0750	<0.0250
	8/17/09	<0.00020	<0.100	<0.100	0.0852	<0.0250	<0.0750	<0.0750	<0.0250
	2/2/10	<0.00020	<0.100	<0.100	0.0599	<0.0250	<0.0750	<0.0750	<0.0050
	8/3/10	<0.00020	0.0245	<0.0200	0.0645	<0.0050	<0.0750	<0.0150	<0.0250
	4/15/11	Not Sampled - Pump							
	8/9/11	Not Sampled - Pump							
	2/6/12	Not Sampled - Pump							
	8/7/12	Not Sampled - Pump							
	2/5/13	Not Sampled - Pump							
	8/5/13	Not Sampled - Pump							
	2/5/14	Not Sampled - Pump							
	8/5/14	Not Sampled - Pump							
	8/5/14	Not Sampled - Pump							
(Dup)	8/13/15	0.000062 J	0.0271	<0.0200	0.0579	<0.0050	0.0088 J	<0.0150	<0.0050
	8/13/15	<0.00020	0.0273	<0.0200	0.0586	<0.0050	0.0090 J	<0.0150	<0.0050

TABLE 13
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
RW-6	2/11/09	<0.00020	0.0252	<0.0200	0.505	<0.0050	<0.0150	<0.0750	<0.0250
	8/17/09	<0.00020	<0.100	<0.100	0.409	<0.0250	<0.0750	<0.0750	<0.0250
	2/2/10	<0.00020	<0.100	<0.100	0.573	<0.0250	<0.0750	<0.0750	<0.0050
	8/3/10	<0.00020	<0.100	<0.100	0.261	<0.0250	<0.0750	<0.0750	<0.0250
	4/15/11	Not Sampled - Pump							
	8/9/11	Not Sampled - Pump							
	2/6/12	Not Sampled - Pump							
	8/7/12	Not Sampled - Pump							
	2/5/13	Not Sampled - Pump							
	8/9/13	<0.00020 J	<0.0200	<0.0200	1.20	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	<0.0200	<0.0200	1.30	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/14	<0.00020	<0.0200	<0.0200	1.25	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/15	<0.00020	<0.0200	<0.0200	1.05	<0.0050	<0.0150	0.0146 J	<0.0050
	8/12/15	<0.00020	<0.0200	<0.0200	1.30	<0.0050	<0.0150	<0.0150	<0.0050
RW-7	2/12/09	0.0155	<0.100	<0.100	0.0679	<0.0250	0.0278	<0.0750	<0.0250
	8/17/09	<0.00020	<0.100	<0.100	0.0764	<0.0250	<0.0750	<0.0750	<0.0250
	2/2/10	<0.00020	<0.100	<0.200	0.0716	<0.0250	<0.150	<0.0750	<0.0250
	8/3/10	<0.00020	<0.100	<0.100	0.0665	<0.0250	<0.0750	<0.0750	<0.0250
	4/15/11	Not Sampled - Pump							
	8/9/11	Not Sampled - Pump							
	2/6/12	Not Sampled - Pump							
	8/7/12	Not Sampled - Pump							
	2/5/13	Not Sampled - Pump							
	8/9/13	<0.00020 J	<0.0200	<0.0200	0.185	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0146 J	<0.0200	0.154	<0.0050	0.0016 J	<0.0150	<0.0050
	8/7/14	<0.00020	<0.0200	<0.0200	0.103	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/15	<0.00020	0.0172 J	0.0161 J	0.121	<0.0050	0.0024 J	0.0065 J	<0.0050
	8/12/15	<0.00020	0.0098 J	0.0091 J	0.0949	<0.0050	0.0021 J	<0.0150	<0.0050
RW-8	2/12/09	<0.00020	0.0216	<0.0200	0.311	<0.0050	<0.0150	<0.0150	<0.0050
	10/1/09	<0.00020	0.0212	<0.0200	0.322	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/09	<0.00020	0.0243	<0.0200	0.36	<0.0050	<0.0150	<0.0150	<0.0050
	8/20/10	<0.00020	<0.100	<0.100	0.0652	<0.0250	<0.0750	<0.0750	<0.0250
	4/15/11	Not Sampled - Pump							
	8/9/11	Not Sampled - Pump							
	2/6/12	Not Sampled - Pump							
	8/7/12	Not Sampled - Pump							
	2/5/13	Not Sampled - Pump							
	8/8/13	<0.00020	0.0454	<0.0200	0.481	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0161 J	<0.0200	0.396	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	0.0167 J	<0.0200	0.395	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/14	<0.00020	0.152	<0.0200	0.0681	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/15	<0.00020	0.0391	<0.0200	0.0476	<0.0050	0.0014 J	<0.0150	<0.0050
(Dup)	8/10/15	<0.00020	0.0730 J	<0.0200	0.0632	<0.0050	<0.0150	<0.0150	--
	8/10/15	<0.00020	0.0851 J	<0.0200	0.0640	<0.0050	0.0020 J	<0.0150	--

Notes:

- Dissolved Metal (Mercury) was analyzed by EPA Method 7470A.
- Dissolved Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Selenium & Silver) were analyzed by EPA Method 6010B.
- New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A
- mg/L (ppm) - milligrams per liter (parts per million)
- LNAPL - Light non-aqueous phase liquid
- Bold indicates that a COC was detected.
- Shading indicates that a detected result exceeded the NMWQCC Standard.
- J - Result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit

Appendices

Appendix A

NMCOD Discharge Permit GW-003

DISCHARGE PERMIT GW-003

1. GENERAL PROVISIONS:

A. PERMITTEE AND PERMITTED FACILITY: The Oil Conservation Division (OCD) of the Energy, Minerals and Natural Resources Department issues Discharge Permit GW-003 (Discharge Permit) to Chevron U.S.A., Inc. (Owner/Operator), located at 1400 Smith Street, Houston, Texas 77002 to abate ground water and vadose zone contamination at its Eunice South Gas Plant (Facility) located in the NW/4 of the SW/4 of Section 27, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico. The facility is located approximately 4.5 miles south of Eunice, New Mexico between State Highway 207 (Eunice-Hobbs Highway) and State Highway 18.

Versado L.L.P. (Versado) is a limited partnership between Chevron and Targa Midstream Services (Targa). Versado is the current landowner of record for the land parcel where the Eunice South Gas Plant is located. The Facility is inactive; however, Targa on behalf of Versado presently operates a compressor station and operates a UIC Class II injection well.

When its ground water recovery system is operational, Chevron discharges approximately 180,000 barrels (7,560,000 gallons) per year of contaminated ground water. Ground water that may be affected by a spill, leak, or accidental discharge occurs at a depth of approximately 49 - 54 feet below ground surface, with a total dissolved solids concentration of approximately 1,000 - 1,300 mg/L.

B. SCOPE OF PERMIT: OCD has been granted authority to administer the Water Quality Act (Chapter 74, Article 6 NMSA 1978) as it applies to gas processing plants by statute and by delegation from the Water Quality Control Commission pursuant to Section 74-6-4(E) NMSA 1978.

The Water Quality Act and the rules issued under that Act protect ground water and surface water of the State of New Mexico by providing that, unless otherwise allowed by rule, no person shall cause or allow effluent or leachate to discharge so that it may move directly or indirectly into ground water unless such discharge is pursuant to an approved discharge plan. See 20.6.2.3104 NMAC and 20.6.2.3106 NMAC.

This Discharge Permit does not authorize any treatment of, or on-site disposal of, any materials, product, by-product, or oil field waste, including, but not limited to, the on-site disposal of lube oil, glycol, antifreeze, filters, elemental sulfur, washdown water, contaminated soil, and cooling tower blowdown water.

This Discharge Permit does not convey any property rights of any sort nor any exclusive privilege, and does not authorize any injury to persons or property, any invasion of other private rights, or any infringement of state, federal, or local laws, rules or regulations.

The Owner/Operator shall operate in accordance with the Discharge Permit conditions to comply with the Water Quality Act and the rules issued pursuant to that Act, so that neither a hazard to public health nor undue risk to property will result (see 20.6.2.3109C NMAC); so that no discharge will cause or may cause any stream standard to be violated (see 20.6.2.3109H(2) NMAC); so that no discharge of any water contaminant will result in a hazard to public health, (see 20.6.2.3109H(3) NMAC); and so that the numerical standards specified of 20.6.2.3103 NMAC are not exceeded.

The Owner/Operator shall not allow or cause water pollution, discharge, or release of any water contaminant that exceeds the Water Quality Control Commission (WQCC) standards specified at 20.6.2.3101 NMAC and 20.6.2.3103 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams).

C. DISCHARGE PERMIT CONDITIONS: By signing this Discharge Permit, the Owner/Operator agrees to the specific provisions set out in this document, and the commitments made in the approved Discharge Plan Application and the attachments to that application, which are incorporated into the Discharge Permit by reference.

If this Discharge Permit is a permit renewal, it replaces the permit being renewed. Replacement of a prior permit does not relieve the Owner/Operator of its responsibility to comply with the terms of that prior permit while that permit was in effect.

D. DEFINITIONS: Terms not specifically defined in this Discharge Permit shall have the same meanings as those in the Water Quality Act or the rules adopted pursuant to that Act, as the context requires.

E. FILING FEES AND PERMIT FEES: Pursuant to 20.6.2.3114 NMAC, every facility that submits a discharge permit application for initial approval or renewal shall pay the permit fees specified in Table 1 and the filing fee specified in Table 2 of 20.6.2.3114 NMAC. OCD has already received the required \$100.00 filing fee for this application. The flat fee for "Abatement of Ground Water and Vadose Zone Contamination at Oil and Gas Sites" is \$2,600.00. The Owner/Operator shall submit this amount along with the signed Discharge Permit. Checks should be payable to the "**New Mexico Water Quality Management Fund**," not the Oil Conservation Division.

F. EFFECTIVE DATE, EXPIRATION, RENEWAL CONDITIONS, AND PENALTIES FOR OPERATING WITHOUT A DISCHARGE PERMIT: This Discharge Permit is effective when the Division's Environmental Bureau receives the signed Discharge Permit from the Owner/Operator and the \$2,600.00 fee. This Discharge Permit will expire on March 16, 2016. The Owner/Operator shall submit an application for renewal no later than 120 calendar days before that expiration date, pursuant to 20.6.2.3106F NMAC. If an Owner/Operator submits a renewal application at least 120 calendar days before the Discharge Permit expires and is in compliance with the approved Discharge Permit, then the existing Discharge Permit will not expire until OCD has approved or disapproved the renewal application. Operating with an expired Discharge Permit may subject the Owner/Operator to

civil and/or criminal penalties. See Section 74-6-10.1 NMSA 1978 and Section 74-6-10.2 NMSA 1978.

G. MODIFICATIONS: The Owner/Operator shall notify the Division's Environmental Bureau of any facility expansion, production increase, or process modification that would result in any significant modification in the discharge of water contaminants. See 20.6.2.3107C NMAC. The Division's Environmental Bureau may require the Owner/Operator to submit a permit modification pursuant to 20.6.2.3109E NMAC and may modify or terminate a permit pursuant to Section 74-6-5(M) through (N) NMSA 1978.

H. TRANSFER OF DISCHARGE PERMIT: Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of the Facility, the transferor shall notify the transferee in writing of the existence of the Discharge Permit, and shall deliver or send by certified mail to the Division's Environmental Bureau a copy of such written notification, together with a certification or other proof that such notification has been received by the transferee pursuant to 20.6.2.3111 NMAC. Upon receipt of such notification, the transferee shall inquire into all of the provisions and requirements contained in the Discharge Permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the Division's file or files concerning the Discharge Permit. Upon assuming either ownership or possession of the Facility the transferee shall have the same rights and responsibilities under the Discharge Permit as were applicable to the transferor. See 20.6.2.3111 NMAC.

Transfer of the ownership, control, or possession of the Facility does not relieve the transferor of responsibility or liability for any act or omission which occurred while the transferor owned, controlled, or was in possession of the Facility. See 20.6.2.3111E NMAC.

I. CLOSURE PLAN AND FINANCIAL ASSURANCE: The Owner/Operator shall notify the Division's Environmental Bureau in writing when any operations of its Facility are to be discontinued for a period in excess of six months. Upon review of the Owner/Operator's notice, the Division's Environmental Bureau will determine whether to modify this permit pursuant to 20.6.2.3107 NMAC and 20.6.2.3109E NMAC or to require the Owner/Operator to submit a closure plan and/or post-closure plan, including financial assurance.

J. COMPLIANCE AND ENFORCEMENT: If the Owner/Operator violates or is violating a condition of this Discharge Permit, the Division's Environmental Bureau may issue a compliance order requiring compliance immediately or within a specified time period, suspending or terminating this Discharge Permit, and/or assessing a civil penalty. See Section 74-6-10 NMSA 1978. The Division's Environmental Bureau may also commence a civil action in district court for appropriate relief, including injunctive relief. See Section 74-6-10(A)(2) NMSA 1978 and Section 74-6-11 NMSA 1978. The Owner/Operator may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with

or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation. See Section 74-6-10.2 NMSA 1978.

2. GENERAL FACILITY OPERATIONS:

A. OPERATIONAL MONITORING: The Owner/Operator shall comply with its approved monitoring programs pursuant 20.6.2.3107 NMAC.

1. Ground Water Monitoring System: The Owner/Operator shall monitor and sample all ground water monitor wells in accordance with its approved ground water abatement program.

2. Disposal of Chloride Contaminated Ground Water:

a. The Owner/Operator shall monitor its ground water recovery wells in accordance with its approved ground water abatement program.

b. The Owner/Operator shall determine the monthly volume and Total Dissolved Solids concentration of the contaminated ground water that it disposes of in accordance with its approved ground water abatement program.

B. CONTINGENCY PLANS: The Owner/Operator shall implement its approved Contingency Plans to cope with failure of the discharge permit or system in accordance with Permit Condition 2.F.

C. CLOSURE PLAN: After completing abatement of all ground water and vadose contamination required under Permit Condition 2.G, the Owner/Operator shall perform the following closure measures:

1. Remove or plug all lines leading to and from ground water recovery or injection wells so that a discharge can no longer occur.

2. Remove all abatement system components from the site, if applicable.

3. After receiving notification from the Division's Environmental Bureau that post-closure monitoring may cease, the Owner/Operator shall plug and abandon its monitor well(s).

D. RECORD KEEPING: The Owner/Operator shall maintain records of all inspections required by this Discharge Permit at its local office located at 240 Avenue O, Eunice, NM 88231 for a minimum of five years and shall make those records available for inspection by the Division's Environmental Bureau.

E. RELEASE REPORTING: The Owner/Operator shall comply with the following permit conditions, pursuant to 20.6.2.1203 NMAC, if it determines that a release of oil or other water contaminant, in such quantity as may with reasonable probability injure or be detrimental

to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, has occurred. The Owner/Operator shall report unauthorized releases of water contaminants in accordance with any additional commitments made in its approved Contingency Plan. If the Owner/Operator determines that any constituent exceeds the standards specified at 20.6.2.3103 NMAC, then it shall report a release to the Division's Environmental Bureau.

1. Oral Notification: As soon as possible after learning of such a discharge, but in no event more than twenty-four (24) hours thereafter, the Owner/Operator shall orally notify the Division's Environmental Bureau. The Owner/Operator shall provide the following:

- the name, address, and telephone number of the person or persons in charge of the facility, as well as of the Owner/Operator of the facility;
- the name and location of the facility;
- the date, time, location, and duration of the discharge;
- the source and cause of discharge;
- a description of the discharge, including its chemical composition;
- the estimated volume of the discharge; and,
- any actions taken to mitigate immediate damage from the discharge.

2. Written Notification: Within one week after the Owner/Operator has learned of the discharge, the Owner/Operator shall send written notification to the Division's Environmental Bureau verifying the prior oral notification as to each of the foregoing items and providing any appropriate additions or corrections to the information contained in the prior oral notification.

F. ABATEMENT PLAN: Pursuant to 20.6.2.4105A(6) NMAC, an Owner/Operator is exempt from the requirement to obtain and implement an Abatement Plan, as required in 20.6.2.4104 NMAC. However, an Owner/Operator's Discharge Permit must address abatement of contaminated ground water and be consistent with the requirements and provisions of Sections 20.6.2.4101, 20.6.2.4103, Subsections C and E of Section 20.6.2.4106, Sections 20.6.2.4107 and 20.6.2.4112 NMAC.

1. Purpose of Abatement Plan: The Owner/Operator shall abate polluted ground water so as to either remediate or protect the ground water for use as domestic and agricultural water supply.

2. Abatement Standards and Requirements: The Owner/Operator shall abate the vadose zone so that water contaminants in the vadose zone shall not contaminate ground water or surface water, through leaching, percolation or as the water table elevation fluctuates. The Owner/Operator, where the Total Dissolved Solids concentration is 10,000 mg/L or less, shall abate contaminated ground water so that toxic pollutant(s), as defined in 20.6.2.7WW NMAC, shall not be present and so that the standards of 20.6.2.3103 NMAC shall be met.

3. Ground Water Abatement: The Owner/Operator shall implement its approved ground water abatement program until it has remediated the contaminated ground water to meet the standards and requirements set forth in 20.6.2.4103 NMAC.

4. Completion and Termination: Pursuant to 20.6.2.4112 NMAC, abatement shall be considered complete when the standards and requirements specified in 20.6.2.4103 NMAC are met. At that time, the Owner/Operator shall submit an abatement completion report, documenting compliance with the standards and requirements set forth in 20.6.2.4103 NMAC and this Discharge Permit, to Division's Environmental Bureau for approval. The abatement completion report also shall propose any changes to long term monitoring and site maintenance activities, if needed, to be performed after termination of the abatement plan.

G. OTHER REQUIREMENTS:

1. Inspection and Entry: Pursuant to 20.6.2.4107A NMAC, the Owner/Operator shall allow the Division's Environmental Bureau, upon the presentation of proper credentials, to:

- enter the facility at reasonable times;
- inspect and copy records required by this discharge permit;
- inspect any treatment works, monitoring, and analytical equipment;
- sample any wastes, ground water, surface water, stream sediment, plants, animals, or vadose-zone material including vadose-zone vapor;
- use the Owner/Operator's monitoring systems and wells in order to collect samples; and
- gain access to off-site property not owned or controlled by the Owner/Operator, but accessible to the Owner/Operator through a third-party access agreement, provided that it is allowed by the agreement.

2. Advance Notice: Pursuant to 20.6.2.4107B NMAC, The Owner/Operator shall provide the Division's Environmental Bureau with at least four (4) working days advance notice of any sampling to be performed pursuant to this Discharge Permit, or any well plugging, abandonment or destruction at the facility site.

3. Plugging and Abandonment: Pursuant to 20.6.2.4107C NMAC, the Owner/Operator shall request by certified mail, approval by the Division's Environmental Bureau to plug and abandon a monitor well, unless such approval is required from the State Engineer. The proposed action shall be designed to prevent water pollution that could result from water contaminants migrating through the well or borehole. The proposed action shall not take place without written approval from the Division's Environmental Bureau, unless written approval or disapproval is not received by the Owner/Operator within thirty (30) days of the date of receipt of the proposal.

H. ANNUAL REPORT: The Owner/Operator shall submit its annual report for each calendar year pursuant to 20.6.2.3107 NMAC to the Division's Environmental Bureau by March 15th of the following year . The annual report shall include the following:

1. Results of its ground water monitoring program; including:
 - summary tables listing laboratory analytic results of all ground water and soil samples. Any WQCC constituent found to exceed the groundwater standard shall be highlighted and noted in the annual report. Copies of the most recent year's laboratory analytical data sheets shall also be submitted.
 - annual water table potentiometric maps. A corrected water table elevation shall be determined for all wells containing non-aqueous phase liquids. These maps shall show well locations, pertinent site features, and the direction and magnitude of the hydraulic gradient.
 - semi-annual isopleth maps for the following constituents: non-aqueous phase liquids; chlorides; and, BTEX.
 - semi-annual geologic cross-sections (both dip and strike), using the geologic/lithologic logs from the monitor, recovery, and injection wells, depicting the concentrations for the following constituents: non-aqueous phase liquids; chlorides; and, BTEX.
 - estimate or measure of the volume of contaminated ground water discharged during each quarter and the total volume discharged to date.
2. Summary of any releases and corrective actions taken in accordance with its approved Contingency Plan.
3. **CLASS V WELLS:** Pursuant to 20.6.2.5002B NMAC, leach fields and other wastewater disposal systems at Division-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are UIC Class V injection wells. This Discharge Permit does not authorize the use of a Class V injection well for the disposal of industrial waste at the Facility. Pursuant to 20.6.2.5005 NMAC, the Owner/Operator shall close any Class V industrial waste injection wells at its Facility that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes (*e.g.*, septic systems, leach fields, dry wells, *etc.*) within 90 calendar days of the issuance of this Discharge Permit. The Owner/Operator shall document the closure of any Class V wells used for the disposal of non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes other than contaminated ground water in its Annual Report.

Other Class V wells, including wells used only for the injection of domestic wastes, must be permitted by the New Mexico Environment Department.

4. **SCHEDULE OF COMPLIANCE:**

A. PERMIT CERTIFICATION: The Owner/Operator shall sign and return this Permit to the Division's Environmental Bureau within 45 days of its receipt of this Permit.

B. SUBMISSION OF THE PERMIT FEES: As specified in Permit Condition 1.F, the Owner/Operator shall submit the fee of \$2,600.00 along with the signed Discharge

Permit within 45 days of the receipt of the Discharge Permit. Checks should be payable to the "New Mexico Water Quality Management Fund," not the Oil Conservation Division.

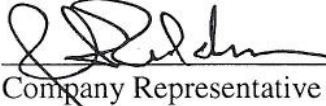
C. ANNUAL REPORT: As specified in Permit Condition 2.H, the Owner/Operator shall submit its annual report to the Division's Environmental Bureau by March 15th of the following year.

D. REQUIREMENT TO RESUME ABATEMENT PROGRAM: In February 2011, Chevron notified OCD that Targa would no longer allow Chevron to discharge contaminated ground water to its on-site UIC Class II injection well. Consequently, Chevron temporarily ceased operating its ground water abatement program. Chevron shall propose an alternate method of disposing the contaminated ground water to OCD no later than ninety (90) days after the issuance of this discharge permit.

5. CERTIFICATION: (OWNER/OPERATOR) by the officer whose signature appears below, acknowledges receipt of this Discharge Permit, and has reviewed its terms and conditions.

Chevron U.S.A. INC.
Company Name - print name

Robert A. Guldner
Company Representative - print name


Company Representative - Signature

Title: Manager OE/HES

Date: 01/23/2012

Appendix B

Historical Groundwater Tables

TABLE 1
CUMULATIVE GROUNDWATER MEASUREMENT DATA

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-1	09/10/96	3335.09	53.88	53.88	3281.21	3281.21	0.00
	05/28/97	3335.09	50.72	53.45	3281.64	3281.64	2.73
	12/07/98	3335.09	51.32	53.63	3281.46	3281.46	2.31
	08/23/00	3335.09	51.30	53.37	3281.72	3281.72	2.07
	03/22/01	3335.09	52.85	54.94	3280.15	3280.15	2.09
	10/16/01	3335.09	52.76	54.97	3280.12	3280.12	2.21
	04/15/02	3335.09	52.90	55.07	3280.02	3280.02	2.17
	09/13/02	3335.09	52.86	59.11	3275.98	3275.98	6.25
	04/21/03	3335.09	52.76	54.82	3280.27	3280.27	2.06
	10/20/03	3335.09	52.81	54.95	3280.14	3280.14	2.14
	02/20/04	3335.09	52.81	54.99	3280.10	3280.10	2.18
	04/06/04	3335.09	52.78	55.00	3280.09	3280.09	2.22
	04/19/04	3335.09	52.36	54.80	3280.29	3280.29	2.44
	07/26/04	3335.09	52.81	54.92	3280.17	3280.17	2.11
	11/02/04	3335.09	52.39	53.68	3281.41	3281.41	1.29
	02/14/05	3335.09	52.39	52.94	3282.15	3282.15	0.55
	05/16/05	3335.09	52.50	52.50	3282.59	3282.59	0.00
	09/10/05	3335.09	----	----	----	----	----
	11/28/05	3336.85	54.05	54.28	3282.57	3282.57	0.23
	02/24/06	3336.85	53.98	54.30	3282.55	3282.55	0.32
	05/02/06	3336.85	54.08	54.26	3282.59	3282.59	0.18
	08/08/06	3336.85	54.16	54.16	3282.69	3282.69	sheen
	11/01/06	3336.85	54.16	54.16	3282.69	3282.69	0.00
	05/25/07	3336.85	53.88	54.24	3282.61	3282.61	0.36
	10/26/07	3336.85	54.79	53.75	3283.10	3283.10	1.04
	06/05/08	3336.85	NR	53.68	3283.17	3283.17	NR
	10/21/08	3336.85	51.90	54.08	3282.77	3282.77	2.18

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-2	09/10/96	3335.70	55.96	55.96	3279.74	3279.74	0.00
	05/28/97	3335.70	50.82	53.79	3281.91	3281.91	2.97
	12/07/98	3335.70	51.37	53.87	3281.83	3281.83	2.50
	08/23/00	3335.70	51.36	53.61	3282.09	3282.09	2.25
	03/22/01	3335.70	53.05	55.33	3280.37	3280.37	2.28
	10/16/01	3335.70	52.97	55.18	3280.52	3280.52	2.21
	04/15/02	3335.70	53.11	55.50	3280.20	3280.20	2.39
	09/13/02	3335.70	53.07	55.55	3280.15	3280.15	2.48
	04/21/03	3335.70	52.89	53.86	3281.84	3281.84	0.97
	10/20/03	3335.70	53.02	55.46	3280.24	3280.24	2.44
	02/20/04	3335.70	53.02	55.53	3280.17	3280.17	2.51
	04/06/04	3335.70	52.85	54.70	3281.00	3281.00	1.85
	04/19/04	3335.70	52.95	55.39	3280.31	3280.31	2.44
	07/26/04	3335.70	53.01	55.18	3280.52	3280.52	2.17
	11/02/04	3335.70	52.58	54.48	3281.22	3281.22	1.90
	02/14/05	3335.70	52.38	54.06	3281.64	3281.64	1.68
	05/16/05	3335.70	52.41	54.00	3281.70	3281.70	1.59
	09/10/05	3335.70	---	---	---	---	---
	11/28/05	3337.40	53.95	55.44	3281.96	3281.96	1.49
	02/24/06	3337.40	53.90	55.42	3281.98	3281.98	1.52
	05/02/06	3337.40	53.99	55.58	3281.82	3281.82	1.59
	08/08/06	3337.40	54.03	55.83	3281.57	3281.57	1.80
	11/01/06	3337.40	54.01	55.65	3281.75	3281.75	1.64
	05/25/07	3337.40	55.35	55.65	3281.75	3281.75	0.30
	10/26/07	3337.40	55.78	53.74	3283.66	3283.66	2.04
	06/05/08	3337.40	53.74	53.74	3283.66	3283.66	NA
	10/21/08	3337.40	53.77	56.26	3281.14	3281.14	2.49

Tab 3
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-3	05/28/97	3339.65	57.65	57.65	3282.00	3282.00	0.00
	12/07/98	3339.65	57.74	57.74	3281.91	3281.91	0.00
	08/23/00	3339.65	57.59	57.59	3282.06	3282.06	0.00
	03/22/01	3339.65	57.39	57.39	3282.26	3282.26	0.00
	10/16/01	3339.65	56.30	56.30	3283.35	3283.35	0.00
	04/15/02	3339.65	57.38	57.38	3282.27	3282.27	0.00
	09/13/02	3339.65	57.32	57.32	3282.33	3282.33	0.00
	04/22/03	3339.65	57.55	57.55	3282.10	3282.10	0.00
	10/21/03	3339.65	57.13	57.13	3282.52	3282.52	0.00
	02/20/04	3339.65	57.13	57.13	3282.52	3282.52	0.00
	04/06/04	3339.65	57.09	57.09	3282.56	3282.56	0.00
	04/19/04	3339.65	57.07	57.07	3282.58	3282.58	0.00
	04/20/04	3339.65	57.07	57.07	3282.58	3282.58	0.00
	07/26/04	3339.65	57.04	57.04	3282.61	3282.61	0.00
	11/03/05	3339.65	56.81	56.81	3282.84	3282.84	0.00
	02/14/05	3339.65	56.53	56.53	3283.12	3283.12	0.00
	05/16/05	3339.65	56.52	56.52	3283.13	3283.13	0.00
	09/09/05	3339.65	56.45	56.45	3283.20	3283.20	0.00
	11/28/05	3339.65	Dry	Dry	Dry	Dry	Dry
	02/24/06	3339.65	56.31	56.31	3283.34	3283.34	0.00
	05/02/06	3339.65	56.32	56.32	3283.33	3283.33	0.00
	08/08/06	3339.65	56.39	56.39	3283.26	3283.26	0.00
	10/31/06	3339.65	56.31	56.31	3283.34	3283.34	0.00
	05/29/07	3339.65	NR	56.22	3283.43	3283.43	NR
	10/31/07	3339.65	NR	56.13	3283.52	3283.52	NR
	06/02/08	3339.65	NR	56.13	3283.52	3283.52	NR
	10/21/08	3339.65	NR	56.14	3283.51	3283.51	NR

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-4	05/28/97	3333.25	51.53	51.53	3281.72	3281.72	0.00
	12/07/98	3333.25	51.73	51.73	3281.52	3281.52	0.00
	08/23/00	3333.25	51.64	51.64	3281.61	3281.61	0.00
	03/22/01	3333.25	51.34	51.34	3281.91	3281.91	0.00
	10/16/01	3333.25	50.40	50.40	3282.85	3282.85	0.00
	04/15/02	3333.25	51.54	51.54	3281.71	3281.71	0.00
	09/13/02	3333.25	51.51	51.51	3281.74	3281.74	0.00
	04/24/03	3333.25	51.23	51.23	3282.02	3282.02	0.00
	10/23/03	3333.25	51.34	51.34	3281.91	3281.91	0.00
	01/12/03	3333.25	51.36	51.36	3281.89	3281.89	0.00
	02/03/04	3333.25	51.41	51.41	3281.84	3281.84	0.00
	02/09/04	3333.25	51.44	51.44	3281.81	3281.81	0.00
	02/16/04	3333.25	51.51	51.51	3281.74	3281.74	0.00
	02/20/04	3333.25	51.52	51.52	3281.73	3281.73	0.00
	03/10/04	3333.25	51.62	51.62	3281.63	3281.63	0.00
	03/22/04	3333.25	51.67	51.67	3281.58	3281.58	0.00
	04/06/04	3333.25	51.71	51.71	3281.54	3281.54	0.00
	04/19/04	3333.25	51.77	51.77	3281.48	3281.48	0.00
	04/21/04	3333.25	51.77	51.77	3281.48	3281.48	0.00
	05/12/04	3333.25	51.82	51.82	3281.43	3281.43	0.00
	07/26/04	3333.25	51.94	51.94	3281.31	3281.31	0.00
	11/05/04	3333.25	51.73	51.73	3281.52	3281.52	0.00
	02/14/05	3333.25	51.31	51.31	3281.94	3281.94	0.00
	05/16/05	3333.25	51.43	51.43	3281.82	3281.82	0.00
	06/13/05	3333.25	51.43	51.43	3281.82	3281.82	0.00
	09/11/05	3333.25	51.37	51.37	3281.88	3281.88	0.00
	11/28/05	3333.25	51.11	51.11	3282.14	3282.14	0.00
	02/24/06	3333.25	51.11	51.11	3282.14	3282.14	0.00
	05/01/06	3333.25	51.96	51.96	3281.29	3281.29	0.00
	08/08/06	3333.25	51.38	51.38	3281.87	3281.87	0.00
	10/31/06	3333.25	51.35	51.35	3281.90	3281.90	0.00
	05/29/07	3333.25	NR	NR	3281.52	3281.52	NR
	11/01/07	3333.25	NR	NR	3281.36	3281.36	NR
	06/03/08	3333.25	NR	NR	3281.69	3281.69	NR
	10/21/08	3333.25	NR	NR	3281.46	3281.46	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-5	05/28/97	3333.85	52.10	52.10	3281.75	3281.75	0.00
	12/07/98	3333.85	49.94	52.62	3281.23	3281.23	2.68
	08/23/00	3333.85	46.93	52.71	3281.14	3281.14	5.78
	03/22/01	3333.85	51.94	52.00	3281.85	3281.85	0.06
	Installed Ferret pump (8/01)						
	10/16/01	3333.85	Pump	Pump	-	-	-
	04/15/02	3333.85	Pump	Pump	-	-	-
	09/13/02	3333.85	Pump	Pump	-	-	-
	04/03/03	3333.85	Pump	Pump	-	-	-
	10/20/03	3333.85	Pump	Pump	-	-	-
	01/12/04	3333.85	Pump	Pump	-	-	-
	02/03/04	3333.85	Pump	Pump	-	-	-
	02/09/04	3333.85	Pump	Pump	-	-	-
	02/16/04	3333.85	Pump	Pump	-	-	-
	02/20/04	3333.85	Pump	Pump	-	-	-
	03/10/04	3333.85	Pump	Pump	-	-	-
	03/22/04	3333.85	Pump	Pump	-	-	-
	04/06/04	3333.85	Pump	Pump	-	-	-
	04/19/04	3333.85	Pump	Pump	-	-	-
	05/12/04	3333.85	Pump	Pump	-	-	-
	07/26/04	3333.85	Pump	Pump	-	-	-
	11/02/04	3333.85	Pump	Pump	-	-	-
	02/14/05	3333.85	Pump	Pump	-	-	-
	05/16/05	3333.85	Pump	Pump	-	-	-
	09/09/05	3333.85	Pump	Pump	-	-	-
	11/28/05	3333.85	Pump	Pump	-	-	-
	02/24/06	3333.85	Pump	Pump	-	-	-
	05/02/06	3333.85	Pump	Pump	-	-	-
	08/08/06	3333.85	Pump	Pump	-	-	-
	11/01/06	3333.85	Pump	Pump	-	-	-
	10/21/08	3333.85	Pump	Pump	-	-	-

Table 2
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-6	05/28/97	3332.33	50.60	50.60	3281.73	3281.73	0.00
	12/07/98	3332.33	50.95	50.95	3281.38	3281.38	0.00
	08/23/00	3332.33	50.60	50.60	3281.73	3281.73	0.00
	03/22/01	3332.33	50.45	50.45	3281.88	3281.88	0.00
	10/16/01	3332.33	49.80	49.80	3282.53	3282.53	0.00
	04/15/02	3332.33	51.07	51.07	3281.26	3281.26	0.00
	09/13/02	3332.33	50.77	50.77	3281.56	3281.56	0.00
	04/24/03	3332.33	50.61	50.61	3281.72	3281.72	0.00
	10/23/03	3332.33	50.94	50.94	3281.39	3281.39	0.00
	01/12/04	3332.33	51.02	51.02	3281.31	3281.31	0.00
	02/03/04	3332.33	51.13	51.13	3281.20	3281.20	0.00
	02/09/04	3332.33	51.21	51.21	3281.12	3281.12	0.00
	02/16/04	3332.33	51.28	51.28	3281.05	3281.05	0.00
	02/20/04	3332.33	51.31	51.31	3281.02	3281.02	0.00
	03/10/04	3332.33	51.45	51.45	3280.88	3280.88	0.00
	03/22/04	3332.33	51.54	51.54	3280.79	3280.79	0.00
	04/06/04	3332.33	51.65	51.65	3280.68	3280.68	0.00
	04/19/04	3332.33	51.69	51.69	3280.64	3280.64	0.00
	04/22/04	3332.33	51.69	51.69	3280.64	3280.64	0.00
	05/12/04	3332.33	51.42	51.42	3280.91	3280.91	0.00
	07/26/04	3332.33	51.96	51.96	3280.37	3280.37	0.00
	11/05/04	3332.33	50.74	50.74	3281.59	3281.59	0.00
	02/14/05	3332.33	50.93	50.93	3281.40	3281.40	0.00
	05/16/05	3332.33	51.36	51.36	3280.97	3280.97	0.00
	06/13/05	3332.33	51.36	51.36	3280.87	3280.87	0.00
	09/09/05	3332.33	51.31	51.31	3280.92	3280.92	0.00
	11/28/05	3332.33	50.85	50.85	3281.38	3281.38	0.00
	02/24/06	3332.33	51.19	51.19	3281.14	3281.14	0.00
	05/01/06	3332.33	51.36	51.36	3280.97	3280.97	0.00
	08/07/06	3332.33	51.34	51.34	3280.99	3280.99	0.00
	10/31/06	3332.33	51.61	51.61	3280.72	3280.72	0.00
	05/23/07	3332.33	NR	51.68	3280.65	3280.65	NR
	10/30/07	3332.33	NR	51.29	3281.04	3281.04	NR
	05/28/08	3332.33	NR	51.89	3280.44	3280.44	NR
	10/21/08	3332.33	NR	51.90	3280.43	3280.43	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-7	05/28/97	3330.43	48.45	48.45	3281.98	3281.98	0.00
	12/07/98	3330.43	49.01	49.01	3281.42	3281.42	0.00
	08/23/00	3330.43	48.84	48.84	3281.59	3281.59	0.00
	03/22/01	3330.43	48.32	48.32	3282.11	3282.11	0.00
	10/16/01	3330.43	47.74	47.74	3282.69	3282.69	0.00
	04/15/02	3330.43	49.00	49.00	3281.43	3281.43	0.00
	09/13/02	3330.43	48.26	48.26	3282.17	3282.17	0.00
	04/24/03	3330.43	48.62	48.62	3281.81	3281.81	0.00
	10/24/03	3330.43	49.04	49.04	3281.39	3281.39	0.00
	01/12/04	3330.43	49.16	49.16	3281.27	3281.27	0.00
	02/03/04	3330.43	49.20	49.20	3281.23	3281.23	0.00
	02/09/04	3330.43	49.22	49.22	3281.21	3281.21	0.00
	02/16/04	3330.43	49.24	49.24	3281.19	3281.19	0.00
	02/20/04	3330.43	49.25	49.25	3281.18	3281.18	0.00
	03/10/04	3330.43	49.27	49.27	3281.16	3281.16	0.00
	03/22/04	3330.43	49.30	49.30	3281.13	3281.13	0.00
	04/06/04	3330.43	49.34	49.34	3281.09	3281.09	0.00
	04/19/04	3330.43	48.85	48.85	3281.58	3281.58	0.00
	04/22/04	3330.43	48.85	48.85	3281.58	3281.58	0.00
	05/12/04	3330.43	48.96	48.96	3281.47	3281.47	0.00
	07/26/04	3330.43	49.43	49.43	3281.00	3281.00	0.00
	11/05/04	3330.43	46.21	46.21	3284.22	3284.22	0.00
	02/14/05	3330.43	47.81	47.81	3282.62	3282.62	0.00
	05/16/05	3330.43	48.56	48.56	3281.87	3281.87	0.00
	06/13/05	3330.43	48.56	48.56	3281.87	3281.87	0.00
	09/09/05	3330.43	48.25	48.25	3282.18	3282.18	0.00
	11/28/05	3330.43	48.02	48.02	3282.41	3282.41	0.00
	02/24/06	3330.43	48.59	48.59	3281.84	3281.84	0.00
	05/01/06	3330.43	50.77	50.77	3279.66	3279.66	0.00
	08/07/06	3330.43	49.32	49.32	3281.11	3281.11	0.00
	10/31/06	3330.43	49.43	49.43	3281.00	3281.00	0.00
	05/23/07	3330.43	NR	NR	3282.24	3282.24	NR
	10/30/07	3330.43	NR	NR	3281.78	3281.78	NR
	05/28/08	3330.43	NR	NR	3281.07	3281.07	NR
	10/21/08	3330.43	NR	NR	3280.67	3280.67	NR

Table 7
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-8	05/28/97	3330.59	49.20	49.20	3281.39	3281.39	0.00
	12/07/98	3330.59	49.70	49.70	3280.89	3280.89	0.00
	08/23/00	3330.59	48.99	48.99	3281.60	3281.60	0.00
	03/22/01	3330.59	49.35	49.35	3281.24	3281.24	0.00
	10/16/01	3330.59	48.31	48.31	3282.28	3282.28	0.00
	04/15/02	3330.59	49.72	49.72	3280.87	3280.87	0.00
	09/13/02	3330.59	49.57	49.57	3281.02	3281.02	0.00
	04/22/03	3330.59	49.54	49.54	3281.05	3281.05	0.00
	10/21/03	3330.59	49.81	49.81	3280.78	3280.78	0.00
	01/12/04	3330.59	49.80	49.80	3280.79	3280.79	0.00
	02/03/04	3330.59	49.85	49.85	3280.74	3280.74	0.00
	02/09/04	3330.59	49.86	49.86	3280.73	3280.73	0.00
	02/16/04	3330.59	49.87	49.87	3280.72	3280.72	0.00
	02/20/04	3330.59	49.89	49.89	3280.70	3280.70	0.00
	03/10/04	3330.59	49.87	49.87	3280.72	3280.72	0.00
	03/22/04	3330.59	49.87	49.87	3280.72	3280.72	0.00
	04/06/04	3330.59	49.89	49.89	3280.70	3280.70	0.00
	04/19/04	3330.59	49.72	49.72	3280.87	3280.87	0.00
	04/20/04	3330.59	49.72	49.72	3280.87	3280.87	0.00
	05/12/04	3330.59	49.71	49.71	3280.88	3280.88	0.00
	07/26/04	3330.59	49.90	49.90	3280.69	3280.69	0.00
	11/03/04	3330.59	48.91	48.91	3281.68	3281.68	0.00
	02/14/05	3330.59	48.76	48.76	3281.83	3281.83	0.00
	05/16/05	3330.59	49.00	49.00	3281.59	3281.59	0.00
	06/13/05	3330.59	49.00	49.00	3281.59	3281.59	0.00
	09/09/05	3330.59	48.77	48.77	3281.82	3281.82	0.00
	11/28/05	3330.59	48.61	48.61	3281.98	3281.98	0.00
	02/24/06	3330.59	48.86	48.86	3281.73	3281.73	0.00
	05/01/06	3330.59	49.03	49.03	3281.56	3281.56	0.00
	08/07/06	3330.59	49.26	49.26	3281.33	3281.33	0.00
	10/31/06	3330.59	49.24	49.24	3281.35	3281.35	0.00
	05/23/07	3330.59	NR	NR	3281.63	3281.63	NR
	10/30/07	3330.59	NR	NR	3281.64	3281.64	NR
	05/28/08	3330.59	NR	NR	3281.26	3281.26	NR
	10/21/08	3330.59	NR	NR	3281.20	3281.20	NR

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-9	05/28/97	3334.73	53.93	53.93	3280.80	3280.80	0.00
	12/07/98	3334.73	54.12	54.12	3280.61	3280.61	0.00
	08/23/00	3334.73	53.27	53.27	3281.46	3281.46	0.00
	03/22/01	3334.73	53.91	53.91	3280.82	3280.82	0.00
	10/16/01	3334.73	52.68	52.68	3282.05	3282.05	0.00
	04/15/02	3334.73	54.04	54.04	3280.69	3280.69	0.00
	09/13/02	3334.73	54.06	54.06	3280.67	3280.67	0.00
	04/30/03	3334.73	54.03	54.03	3280.70	3280.70	0.00
	10/28/03	3334.73	54.11	54.11	3280.62	3280.62	0.00
	02/20/04	3334.73	54.15	54.15	3280.58	3280.58	0.00
	04/06/04	3334.73	54.11	54.11	3280.62	3280.62	0.00
	04/19/04	3334.73	54.08	54.08	3280.65	3280.65	0.00
	04/26/04	3334.73	54.08	54.08	3280.65	3280.65	0.00
	07/26/04	3334.73	54.13	54.13	3280.60	3280.60	0.00
	11/09/04	3334.73	53.81	53.81	3280.92	3280.92	0.00
	02/14/05	3334.73	53.54	53.54	3281.19	3281.19	0.00
	05/16/05	3334.73	53.56	53.56	3281.17	3281.17	0.00
	09/10/05	3334.73	53.44	53.44	3281.29	3281.29	0.00
	11/28/05	3334.73	53.36	53.36	3281.37	3281.37	0.00
	02/24/06	3334.73	53.41	53.41	3281.32	3281.32	0.00
	05/01/06	3334.73	53.42	53.42	3281.31	3281.31	0.00
	08/07/06	3334.73	53.46	53.46	3281.27	3281.27	0.00
	10/31/06	3334.73	53.48	53.48	3281.25	3281.25	0.00
	05/31/07	3334.73	NR	53.30	3281.43	3281.43	NR
	11/05/07	3334.73	NR	53.32	3281.41	3281.41	NR
	06/04/08	3334.73	NR	53.41	3281.32	3281.32	NR
	10/21/08	3334.73	NR	53.35	3281.38	3281.38	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-10	05/28/97	3334.64	52.99	52.99	3281.65	3281.65	0.00
	12/07/98	3334.64	53.16	53.16	3281.48	3281.48	0.00
	08/23/00	3334.64	52.85	52.85	3281.79	3281.79	0.00
	03/22/01	3334.64	52.87	52.87	3281.77	3281.77	0.00
	10/16/01	3334.64	51.71	51.71	3282.93	3282.93	0.00
	04/15/02	3334.64	52.92	52.92	3281.72	3281.72	0.00
	09/13/02	3334.64	52.82	52.82	3281.82	3281.82	0.00
	04/28/03	3334.64	52.79	52.79	3281.85	3281.85	0.00
	10/27/03	3334.64	52.87	52.87	3281.77	3281.77	0.00
	02/20/04	3334.64	52.86	52.86	3281.78	3281.78	0.00
	04/06/04	3334.64	52.83	52.83	3281.81	3281.81	0.00
	04/19/04	3334.64	52.79	52.79	3281.85	3281.85	0.00
	04/26/04	3334.64	52.79	52.79	3281.85	3281.85	0.00
	07/26/04	3334.64	52.83	52.83	3281.81	3281.81	0.00
	11/11/04	3334.64	52.36	52.36	3282.28	3282.28	0.00
	02/14/05	3334.64	52.10	52.10	3282.54	3282.54	0.00
	05/16/05	3334.64	52.14	52.15	3282.49	3282.49	0.01
	09/10/05	3334.64	---	---	---	---	---
	11/28/05	3336.38	53.71	67.99	3268.39	3268.39	14.28
	02/24/06	3336.38	53.62	53.62	3282.76	3282.76	0.00
	05/02/06	3336.38	53.74	53.74	3282.64	3282.64	0.00
	08/08/06	3336.38	53.83	53.83	3282.55	3282.55	sheen
	11/01/06	3336.38	53.76	53.76	3282.62	3282.62	0.00
	05/31/07	3336.38	NR	53.50	3282.88	3282.88	NR
	11/06/07	3336.38	NR	53.59	3282.79	3282.79	NR
	06/05/08	3336.38	NR	53.69	3282.69	3282.69	NR
	10/21/08	3336.38	NR	53.73	3282.65	3282.65	NR

Tab 2
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-11	05/28/97	3334.86	53.12	53.12	3281.74	3281.74	0.00
	12/07/98	3334.86	53.32	53.32	3281.54	3281.54	0.00
	08/23/00	3334.86	52.98	52.98	3281.88	3281.88	0.00
	03/22/01	3334.86	53.00	53.00	3281.86	3281.86	0.00
	10/16/01	3334.86	52.89	52.89	3281.97	3281.97	0.00
	04/15/02	3334.86	53.08	53.08	3281.78	3281.78	0.00
	09/13/02	3334.86	53.02	53.02	3281.84	3281.84	0.00
	04/28/03	3334.86	52.88	52.88	3281.98	3281.98	0.00
	10/27/03	3334.86	52.98	52.98	3281.88	3281.88	0.00
	02/20/04	3334.86	53.00	53.00	3281.86	3281.86	0.00
	04/06/04	3334.86	52.96	52.96	3281.90	3281.90	0.00
	04/19/04	3334.86	52.92	52.92	3281.94	3281.94	0.00
	04/26/04	3334.86	52.92	52.92	3281.94	3281.94	0.00
	07/26/04	Term Plug casing parted					
	11/11/04	3334.86	52.44	52.44	3282.42	3282.42	0.00
	02/14/05	3334.86	52.10	52.10	3282.76	3282.76	0.00
	05/16/05	3334.86	52.20	52.20	3282.66	3282.66	0.00
	09/10/05	3334.86	52.05	52.05	3282.81	3282.81	0.00
	11/28/05	3334.86	51.93	51.93	3282.93	3282.93	0.00
	02/24/06	3334.86	51.96	51.96	3282.90	3282.90	0.00
	05/02/06	3334.86	52.05	52.05	3282.81	3282.81	0.00
	08/08/06	3334.86	52.19	52.19	3282.67	3282.67	0.00
	11/01/06	3334.86	52.12	52.12	3282.74	3282.74	0.00
	05/31/07	3334.86	NR	51.81	3283.05	3283.05	NR
	11/05/07	3334.86	NR	51.88	3282.98	3282.98	NR
	06/05/08	3334.86	NR	NR	NR	NR	NR
	10/21/08	Well Destroyed					

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-12	05/28/97	3333.88	52.02	52.02	3281.86	3281.86	0.00
	12/07/98	3333.88	52.26	52.26	3281.62	3281.62	0.00
	08/23/00	3333.88	51.86	51.86	3282.02	3282.02	0.00
	03/22/01	3333.88	51.88	51.88	3282.00	3282.00	0.00
	10/16/01	3333.88	51.86	51.86	3282.02	3282.02	0.00
	04/15/02	3333.88	52.12	52.12	3281.76	3281.76	0.00
	09/13/02	3333.88	52.04	52.04	3281.84	3281.84	0.00
	04/30/03	3333.88	51.88	51.88	3282.00	3282.00	0.00
	10/28/03	3333.88	52.08	52.08	3281.80	3281.80	0.00
	02/20/04	3333.88	52.13	52.13	3281.75	3281.75	0.00
	04/06/04	3333.88	52.11	52.11	3281.77	3281.77	0.00
	04/19/04	3333.88	52.06	52.06	3281.82	3281.82	0.00
	04/26/04	3333.88	52.06	52.06	3281.82	3281.82	0.00
	05/12/04	3333.88	52.05	52.05	3281.83	3281.83	0.00
	07/26/04	3333.88	52.13	52.13	3281.75	3281.75	0.00
	11/02/04	3333.88	51.41	51.45	3282.43	3282.43	0.04
	02/14/05	3333.88	51.04	51.08	3282.80	3282.80	0.04
	05/16/05	3333.88	51.21	51.31	3282.57	3282.57	0.10
	09/10/05	3333.88	----	----	----	----	----
	11/28/05	3333.88	50.85	51.10	3282.78	3282.78	0.25
	02/24/06	3333.88	50.94	51.28	3282.60	3282.60	0.34
	05/02/06	3333.88	51.13	51.51	3282.37	3282.37	0.38
	08/08/06	3333.88	51.38	51.76	3282.12	3282.12	0.38
	11/01/06	3333.88	51.29	51.29	3282.59	3282.59	0.00
	05/25/07	3333.88		No access due to plant demo work			
	10/26/07	3333.88		No access due to plant demo work			
	06/05/08	3333.88		No access due to plant demo work			
	10/21/08	3333.88	51.31	51.99	3281.89	3281.89	0.68

Tab 2
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-13	12/07/98	3336.15	56.84	56.84	3279.31	3279.31	0.00
	08/23/00	3336.15	56.72	56.72	3279.43	3279.43	0.00
	03/22/01	3336.15	56.68	56.68	3279.47	3279.47	0.00
	10/16/01	3336.15	55.60	55.60	3280.55	3280.55	0.00
	04/15/02	3336.15	56.77	56.77	3279.38	3279.38	0.00
	09/13/02	3336.15	56.79	56.79	3279.36	3279.36	0.00
	04/21/03	3336.15	56.77	56.77	3279.38	3279.38	0.00
	10/21/03	3336.15	56.81	56.81	3279.34	3279.34	0.00
	02/20/04	3336.15	56.82	56.82	3279.33	3279.33	0.00
	04/06/04	3336.15	56.77	56.77	3279.38	3279.38	0.00
	04/19/04	3336.15	56.79	56.79	3279.36	3279.36	0.00
	04/20/04	3336.15	56.79	56.79	3279.36	3279.36	0.00
	07/26/04	3336.15	56.84	56.84	3279.31	3279.31	0.00
	11/03/04	3336.15	56.84	56.84	3279.31	3279.31	0.00
	02/14/05	3336.15	56.56	56.56	3279.59	3279.59	0.00
	05/16/05	3336.15	56.51	56.51	3279.64	3279.64	0.00
	09/09/05	3336.15	56.48	56.48	3279.67	3279.67	0.00
	11/28/05	3336.15	56.40	56.40	3279.75	3279.75	0.00
	02/24/06	3336.15	56.39	56.39	3279.76	3279.76	0.00
	05/01/06	3336.15	56.31	56.31	3279.84	3279.84	0.00
	08/08/06	3336.15	56.37	56.37	3279.78	3279.78	0.00
	10/31/06	3336.15	56.32	56.32	3279.83	3279.83	0.00
	05/24/07	3336.15	NR	NR	3279.85	3279.85	NR
	10/30/07	3336.15	NR	NR	3279.86	3279.86	NR
	06/02/08	3336.15	NR	NR	3279.43	3279.43	NR
	10/21/08	3336.15	NR	NR	3279.91	3279.91	NR

Table 3
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-14	12/07/98	3333.04	53.10	53.10	3279.94	3279.94	0.00
	08/23/00	3333.04	52.50	52.50	3280.54	3280.54	0.00
	03/22/01	3333.04	52.86	52.86	3280.18	3280.18	0.00
	10/16/01	3333.04	51.13	51.13	3281.91	3281.91	0.00
	04/15/02	3333.04	53.03	53.03	3280.01	3280.01	0.00
	09/13/02	3333.04	53.04	53.04	3280.00	3280.00	0.00
	04/21/03	3333.04	53.03	53.03	3280.01	3280.01	0.00
	10/21/03	3333.04	53.12	53.12	3279.92	3279.92	0.00
	02/20/04	3333.04	53.13	53.13	3279.91	3279.91	0.00
	04/06/04	3333.04	53.11	53.11	3279.93	3279.93	0.00
	04/19/04	3333.04	53.11	53.11	3279.93	3279.93	0.00
	04/20/04	3333.04	53.11	53.11	3279.93	3279.93	0.00
	07/26/04	3333.04	53.18	53.18	3279.86	3279.86	0.00
	11/02/04	3333.04	53.02	53.02	3280.02	3280.02	0.00
	02/14/05	3333.04	52.69	52.69	3280.35	3280.35	0.00
	05/16/05	3333.04	52.66	52.66	3280.38	3280.38	0.00
	06/13/05	3333.04	52.66	52.66	3280.38	3280.38	0.00
	09/09/05	3333.04	52.59	52.59	3280.45	3280.45	0.00
	11/28/05	3333.04	52.51	52.51	3280.53	3280.53	0.00
	02/24/06	3333.04	52.51	52.51	3280.53	3280.53	0.00
	05/01/06	3333.04	52.52	52.52	3280.52	3280.52	0.00
	08/07/06	3333.04	52.58	52.58	3280.46	3280.46	0.00
	10/31/06	3333.04	52.60	52.60	3280.44	3280.44	0.00
	05/24/07	3333.04	NR	52.55	3280.49	3280.49	NR
	10/31/07	3333.04	NR	52.49	3280.55	3280.55	NR
	06/02/08	3333.04	NR	52.53	3280.51	3280.51	NR
	10/21/08	3333.04	NR	52.55	3280.49	3280.49	NR

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-15	12/07/98	3328.98	48.07	48.07	3280.91	3280.91	0.00
	08/23/00	3328.98	48.26	48.26	3280.72	3280.72	0.00
	03/22/01	3328.98	47.78	47.78	3281.20	3281.20	0.00
	10/16/01	3328.98	47.15	47.15	3281.83	3281.83	0.00
	04/15/02	3328.98	48.28	48.28	3280.70	3280.70	0.00
	09/13/02	3328.98	48.18	48.18	3280.80	3280.80	0.00
	04/21/03	3328.98	47.92	47.92	3281.06	3281.06	0.00
	10/21/03	3328.98	48.30	48.30	3280.68	3280.68	0.00
	01/12/04	3328.98	48.32	48.32	3280.66	3280.66	0.00
	02/03/04	3328.98	48.32	48.32	3280.66	3280.66	0.00
	02/09/04	3328.98	48.32	48.32	3280.66	3280.66	0.00
	02/16/04	3328.98	48.33	48.33	3280.65	3280.65	0.00
	02/20/04	3328.98	48.35	48.35	3280.63	3280.63	0.00
	03/10/04	3328.98	48.34	48.34	3280.64	3280.64	0.00
	03/22/04	3328.98	48.36	48.36	3280.62	3280.62	0.00
	04/06/04	3328.98	48.39	48.39	3280.59	3280.59	0.00
	04/19/04	3328.98	48.39	48.39	3280.59	3280.59	0.00
	04/20/04	3328.98	48.39	48.39	3280.59	3280.59	0.00
	05/12/04	3328.98	48.37	48.37	3280.61	3280.61	0.00
	07/26/04	3328.98	48.51	48.51	3280.47	3280.47	0.00
	11/11/04	3328.98	48.16	48.16	3280.82	3280.82	0.00
	02/14/05	3328.98	47.66	47.66	3281.32	3281.32	0.00
	05/16/05	3328.98	47.85	47.85	3281.13	3281.13	0.00
	09/11/05	3328.98	47.89	47.89	3281.09	3281.09	0.00
	11/28/05	3328.98	47.80	47.80	3281.18	3281.18	0.00
	02/24/06	3328.98	NA	NA	NA	NA	NA
	05/01/06	3328.98	NA	NA	NA	NA	NA
	08/08/06	3328.98	48.26	48.26	3280.72	3280.72	0.00
	11/01/06	3328.98	48.32	48.32	3280.66	3280.66	0.00
	05/24/07	3328.98	NR	48.45	3280.53	3280.53	NR
	10/30/07	3328.98	NR	48.10	3280.88	3280.88	NR
	05/29/08	3328.98	NR	48.39	3280.59	3280.59	NR
	10/21/08	3328.98	NR	48.58	3280.40	3280.40	NR

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-16	12/07/98	3330.20	49.09	49.09	3281.11	3281.11	0.00
	08/23/00	3330.20	49.25	49.25	3280.95	3280.95	0.00
	03/22/01	3330.20	48.87	48.87	3281.33	3281.33	0.00
	10/16/01	3330.20	47.10	47.10	3283.10	3283.10	0.00
	04/15/02	3330.20	49.25	49.25	3280.95	3280.95	0.00
	09/13/02	3330.20	49.22	49.22	3280.98	3280.98	0.00
	04/21/03	3330.20	48.95	48.95	3281.25	3281.25	0.00
	10/20/03	3330.20	49.17	49.17	3281.03	3281.03	0.00
	01/12/04	3330.20	49.20	49.20	3281.00	3281.00	0.00
	02/03/04	3330.20	49.20	49.20	3281.00	3281.00	0.00
	02/09/04	3330.20	49.22	49.22	3280.98	3280.98	0.00
	02/16/04	3330.20	49.23	49.23	3280.97	3280.97	0.00
	02/20/04	3330.20	49.26	49.26	3280.94	3280.94	0.00
	03/10/04	3330.20	49.26	49.26	3280.94	3280.94	0.00
	03/22/04	3330.20	49.27	49.27	3280.93	3280.93	0.00
	04/06/04	3330.20	49.31	49.31	3280.89	3280.89	0.00
	04/19/04	3330.20	49.32	49.32	3280.88	3280.88	0.00
	04/20/04	3330.20	49.32	49.32	3280.88	3280.88	0.00
	05/12/04	3330.20	49.32	49.32	3280.88	3280.88	0.00
	07/26/04	3330.20	49.47	49.47	3280.73	3280.73	0.00
	11/11/04	3330.20	49.33	49.33	3280.87	3280.87	0.00
	02/14/05	3330.20	48.93	48.93	3281.27	3281.27	0.00
	05/16/05	3330.20	49.03	49.03	3281.17	3281.17	0.00
	09/11/05	3330.20	49.03	49.03	3281.17	3281.17	0.00
	11/28/05	3330.20	48.93	48.93	3281.27	3281.27	0.00
	02/24/06	3330.20	NA	NA	NA	NA	NA
	05/01/06	3330.20	NA	NA	NA	NA	NA
	08/08/06	3330.20	49.19	49.19	3281.01	3281.01	0.00
	11/01/06	3330.20	49.24	49.24	3280.96	3280.96	0.00
	05/24/07	3330.20	NR	49.34	3280.86	3280.86	NR
	10/30/07	3330.20	NR	49.06	3281.14	3281.14	NR
	05/29/08	3330.20	NR	49.28	3280.92	3280.92	NR
	10/21/08	3330.20	NR	49.41	3280.79	3280.79	NR

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-17	12/07/98	3334.32	52.84	52.84	3281.48	3281.48	0.00
	08/23/00	3334.32	52.86	52.86	3281.46	3281.46	0.00
	03/22/01	3334.32	52.53	52.53	3281.79	3281.79	0.00
	10/16/01	3334.32	51.62	51.62	3282.70	3282.70	0.00
	04/15/02	3334.32	52.74	52.74	3281.58	3281.58	0.00
	09/13/02	3334.32	52.71	52.71	3281.61	3281.61	0.00
	04/22/03	3334.32	52.44	52.44	3281.88	3281.88	0.00
	10/22/03	3334.32	52.52	52.52	3281.80	3281.80	0.00
	01/12/04	3334.32	52.55	52.55	3281.77	3281.77	0.00
	02/03/04	3334.32	52.70	52.70	3281.62	3281.62	0.00
	02/09/04	3334.32	52.75	52.75	3281.57	3281.57	0.00
	02/16/04	3334.32	52.82	52.82	3281.50	3281.50	0.00
	02/20/04	3334.32	52.87	52.87	3281.45	3281.45	0.00
	03/10/04	3334.32	52.96	52.96	3281.36	3281.36	0.00
	03/22/04	3334.32	53.02	53.02	3281.30	3281.30	0.00
	04/06/04	3334.32	53.08	53.08	3281.24	3281.24	0.00
	04/19/04	3334.32	53.13	53.13	3281.19	3281.19	0.00
	04/21/04	3334.32	53.13	53.13	3281.19	3281.19	0.00
	05/12/04	3334.32	53.20	53.20	3281.12	3281.12	0.00
	07/26/04	3334.32	53.34	53.34	3280.98	3280.98	0.00
	11/03/04	3334.32	53.18	53.18	3281.14	3281.14	0.00
	02/14/05	3334.32	52.95	52.95	3281.37	3281.37	0.00
	05/16/05	3334.32	53.02	53.02	3281.30	3281.30	0.00
	09/12/05	3334.32	52.98	52.98	3281.34	3281.34	0.00
	11/28/05	3334.32	52.64	52.64	3281.68	3281.68	0.00
	02/24/06	3334.32	52.68	52.68	3281.64	3281.64	0.00
	05/01/06	3334.32	52.66	52.66	3281.66	3281.66	0.00
	08/08/06	3334.32	52.59	52.59	3281.73	3281.73	0.00
	10/31/06	3334.32	52.64	52.64	3281.68	3281.68	0.00
	05/29/07	3334.32	NR	52.84	3281.48	3281.48	NR
	11/01/07	3334.32	NR	52.59	3281.73	3281.73	NR
	06/03/08	3334.32	NR	52.81	3281.51	3281.51	NR
	10/21/08	3334.32	NR	52.60	3281.72	3281.72	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-18	12/07/98	3336.10	54.33	54.33	3281.77	3281.77	0.00
	08/23/00	3336.10	54.21	54.21	3281.89	3281.89	0.00
	03/22/01	3336.10	53.96	53.96	3282.14	3282.14	0.00
	10/16/01	3336.10	52.92	52.92	3283.18	3283.18	0.00
	04/15/02	3336.10	54.01	54.01	3282.09	3282.09	0.00
	09/13/02	3336.10	53.98	53.98	3282.12	3282.12	0.00
	04/22/03	3336.10	53.74	53.74	3282.36	3282.36	0.00
	10/22/03	3336.10	53.75	53.75	3282.35	3282.35	0.00
	01/12/04	3336.10	53.74	53.74	3282.36	3282.36	0.00
	02/03/04	3336.10	53.75	53.75	3282.35	3282.35	0.00
	02/09/04	3336.10	53.74	53.74	3282.36	3282.36	0.00
	02/16/04	3336.10	53.75	53.75	3282.35	3282.35	0.00
	02/20/04	3336.10	53.79	53.79	3282.31	3282.31	0.00
	03/10/04	3336.10	53.79	53.79	3282.31	3282.31	0.00
	03/22/04	3336.10	53.82	53.82	3282.28	3282.28	0.00
	04/06/04	3336.10	53.84	53.84	3282.26	3282.26	0.00
	04/19/04	3336.10	53.86	53.86	3282.24	3282.24	0.00
	04/21/04	3336.10	53.86	53.86	3282.24	3282.24	0.00
	05/12/04	3336.10	53.87	53.87	3282.23	3282.23	0.00
	07/26/04	3336.10	53.92	53.92	3282.18	3282.18	0.00
	11/03/04	3336.10	53.83	53.83	3282.27	3282.27	0.00
	02/14/05	3336.10	53.48	53.48	3282.62	3282.62	0.00
	05/16/05	3336.10	53.45	53.45	3282.65	3282.65	0.00
	09/09/05	3336.10	53.40	53.40	3282.70	3282.70	0.00
	11/28/05	3336.10	53.28	53.28	3282.82	3282.82	0.00
	02/24/06	3336.10	53.20	53.20	3282.90	3282.90	0.00
	05/02/06	3336.10	53.37	53.37	3282.73	3282.73	0.00
	08/08/06	3336.10	53.39	53.39	3282.71	3282.71	0.00
	10/31/06	3336.10	53.30	53.30	3282.80	3282.80	0.00
	05/29/07	3336.10	NR	53.45	3282.65	3282.65	NR
	11/01/07	3336.10	NR	53.30	3282.80	3282.80	NR
	06/02/08	3336.10	NR	53.33	3282.77	3282.77	NR
	10/21/08	3336.10	NR	53.29	3282.81	3282.81	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-19	08/23/00	3334.21	52.44	52.44	3281.77	3281.77	0.00
	03/22/01	3334.21	52.26	52.26	3281.95	3281.95	0.00
	10/16/01	3334.21	51.42	51.42	3282.79	3282.79	0.00
	04/15/02	3334.21	52.64	52.64	3281.57	3281.57	0.00
	09/13/02	3334.21	52.50	52.50	3281.71	3281.71	0.00
	04/22/03	3334.21	52.29	52.29	3281.92	3281.92	0.00
	10/22/03	3334.21	52.57	52.57	3281.64	3281.64	0.00
	01/12/04	3334.21	52.60	52.60	3281.61	3281.61	0.00
	02/03/04	3334.21	52.62	52.62	3281.59	3281.59	0.00
	02/09/04	3334.21	52.65	52.65	3281.56	3281.56	0.00
	02/16/04	3334.21	52.68	52.68	3281.53	3281.53	0.00
	02/20/04	3334.21	52.69	52.69	3281.52	3281.52	0.00
	03/10/04	3334.21	52.72	52.72	3281.49	3281.49	0.00
	03/22/04	3334.21	52.75	52.75	3281.46	3281.46	0.00
	04/06/04	3334.21	52.79	52.79	3281.42	3281.42	0.00
	04/19/04	3334.21	52.79	52.79	3281.42	3281.42	0.00
	04/22/04	3334.21	52.79	52.79	3281.42	3281.42	0.00
	05/12/04	3334.21	52.71	52.71	3281.50	3281.50	0.00
	07/26/04	3334.21	52.86	52.86	3281.35	3281.35	0.00
	11/09/04	3334.21	52.04	52.04	3282.17	3282.17	0.00
	02/14/05	3334.21	51.67	51.71	3282.50	3282.50	0.04
	05/16/05	3334.21	51.96	52.12	3282.09	3282.09	0.16
	09/10/05	3334.21	----	----	----	----	----
	11/28/05	3334.21	51.47	51.86	3282.74	3282.74	0.39
	02/24/06	3334.21	51.68	52.21	3282.00	3282.00	0.53
	05/01/06	3334.21	51.97	52.60	3281.61	3281.61	0.63
	08/08/06	3334.21	52.22	52.26	3281.95	3281.95	0.04
	10/31/06	3334.21	52.12	52.12	3282.09	3282.09	0.00
	05/25/07	3334.21	52.30	52.65	3281.56	3281.56	0.35
	10/26/07	3334.21	52.57	51.82	3282.39	3282.39	0.75
	06/05/08	3334.21	52.23	53.20	3281.01	3281.01	0.97
	10/21/08	3334.21	52.31	53.29	3280.92	3280.92	0.98

Table
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-20	08/23/00	3334.06	50.00	52.65	3281.41	3281.41	2.65
	03/22/01	3334.06	52.16	52.20	3281.86	3281.86	0.04
	Installed Ferret pump (8/01)						
	10/16/01	3334.06	Pump	Pump	-	-	-
	04/15/02	3334.06	Pump	Pump	-	-	-
	09/13/02	3334.06	Pump	Pump	-	-	-
	04/21/03	3334.06	Pump	Pump	-	-	-
	10/20/03	3334.06	Pump	Pump	-	-	-
	01/12/04	3334.06	Pump	Pump	-	-	-
	02/03/04	3334.06	Pump	Pump	-	-	-
	02/09/04	3334.06	Pump	Pump	-	-	-
	02/16/04	3334.06	Pump	Pump	-	-	-
	02/20/04	3334.06	Pump	Pump	-	-	-
	03/10/04	3334.06	Pump	Pump	-	-	-
	03/22/04	3334.06	Pump	Pump	-	-	-
	04/06/04	3334.06	Pump	Pump	-	-	-
	04/19/04	3334.06	Pump	Pump	-	-	-
	07/26/04	3334.06	Pump	Pump	-	-	-
	11/02/04	3334.06	Pump	Pump	-	-	-
	02/14/05	3334.06	Pump	Pump	-	-	-
	05/16/05	3334.06	Pump	Pump	-	-	-
	09/09/05	3334.06	Pump	Pump	-	-	-
	11/28/05	3334.06	Pump	Pump	-	-	-
	02/24/06	3334.06	Pump	Pump	-	-	-
	05/01/06	3334.06	Pump	Pump	-	-	-
	08/08/06	3334.06	Pump	Pump	-	-	-
	11/01/06	3334.06	Pump	Pump	-	-	-
	10/21/08	3334.06	Pump	Pump	-	-	-

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-21	08/23/00	3333.02	51.36	51.37	3281.65	3281.65	0.01
	03/22/01	3333.02	51.14	51.14	3281.88	3281.88	0.00
	10/16/01	3333.02	51.34	51.38	3281.64	3281.64	0.04
	04/15/02	3333.02	51.65	51.65	3281.37	3281.37	trace
	09/13/02	3333.02	51.36	51.36	3281.66	3281.66	trace
	04/21/03	3333.02	51.36	51.36	3281.66	3281.66	trace
	10/20/03	3333.02	51.56	51.56	3281.46	3281.46	trace
	01/12/04	3333.02	51.65	51.65	3281.37	3281.37	trace
	02/03/04	3333.02	51.67	51.67	3281.35	3281.35	trace
	02/09/04	3333.02	51.71	51.71	3281.31	3281.31	trace
	02/16/04	3333.02	51.74	51.74	3281.28	3281.28	trace
	02/20/04	3333.02	51.76	51.76	3281.26	3281.26	trace
	03/10/04	3333.02	51.79	51.79	3281.23	3281.23	trace
	03/22/04	3333.02	51.83	51.84	3281.18	3281.18	0.01
	04/06/04	3333.02	51.87	51.87	3281.15	3281.15	trace
	04/19/04	3333.02	51.83	51.84	3281.18	3281.18	0.01
	04/26/04	3333.02	51.83	51.84	3281.18	3281.18	0.01
	05/12/04	3333.02	51.75	51.75	3281.27	3281.27	0.00
	07/26/04	3333.02	51.98	51.98	3281.04	3281.04	0.00
	11/02/04	3333.02	50.64	50.64	3282.38	3282.38	trace
	02/14/05	3333.02	50.57	50.57	3282.45	3282.45	0.00
	05/16/05	3333.02	51.01	51.01	3282.01	3282.01	trace
	09/10/05	3333.02	----	----	----	----	----
	11/28/05	3333.02	50.50	50.50	3282.52	3282.52	0.00
	02/24/06	3333.02	50.86	50.86	3282.16	3282.16	0.00
	05/01/06	3333.02	51.25	51.25	3281.77	3281.77	0.00
	08/08/06	3333.02	51.49	51.49	3281.53	3281.53	sheen
	10/31/06	3333.02	51.45	51.45	3281.57	3281.57	0.00
	05/25/07	3333.02	51.45	51.46	3281.56	3281.56	0.01
	11/06/07	3333.02	NR	51.00	3282.02	3282.02	NR
	06/05/08	3333.02	51.53	51.53	3281.49	3281.49	0.00
	10/21/08	3333.02	51.72	51.74	3281.28	3281.28	0.02

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-22	08/23/00	3334.87	52.66	52.66	3282.21	3282.21	0.00
	03/22/01	3334.87	52.97	52.97	3281.90	3281.90	0.00
	10/16/01	3334.87	52.38	52.38	3282.49	3282.49	0.00
	04/15/02	3334.87	53.60	53.60	3281.27	3281.27	0.00
	09/13/02	3334.87	53.27	53.27	3281.60	3281.60	0.00
	04/28/03	3334.87	53.16	53.16	3281.71	3281.71	0.00
	10/24/03	3334.87	53.47	53.47	3281.40	3281.40	0.00
	01/12/04	3334.87	53.55	53.55	3281.32	3281.32	0.00
	02/03/04	3334.87	54.56	54.56	3280.31	3280.31	0.00
	02/09/04	3334.87	54.61	54.61	3280.26	3280.26	0.00
	02/16/04	3334.87	54.72	54.72	3280.15	3280.15	0.00
	02/20/04	3334.87	54.01	54.01	3280.86	3280.86	0.00
	03/10/04	3334.87	54.70	54.70	3280.17	3280.17	0.00
	03/22/04	3334.87	54.88	54.88	3279.99	3279.99	0.00
	04/06/04	3334.87	55.02	55.02	3279.85	3279.85	0.00
	04/19/04	3334.87	55.03	55.03	3279.84	3279.84	0.00
	04/22/04	3334.87	55.03	55.03	3279.84	3279.84	0.00
	05/12/04	3334.87	55.02	55.02	3279.85	3279.85	0.00
	07/26/04	3334.87	55.22	55.22	3279.65	3279.65	0.00
	11/09/04	3334.87	53.96	53.96	3280.91	3280.91	0.00
	02/14/05	3334.87	54.12	54.12	3280.75	3280.75	0.00
	05/16/05	3334.87	54.43	54.43	3280.44	3280.44	0.00
	09/09/05	3334.87	54.31	54.31	3280.56	3280.56	0.00
	11/28/05	3334.87	53.86	53.86	3281.01	3281.01	0.00
	02/24/06	3334.87	54.20	54.20	3280.67	3280.67	0.00
	05/01/06	3334.87	54.48	54.48	3280.39	3280.39	0.00
	08/08/06	3334.87	53.84	53.84	3281.03	3281.03	0.00
	10/31/06	3334.87	53.93	53.93	3280.94	3280.94	0.00
	05/30/07	3334.87	NR	54.07	3280.80	3280.80	NR
	11/01/07	3334.87	NR	54.18	3280.69	3280.69	NR
	06/03/08	3334.87	NR	54.12	3280.75	3280.75	NR
	10/21/08	3334.87	NR	54.20	3280.67	3280.67	NR

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-23	08/23/00	3334.45	52.70	52.70	3281.75	3281.75	0.00
	03/22/01	3334.45	52.70	52.70	3281.75	3281.75	0.00
	10/16/01	3334.45	51.92	51.92	3282.53	3282.53	0.00
	04/15/02	3334.45	53.08	53.08	3281.37	3281.37	0.00
	09/13/02	3334.45	52.98	52.98	3281.47	3281.47	0.00
	04/23/03	3334.45	52.70	52.70	3281.75	3281.75	0.00
	10/24/03	3334.45	52.90	52.90	3281.55	3281.55	0.00
	01/12/04	3334.45	52.94	52.94	3281.51	3281.51	0.00
	02/03/04	3334.45	54.32	54.32	3280.13	3280.13	0.00
	02/09/04	3334.45	54.39	54.39	3280.06	3280.06	0.00
	02/16/04	3334.45	54.40	54.40	3280.05	3280.05	0.00
	02/20/04	3334.45	54.52	54.52	3279.93	3279.93	0.00
	03/10/04	3334.45	54.66	54.66	3279.79	3279.79	0.00
	03/22/04	3334.45	54.71	54.71	3279.74	3279.74	0.00
	04/06/04	3334.45	54.79	54.79	3279.66	3279.66	0.00
	04/19/04	3334.45	54.86	54.86	3279.59	3279.59	0.00
	04/22/04	3334.45	54.86	54.86	3279.59	3279.59	0.00
	05/12/04	3334.45	54.94	54.94	3279.51	3279.51	0.00
	07/26/04	3334.45	55.20	55.20	3279.25	3279.25	0.00
	11/09/04	3334.45	54.85	54.85	3279.60	3279.60	0.00
	02/14/05	3334.45	54.69	54.69	3279.76	3279.76	0.00
	05/16/05	3334.45	54.84	54.84	3279.61	3279.61	0.00
	09/09/05	3334.45	54.73	54.73	3279.72	3279.72	0.00
	11/28/05	3334.45	54.14	54.14	3280.31	3280.31	0.00
	02/24/06	3334.45	54.25	54.25	3280.20	3280.20	0.00
	05/01/06	3334.45	54.34	54.34	3280.11	3280.11	0.00
	08/08/06	3334.45	53.22	53.22	3281.23	3281.23	0.00
	10/31/06	3334.45	53.44	53.44	3281.01	3281.01	0.00
	05/30/07	3334.45	NR	53.75	3280.70	3280.70	NR
	11/01/07	3334.45	NR	53.53	3280.92	3280.92	NR
	06/03/08	3334.45	NR	54.73	3279.72	3279.72	NR
	10/21/08	3334.45	NR	54.15	3280.30	3280.30	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWV-24	10/16/01	3335.22	52.11	52.11	3283.11	3283.11	0.00
	04/15/02	3335.22	53.29	53.29	3281.93	3281.93	0.00
	09/13/02	3335.22	53.26	53.26	3281.96	3281.96	0.00
	04/28/03	3335.22	53.12	53.12	3282.10	3282.10	0.00
	10/27/03	3335.22	53.17	53.17	3282.05	3282.05	0.00
	02/20/04	3335.22	53.19	53.19	3282.03	3282.03	0.00
	04/06/04	3335.22	53.16	53.16	3282.06	3282.06	0.00
	04/19/04	3335.22	53.13	53.13	3282.09	3282.09	0.00
	04/23/04	3335.22	53.13	53.13	3282.09	3282.09	0.00
	07/26/04	3335.22	53.16	53.16	3282.06	3282.06	0.00
	11/09/04	3335.22	52.63	52.63	3282.59	3282.59	0.00
	02/14/05	3335.22	52.38	52.38	3282.84	3282.84	0.00
	05/16/05	3335.22	52.46	52.46	3282.76	3282.76	0.00
	09/10/05	3335.22	52.35	52.35	3282.87	3282.87	0.00
	11/28/05	3336.97	53.97	53.97	3283.00	3283.00	0.00
	02/24/06	3336.97	53.94	53.94	3283.03	3283.03	0.00
	05/02/06	3336.97	54.05	54.05	3282.92	3282.92	0.00
	08/08/06	3336.97	54.18	54.18	3282.79	3282.79	0.00
	11/01/06	3336.97	54.13	54.13	3282.84	3282.84	0.00
	05/31/07	3336.97	NR	53.82	3283.15	3283.15	NR
	11/06/07	3336.97	NR	53.88	3283.09	3283.09	NR
	06/05/08	3336.97	NR	53.87	3283.10	3283.10	NR
	10/21/08	3336.97	NR	54.04	3282.93	3282.93	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-25	10/16/01	3334.55	51.46	51.46	3283.09	3283.09	0.00
	04/15/02	3334.55	52.68	52.68	3281.87	3281.87	0.00
	09/13/02	3334.55	52.60	52.60	3281.95	3281.95	0.00
	04/28/03	3334.55	52.41	52.41	3282.14	3282.14	0.00
	10/27/03	3334.55	52.59	52.59	3281.96	3281.96	0.00
	02/20/04	3334.55	52.64	52.64	3281.91	3281.91	0.00
	04/06/04	3334.55	52.66	52.66	3281.89	3281.89	0.00
	04/19/04	3334.55	52.63	52.63	3281.92	3281.92	0.00
	04/23/04	3334.55	52.63	52.63	3281.92	3281.92	0.00
	05/12/04	3334.55	52.57	52.57	3281.98	3281.98	0.00
	07/26/04	3334.55	52.68	52.68	3281.87	3281.87	0.00
	11/09/04	3334.55	52.06	52.06	3282.49	3282.49	0.00
	02/14/05	3334.55	51.68	51.68	3282.87	3282.87	0.00
	05/16/05	3334.55	51.68	51.68	3282.87	3282.87	0.00
	09/10/05	3334.55	51.69	51.69	3282.86	3282.86	0.00
	11/28/05	3336.31	53.28	53.28	3283.03	3283.03	0.00
	02/24/06	3336.31	53.36	53.36	3282.95	3282.95	0.00
	05/02/06	3336.31	53.58	53.58	3282.73	3282.73	0.00
	08/08/06	3336.31	53.73	53.73	3282.58	3282.58	0.00
	11/01/06	3336.31	53.69	53.69	3282.62	3282.62	0.00
	05/25/07	No access due to plant demo work					
	10/26/07	No access due to plant demo work					
	06/05/08	3336.31	NR	52.00	3284.31	3284.31	NR
	10/21/08	3336.31	NR	52.06	3284.25	3284.25	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-26	10/16/01	3333.16	50.15	50.15	3283.01	3283.01	0.00
	04/15/02	3333.16	51.47	51.47	3281.69	3281.69	0.00
	09/13/02	3333.16	51.45	51.45	3281.71	3281.71	0.00
	04/30/03	3333.16	51.32	51.32	3281.84	3281.84	0.00
	10/27/03	3333.16	51.44	51.44	3281.72	3281.72	0.00
	02/20/04	3333.16	51.47	51.47	3281.69	3281.69	0.00
	04/06/04	3333.16	51.44	51.44	3281.72	3281.72	0.00
	04/19/04	3333.16	51.42	51.42	3281.74	3281.74	0.00
	04/23/04	3333.16	51.42	51.42	3281.74	3281.74	0.00
	07/26/04	3333.16	51.44	51.44	3281.72	3281.72	0.00
	11/11/04	3333.16	50.88	50.88	3282.28	3282.28	0.00
	02/14/05	3333.16	50.57	50.57	3282.59	3282.59	0.00
	05/16/05	3333.16	50.67	50.67	3282.49	3282.49	0.00
	09/10/05	3333.16	50.54	50.54	3282.62	3282.62	0.00
	11/28/05	3334.93	52.15	52.15	3282.78	3282.78	0.00
	02/24/06	3334.93	52.19	52.19	3282.74	3282.74	0.00
	05/02/06	3334.93	52.30	52.30	3282.63	3282.63	0.00
	08/08/06	3334.93	52.39	52.39	3282.54	3282.54	0.00
	11/01/06	3334.93	52.38	52.38	3282.55	3282.55	0.00
	05/31/07	3334.93	52.00	52.01	3282.92	3282.92	0.01
	11/05/07	3334.93	NR	52.14	3282.79	3282.79	NR
	06/05/08	3334.93	NR	NR	NR	NR	NR
	10/21/08	3334.93	NR	52.34	3282.59	3282.59	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-27	10/16/01	3333.18	50.13	50.13	3283.05	3283.05	0.00
	04/15/02	3333.18	51.43	51.43	3281.75	3281.75	0.00
	09/13/02	3333.18	51.38	51.38	3281.80	3281.80	0.00
	04/30/03	3333.18	51.24	51.24	3281.94	3281.94	0.00
	10/27/03	3333.18	51.37	51.37	3281.81	3281.81	0.00
	02/20/04	3333.18	51.40	51.40	3281.78	3281.78	0.00
	04/06/04	3333.18	51.39	51.39	3281.79	3281.79	0.00
	04/19/04	3333.18	51.36	51.36	3281.82	3281.82	0.00
	04/23/04	3333.18	51.36	51.36	3281.82	3281.82	0.00
	04/23/04	3333.18	51.40	51.40	3281.78	3281.78	0.00
	11/11/04	3333.18	50.78	50.78	3282.40	3282.40	0.00
	02/14/05	3333.18	50.43	50.43	3282.75	3282.75	0.00
	05/16/05	3333.18	50.57	50.57	3282.61	3282.61	0.00
	09/10/05	3333.18	50.41	50.41	3282.77	3282.77	0.00
	11/28/05	3334.96	52.02	52.02	3282.94	3282.94	0.00
	02/24/06	3334.96	52.09	52.09	3282.87	3282.87	0.00
	05/02/06	3334.96	52.22	53.56	3281.40	3281.40	1.34
	08/08/06	3334.96	52.38	52.38	3282.58	3282.58	0.00
	11/01/06	3334.96	52.32	52.32	3282.64	3282.64	0.00
	05/31/07	3334.96	52.04	52.08	3282.88	3282.88	0.04
	11/05/07	3334.96	NR	52.11	3282.85	3282.85	NR
	06/05/08	3334.96	NR	52.34	3282.62	3282.62	NR
	10/21/08	3334.96	NR	52.41	3282.55	3282.55	NR

Table
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-28	10/16/01	3333.04	50.01	50.01	3283.03	3283.03	0.00
	04/15/02	3333.04	51.35	51.35	3281.69	3281.69	0.00
	09/13/02	3333.04	51.82	51.82	3281.22	3281.22	0.00
	04/21/03	3333.04	51.03	51.49	3281.55	3281.55	0.46
	10/20/03	3333.04	51.68	51.73	3281.31	3281.31	0.05
	<i>Installed Xitech pump</i>						
	04/06/04	3333.04	Pump	Pump	-	-	-
	04/19/04	3333.04	Pump	Pump	-	-	-
	07/26/04	3333.04	Pump	Pump	-	-	-
	11/02/04	3333.04	Pump	Pump	-	-	-
	02/14/05	3333.04	Pump	Pump	-	-	-
	05/16/05	3333.04	Pump	Pump	-	-	-
	09/09/05	3333.04	Pump	Pump	-	-	-
	11/28/05	3333.04	Pump	Pump	-	-	-
	02/24/06	3333.04	Pump	Pump	-	-	-
	05/01/06	3333.04	Pump	Pump	-	-	-
	08/08/06	3333.04	Pump	Pump	-	-	-
	11/01/06	3333.04	Pump	Pump	-	-	-
	06/05/08	3333.04	Pump	Pump	-	-	-
	10/21/08	3333.04	Pump	Pump	-	-	-

Table
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-29	11/08/04	3334.01	52.48	52.48	3281.53	3281.53	0.00
	02/14/05	3334.01	52.31	52.31	3281.70	3281.70	0.00
	05/16/05	3334.01	52.42	52.42	3281.59	3281.59	0.00
	09/09/05	3334.01	52.26	52.26	3281.75	3281.75	0.00
	11/28/05	3334.01	52.13	52.13	3281.88	3281.88	0.00
	02/24/06	3334.01	52.28	52.28	3281.73	3281.73	0.00
	05/01/06	3334.01	52.36	52.36	3281.65	3281.65	0.00
	08/07/06	3334.01	52.48	52.48	3281.53	3281.53	0.00
	10/31/06	3334.01	52.47	52.47	3281.54	3281.54	0.00
	05/23/07	3334.01	NR	52.11	3281.9	3281.90	NR
	10/29/07	3334.01	NR	52.31	3281.7	3281.70	NR
	05/28/08	3334.01	NR	52.48	3281.53	3281.53	NR
	10/21/08	3334.01	NR	52.37	3281.64	3281.64	NR
	11/05/04	3336.49	55.68	55.68	3280.81	3280.81	0.00
	02/14/05	3336.49	55.42	55.42	3281.07	3281.07	0.00
	05/16/05	3336.49	55.42	55.42	3281.07	3281.07	0.00
MW-30	06/13/05	3336.49	55.42	55.42	3281.07	3281.07	0.00
	09/09/05	3336.49	55.35	55.35	3281.14	3281.14	0.00
	11/28/05	3336.49	55.23	55.23	3281.26	3281.26	0.00
	02/24/06	3336.49	55.24	55.24	3281.25	3281.25	0.00
	05/01/06	3336.49	55.23	55.23	3281.26	3281.26	0.00
	08/07/06	3336.49	55.29	55.29	3281.20	3281.20	0.00
	10/31/06	3336.49	55.29	55.28	3281.21	3281.21	0.00
	05/23/07	3336.49	NR	55.19	3281.30	3281.30	NR
	10/29/07	3336.49	NR	55.16	3281.33	3281.33	NR
	05/28/08	3336.49	NR	55.20	3281.29	3281.29	NR
	10/21/08	3336.49	NR	55.14	3281.35	3281.35	NR

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-31	11/08/04	3334.52	54.20	54.20	3280.32	3280.32	0.00
	02/14/05	3334.52	53.91	53.91	3280.61	3280.61	0.00
	05/16/05	3334.52	53.90	53.90	3280.62	3280.62	0.00
	09/09/05	3334.52	53.82	53.82	3280.70	3280.70	0.00
	11/28/05	3334.52	53.73	53.73	3280.79	3280.79	0.00
	02/24/06	3334.52	53.74	53.74	3280.78	3280.78	0.00
	05/01/06	3334.52	53.71	53.71	3280.81	3280.81	0.00
	08/07/06	3334.52	53.79	53.79	3280.73	3280.73	0.00
	10/31/06	3334.52	53.76	53.76	3280.76	3280.76	0.00
	05/24/07	3334.52	NR	53.70	3280.82	3280.82	NR
	10/31/07	3334.52	NR	53.67	3280.85	3280.85	NR
	06/02/08	3334.52	NR	53.71	3280.81	3280.81	NR
MW-32	10/21/08	3334.52	NR	53.69	3280.83	3280.83	NR
	02/24/06	3333.01	50.75	50.75	3282.26	3282.26	0.00
	05/01/06	3333.01	50.90	50.90	3282.11	3282.11	0.00
	08/07/06	3333.01	51.10	51.10	3281.91	3281.91	0.00
	10/31/06	3333.01	51.05	51.05	3281.96	3281.96	0.00
	05/23/07	3333.01	NR	51.54	3281.47	3281.47	NR
	10/29/07	3333.01	NR	50.83	3282.18	3282.18	NR
	05/28/08	3333.01	NR	51.15	3281.86	3281.86	NR
	10/21/08	3333.01	NR	51.17	3281.84	3281.84	NR
	02/24/06	3335.77	53.32	53.32	3282.45	3282.45	0.00
	05/01/06	3335.77	53.39	53.39	3282.38	3282.38	0.00
	08/07/06	3335.77	53.36	53.36	3282.41	3282.41	0.00
MW-34	10/31/06	3335.77	53.27	53.27	3282.50	3282.50	0.00
	05/23/07	3335.77	NR	52.72	3283.05	3283.05	NR
	10/30/07	3335.77	NR	53.21	3282.56	3282.56	NR
	05/28/08	3335.77	NR	53.41	3282.36	3282.36	NR
	10/21/08	3335.77	NR	53.38	3282.39	3282.39	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-1	10/16/01	3335.26	52.44	52.44	3282.82	3282.82	0.00
	04/15/02	3335.26	53.56	53.56	3281.70	3281.70	0.00
	09/13/02	3335.26	53.53	53.53	3281.73	3281.73	0.00
	04/23/03	3335.26	53.26	53.26	3282.00	3282.00	0.00
	10/23/03	3335.26	53.34	53.34	3281.92	3281.92	0.00
	01/12/04	3335.26	53.35	53.35	3281.91	3281.91	0.00
	02/03/04	3335.26	53.48	53.48	3281.78	3281.78	0.00
	02/09/04	3335.26	53.57	53.57	3281.69	3281.69	0.00
	02/16/04	3335.26	53.64	53.64	3281.62	3281.62	0.00
	02/20/04	3335.26	53.68	53.68	3281.58	3281.58	0.00
	03/10/04	3335.26	53.78	53.78	3281.48	3281.48	0.00
	03/22/04	3335.26	53.83	53.83	3281.43	3281.43	0.00
	04/06/04	3335.26	53.90	53.90	3281.36	3281.36	0.00
	04/19/04	3335.26	53.95	53.95	3281.31	3281.31	0.00
	04/21/04	3335.26	53.95	53.95	3281.31	3281.31	0.00
	05/12/04	3335.26	54.01	54.01	3281.25	3281.25	0.00
	07/26/04	3335.26	54.16	54.16	3281.10	3281.10	0.00
	11/03/04	3335.26	54.08	54.08	3281.18	3281.18	0.00
	02/14/05	3335.26	53.78	53.78	3281.48	3281.48	0.00
	05/16/05	3335.26	53.83	53.83	3281.43	3281.43	0.00
	09/12/05	3335.26	53.77	53.77	3281.49	3281.49	0.00
	11/28/05	3335.26	53.45	53.45	3281.81	3281.81	0.00
	02/24/06	3335.26	53.49	53.49	3281.77	3281.77	0.00
	05/01/06	3335.26	53.51	53.51	3281.75	3281.75	0.00
	08/08/06	3335.26	53.43	53.43	3281.83	3281.83	0.00
	10/31/06	3335.26	53.47	53.47	3281.79	3281.79	0.00
	05/29/07	3335.26	NR	53.67	3281.59	3281.59	NR
	11/01/07	3335.26	NR	53.43	3281.83	3281.83	NR
	06/03/08	3335.26	NR	53.55	3281.71	3281.71	NR
	10/21/08	3335.26	NR	53.41	3281.85	3281.85	NR

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-2	10/16/01	3336.32	53.33	53.33	3282.99	3282.99	0.00
	04/15/02	3336.32	54.47	54.47	3281.85	3281.85	0.00
	09/13/02	3336.32	54.43	54.43	3281.89	3281.89	0.00
	04/24/03	3336.32	54.15	54.15	3282.17	3282.17	0.00
	10/23/03	3336.32	54.25	54.25	3282.07	3282.07	0.00
	01/12/04	3336.32	54.26	54.26	3282.06	3282.06	0.00
	02/03/04	3336.32	54.29	54.29	3282.03	3282.03	0.00
	02/09/04	3336.32	54.32	54.32	3282.00	3282.00	0.00
	02/16/04	3336.32	54.35	54.35	3281.97	3281.97	0.00
	02/20/04	3336.32	54.38	54.38	3281.94	3281.94	0.00
	03/10/04	3336.32	54.46	54.46	3281.86	3281.86	0.00
	03/22/04	3336.32	54.50	54.50	3281.82	3281.82	0.00
	04/06/04	3336.32	54.53	54.53	3281.79	3281.79	0.00
	04/19/04	3336.32	54.58	54.58	3281.74	3281.74	0.00
	04/21/04	3336.32	54.58	54.58	3281.74	3281.74	0.00
	05/12/04	3336.32	54.61	54.61	3281.71	3281.71	0.00
	07/26/04	3336.32	54.71	54.71	3281.61	3281.61	0.00
	11/03/04	3336.32	54.52	54.52	3281.80	3281.80	0.00
	02/14/05	3336.32	54.12	54.12	3282.20	3282.20	0.00
	05/16/05	3336.32	54.18	54.18	3282.14	3282.14	0.00
	09/11/05	3336.32	54.17	54.17	3282.15	3282.15	0.00
	11/28/05	3336.32	53.92	53.92	3282.40	3282.40	0.00
	02/24/06	3336.32	53.89	53.89	3282.43	3282.43	0.00
	05/01/06	3336.32	54.77	54.77	3281.55	3281.55	0.00
	08/08/06	3336.32	54.20	54.20	3282.12	3282.12	0.00
	10/31/06	3336.32	54.18	54.18	3282.14	3282.14	0.00
	05/29/07	3336.32	NR	54.49	3281.83	3281.83	NR
	11/01/07	3336.32	NR	54.67	3281.65	3281.65	NR
	06/03/08	3336.32	NR	54.33	3281.99	3281.99	NR
	10/21/08	3336.32	NR	54.58	3281.74	3281.74	NR

Table 11.1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-3	10/16/01	3335.06	52.68	52.68	3282.38	3282.38	0.00
	04/15/02	3335.06	53.74	53.74	3281.32	3281.32	0.00
	09/13/02	3335.06	53.40	53.40	3281.66	3281.66	0.00
	04/28/03	3335.06	53.30	53.30	3281.76	3281.76	0.00
	10/28/03	3335.06	53.66	53.66	3281.40	3281.40	0.00
	01/12/04	3335.06	53.75	53.75	3281.31	3281.31	0.00
	02/03/04	3335.06	68.50	68.50	3266.56	3266.56	0.00
	02/09/04	3335.06	65.55	65.55	3269.51	3269.51	0.00
	02/16/04	3335.06	65.50	65.50	3269.56	3269.56	0.00
	02/20/04	3335.06	54.18	54.18	3280.88	3280.88	0.00
	03/10/04	3335.06	Pump	Pump	-	-	-
	03/22/04	3335.06	Pump	Pump	-	-	-
	04/06/04	3335.06	Pump	Pump	-	-	-
	04/19/04	3335.06	Pump	Pump	-	-	-
	04/22/04	3335.06	Pump	Pump	-	-	-
	05/12/04	3335.06	Pump	Pump	-	-	-
	07/26/04	3335.06	Pump	Pump	-	-	-
	11/09/04	3335.06	Pump	Pump	-	-	-
	02/14/05	3335.06	Pump	Pump	-	-	-
	05/16/05	3335.06	Pump	Pump	-	-	-
	09/12/05	3335.06	Pump	Pump	-	-	-
	11/28/05	3335.06	Pump	Pump	-	-	-
	02/24/06	3335.06	Pump	Pump	-	-	-
	05/01/06	3335.06	Pump	Pump	-	-	-
	08/08/06	3335.06	Pump	Pump	-	-	-
	10/31/06	3335.06	Pump	Pump	-	-	-
	05/30/07	3335.06	Pump	Pump	-	-	-
	10/29/07	3335.06	Pump	Pump	-	-	-
	06/05/08	3335.06	Pump	Pump	-	-	-
	10/21/08	3335.06	Pump	Pump	-	-	-

Tab 3
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-4	10/16/01	3330.86	48.20	48.20	3282.66	3282.66	0.00
	04/15/02	3330.86	49.49	49.49	3281.37	3281.37	0.00
	09/13/02	3330.86	48.80	48.80	3282.06	3282.06	0.00
	04/24/03	3330.86	49.12	49.12	3281.74	3281.74	0.00
	10/24/03	3330.86	49.51	49.51	3281.35	3281.35	0.00
	01/12/04	3330.86	49.62	49.62	3281.24	3281.24	0.00
	02/03/04	3330.86	49.67	49.67	3281.19	3281.19	0.00
	02/09/04	3330.86	49.72	49.72	3281.14	3281.14	0.00
	02/16/04	3330.86	49.72	49.72	3281.14	3281.14	0.00
	02/20/04	3330.86	49.72	49.72	3281.14	3281.14	0.00
	03/10/04	3330.86	49.78	49.78	3281.08	3281.08	0.00
	03/22/04	3330.86	49.79	49.79	3281.07	3281.07	0.00
	04/06/04	3330.86	49.83	49.83	3281.03	3281.03	0.00
	04/19/04	3330.86	49.42	49.42	3281.44	3281.44	0.00
	04/22/04	3330.86	49.42	49.42	3281.44	3281.44	0.00
	05/12/04	3330.86	49.48	49.48	3281.38	3281.38	0.00
	07/26/04	3330.86	49.91	49.91	3280.95	3280.95	0.00
	11/05/04	3330.86	46.86	46.86	3284.00	3284.00	0.00
	02/14/05	3330.86	48.29	48.29	3282.57	3282.57	0.00
	05/16/05	3330.86	49.02	49.02	3281.84	3281.84	0.00
	09/10/05	3330.86	48.74	48.74	3282.12	3282.12	0.00
	11/28/05	3330.86	48.52	48.52	3282.34	3282.34	0.00
	02/24/06	3330.86	49.05	49.05	3281.81	3281.81	0.00
	05/01/06	3330.86	49.63	49.63	3281.23	3281.23	0.00
	08/07/06	3330.86	49.76	49.76	3281.10	3281.10	0.00
	10/31/06	3330.86	49.93	49.93	3280.93	3280.93	0.00
	05/23/07	3330.86	NR	48.80	3282.06	3282.06	NR
	10/30/07	3330.86	NR	49.19	3281.67	3281.67	NR
	05/28/08	3330.86	NR	49.81	3281.05	3281.05	NR
	10/21/08	3330.86	NR	50.21	3280.65	3280.65	NR

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-5	10/16/01	3334.01	51.08	51.08	3282.93	3282.93	0.00
	04/15/02	3334.01	52.68	52.68	3281.33	3281.33	0.00
	09/13/02	3334.01	52.62	52.62	3281.39	3281.39	trace
	04/30/03	3334.01	52.59	52.59	3281.42	3281.42	trace
	10/28/03	3334.01	52.76	52.78	3281.23	3281.23	0.02
	02/20/04	3334.01	52.81	52.81	3281.20	3281.20	0.00
	04/06/04	3334.01	52.78	52.78	3281.23	3281.23	0.00
	04/19/04	3334.01	52.65	52.65	3281.36	3281.36	0.00
	04/26/04	3334.01	52.65	52.65	3281.36	3281.36	0.00
	07/26/04	3334.01	52.77	52.77	3281.24	3281.24	0.00
	11/09/04	3334.01	52.01	52.01	3282.00	3282.00	0.00
	02/14/05	3334.01	51.76	51.76	3282.25	3282.25	0.00
	05/16/05	3334.01	51.90	51.90	3282.11	3282.11	0.00
	09/10/05	3334.01	51.73	51.73	3282.28	3282.28	0.00
	11/28/05	3334.01	51.62	51.62	3282.39	3282.39	0.00
	02/24/06	3334.01	51.74	51.74	3282.27	3282.27	0.00
	05/01/06	3334.01	51.86	51.86	3282.15	3282.15	0.00
	08/07/06	3334.01	51.98	51.98	3282.03	3282.03	0.00
	10/31/06	3334.01	51.97	51.97	3282.04	3282.04	0.00
	05/31/07	3334.01	NR	51.59	3282.42	3282.42	NR
	11/05/07	3334.01	NR	51.76	3282.25	3282.25	NR
	06/04/08	3334.01	NR	52.00	3282.01	3282.01	NR
	10/21/08	3334.01	NR	51.49	3282.52	3282.52	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWVD-6	10/16/01	3335.08	52.69	52.69	3282.39	3282.39	0.00
	04/15/02	3335.08	54.08	54.08	3281.00	3281.00	0.00
	09/13/02	3335.08	54.03	54.03	3281.05	3281.05	0.00
	04/23/03	3335.08	54.04	54.04	3281.04	3281.04	0.00
	10/23/03	3335.08	54.13	54.13	3280.95	3280.95	0.00
	02/20/04	3335.08	54.16	54.16	3280.92	3280.92	0.00
	04/06/04	3335.08	54.13	54.13	3280.95	3280.95	0.00
	04/19/04	3335.08	54.09	54.09	3280.99	3280.99	0.00
	04/21/04	3335.08	54.09	54.09	3280.99	3280.99	0.00
	07/26/04	3335.08	54.13	54.13	3280.95	3280.95	0.00
	11/05/04	3335.08	53.55	53.55	3281.53	3281.53	0.00
	02/14/05	3335.08	53.42	53.42	3281.66	3281.66	0.00
	05/16/05	3335.08	53.47	53.47	3281.61	3281.61	0.00
	09/10/05	3335.08	53.35	53.35	3281.73	3281.73	0.00
	11/28/05	3335.08	53.22	53.22	3281.86	3281.86	0.00
	02/24/06	3335.08	53.34	53.34	3281.74	3281.74	0.00
	05/01/06	3335.08	53.38	53.38	3281.70	3281.70	0.00
	08/07/06	3335.08	53.42	53.42	3281.66	3281.66	0.00
	10/31/06	3335.08	53.39	53.39	3281.69	3281.69	0.00
	05/31/07	3335.08	NR	53.12	3281.96	3281.96	NR
	11/05/07	3335.08	NR	53.23	3281.85	3281.85	NR
	06/04/08	3335.08	NR	53.38	3281.70	3281.70	NR
	10/21/08	3335.08	NR	53.24	3281.84	3281.84	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-7	04/15/02	3332.82	51.71	51.71	3281.11	3281.11	0.00
	09/13/02	3332.82	51.69	51.69	3281.13	3281.13	0.00
	04/22/03	3332.82	51.42	51.42	3281.40	3281.40	0.00
	10/22/03	3332.82	51.52	51.52	3281.30	3281.30	0.00
	01/12/04	3332.82	51.53	51.53	3281.29	3281.29	0.00
	02/03/04	3332.82	51.57	51.57	3281.25	3281.25	0.00
	02/09/04	3332.82	51.61	51.61	3281.21	3281.21	0.00
	02/16/04	3332.82	51.65	51.65	3281.17	3281.17	0.00
	02/20/04	3332.82	51.69	51.69	3281.13	3281.13	0.00
	03/10/04	3332.82	51.73	51.73	3281.09	3281.09	0.00
	03/22/04	3332.82	51.77	51.77	3281.05	3281.05	0.00
	04/06/04	3332.82	51.81	51.81	3281.01	3281.01	0.00
	04/19/04	3332.82	51.85	51.85	3280.97	3280.97	0.00
	04/21/04	3332.82	51.85	51.85	3280.97	3280.97	0.00
	05/12/04	3332.82	51.88	51.88	3280.94	3280.94	0.00
	07/26/04	3332.82	52.01	52.01	3280.81	3280.81	0.00
	11/03/04	3332.82	51.79	51.79	3281.03	3281.03	0.00
	02/14/05	3332.82	51.55	51.55	3281.27	3281.27	0.00
	05/16/05	3332.82	51.63	51.63	3281.19	3281.19	0.00
	09/12/05	3332.82	51.63	51.63	3281.19	3281.19	0.00
	11/28/05	3332.82	51.42	51.42	3281.40	3281.40	0.00
	02/24/06	3332.82	51.39	51.39	3281.43	3281.43	0.00
	05/01/06	3332.82	51.38	51.38	3281.44	3281.44	0.00
	08/08/06	3332.82	51.44	51.44	3281.38	3281.38	0.00
	10/31/06	3332.82	51.48	51.48	3281.34	3281.34	0.00
	05/29/07	3332.82	NR	51.60	3281.22	3281.22	NR
	11/01/07	3332.82	NR	51.35	3281.47	3281.47	NR
	06/03/08	3332.82	NR	51.51	3281.31	3281.31	NR
	10/21/08	3332.82	NR	51.45	3281.37	3281.37	NR

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-8	04/15/02	3335.97	54.22	54.22	3281.75	3281.75	0.00
	09/13/02	3335.97	54.19	54.19	3281.78	3281.78	0.00
	04/23/03	3335.97	53.96	53.96	3282.01	3282.01	0.00
	10/23/03	3335.97	53.98	53.98	3281.99	3281.99	0.00
	01/12/04	3335.97	53.96	53.96	3282.01	3282.01	0.00
	02/03/04	3335.97	53.97	53.97	3282.00	3282.00	0.00
	02/09/04	3335.97	53.96	53.96	3282.01	3282.01	0.00
	02/16/04	3335.97	53.97	53.97	3282.00	3282.00	0.00
	02/20/04	3335.97	54.01	54.01	3281.96	3281.96	0.00
	03/10/04	3335.97	54.01	54.01	3281.96	3281.96	0.00
	03/22/04	3335.97	54.04	54.04	3281.93	3281.93	0.00
	04/06/04	3335.97	54.05	54.05	3281.92	3281.92	0.00
	04/19/04	3335.97	54.08	54.08	3281.89	3281.89	0.00
	04/21/04	3335.97	54.08	54.08	3281.89	3281.89	0.00
	05/12/04	3335.97	54.08	54.08	3281.89	3281.89	0.00
	07/26/04	3335.97	54.12	54.12	3281.85	3281.85	0.00
	11/03/04	3335.97	54.04	54.04	3281.93	3281.93	0.00
	02/14/05	3335.97	53.69	53.69	3282.28	3282.28	0.00
	05/16/05	3335.97	53.65	53.65	3282.32	3282.32	0.00
	09/11/05	3335.97	53.61	53.61	3282.36	3282.36	0.00
	11/28/05	3335.97	53.48	53.48	3282.49	3282.49	0.00
	02/24/06	3335.97	53.42	53.42	3282.55	3282.55	0.00
	05/02/06	3335.97	53.58	53.58	3282.39	3282.39	0.00
	08/08/06	3335.97	53.60	53.60	3282.37	3282.37	0.00
	10/31/06	3335.97	53.53	53.53	3282.44	3282.44	0.00
	05/29/07	3335.97	NR	53.57	3282.40	3282.40	NR
	11/01/07	3335.97	NR	53.49	3282.48	3282.48	NR
	06/02/08	3335.97	NR	53.51	3282.46	3282.46	NR
	10/21/08	3335.97	NR	53.49	3282.48	3282.48	NR

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-9	04/15/02	3333.45	52.46	52.46	3280.99	3280.99	0.00
	09/13/02	3333.45	52.33	52.33	3281.12	3281.12	0.00
	04/25/03	3333.45	52.08	52.08	3281.37	3281.37	0.00
	10/28/03	3333.45	52.31	52.31	3281.14	3281.14	0.00
	01/12/04	3333.45	52.36	52.36	3281.09	3281.09	0.00
	02/03/04	3333.45	79.95	79.95	3253.50	3253.50	0.00
	02/09/04	3333.45	76.47	76.47	3256.98	3256.98	0.00
	02/16/04	3333.45	76.20	76.20	3257.25	3257.25	0.00
	02/20/04	3333.45	77.00	77.00	3256.45	3256.45	0.00
	03/10/04	3333.45	Pump	Pump	-	-	-
	03/22/04	3333.45	Pump	Pump	-	-	-
	04/06/04	3333.45	Pump	Pump	-	-	-
	04/19/04	3333.45	Pump	Pump	-	-	-
	04/22/04	3333.45	Pump	Pump	-	-	-
	05/12/04	3333.45	Pump	Pump	-	-	-
	07/26/04	3333.45	Pump	Pump	-	-	-
	11/09/04	3333.45	Pump	Pump	-	-	-
	02/14/05	3333.45	Pump	Pump	-	-	-
	05/16/05	3333.45	Pump	Pump	-	-	-
	09/12/05	3333.45	Pump	Pump	-	-	-
	11/28/05	3333.45	Pump	Pump	-	-	-
	02/24/06	3333.45	Pump	Pump	-	-	-
	05/01/06	3333.45	Pump	Pump	-	-	-
	08/08/06	3333.45	Pump	Pump	-	-	-
	10/31/06	3333.45	Pump	Pump	-	-	-
	05/30/07	3333.45	Pump	Pump	-	-	-
	10/29/07	3333.45	Pump	Pump	-	-	-
	06/05/08	3333.45	Pump	Pump	-	-	-
	10/21/08	3333.45	Pump	Pump	-	-	-

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-10	04/15/02	3334.92	53.52	53.52	3281.40	3281.40	0.00
	09/13/02	3334.92	53.44	53.44	3281.48	3281.48	0.00
	04/23/03	3334.92	53.17	53.17	3281.75	3281.75	0.00
	10/24/03	3334.92	53.34	53.34	3281.58	3281.58	0.00
	01/12/04	3334.92	53.39	53.39	3281.53	3281.53	0.00
	02/03/04	3334.92	53.40	53.40	3281.52	3281.52	0.00
	02/09/04	3334.92	53.42	53.42	3281.50	3281.50	0.00
	02/16/04	3334.92	53.46	53.46	3281.46	3281.46	0.00
	02/20/04	3334.92	53.48	53.48	3281.44	3281.44	0.00
	03/10/04	3334.92	53.47	53.47	3281.45	3281.45	0.00
	03/22/04	3334.92	53.50	53.50	3281.42	3281.42	0.00
	04/06/04	3334.92	53.55	53.55	3281.37	3281.37	0.00
	04/19/04	3334.92	53.55	53.55	3281.37	3281.37	0.00
	04/23/04	3334.92	53.55	53.55	3281.37	3281.37	0.00
	05/12/04	3334.92	53.52	53.52	3281.40	3281.40	0.00
	07/26/04	3334.92	53.60	53.60	3281.32	3281.32	0.00
	11/09/04	3334.92	53.11	53.11	3281.81	3281.81	0.00
	02/14/05	3334.92	52.63	52.63	3282.29	3282.29	0.00
	05/16/05	3334.92	52.82	52.82	3282.10	3282.10	0.00
	09/12/05	3334.92	52.71	52.71	3282.21	3282.21	0.00
	11/28/05	3334.92	52.49	52.49	3282.43	3282.43	0.00
	02/24/06	3334.92	52.56	52.56	3282.36	3282.36	0.00
	05/02/06	3334.92	52.86	52.86	3282.06	3282.06	0.00
	08/08/06	3334.92	53.04	53.04	3281.88	3281.88	0.00
	10/31/06	3334.92	52.91	52.91	3282.01	3282.01	0.00
	05/30/07	3334.92	NR	53.06	3281.86	3281.86	NR
	11/05/07	3334.92	NR	52.76	3282.16	3282.16	NR
	06/04/08	3334.92	NR	53.02	3281.90	3281.90	NR
	10/21/08	3334.92	NR	53.08	3281.84	3281.84	NR

Table
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet) AMSL	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet) AMSL	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-11	04/15/02	3338.24	56.39	56.39	3281.85	3281.85	0.00
	09/13/02	3338.24	56.33	56.33	3281.91	3281.91	0.00
	04/22/03	3338.24	56.14	56.14	3282.10	3282.10	0.00
	10/21/03	3338.24	56.15	56.15	3282.09	3282.09	0.00
	02/20/04	3338.24	56.15	56.15	3282.09	3282.09	0.00
	04/06/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	04/19/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	04/20/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	07/26/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	11/03/04	3338.24	55.97	55.97	3282.27	3282.27	0.00
	02/14/05	3338.24	55.60	55.60	3282.64	3282.64	0.00
	05/16/05	3338.24	55.57	55.57	3282.67	3282.67	0.00
	09/09/05	3338.24	55.52	55.52	3282.72	3282.72	0.00
	11/28/05	3338.24	55.39	55.39	3282.85	3282.85	0.00
	02/24/06	3338.24	55.32	55.32	3282.92	3282.92	0.00
	05/02/06	3338.24	55.40	55.40	3282.84	3282.84	0.00
	08/08/06	3338.24	55.52	55.52	3282.72	3282.72	0.00
	10/31/06	3338.24	55.42	55.42	3282.82	3282.82	0.00
	05/29/07	3338.24	NR	55.40	3282.84	3282.84	NR
	10/31/07	3338.24	NR	55.26	3282.98	3282.98	NR
	06/02/08	3338.24	NR	55.31	3282.93	3282.93	NR
	10/21/08	3338.24	NR	55.34	3282.90	3282.90	NR

Table
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-12	04/15/02	3334.08	53.13	53.13	3280.95	3280.95	0.00
	09/13/02	3334.08	52.94	52.94	3281.14	3281.14	0.00
	04/24/03	3334.08	52.80	52.80	3281.28	3281.28	0.00
	10/23/03	3334.08	53.00	53.00	3281.08	3281.08	0.00
	01/12/04	3334.08	53.14	53.14	3280.94	3280.94	0.00
	02/03/04	3334.08	53.14	53.14	3280.94	3280.94	0.00
	02/09/04	3334.08	53.15	53.15	3280.93	3280.93	0.00
	02/16/04	3334.08	53.18	53.18	3280.90	3280.90	0.00
	02/20/04	3334.08	53.24	53.24	3280.84	3280.84	0.00
	03/10/04	3334.08	53.19	53.19	3280.89	3280.89	0.00
	03/22/04	3334.08	53.23	53.23	3280.85	3280.85	0.00
	04/06/04	3334.08	53.27	53.27	3280.81	3280.81	0.00
	04/19/04	3334.08	53.22	53.22	3280.86	3280.86	0.00
	04/22/04	3334.08	53.22	53.22	3280.86	3280.86	0.00
	05/12/04	3334.08	53.15	53.15	3280.93	3280.93	0.00
	07/26/04	3334.08	53.30	53.30	3280.78	3280.78	0.00
	11/05/04	3334.08	52.46	52.46	3281.62	3281.62	0.00
	02/14/05	3334.08	53.98	53.98	3280.10	3280.10	0.00
	05/16/05	3334.08	52.36	52.36	3281.72	3281.72	0.00
	09/12/05	3334.08	52.20	52.20	3281.88	3281.88	0.00
	11/28/05	3334.08	51.94	51.94	3282.14	3282.14	0.00
	02/24/06	3334.08	52.22	52.22	3281.86	3281.86	0.00
	05/01/06	3334.08	52.47	52.47	3281.61	3281.61	0.00
	08/07/06	3334.08	52.75	52.75	3281.33	3281.33	0.00
	10/31/06	3334.08	52.71	52.71	3281.37	3281.37	0.00
	05/30/07	3334.08	NR	52.75	3281.33	3281.33	NR
	11/05/07	3334.08	NR	52.37	3281.71	3281.71	NR
	06/04/08	3334.08	NR	52.80	3281.28	3281.28	NR
	10/21/08	3334.08	NR	52.96	3281.12	3281.12	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-13	04/15/02	3332.11	51.24	51.24	3280.87	3280.87	0.00
	09/13/02	3332.11	50.95	50.95	3281.16	3281.16	0.00
	04/24/03	3332.11	50.80	50.80	3281.31	3281.31	0.00
	10/24/03	3332.11	51.10	51.10	3281.01	3281.01	0.00
	01/12/04	3332.11	51.18	51.18	3280.93	3280.93	0.00
	02/03/04	3332.11	51.33	51.33	3280.78	3280.78	0.00
	02/09/04	3332.11	51.41	51.41	3280.70	3280.70	0.00
	02/16/04	3332.11	51.48	51.48	3280.63	3280.63	0.00
	02/20/04	3332.11	51.47	51.47	3280.64	3280.64	0.00
	03/10/04	3332.11	51.67	51.67	3280.44	3280.44	0.00
	03/22/04	3332.11	51.75	51.75	3280.36	3280.36	0.00
	04/06/04	3332.11	51.85	51.85	3280.26	3280.26	0.00
	04/19/04	3332.11	51.90	51.90	3280.21	3280.21	0.00
	04/22/04	3332.11	51.90	51.90	3280.21	3280.21	0.00
	05/12/04	3332.11	51.92	51.92	3280.19	3280.19	0.00
	07/26/04	3332.11	52.15	52.15	3279.96	3279.96	0.00
	11/05/04	3332.11	51.01	51.01	3281.10	3281.10	0.00
	02/14/05	3332.11	51.17	51.17	3280.94	3280.94	0.00
	05/16/05	3332.11	51.59	51.59	3280.52	3280.52	0.00
	09/11/05	3332.11	51.48	51.48	3280.63	3280.63	0.00
	11/28/05	3332.11	51.08	51.08	3281.03	3281.03	0.00
	02/24/06	3332.11	51.38	51.38	3280.73	3280.73	0.00
	05/01/06	3332.11	51.55	51.55	3280.56	3280.56	0.00
	08/07/06	3332.11	51.53	51.53	3280.58	3280.58	0.00
	10/31/06	3332.11	51.79	51.79	3280.32	3280.32	0.00
	05/23/07	3332.11	NR	51.83	3280.28	3280.28	NR
	10/30/07	3332.11	NR	51.58	3280.53	3280.53	NR
	05/29/08	3332.11	NR	52.10	3280.01	3280.01	NR
	10/21/08	3332.11	NR	52.12	3279.99	3279.99	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-14	04/15/02	3333.76	52.59	52.59	3281.17	3281.17	0.00
	09/13/02	3333.76	52.44	52.44	3281.32	3281.32	0.00
	04/25/03	3333.76	52.18	52.18	3281.58	3281.58	0.00
	10/24/03	3333.76	52.43	52.43	3281.33	3281.33	0.00
	01/12/04	3333.76	52.49	52.49	3281.27	3281.27	0.00
	02/03/04	3333.76	52.59	52.59	3281.17	3281.17	0.00
	02/09/04	3333.76	52.62	52.62	3281.14	3281.14	0.00
	02/16/04	3333.76	52.67	52.67	3281.09	3281.09	0.00
	02/20/04	3333.76	52.70	52.70	3281.06	3281.06	0.00
	03/10/04	3333.76	52.77	52.77	3280.99	3280.99	0.00
	03/22/04	3333.76	52.82	52.82	3280.94	3280.94	0.00
	04/06/04	3333.76	52.88	52.88	3280.88	3280.88	0.00
	04/19/04	3333.76	52.92	52.92	3280.84	3280.84	0.00
	04/22/04	3333.76	52.92	52.92	3280.84	3280.84	0.00
	05/12/04	3333.76	52.90	52.90	3280.86	3280.86	0.00
	07/26/04	3333.76	53.07	53.07	3280.69	3280.69	0.00
	11/09/04	3333.76	52.32	52.32	3281.44	3281.44	0.00
	02/14/05	3333.76	52.02	52.02	3281.74	3281.74	0.00
	05/16/05	3333.76	52.36	52.36	3281.40	3281.40	0.00
	09/12/05	3333.76	52.10	52.10	3281.66	3281.66	0.00
	11/28/05	3333.76	51.82	51.82	3281.94	3281.94	0.00
	02/24/06	3333.76	52.06	52.06	3281.70	3281.70	0.00
	05/01/06	3333.76	52.39	52.39	3281.37	3281.37	0.00
	08/08/06	3333.76	52.46	52.46	3281.30	3281.30	0.00
	10/31/06	3333.76	52.36	52.36	3281.40	3281.40	0.00
	05/30/07	3333.76	NR	52.61	3281.15	3281.15	NR
	11/05/07	3333.76	NR	52.14	3281.62	3281.62	NR
	06/04/08	3333.76	NR	52.61	3281.15	3281.15	NR
	10/21/08	3333.76	NR	52.61	3281.15	3281.15	NR

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-15	01/11/05	3335.35	53.29	53.29	3282.06	3282.06	0.00
	02/14/05	3335.35	52.87	52.87	3282.48	3282.48	0.00
	05/16/05	3335.35	53.03	53.03	3282.32	3282.32	0.00
	09/12/05	3335.35	52.96	52.96	3282.39	3282.39	0.00
	11/28/05	3335.35	52.72	52.72	3282.63	3282.63	0.00
	02/24/06	3335.35	52.74	52.74	3282.61	3282.61	0.00
	05/01/06	3335.35	53.23	53.23	3282.12	3282.12	0.00
	08/08/06	3335.35	53.18	53.18	3282.17	3282.17	0.00
	10/31/06	3335.35	53.14	53.14	3282.21	3282.21	0.00
	05/30/07	3335.35	NR	53.35	3282.00	3282.00	NR
	11/05/07	3335.35	NR	53.14	3282.21	3282.21	NR
	06/03/08	3335.35	NR	53.25	3282.10	3282.10	NR
	10/21/08	3335.35	NR	53.35	3282.00	3282.00	NR
	11/08/04	3334.10	52.02	52.02	3282.08	3282.08	0.00
	02/14/05	3334.10	51.58	51.58	3282.52	3282.52	0.00
MWD-16	05/16/05	3334.10	51.87	51.87	3282.23	3282.23	0.00
	09/12/05	3334.10	51.71	51.71	3282.39	3282.39	0.00
	11/28/05	3334.10	51.45	51.45	3282.65	3282.65	0.00
	02/24/06	3334.10	51.60	51.60	3282.50	3282.50	0.00
	05/02/06	3334.10	51.93	51.93	3282.17	3282.17	0.00
	08/08/06	3334.10	52.11	52.11	3281.99	3281.99	0.00
	10/31/06	3334.10	52.02	52.02	3282.08	3282.08	0.00
	05/30/07	3334.10	NR	52.20	3281.90	3281.90	NR
	11/05/07	3334.10	NR	51.79	3282.31	3282.31	NR
	06/04/08	3334.10	NR	52.18	3281.92	3281.92	NR
	10/21/08	3334.10	NR	52.22	3281.88	3281.88	NR

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-17	11/08/04	3334.74	53.85	53.85	3280.89	3280.89	0.00
	02/14/05	3334.74	53.79	53.79	3280.95	3280.95	0.00
	05/16/05	3334.74	54.11	54.11	3280.63	3280.63	0.00
	09/12/05	3334.74	53.88	53.88	3280.86	3280.86	0.00
	11/28/05	3334.74	53.48	53.48	3281.26	3281.26	0.00
	02/24/06	3334.74	53.68	53.68	3281.06	3281.06	0.00
	05/01/06	3334.74	53.90	53.90	3280.84	3280.84	0.00
	08/08/06	3334.74	53.57	53.57	3281.17	3281.17	0.00
	10/31/06	3334.74	53.63	53.63	3281.11	3281.11	0.00
	05/30/07	3334.74	NR	53.96	3280.78	3280.78	NR
	11/01/07	3334.74	NR	53.62	3281.12	3281.12	NR
	06/03/08	3334.74	NR	53.97	3280.77	3280.77	NR
	10/21/08	3334.74	NR	53.85	3280.89	3280.89	NR
	12/07/98	3335.19	53.66	53.66	3281.53	3281.53	0.00
	08/23/00	3335.19	53.20	53.20	3281.99	3281.99	0.00
	03/22/01	3335.19	53.16	53.17	3282.02	3282.02	0.01
	10/16/01	3335.19	53.00	53.04	3282.15	3282.15	0.04
RW-1	04/15/02	3335.19	53.16	53.22	3281.97	3281.97	0.06
	09/13/02	3335.19	53.15	53.20	3281.99	3281.99	0.05
	04/21/03	3335.19	53.01	53.08	3282.11	3282.11	0.07
	10/20/03	3335.19	53.08	53.18	3282.01	3282.01	0.10
	02/20/04	3335.19	53.09	53.19	3282.00	3282.00	0.10
	04/06/04	3335.19	53.06	53.14	3282.05	3282.05	0.08
	04/19/04	3335.19	53.03	53.12	3282.07	3282.07	0.09
	07/26/04	3335.19	53.12	53.19	3282.00	3282.00	0.07
	11/02/04	3335.19	52.51	52.63	3282.56	3282.56	0.12
	02/14/05	3335.19	52.35	52.43	3282.76	3282.76	0.08
	05/16/05	3335.19	52.19	53.36	3281.83	3281.83	1.17
	09/10/05	3335.19	----	----	----	----	----
	11/28/05	3337.40	54.22	55.29	3283.18	3283.18	1.07
	02/24/06	3337.40	Pump	Pump	-	-	-
	05/01/06	3337.40	Pump	Pump	-	-	-
	08/08/06	3337.40	Pump	Pump	-	-	-
	11/01/06	3337.40	Pump	Pump	-	-	-
	10/21/08	3337.40	Pump	Pump	-	-	-

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
RW-2	10/16/01	3337.84	55.95	55.95	3281.89	3281.89	0.00
	04/15/02	3337.84	56.11	56.11	3281.73	3281.73	0.00
	09/13/02	3337.84	55.74	57.57	3280.27	3280.27	1.83
	04/21/03	3337.84	55.56	57.60	3280.24	3280.24	2.04
	10/20/03	3337.84	55.62	57.71	3280.13	3280.13	2.09
	02/20/04	3337.84	56.02	56.03	3281.81	3281.81	0.01
	04/06/04	3337.84	56.95	57.31	3280.53	3280.53	0.36
	04/19/04	3337.84	56.80	57.32	3280.52	3280.52	0.52
	11/02/04	3337.84	Pump	Pump	-	-	-
	02/14/05	3337.84	Pump	Pump	-	-	-
	05/16/05	3337.84	Pump	Pump	-	-	-
	09/09/05	3337.84	Pump	Pump	-	-	-
	11/28/05	3337.84	Pump	Pump	-	-	-
	02/24/06	3337.84	Pump	Pump	-	-	-
	05/01/06	3337.84	Pump	Pump	-	-	-
	08/08/06	3337.84	Pump	Pump	-	-	-
	11/01/06	3337.84	Pump	Pump	-	-	-
	10/21/08	3337.84	Pump	Pump	-	-	-
RW-3	10/16/01	3338.06	55.87	56.84	3281.22	3281.22	0.97
	04/15/02	3338.06	55.88	57.92	3280.14	3280.14	2.04
	09/13/02	3338.06	55.62	58.70	3279.36	3279.36	3.08
	04/21/03	3338.06	55.48	58.55	3279.51	3279.51	3.07
	10/20/03	3338.06	55.57	58.66	3279.40	3279.40	3.09
	02/20/04	3338.06	56.22	56.22	3281.84	3281.84	0.00
	04/06/04	3338.06	57.25	57.36	3280.70	3280.70	0.11
	04/19/04	3338.06	57.06	57.14	3280.92	3280.92	0.08
	11/02/04	3338.06	Pump	Pump	-	-	-
	02/14/05	3338.06	Pump	Pump	-	-	-
	05/16/05	3338.06	Pump	Pump	-	-	-
	09/09/05	3338.06	Pump	Pump	-	-	-
	11/28/05	3338.06	Pump	Pump	-	-	-
	02/24/06	3338.06	Pump	Pump	-	-	-
	05/01/06	3338.06	Pump	Pump	-	-	-
	08/08/06	3338.06	Pump	Pump	-	-	-
	11/01/06	3338.06	Pump	Pump	-	-	-
	10/21/08	3338.06	Pump	Pump	-	-	-

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
RW-4	10/16/01	3336.10	54.56	54.56	3281.54	3281.54	0.00
	04/15/02	3336.10	54.83	54.83	3281.27	3281.27	0.00
	09/13/02	3336.10	54.73	54.73	3281.37	3281.37	trace
	04/21/03	3336.10	54.55	54.55	3281.55	3281.55	0.00
	10/20/03	3336.10	54.76	54.76	3281.34	3281.34	0.00
	02/20/04	3336.10	54.80	54.85	3281.25	3281.25	0.05
	04/06/04	3336.10	50.01	55.86	3280.24	3280.24	5.85
	04/19/04	3336.10	54.90	57.08	3279.02	3279.02	2.18
	11/02/04	3336.10	Pump	Pump	-	-	-
	02/14/05	3336.10	Pump	Pump	-	-	-
	05/16/05	3336.10	Pump	Pump	-	-	-
	09/09/05	3336.10	Pump	Pump	-	-	-
	11/28/05	3336.10	Pump	Pump	-	-	-
	02/24/06	3336.10	Pump	Pump	-	-	-
	05/01/06	3336.10	Pump	Pump	-	-	-
	08/08/06	3336.10	Pump	Pump	-	-	-
	11/01/06	3336.10	Pump	Pump	-	-	-
RW-5	10/21/08	3336.10	Pump	Pump	-	-	-
	10/16/01	3337.98	55.27	58.80	3279.18	3279.18	3.53
	04/15/02	3337.98	55.41	59.55	3278.43	3278.43	4.14
	09/13/02	3337.98	55.33	59.61	3278.37	3278.37	4.28
	04/21/03	3337.98	55.26	59.21	3278.77	3278.77	3.95
	10/20/03	3337.98	55.35	59.40	3278.58	3278.58	4.05
	Installed Xitech pump						
	04/06/04	3337.98	Pump	Pump	-	-	-
	04/19/04	3337.98	Pump	Pump	-	-	-
	11/02/04	3337.98	Pump	Pump	-	-	-
	02/14/05	3337.98	Pump	Pump	-	-	-
	05/16/05	3337.98	Pump	Pump	-	-	-
	09/09/05	3337.98	Pump	Pump	-	-	-
	11/28/05	3337.98	Pump	Pump	-	-	-
	02/24/06	3337.98	Pump	Pump	-	-	-
	05/01/06	3337.98	Pump	Pump	-	-	-
	08/08/06	3337.98	Pump	Pump	-	-	-
	11/01/06	3337.98	Pump	Pump	-	-	-
	10/21/08	3337.98	Pump	Pump	-	-	-

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
RW-6	05/01/06	3332.37	Pump	Pump	-	-	-
	08/08/06	3332.37	Pump	Pump	-	-	-
	10/31/06	3332.37	Pump	Pump	-	-	-
	05/30/07	3332.37	Pump	Pump	-	-	-
	10/29/07	3332.37	Pump	Pump	-	-	-
	06/05/08	3332.37	Pump	Pump	-	-	-
	10/21/08	3332.37	Pump	Pump	-	-	-
	05/01/06	3334.12	Pump	Pump	-	-	-
RW-7	08/08/06	3334.12	Pump	Pump	-	-	-
	10/31/06	3334.12	Pump	Pump	-	-	-
	05/30/07	3334.12	Pump	Pump	-	-	-
	10/29/07	3334.12	Pump	Pump	-	-	-
	10/21/08	3334.12	Pump	Pump	-	-	-
	05/01/06	3336.45	Pump	Pump	-	-	-
	08/08/06	3336.45	Pump	Pump	-	-	-
	10/31/06	3336.45	Pump	Pump	-	-	-
RW-8	05/29/07	3336.45	Pump	Pump	-	-	-
	10/29/07	3336.45	Pump	Pump	-	-	-
	06/05/08	3336.45	Pump	Pump	-	-	-
	10/21/08	3336.45	Pump	Pump	-	-	-
	05/01/06	3336.45	Pump	Pump	-	-	-
	08/08/06	3336.45	Pump	Pump	-	-	-
	10/31/06	3336.45	Pump	Pump	-	-	-
	05/29/07	3336.45	Pump	Pump	-	-	-

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
TMW-1	12/07/95	3337.70	56.32	56.32	3281.38	3281.38	0.00
	06/06/96	3337.70	55.70	55.70	3282.00	3282.00	0.00
	06/02/97	3337.70	55.72	55.72	3281.98	3281.98	0.00
	08/23/00	3337.70	55.62	55.62	3282.08	3282.08	0.00
	03/22/01	3337.70	55.49	55.49	3282.21	3282.21	0.00
	10/16/01	3337.70	54.01	54.01	3283.69	3283.69	0.00
	04/15/02	3337.70	55.53	55.53	3282.17	3282.17	0.00
	09/13/02	3337.70	55.46	55.46	3282.24	3282.24	0.00
	04/22/03	3337.70	55.28	55.28	3282.42	3282.42	0.00
	10/22/03	3337.70	55.33	55.33	3282.37	3282.37	0.00
	02/20/04	3337.70	55.30	55.30	3282.40	3282.40	0.00
	04/06/04	3337.70	55.30	55.30	3282.40	3282.40	0.00
	04/19/04	3337.70	55.25	55.25	3282.45	3282.45	0.00
	04/20/04	3337.70	55.25	55.25	3282.45	3282.45	0.00
	07/26/04	3337.70	55.28	55.28	3282.42	3282.42	0.00
	11/09/04	3337.70	54.91	54.91	3282.79	3282.79	0.00
	02/14/05	3337.70	54.61	54.61	3283.09	3283.09	0.00
	05/16/05	3337.70	54.65	54.65	3283.05	3283.05	0.00
	09/09/05	3337.70	54.52	54.52	3283.18	3283.18	0.00
	11/28/05	3337.70	54.39	54.39	3283.31	3283.31	0.00
	02/24/06	3337.70	54.39	54.41	3283.29	3283.29	0.02
	05/02/06	3337.70	54.49	54.49	3283.21	3283.21	0.00
	08/08/06	3337.70	54.64	54.64	3283.06	3283.06	0.00
	10/31/06	3337.70	54.52	54.52	3283.18	3283.18	0.00
	05/29/07	3337.70	NR	54.41	3283.29	3283.29	NR
	10/31/07	3337.70	NR	54.33	3283.37	3283.37	NR
	06/02/08	3337.70	NR	54.40	3283.30	3283.30	NR
	10/21/08	3337.70	NR	54.49	3283.21	3283.21	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
TMW-2	12/07/95	3338.30	56.71	56.71	3281.59	3281.59	0.00
	06/06/96	3338.30	56.34	56.34	3281.96	3281.96	0.00
	06/02/97	3338.30	56.35	56.35	3281.95	3281.95	0.00
	08/23/00	3338.30	56.25	56.26	3282.04	3282.04	0.01
	03/22/01	3338.30	56.13	56.13	3282.17	3282.17	0.00
	10/16/01	3338.30	56.02	56.02	3282.28	3282.28	0.00
	04/15/02	3338.30	56.27	56.27	3282.03	3282.03	trace
	09/13/02	3338.30	56.12	56.13	3282.17	3282.17	0.01
	04/21/03	3338.30	55.96	55.96	3282.34	3282.34	trace
	10/20/03	3338.30	56.01	56.03	3282.27	3282.27	0.02
	02/20/04	3338.30	55.99	56.00	3282.30	3282.30	0.01
	04/06/04	3338.30	55.98	55.99	3282.31	3282.31	0.01
	04/19/04	3338.30	55.86	55.87	3282.43	3282.43	0.01
	07/26/04	3338.30	55.97	55.98	3282.32	3282.32	0.01
	11/02/04	3338.30	55.48	55.49	3282.81	3282.81	0.01
	02/14/05	3338.30	55.22	55.23	3283.07	3283.07	0.01
	05/16/05	3338.30	55.27	55.27	3283.03	3283.03	trace
	09/10/05	3338.30	---	---	---	---	---
	11/28/05	3338.30	55.00	55.00	3283.30	3283.30	0.00
	02/24/06	3338.30	55.02	55.10	3283.20	3283.20	0.08
	05/02/06	3338.30	55.12	55.21	3283.09	3283.09	0.09
	08/08/06	3338.30	55.28	55.29	3283.01	3283.01	0.01
	10/31/06	3338.30	55.14	55.28	3283.02	3283.02	0.14
	05/25/07	3338.30	54.91	55.11	3283.19	3283.19	0.20
	10/26/07	3338.30	55.34	54.86	3283.44	3283.44	0.48
	06/05/08	3338.30	54.97	55.63	3282.67	3282.67	0.66
	10/21/08	3338.30	55.02	55.82	3282.48	3282.48	0.80

Tab 5
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
TMW-3	12/07/95	3336.67	55.95	55.95	3280.72	3280.72	0.00
	06/06/96	3336.67	54.71	54.71	3281.96	3281.96	0.00
	06/02/97	3336.67	54.74	54.74	3281.93	3281.93	0.00
	08/23/00	3336.67	54.65	54.65	3282.02	3282.02	0.00
	03/22/01	3336.67	54.46	54.46	3282.21	3282.21	0.00
	10/16/01	3336.67	53.30	53.30	3283.37	3283.37	0.00
	04/15/02	3336.67	54.61	54.61	3282.06	3282.06	0.00
	09/13/02	3336.67	54.55	54.55	3282.12	3282.12	0.00
	04/28/03	3336.67	54.35	54.35	3282.32	3282.32	0.00
	10/27/03	3336.67	54.45	54.45	3282.22	3282.22	0.00
	02/20/04	3336.67	54.46	54.46	3282.21	3282.21	0.00
	04/06/04	3336.67	54.47	54.47	3282.20	3282.20	0.00
	04/19/04	3336.67	54.42	54.42	3282.25	3282.25	0.00
	04/23/04	3336.67	54.42	54.42	3282.25	3282.25	0.00
	07/26/04	3336.67	54.44	54.44	3282.23	3282.23	0.00
	11/09/04	3336.67	53.96	53.96	3282.71	3282.71	0.00
	02/14/05	3336.67	53.63	53.63	3283.04	3283.04	0.00
	05/16/05	3336.67	53.74	53.74	3282.93	3282.93	0.00
	09/10/05	3336.67	53.60	53.60	3283.07	3283.07	0.00
	11/28/05	3336.67	53.48	53.48	3283.19	3283.19	0.00
	02/24/06	3336.67	53.45	53.45	3283.22	3283.22	0.00
	05/02/06	3336.67	53.62	53.62	3283.05	3283.05	0.00
	08/08/06	3336.67	53.78	53.78	3282.89	3282.89	0.00
	11/01/06	3336.67	53.73	53.73	3282.94	3282.94	0.00
	05/30/07	3336.67	NR	NR	3283.15	3283.15	NR
	10/26/07		No access due to plant demo work				
	06/04/08	3336.67	NR	53.61	3283.06	3283.06	NR
	10/21/08	3336.67	NR	53.68	3282.99	3282.99	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
TMW-5	12/07/95	3335.66	51.71	51.71	3283.95	3283.95	0.00
	06/06/96	3335.66	53.70	53.70	3281.96	3281.96	0.00
	06/02/97	3335.66	53.77	53.77	3281.89	3281.89	0.00
	08/23/00	3335.66	53.78	53.78	3281.88	3281.88	0.00
	03/22/01	3335.66	53.59	53.59	3282.07	3282.07	trace
	10/16/01	3335.66	53.67	53.67	3281.99	3281.99	trace
	04/15/02	3335.66	53.83	53.83	3281.83	3281.83	trace
	09/13/02	3335.66	53.77	53.78	3281.88	3281.88	0.01
	04/21/03	3335.66	53.50	53.51	3282.15	3282.15	0.01
	10/20/03	3335.66	53.66	53.67	3281.99	3281.99	0.01
	01/12/04	3335.66	53.72	53.73	3281.93	3281.93	0.01
	02/03/04	3335.66	53.73	53.74	3281.92	3281.92	0.01
	02/09/04	3335.66	53.72	53.75	3281.91	3281.91	0.03
	02/16/04	3335.66	53.74	53.77	3281.89	3281.89	0.03
	02/20/04	3335.66	53.79	53.79	3281.87	3281.87	trace
	03/10/04	3335.66	53.77	53.80	3281.86	3281.86	0.03
	03/22/04	3335.66	53.83	53.84	3281.82	3281.82	0.01
	04/06/04	3335.66	53.87	53.87	3281.79	3281.79	0.00
	04/19/04	3335.66	53.85	53.86	3281.80	3281.80	0.01
	05/12/04	3335.66	53.82	53.83	3281.83	3281.83	0.01
	07/26/04	3335.66	53.92	53.94	3281.72	3281.72	0.02
	11/02/04	3335.66	53.43	53.45	3282.21	3282.21	0.02
	02/14/05	3335.66	52.96	52.96	3282.70	3282.70	0.00
	05/16/05	3335.66	53.11	53.11	3282.55	3282.55	trace
	09/10/05	3335.66	----	----	----	----	----
	11/28/05	3335.66	52.81	52.81	3282.85	3282.85	0.00
	02/24/06	3335.66	52.84	52.84	3282.82	3282.82	0.00
	05/02/06	3335.66	53.16	53.17	3282.49	3282.49	0.01
	08/08/06	3335.66	53.33	53.33	3282.33	3282.33	sheen
	10/31/06	3335.66	53.22	53.22	3282.44	3282.44	0.00
	05/31/07	3335.66	NR	53.36	3282.30	3282.30	NR
	11/06/07	3335.66	NR	53.05	3282.61	3282.61	NR
	06/04/08	3335.66	NR	NR	NR	NR	NR
	10/21/08	3335.66	NR	53.36	3282.30	3282.30	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
TMW-6	12/07/95	3335.36	55.62	55.62	3279.74	3279.74	0.00
	06/06/96	3335.36	53.41	53.41	3281.95	3281.95	0.00
	06/02/97	3335.36	53.40	53.40	3281.96	3281.96	0.00
	08/23/00	3335.36	53.33	53.33	3282.03	3282.03	0.00
	03/22/01	3335.36	53.15	53.15	3282.21	3282.21	0.00
	10/16/01	3335.36	52.14	52.14	3283.22	3283.22	0.00
	04/15/02	3335.36	53.27	53.27	3282.09	3282.09	trace
	09/13/02	3335.36	53.21	53.21	3282.15	3282.15	0.00
	04/28/03	3335.36	53.02	53.02	3282.34	3282.34	0.00
	10/27/03	3335.36	53.08	53.08	3282.28	3282.28	0.00
	02/20/04	3335.36	53.11	53.11	3282.25	3282.25	0.00
	04/06/04	3335.36	53.09	53.09	3282.27	3282.27	0.00
	04/19/04	3335.36	53.00	53.00	3282.36	3282.36	0.00
	04/23/04	3335.36	53.00	53.00	3282.36	3282.36	0.00
	07/26/04	3335.36	53.07	53.07	3282.29	3282.29	0.00
	11/09/04	3335.36	52.51	52.51	3282.85	3282.85	0.00
	02/14/05	3335.36	52.28	52.28	3283.08	3283.08	0.00
	05/16/05	3335.36	52.40	52.40	3282.96	3282.96	0.00
	09/10/05	3335.36	52.20	52.20	3283.16	3283.16	0.00
	11/28/05	3335.36	52.08	52.08	3283.28	3283.28	0.00
	02/24/06	3335.36	52.09	52.09	3283.27	3283.27	0.00
	05/02/06	3335.36	52.23	52.23	3283.13	3283.13	0.00
	08/08/06	3335.36	52.37	52.37	3282.99	3282.99	0.00
	11/01/06	3335.36	52.32	52.32	3283.04	3283.04	0.00
	05/25/07		Unable to Locate				
	10/26/07		No access due to plant demo work				
	06/04/08	3335.36	NR	52.18	3283.18	3283.18	NR
	10/21/08	3335.36	NR	52.27	3283.09	3283.09	NR

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
WW-1	09/10/96	3332.04	51.70	51.70	3280.34	3280.34	0.00
	05/28/97	3332.04	50.97	50.97	3281.07	3281.07	0.00
	12/07/98	3332.04	51.21	51.21	3280.83	3280.83	0.00
	08/23/00	3332.04	49.24	49.24	3282.80	3282.80	0.00
	03/22/01	3332.04	49.95	49.95	3282.09	3282.09	0.00
	10/16/01	3332.04	48.72	48.72	3283.32	3283.32	0.00
	04/15/02	3332.04	50.00	50.00	3282.04	3282.04	0.00
	09/13/02	3332.04	49.99	49.99	3282.05	3282.05	0.00
	04/21/03	3332.04	49.85	49.85	3282.19	3282.19	0.00
	10/20/03	3332.04	49.98	49.98	3282.06	3282.06	0.00
	02/20/04	3332.04	49.97	49.97	3282.07	3282.07	0.00
	04/06/04	3332.04	49.66	49.66	3282.38	3282.38	0.00
	04/19/04	3332.04	49.87	49.87	3282.17	3282.17	0.00
	07/26/04	3332.04	49.94	49.94	3282.10	3282.10	0.00
	11/02/04	3332.04	49.30	49.30	3282.74	3282.74	0.00
	02/14/05	-	Casing Collapse	-	-	-	-
	05/16/05	-	Casing Collapse	-	-	-	-
	09/09/05	-	Casing Collapse	-	-	-	-
	11/28/05	-	Casing Collapse	-	-	-	-
	02/24/06	-	Casing Collapse	-	-	-	-
	05/01/06	-	Casing Collapse	-	-	-	-
	08/07/06	-	Casing Collapse	-	-	-	-
	10/31/06	-	Casing Collapse	-	-	-	-
	10/21/08	-	Casing Collapse	-	-	-	-

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
WW-2	09/10/96	3331.46	49.30	49.30	3282.16	3282.16	0.00
	05/28/97	3331.46	49.94	49.94	3281.52	3281.52	0.00
	12/07/98	3331.46	50.31	50.31	3281.15	3281.15	0.00
	08/23/00	3331.46	48.16	48.16	3283.30	3283.30	0.00
	03/22/01	3331.46	49.66	49.66	3281.80	3281.80	0.00
	10/16/01	3331.46	48.54	48.54	3282.92	3282.92	0.00
	04/15/02	3331.46	50.24	50.24	3281.22	3281.22	0.00
	09/13/02	3331.46	50.21	50.21	3281.25	3281.25	0.00
	04/21/03	3331.46	50.25	50.25	3281.21	3281.21	0.00
	10/20/03	3331.46	50.43	50.43	3281.03	3281.03	0.00
	02/20/04	3331.46	50.46	50.46	3281.00	3281.00	0.00
	04/06/04	3331.46	50.44	50.44	3281.02	3281.02	0.00
	04/19/04	3331.46	50.28	50.28	3281.18	3281.18	0.00
	07/26/04	3331.46	50.48	50.48	3280.98	3280.98	0.00
	11/02/04	3331.46	49.81	49.81	3281.65	3281.65	0.00
	02/14/05	3331.46	49.63	49.63	3281.83	3281.83	0.00
	05/16/05	3331.46	49.75	49.75	3281.71	3281.71	0.00
	09/09/05	3331.46	49.58	49.58	3281.88	3281.88	0.00
	11/28/05	3331.46	49.45	49.45	3282.01	3282.01	0.00
	02/24/06	3331.46	49.61	49.61	3281.85	3281.85	0.00
	05/01/06	3331.46	49.68	49.68	3281.78	3281.78	0.00
	08/07/06	3331.46	49.81	49.81	3281.65	3281.65	0.00
	10/31/06	3331.46	49.80	49.80	3281.66	3281.66	0.00
	10/21/08	3331.46	NR	49.75	3281.71	3281.71	0.00

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
WW-3	09/10/96	3334.45	53.35	53.35	3281.10	3281.10	0.00
	05/28/97	3334.45	53.30	53.30	3281.15	3281.15	0.00
	12/07/98	3334.45	53.44	53.44	3281.01	3281.01	0.00
	08/23/00	3334.45	52.97	52.97	3281.48	3281.48	0.00
	03/22/01	3334.45	53.28	53.28	3281.17	3281.17	0.00
	10/16/01	3334.45	52.14	52.14	3282.31	3282.31	0.00
	04/15/02	3334.45	53.33	53.33	3281.12	3281.12	0.00
	09/13/02	3334.45	53.43	53.43	3281.02	3281.02	0.00
	04/21/03	3334.45	53.38	53.38	3281.07	3281.07	0.00
	10/20/03	3334.45	53.41	53.41	3281.04	3281.04	0.00
	02/20/04	3334.45	53.43	53.43	3281.02	3281.02	0.00
	04/06/04	3334.45	53.41	53.41	3281.04	3281.04	0.00
	04/19/04	3334.45	53.41	53.41	3281.04	3281.04	0.00
	07/26/04	3334.45	53.41	53.41	3281.04	3281.04	0.00
	11/02/04	3334.45	53.14	53.14	3281.31	3281.31	0.00
	02/14/05	3334.45	52.89	52.89	3281.56	3281.56	0.00
	05/16/05	3334.45	52.89	52.89	3281.56	3281.56	0.00
	09/09/05	3334.45	52.80	52.80	3281.65	3281.65	0.00
	11/28/05	3334.45	Dry	Dry	Dry	Dry	Dry
	02/24/06	3334.45	Dry	Dry	Dry	Dry	Dry
	05/01/06	3334.45	52.67	52.67	3281.78	3281.78	0.00
	08/07/06	3334.45	52.71	52.71	3281.74	3281.74	0.00
	10/31/06	3334.45	52.72	52.72	3281.73	3281.73	0.00
	10/21/08	3334.45	NR	52.55	3281.90	3281.90	0.00

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
WW-4	05/28/97	3335.40	56.51	56.51	3278.89	3278.89	0.00
	12/07/98	3335.40	56.45	56.45	3278.95	3278.95	0.00
	08/23/00	3335.40	56.46	56.46	3278.94	3278.94	0.00
	03/22/01	3335.40	56.31	56.31	3279.09	3279.09	0.00
	10/16/01	3335.40	55.29	55.29	3280.11	3280.11	0.00
	04/15/02	3335.40	56.40	56.40	3279.00	3279.00	0.00
	09/13/02	3335.40	56.44	56.44	3278.96	3278.96	0.00
	04/21/03	3335.40	56.42	56.42	3278.98	3278.98	0.00
	10/20/03	3335.40	53.43	53.43	3281.97	3281.97	0.00
	02/20/04	3335.40	56.44	56.44	3278.96	3278.96	0.00
	04/06/04	3335.40	56.40	56.40	3279.00	3279.00	0.00
	04/19/04	3335.40	56.40	56.40	3279.00	3279.00	0.00
	07/26/04	3335.40	56.48	56.48	3278.92	3278.92	0.00
	11/02/04	3335.40	56.51	56.51	3278.89	3278.89	0.00
	02/14/05	3335.40	56.31	56.31	3279.09	3279.09	0.00
	05/16/05	3335.40	56.24	56.24	3279.16	3279.16	0.00
	09/09/05	3335.40	56.19	56.19	3279.21	3279.21	0.00
	11/28/05	3335.40	58.35	58.35	3277.05	3277.05	0.00
	02/24/06	3335.40	56.10	56.10	3279.30	3279.30	0.00
	05/01/06	3335.40	55.99	55.99	3279.41	3279.41	0.00
	08/07/06	3335.40	56.04	56.04	3279.36	3279.36	0.00
	10/31/06	3335.40	56.05	56.05	3279.35	3279.35	0.00
	10/21/08	3335.40	NR	55.91	3279.49	3279.49	0.00

Tab
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
WW-5	05/28/97	3334.18	53.81	53.81	3280.37	3280.37	0.00
	12/07/98	3334.18	53.90	53.90	3280.28	3280.28	0.00
	08/23/00	3334.18	53.54	53.54	3280.64	3280.64	0.00
	03/22/01	3334.18	53.72	53.72	3280.46	3280.46	0.00
	10/16/01	3334.18	52.58	52.58	3281.60	3281.60	0.00
	04/15/02	3334.18	53.83	53.83	3280.35	3280.35	0.00
	09/13/02	3334.18	53.85	53.85	3280.33	3280.33	0.00
	04/21/03	3334.18	53.81	53.81	3280.37	3280.37	0.00
	10/20/03	3334.18	53.88	53.88	3280.30	3280.30	0.00
	02/20/04	3334.18	53.90	53.90	3280.28	3280.28	0.00
	04/06/04	3334.18	53.86	53.86	3280.32	3280.32	0.00
	04/19/04	3334.18	53.86	53.86	3280.32	3280.32	0.00
	07/26/04	3334.18	53.91	53.91	3280.27	3280.27	0.00
	11/02/04	3334.18	53.81	53.81	3280.37	3280.37	0.00
	02/14/05	3334.18	53.51	53.51	3280.67	3280.67	0.00
	05/16/05	3334.18	53.46	53.46	3280.72	3280.72	0.00
	09/09/05	3334.18	53.40	53.40	3280.78	3280.78	0.00
	11/28/05	3334.18	56.12	56.12	3278.06	3278.06	0.00
	02/24/06	3334.18	53.32	53.32	3280.86	3280.86	0.00
	05/01/06	3334.18	53.28	53.28	3280.90	3280.90	0.00
	08/07/06	3334.18	53.13	53.13	3281.05	3281.05	0.00
	10/31/06	3334.18	53.33	53.33	3280.85	3280.85	0.00
	10/21/08	3334.18	NR	52.20	3281.98	3281.98	0.00

Table 6
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
WW-6	05/28/97	3329.98	50.46	50.46	3279.52	3279.52	0.00
	12/07/98	3329.98	50.64	50.64	3279.34	3279.34	0.00
	08/23/00	3329.98	50.61	50.61	3279.37	3279.37	0.00
	03/22/01	3329.98	50.51	50.51	3279.47	3279.47	0.00
	10/16/01	3329.98	49.51	49.51	3280.47	3280.47	0.00
	04/15/02	3329.98	50.67	50.67	3279.31	3279.31	0.00
	09/13/02	3329.98	50.66	50.66	3279.32	3279.32	0.00
	04/21/03	3329.98	50.61	50.61	3279.37	3279.37	0.00
	10/20/03	3329.98	50.71	50.71	3279.27	3279.27	0.00
	02/20/04	3329.98	50.74	50.74	3279.24	3279.24	0.00
	04/06/04	3329.98	50.69	50.69	3279.29	3279.29	0.00
	04/19/04	3329.98	50.71	50.71	3279.27	3279.27	0.00
	07/26/04	3329.98	50.82	50.82	3279.16	3279.16	0.00
	11/02/04	3329.98	50.74	50.74	3279.24	3279.24	0.00
	02/14/05	3329.98	50.39	50.39	3279.59	3279.59	0.00
	05/16/05	3329.98	50.37	50.37	3279.61	3279.61	0.00
	09/09/05	3329.98	50.31	50.31	3279.67	3279.67	0.00
	11/28/05	3329.98	50.24	50.24	3279.74	3279.74	0.00
	02/24/06	3329.98	50.21	50.21	3279.77	3279.77	0.00
	05/01/06	3329.98	50.18	50.18	3279.80	3279.80	0.00
	08/07/06	3329.98	50.21	50.21	3279.77	3279.77	0.00
	10/31/06	3329.98	50.30	50.30	3279.68	3279.68	0.00
	10/21/08	3329.98	NR	50.22	3279.76	3279.76	0.00

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
WW-7	05/28/97	3332.50	51.14	51.14	3281.36	3281.36	0.00
	12/07/98	3332.50	51.45	51.45	3281.05	3281.05	0.00
	08/23/00	3332.50	46.61	46.61	3285.89	3285.89	0.00
	03/22/01	3332.50	50.98	50.98	3281.52	3281.52	0.00
	10/16/01	3332.50	49.85	49.85	3282.65	3282.65	0.00
	04/15/02	3332.50	51.37	51.37	3281.13	3281.13	0.00
	09/13/02	3332.50	51.39	51.39	3281.11	3281.11	0.00
	04/21/03	3332.50	51.37	51.37	3281.13	3281.13	0.00
	10/20/03	3332.50	51.52	51.52	3280.98	3280.98	0.00
	02/20/04	3332.50	51.56	51.56	3280.94	3280.94	0.00
	04/06/04	3332.50	51.55	51.55	3280.95	3280.95	0.00
	04/19/04	3332.50	51.43	51.43	3281.07	3281.07	0.00
	07/26/04	3332.50	51.56	51.56	3280.94	3280.94	0.00
	11/02/04	3332.50	51.00	51.00	3281.50	3281.50	0.00
	02/14/05	3332.50	50.79	50.79	3281.71	3281.71	0.00
	05/16/05	3332.50	50.87	50.87	3281.63	3281.63	0.00
	09/09/05	3332.50	50.74	50.74	3281.76	3281.76	0.00
	11/28/05	3332.50	50.61	50.61	3281.89	3281.89	0.00
	02/24/06	3332.50	50.74	50.74	3281.76	3281.76	0.00
	05/01/06	3332.50	49.15	49.15	3283.35	3283.35	0.00
	08/07/06	3332.50	50.88	50.88	3281.62	3281.62	0.00
	10/31/06	3332.50	50.89	50.89	3281.61	3281.61	0.00
	10/21/08	3332.50	NR	50.79	3281.71	3281.71	0.00

NOTES:

TOC = Top of casing

feet AMSL = feet above mean sea level

PSH = Phase Separated Hydrocarbons

NA = Personnel on-site, but data not recorded (Could not access MW-15 and MW-16 during the 1Q06 or 2Q06 events).

NR= Not recorded

--- = An oil-water interface probe was not available during the 3Q05 (September 2005) event; therefore, PSH thicknesses are approximations, and groundwater elevations could not be measured in wells with PSH.

Corrected Water Elevation = (Actual Water Elevation + (PSH thickness * 0.72))

If no PSH was present, the depth to PSH was set equal to the depth to water for calculation purposes.

Wells with treatment equipment present were not gauged.

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL DATA –
BTEX, CHLORIDES, AND TDS

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	09/10/96	7.37	--	--	--	--	--
	11/10/06	69	19	3	5.7	301	1650
	06/02/08	No access due to plant demo work					
	10/28/08	PSH	PSH	PSH	PSH	PSH	PSH
MW-2	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
MW-3	05/28/97	0.029	--	--	--	430	--
	08/23/00	ND	--	--	--	530	--
	03/22/01	ND	--	--	--	480	--
	10/16/01	0.0065	--	--	--	475	--
	04/15/02	0.0135	--	--	--	448	--
	09/13/02	ND	--	--	--	410	--
	04/22/03	ND	--	--	--	379	--
	10/21/03	ND	--	--	--	378	--
	04/20/04	<0.001	--	--	--	296	--
	11/03/05	<0.001	--	--	--	227	--
	05/16/05	<0.001	--	--	--	200	--
	12/01/05	0.0033	<0.001	<0.001	<0.003	207	791
	05/17/06	0.079	0.0032	0.019	0.016	186	807
	11/06/06	0.02	<0.001	0.011	<0.003	169	784
	05/29/07	<0.001	<0.001	<0.001	<0.003	153	736
	10/31/07	0.062	<0.001	0.015	<0.003	142	721
	06/02/08	0.038	<0.001	0.0087	<0.003	129	739
	10/28/08	0.16	<0.001	0.031	0.0034	109	718
MW-4	05/28/97	0.047	--	--	--	5500	--
	08/23/00	0.052	--	--	--	7100	--
	03/22/01	ND	--	--	--	8200	--
	10/16/01	0.0304	--	--	--	6210	--
	04/15/02	0.0344	--	--	--	8830	--
	09/13/02	0.0213	--	--	--	17300	--
	04/24/03	0.0090	--	--	--	10300	--
	10/23/03	0.0063	--	--	--	4720	--
	02/20/04	0.2300	--	--	--	9490	--
	04/21/04	0.0264	--	--	--	13800	--
	07/26/04	0.0625	--	--	--	8640	--
	11/05/04	0.153	--	--	--	8290	--
	02/14/05	0.0164	--	--	--	9510	--
	05/16/05	<0.001	--	--	--	34700	--
	09/11/05	0.026	<0.001	<0.001	<0.003	7040	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	2160	5170
	02/28/06	0.024	<0.001	<0.001	<0.003	9450	NS
	05/17/06	0.35	0.0085	0.044	0.038	6640	12800
	08/10/06	0.053	<0.001	0.0074	0.0049	7350	--
	11/06/06	0.017	<0.001	0.005	<0.003	5130	10500
	05/29/07	<0.001	<0.001	<0.001	<0.003	5440	8760
	11/01/07	<0.001	<0.001	<0.001	<0.003	4650	9780
	06/03/08	0.0053	<0.001	0.002	<0.003	5310	10200
	10/28/08	0.022	0.0011	0.0095	<0.003	4500	9080
MW-5	05/28/97	--	--	--	--	1500	--
	05/01/07	1.7	--	--	--	NS	--
	11/01/07	--	--	--	--	NS	--
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping

Tale

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-6	05/28/97	0.002	--	--	--	3000	--
	08/23/00	0.012	--	--	--	33000	--
	03/22/01	ND	--	--	--	3500	--
	10/16/01	0.036	--	--	--	6190	--
	04/15/02	0.143	--	--	--	22700	--
	09/13/02	0.0066	--	--	--	11010	--
	04/24/03	0.001	--	--	--	4260	--
	10/23/03	ND	--	--	--	6020	--
	04/22/04	0.0013	--	--	--	53400	--
	11/05/04	0.0021	--	--	--	5740	--
	05/16/05	0.0018	--	--	--	75700	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	943	3500
	05/03/06	0.0075	<0.001	0.0018	<0.003	14500	25100
	11/02/06	0.0094	<0.001	0.0077	0.006	10400	19300
	05/23/07	0.0057	<0.001	0.0077	0.013	6770	14200
MW-7	10/30/07	0.0024	<0.001	0.0018	<0.003	7870	12500
	05/29/08	<0.001	<0.001	<0.001	<0.003	4670	10200
	10/27/08	0.0039	<0.001	0.0077	0.0083	5970	11600
	05/28/97	0.002	--	--	--	330	--
	08/23/00	ND	--	--	--	380	--
	03/22/01	ND	--	--	--	250	--
	10/16/01	ND	--	--	--	390	--
	04/15/02	ND	--	--	--	7880	--
	09/13/02	0.0067	--	--	--	719	--
	04/24/03	ND	--	--	--	139	--
	10/24/03	ND	--	--	--	119	--
	04/22/04	<0.005	--	--	--	383	--
	11/05/04	<0.001	--	--	--	83.3	--
	05/16/05	<0.001	--	--	--	2170	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	56.9	715
MW-8	05/03/06	0.007	<0.001	0.0038	0.0051	79.2	852
	11/02/06	0.0099	<0.001	0.013	0.0098	95.2	856
	05/23/07	0.0027	<0.001	0.0047	0.0072	68.5	820
	10/30/07	0.0021	<0.001	0.0041	0.0068	55.4	920
	05/28/08	0.01	0.0013	0.009	0.008	105	996
	10/27/08	<0.005	0.0012	0.013	0.013	75.9	1150
	05/28/97	0.003	--	--	--	1900	--
	08/23/00	0.002	--	--	--	430	--
	03/22/01	ND	--	--	--	560	--
	10/16/01	0.006	--	--	--	844	--
	04/15/02	ND	--	--	--	949	--
	09/13/02	ND	--	--	--	1790	--
	04/22/03	ND	--	--	--	834	--
	10/21/03	ND	--	--	--	920	--
	04/20/04	<0.001	--	--	--	1890	--
	11/03/04	<0.005	--	--	--	822	--
	05/16/05	<0.001	--	--	--	2480	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	812	2260
	05/03/06	<0.001	<0.001	<0.001	<0.003	2020	4780
	11/01/06	0.03	0.0012	0.011	0.0066	1980	4950
	05/23/07	0.004	<0.001	0.0078	0.0099	2130	4550
	10/30/07	0.0016	<0.001	0.0015	<0.003	2280	4380
	05/28/08	0.013	<0.001	0.0055	0.0037	2190	4760
	10/27/08	0.0022	<0.001	0.0017	<0.003	1860	4660

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-9	05/28/97	7.9	--	--	--	340	--
	08/23/00	5.28	--	--	--	460	--
	03/22/01	9	--	--	--	420	--
	10/16/01	6.03	--	--	--	408	--
	04/15/02	7.59	--	--	--	384	--
	09/13/02	6.72	--	--	--	443	--
	04/30/03	6.41	--	--	--	415	--
	10/28/03	8.51	--	--	--	357	--
	04/26/04	6.00	--	--	--	447	--
	11/09/04	8.79	--	--	--	466	--
	05/16/05	5.96	--	--	--	475	--
	12/13/05	4.80	<0.05	0.45	<0.015	460	1480
	05/12/06	7.6	0.12	0.7	0.19	479	1500
	11/01/06	8.7	0.014	0.51	0.083	480	1630
	05/31/07	6.4	0.007	0.44	0.072	497	1470
	11/05/07	6	<0.005	0.39	0.069	520	1370
MW-10	06/04/08	2.1	0.0059	0.27	0.074	621	1780
	10/30/08	3.2	0.039	0.38	0.15	549	1760
	05/28/97	4.1	--	--	--	530	--
	08/23/00	10.7	--	--	--	360	--
	03/22/01	9.22	--	--	--	360	--
	10/16/01	11	--	--	--	339	--
	04/15/02	15.8	--	--	--	357	--
	09/13/02	52.4	--	--	--	382	--
	04/28/03	32.7	--	--	--	451	--
	10/27/03	41.6	--	--	--	469	--
	04/26/04	33.8	--	--	--	586	--
	11/11/04	37.6	--	--	--	653	--
	11/10/06	21	0.19	0.68	0.21	596	1830
	05/31/07	34	0.038	0.44	0.063	897	1520
	11/06/07	30	0.024	0.44	0.062	423	1820
	06/05/08	No access due to plant demo work					
	10/30/08	No access due to plant demo work					
MW-11	05/28/97	30.0	--	--	--	750	--
	08/23/00	35.6	--	--	--	1100	--
	03/22/01	46.6	--	--	--	939	--
	10/16/01	44.0	--	--	--	339	--
	04/15/02	39.6	--	--	--	848	--
	09/13/02	41.9	--	--	--	812	--
	04/28/03	25.9	--	--	--	710	--
	10/27/03	43.1	--	--	--	532	--
	04/26/04	58.1	--	--	--	546	--
	11/11/04	26.9	--	--	--	605	--
	05/16/05	36.1	--	--	--	727	--
	12/19/05	16	0.12	0.52	0.28	431	1660
	05/17/06	15	0.04	0.44	0.15	341	1580
	11/10/06	39	0.46	0.7	0.46	393	1560
	05/31/07	21	0.09	0.59	0.23	345	1350
	06/05/08	No access due to plant demo work					
	10/30/08	No access due to plant demo work					
MW-12	05/28/97	13.3	--	--	--	1300	--
	08/23/00	91.5	--	--	--	1500	--
	03/22/01	95.7	--	--	--	1900	--
	10/16/01	6.71	--	--	--	1590	--
	04/15/02	71.7	--	--	--	1350	--
	09/13/02	70.2	--	--	--	1510	--
	04/30/03	52.4	--	--	--	2070	--
	10/28/03	50.2	--	--	--	2260	--
	04/26/04	36.0	--	--	--	2290	--
	11/10/06	44	5.6	2.7	3.4	1990	5500
	05/01/07	--	--	--	--	--	--
	06/05/08	No access due to plant demo work					
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-13	12/07/98	ND	--	--	--	430	--
	08/23/00	0.085	--	--	--	390	--
	03/22/01	ND	--	--	--	390	--
	10/16/01	0.69	--	--	--	355	--
	04/15/02	0.0151	--	--	--	375	--
	09/13/02	0.0254	--	--	--	328	--
	04/21/03	ND	--	--	--	382	--
	10/21/03	0.0108	--	--	--	395	--
	04/20/04	<0.001	--	--	--	356	--
	11/03/04	<0.005	--	--	--	406	--
	05/16/05	<0.001	--	--	--	434	--
	11/30/05	0.0014	<0.001	<0.001	<0.003	293	966
	05/04/06	0.11	<0.001	<0.001	<0.003	393	1120
	11/06/06	0.13	<0.001	0.021	0.0036	385	1150
	05/24/07	<0.001	<0.001	0.0035	0.0038	390	1160
	10/30/07	0.06	<0.001	0.0021	<0.003	383	1110
MW-14	06/02/08	0.044	<0.001	<0.001	<0.003	389	1150
	10/27/08	0.032	<0.001	0.0057	0.0068	370	1180
	12/07/98	ND	--	--	--	420	--
	08/23/00	ND	--	--	--	300	--
	03/22/01	ND	--	--	--	310	--
	10/16/01	ND	--	--	--	303	--
	04/15/02	0.011	--	--	--	318	--
	09/13/02	ND	--	--	--	319	--
	04/21/03	ND	--	--	--	379	--
	10/21/03	ND	--	--	--	348	--
	04/20/04	<0.001	--	--	--	390	--
	11/02/04	<0.001	--	--	--	476	--
	05/16/05	<0.001	--	--	--	437	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	396	1420
	05/04/06	<0.001	<0.001	<0.001	<0.003	419	1450
	11/06/06	0.0045	<0.001	0.0025	<0.003	405	1420
MW-15	05/24/07	<0.005	<0.001	0.0021	0.0031	408	1430
	10/31/07	0.0011	<0.001	0.0013	<0.003	395	1360
	06/02/08	<0.002	<0.001	<0.001	<0.003	431	1470
	10/28/08	<0.005	0.0016	0.0034	0.0034	418	1470
	12/07/98	0.008	--	--	--	2300	--
	08/23/00	0.004	--	--	--	2600	--
	03/22/01	0.002	--	--	--	2700	--
	10/16/01	0.03	--	--	--	2590	--
	04/15/02	0.0052	--	--	--	2500	--
	09/13/02	0.0054	--	--	--	2310	--
	04/21/03	0.0013	--	--	--	2260	--
	10/21/03	ND	--	--	--	2990	--
	04/20/04	<0.005	--	--	--	2280	--
	11/11/04	<0.005	--	--	--	2500	--
	05/16/05	<0.001	--	--	--	2670	5780
	11/30/05	0.0024	<0.001	<0.001	<0.003	2700	--
	11/01/06	0.0054	<0.001	<0.001	<0.003	2480	5330
	05/24/07	0.0056	<0.001	0.0027	0.004	2570	5360
	10/30/07	0.0076	<0.001	0.0018	<0.003	2510	3700
	05/29/08	0.004	<0.001	<0.001	<0.003	2460	5270
	10/22/08	0.0061	0.0036	<0.001	<0.003	2480	5210

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
 EUNICE SOUTH GAS PLANT
 EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-16	12/07/98	ND	--	--	--	2000	--
	08/23/00	ND	--	--	--	1900	--
	03/22/01	ND	--	--	--	1900	--
	10/16/01	ND	--	--	--	1890	--
	04/15/02	0.0052	--	--	--	1930	--
	09/13/02	ND	--	--	--	1840	--
	04/21/03	ND	--	--	--	1870	--
	10/20/03	ND	--	--	--	1850	--
	04/20/04	<0.001	--	--	--	1720	--
	11/11/04	0.00660	--	--	--	1870	--
	05/16/05	<0.001	--	--	--	2000	4490
	11/30/05	<0.001	<0.001	<0.001	<0.003	2050	--
	11/01/06	<0.001	<0.001	<0.001	<0.003	2000	4430
	05/24/07	0.0012	<0.001	0.0016	<0.003	1880	4050
	10/30/07	<0.001	<0.001	0.0015	<0.003	1920	3760
	05/29/08	<0.001	<0.001	<0.001	<0.003	1780	3830
	10/22/08	<0.001	0.0034	<0.001	<0.003	2130	3920
MW-17	12/07/98	ND	--	--	--	6000	--
	08/23/00	ND	--	--	--	5700	--
	03/22/01	ND	--	--	--	5700	--
	10/16/01	0.008	--	--	--	4960	--
	04/15/02	ND	--	--	--	5050	--
	09/13/02	ND	--	--	--	5750	--
	04/22/03	ND	--	--	--	5240	--
	10/22/03	ND	--	--	--	7510	--
	04/21/04	<0.001	--	--	--	5460	--
	11/03/04	<0.005	--	--	--	6360	--
	05/16/05	<0.001	--	--	--	6090	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	4630	8760
	05/10/06	<0.001	<0.001	<0.001	<0.003	5070	9800
	11/03/06	0.0035	<0.001	0.0031	<0.003	4720	10100
	05/29/07	<0.001	<0.001	<0.001	<0.003	4650	8160
	11/01/07	<0.001	<0.001	<0.001	<0.003	4620	8780
	06/03/08	0.0033	<0.001	0.0015	<0.003	4620	9120
	10/29/08	0.014	<0.001	0.0068	<0.003	4300	8300
MW-18	12/07/98	ND	--	--	--	5700	--
	08/23/00	ND	--	--	--	5000	--
	03/22/01	0.036	--	--	--	4500	--
	10/16/01	0.007	--	--	--	3490	--
	04/15/02	ND	--	--	--	3280	--
	09/13/02	ND	--	--	--	4920	--
	04/22/03	0.001	--	--	--	2960	--
	10/22/03	ND	--	--	--	2910	--
	04/21/04	<0.001	--	--	--	5950	--
	11/03/04	<0.005	--	--	--	4240	--
	05/16/05	<0.001	--	--	--	10600	--
	12/01/05	0.0016	<0.001	<0.001	<0.003	2130	3480
	05/17/06	0.089	0.0035	0.021	0.019	3880	6870
	11/03/06	0.0047	<0.001	0.0039	<0.003	3510	6920
	05/29/07	<0.001	<0.001	<0.001	<0.003	3020	5500
	11/01/07	<0.001	<0.001	<0.001	<0.003	3160	5780
	06/02/08	0.011	<0.001	0.004	<0.003	2890	5280
	10/28/08	<0.001	0.0012	0.013	<0.003	2510	5170

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-19	08/23/00	0.94	--	--	--	3000	--
	03/22/01	0.973	--	--	--	3100	--
	10/16/01	0.85	--	--	--	2790	--
	04/15/02	0.71	--	--	--	2690	--
	09/13/02	0.437	--	--	--	3010	--
	04/22/03	0.467	--	--	--	2310	--
	10/22/03	0.552	--	--	--	1870	--
	02/20/04	0.753	--	--	--	2840	--
	04/22/04	0.558	--	--	--	2690	--
	07/26/04	0.691	--	--	--	3000	--
	11/09/04	0.758	--	--	--	3510	--
	11/09/06	0.77	0.0017	0.062	0.051	3350	7250
MW-21	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
	04/26/04	0.613	--	--	--	2400	--
	12/19/05	0.83	0.038	0.10	0.15	2470	5070
	11/08/06	1.5	0.035	0.12	0.15	1720	3980
	05/01/07	--	--	--	--	--	--
MW-22	11/06/07	2.4	0.029	0.18	0.19	--	--
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
	08/23/00	0.403	--	--	--	--	--
	03/22/01	0.793	--	--	--	24000	--
	10/16/01	1.110	--	--	--	17000	--
	04/15/02	0.971	--	--	--	48800	--
	09/13/02	0.730	--	--	--	44200	--
	04/28/03	1.100	--	--	--	16200	--
	10/24/03	0.986	--	--	--	38800	--
	04/22/04	1.25	--	--	--	37900	--
	11/09/04	0.340	--	--	--	16900	--
	05/16/05	0.283	--	--	--	7740	--
	12/02/05	0.280	<0.001	0.0026	<0.003	1870	3970
	05/11/06	0.65	<0.001	0.009	0.0046	2590	5420
	11/06/06	1	<0.005	0.025	0.016	7330	11900
	05/30/07	0.029	<0.001	<0.001	<0.01	5390	10700
MW-23	11/01/07	0.4	0.001	0.043	0.039	2020	4280
	06/03/08	0.770	0.0017	0.030	0.021	5370	9720
	10/29/08	1.2	<0.005	0.032	0.019	6,500	10,800
	08/23/00	0.006	--	--	--	--	--
	03/22/01	0.029	--	--	--	15000	--
	10/16/01	0.012	--	--	--	16100	--
	04/15/02	0.0098	--	--	--	20300	--
	09/13/02	ND	--	--	--	17400	--
	04/23/03	ND	--	--	--	13100	--
	10/24/03	0.0173	--	--	--	17200	--
	04/22/04	0.005	--	--	--	13500	--
	11/09/04	<0.005	--	--	--	8500	--
	05/16/05	<0.005	--	--	--	9070	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	6600	10600
	05/11/06	<0.001	<0.001	<0.001	<0.003	6540	11700
	11/06/06	0.0079	0.0019	0.04	0.04	6560	12600
	05/30/07	<0.001	<0.001	<0.001	<0.003	9010	11600
	11/01/07	0.0013	<0.001	<0.001	<0.003	7540	13200
	06/03/08	0.0072	<0.001	0.0018	<0.003	8340	15700
	10/28/08	0.0012	<0.001	<0.001	<0.003	11,400	18,000

Table 10
HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-24	10/16/01	32.9	--	--	--	102	--
	04/15/02	32.4	--	--	--	92.7	--
	09/13/02	39.7	--	--	--	99.4	--
	04/28/03	37.7	--	--	--	101	--
	10/27/03	26.6	--	--	--	133	--
	04/23/04	23.4	--	--	--	256	--
	11/09/04	18.5	--	--	--	269	--
	05/16/05	12.6	--	--	--	274	--
	12/19/05	15	0.33	0.49	0.66	260	1240
	05/17/06	16	0.11	0.65	0.79	342	1270
	11/09/06	14	0.12	0.66	0.64	355	1280
	05/31/07	17	0.55	0.92	0.87	395	1260
	11/06/07	17	0.22	0.68	0.63	389	1420
	06/05/08	No access due to plant demo work					
	10/30/08	15	0.075	0.52	0.48	461	1,590
MW-25	10/16/01	2.87	--	--	--	1510	--
	04/15/02	2.43	--	--	--	2340	--
	09/13/02	2.61	--	--	--	2040	--
	04/28/03	4.49	--	--	--	2350	--
	10/27/03	2.72	--	--	--	1540	--
	04/23/04	2.76	--	--	--	2000	--
	11/09/04	2.12	--	--	--	3900	--
	05/16/05	3.03	--	--	--	4276	--
	12/14/05	3.4	<0.01	0.28	<0.03	2470	8040
	05/12/06	3.7	<0.005	0.36	0.024	2180	8010
	11/10/06	4.2	0.0068	0.32	0.038	2680	8940
	06/05/08	7.5	0.23	0.52	0.11	2560	6550
	10/30/08	7.3	0.026	0.5	0.13	2,960	6,650
	06/05/08	No access due to plant demo work					
	10/30/08	6.3	<0.020	0.27	0.1	213	1270
MW-26	10/16/01	7.69	--	--	--	661	--
	04/15/02	6.76	--	--	--	751	--
	09/13/02	7.72	--	--	--	667	--
	04/30/03	7.99	--	--	--	688	--
	10/27/03	5.78	--	--	--	801	--
	04/23/04	6.78	--	--	--	682	--
	11/11/04	6.02	--	--	--	690	--
	05/16/05	3.81	--	--	--	1240	--
	12/14/05	5.4	<0.01	0.17	0.031	732	1730
	05/12/06	3.4	0.061	0.25	0.064	574	1610
	05/01/07	--	--	--	--	--	--
	11/05/07	3.3	0.019	0.35	0.051	644	1680
	06/05/08	No access due to plant demo work					
	10/30/08	6.3	<0.020	0.27	0.1	213	1270
MW-27	10/16/01	7.59	--	--	--	1250	--
	04/15/02	12.8	--	--	--	1050	--
	09/13/02	13.0	--	--	--	818	--
	04/30/03	21.2	--	--	--	815	--
	10/27/03	11.2	--	--	--	1270	--
	04/23/04	14.4	--	--	--	1120	--
	11/11/04	14.1	--	--	--	1070	--
	05/16/05	12.1	--	--	--	1290	--
	12/14/05	7.4	0.25	0.28	<0.3	558	2840
	05/12/06	12	0.17	0.48	<0.3	499	2870
	05/01/07	--	--	--	--	--	--
	11/05/07	13	0.29	0.63	0.37	933	2430
	06/05/08	No access due to plant demo work					
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH

Table 1
HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-28	10/16/01	15.5	--	--	--	1130	--
	04/15/02	24.8	--	--	--	1340	--
	09/13/02	37.0	--	--	--	1420	--
	05/01/07	--	--	--	--	--	--
	10/29/07	--	--	--	--	--	--
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
MW-29	11/08/04	<0.001	--	--	--	369	--
	05/16/05	<0.001	--	--	--	478	--
	11/29/05	0.021	0.0016	0.01	0.0086	393	1220
	05/02/06	0.092	0.0054	0.13	0.099	451	1580
	11/02/06	0.12	0.0053	0.18	0.17	502	1700
	05/23/07	0.43	0.012	0.28	0.36	537	1690
	10/29/07	0.25	0.0047	0.18	0.2	619	2000
	05/28/08	0.18	0.0028	0.085	0.055	639	1910
MW-30	10/22/08	0.34	0.0034	0.13	0.078	675	1820
	11/05/04	<0.001	--	--	--	331	--
	05/16/05	<0.001	--	--	--	443	--
	11/29/05	0.023	<0.001	<0.001	<0.003	383	1220
	05/02/06	0.13	<0.001	0.0056	0.0045	352	1260
	11/01/06	0.2	<0.005	<0.005	<0.015	358	1260
	05/23/07	0.27	<0.001	0.0055	0.012	345	1240
	10/29/07	0.28	<0.001	0.0078	0.0033	366	1260
MW-31	05/28/08	0.20	0.0018	0.0022	0.0032	367	1370
	10/22/08	0.23	0.0018	0.0044	<0.003	405	1300
	11/08/04	0.367	--	--	--	382	--
	05/16/05	1.16	--	--	--	436	--
	11/30/05	1.4	<0.001	0.14	0.006	354	1110
	05/04/06	2.7	<0.001	0.33	0.016	394	1160
	11/06/06	2.5	<0.01	0.35	0.035	425	1250
	05/31/07	1.9	0.0017	0.21	0.0096	463	1280
MW-32	10/31/07	3.6	<0.005	0.4	<0.015	421	874
	06/02/08	4.1	0.0035	0.28	0.01	433	1380
	10/28/08	3.7	<0.005	0.33	<0.015	444	1370
	02/28/06	0.094	<0.001	0.01	0.008	1340	--
	05/03/06	0.013	<0.001	0.0086	0.011	1400	4210
	11/01/06	0.06	<0.005	0.018	0.019	1340	3910
	05/23/07	0.024	0.0012	0.015	0.023	1200	3780
	10/29/08	0.028	<0.001	0.016	0.012	1210	3740
MW-34	05/28/08	0.033	0.0018	0.013	0.011	1240	3790
	10/27/08	0.034	<0.001	0.0084	0.0053	1280	3770
	02/28/06	3.6	<0.005	0.31	0.410	575	--
	05/03/06	2.6	<0.01	0.29	0.44	612	1780
	11/01/06	2.6	<0.005	0.2	0.25	618	1930
	05/23/07	0.089	0.0022	0.25	0.45	78.7	570
	10/30/07	0.082	0.056	0.21	0.39	81	550
	05/28/08	0.05	0.019	0.11	0.12	68.9	562
MWD-1	10/27/08	0.056	0.033	0.21	0.24	72.5	578
	10/16/01	0.006	--	--	--	5790	--
	04/15/02	0.0025	--	--	--	16100	--
	09/13/02	ND	--	--	--	17800	--
	04/23/03	0.0011	--	--	--	17300	--
	10/23/03	ND	--	--	--	14700	--
	04/21/04	<0.001	--	--	--	12800	--
	11/03/04	<0.001	--	--	--	15100	--
	05/16/05	<0.005	--	--	--	13600	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	15100	20300
	05/10/06	0.0022	<0.001	<0.001	<0.003	13100	24900
	11/06/06	0.0051	<0.001	0.0031	<0.003	14000	23700
	05/29/07	<0.001	<0.001	<0.001	<0.003	9110	15200
	11/01/07	<0.001	<0.001	<0.001	<0.003	13300	21800
	06/03/08	0.0031	<0.001	0.0014	<0.003	12100	20900
	10/29/08	0.018	<0.001	0.0065	<0.003	11400	21700

Table
HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-2	10/16/01	0.0076	--	--	--	3290	--
	04/15/02	0.0012	--	--	--	22300	--
	09/13/02	ND	--	--	--	22800	--
	04/24/03	0.0045	--	--	--	22100	--
	10/23/03	ND	--	--	--	19800	--
	04/21/04	0.001	--	--	--	22300	--
	11/03/04	<0.005	--	--	--	26400	--
	05/16/05	<0.001	--	--	--	27800	--
	12/01/05	<0.001	<0.001	<0.001	0.0044	25600	37100
	05/17/06	0.054	0.0027	0.012	0.01	--	--
	11/06/06	0.0081	<0.001	0.0038	<0.003	24400	32700
	05/29/07	0.0036	<0.001	<0.001	<0.003	11200	19100
	11/01/07	0.0034	<0.001	<0.001	<0.003	19400	34000
	06/03/08	0.0093	<0.001	0.0019	<0.003	23400	40100
	10/28/08	0.028	0.0018	0.0089	<0.003	19900	32700
MWD-3	10/16/01	0.329	--	--	--	12200	--
	04/15/02	0.785	--	--	--	47600	--
	09/13/02	0.656	--	--	--	46600	--
	04/28/03	0.928	--	--	--	47600	--
	10/28/03	0.78	--	--	--	58300	--
	02/20/04	0.43	--	--	--	65100	--
	04/22/04	1.11	--	--	--	39500	--
	07/26/04	0.644	--	--	--	77600	--
	11/09/04	0.576	--	--	--	81400	--
	02/14/05	0.631	--	--	--	90700	--
	05/16/05	0.45	--	--	--	66900	--
	09/12/05	0.8	0.011	0.11	<0.015	--	--
	02/28/06	1	0.012	0.13	0.04	75500	--
	05/11/06	0.63	0.0097	0.21	0.072	63600	105000
	11/09/06	1.3	0.0079	0.14	0.039	55300	89000
	05/30/07	1.9	0.01	0.12	0.05	47700	75200
	10/29/07	1.7	0.01	0.14	0.045	55100	127000
	06/05/08	2.6	0.012	0.12	0.056	46300	84800
	10/29/08	4.6	<0.020	0.16	0.074	43,500	69,200
MWD-4	10/16/01	ND	--	--	--	333	--
	04/15/02	ND	--	--	--	688	--
	09/13/02	0.0048	--	--	--	516	--
	04/24/03	ND	--	--	--	521	--
	10/24/03	ND	--	--	--	640	--
	04/22/04	<0.001	--	--	--	397	--
	11/05/04	<0.005	--	--	--	344	--
	05/16/05	<0.001	--	--	--	370	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	237	1100
	05/03/06	0.013	<0.001	0.0059	0.008	247	1170
	11/02/06	0.015	<0.001	0.018	0.015	228	1200
	05/23/07	0.0038	<0.001	0.0069	0.011	118	940
	10/30/07	0.0034	0.0015	0.0073	0.012	191	1040
	05/28/08	0.014	0.0022	0.014	0.013	365	1430
	10/27/08	<0.01	0.0027	0.023	0.025	218	1190

Ta

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-5	10/16/01	5.85	--	--	--	515	--
	04/15/02	8.83	--	--	--	1140	--
	04/30/03	9.58	--	--	--	1290	--
	10/28/03	8.01	--	--	--	1120	--
	04/26/04	5.82	--	--	--	1200	--
	11/09/04	7.35	--	--	--	1350	--
	05/16/05	9.57	--	--	--	1260	--
	12/13/05	4	0.33	0.38	<0.3	1100	3420
	05/12/06	2.3	0.06	0.33	0.11	1160	3050
	11/01/06	1.3	<0.05	<0.5	<0.015	1260	3860
	05/31/07	3.7	0.13	0.38	0.12	1170	2420
	11/05/07	3.7	0.092	0.31	0.15	1460	2970
MWD-6	06/04/08	3.3	<0.05	0.27	<0.15	1650	4200
	10/30/08	2.8	0.024	0.29	0.11	1770	4150
	10/16/01	0.761	--	--	--	403	--
	04/15/02	0.143	--	--	--	758	--
	09/13/02	0.120	--	--	--	798	--
	04/23/03	0.181	--	--	--	895	--
	10/23/03	0.139	--	--	--	879	--
	04/21/04	0.288	--	--	--	739	--
	11/05/04	0.121	--	--	--	824	--
	05/16/05	0.0165	--	--	--	790	--
	12/13/05	0.019	<0.001	0.0096	0.0034	781	2550
	05/12/06	0.013	<0.001	0.0088	<0.003	943	2670
MWD-7	11/01/06	0.14	<0.001	0.033	0.0049	805	2680
	05/31/07	0.088	<0.001	0.063	0.0046	740	2030
	11/05/07	0.059	<0.001	0.0073	0.0039	907	2430
	06/04/08	0.06	<0.001	0.018	0.006	816	2600
	10/30/08	0.049	<0.001	0.013	0.0036	941	2490
	04/15/02	ND	--	--	--	936	--
	09/13/02	ND	--	--	--	7620	--
	04/22/03	ND	--	--	--	9840	--
	10/22/03	ND	--	--	--	7400	--
	04/21/04	<0.001	--	--	--	8060	--
	11/03/04	<0.001	--	--	--	9610	--
	05/16/05	<0.001	--	--	--	9250	--
MWD-8	12/01/05	<0.001	<0.001	<0.001	<0.003	8720	15000
	05/10/06	<0.001	<0.001	<0.001	<0.003	6870	13800
	11/03/06	0.0059	<0.001	0.004	<0.003	7990	17000
	05/29/07	<0.001	<0.001	<0.001	<0.003	8130	16300
	11/01/07	<0.001	<0.001	<0.001	<0.003	8720	16000
	06/03/08	0.0028	<0.001	0.0012	<0.003	7980	15200
	10/29/08	0.009	<0.001	0.0051	<0.003	8360	15100
	04/15/02	ND	--	--	--	12800	--
	09/13/02	ND	--	--	--	12600	--
	04/23/03	0.0017	--	--	--	14300	--
	10/23/03	ND	--	--	--	11800	--
	04/21/04	<0.001	--	--	--	11400	--
	11/03/04	<0.001	--	--	--	11900	--
	05/16/05	<0.001	--	--	--	27900	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	18000	27900
	05/17/06	0.035	0.002	0.011	0.0096	--	20500
	11/03/06	0.008	<0.001	0.0043	<0.003	12400	20300
	05/29/07	<0.001	<0.001	<0.001	<0.003	4430	8120
	11/01/07	0.0012	<0.001	<0.001	<0.003	15400	23400
	06/02/08	0.0077	<0.001	0.0029	<0.003	11700	22300
	10/28/08	0.029	0.0021	0.010	<0.003	11500	19800

Ta

HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-9	04/15/02	0.0131	--	--	--	23400	--
	09/13/02	ND	--	--	--	22800	--
	04/25/03	0.0577	--	--	--	23500	--
	10/28/03	ND	--	--	--	29200	--
	02/20/04	<0.001	--	--	--	55300	--
	04/22/04	0.0034	--	--	--	48000	--
	07/26/04	0.0074	--	--	--	45000	--
	11/09/04	0.0334	--	--	--	46400	--
	02/14/05	0.0097	--	--	--	43700	--
	05/16/05	0.0099	--	--	--	81200	--
	09/12/05	0.013	<0.005	<0.005	<0.015	41600	--
	02/28/06	0.0097	<0.001	0.0028	0.0038	34700	--
	05/11/06	0.0064	<0.001	0.002	<0.003	32900	56400
	08/10/06	0.011	<0.001	0.0022	<0.003	28500	--
	05/30/07	0.0075	<0.001	0.0015	<0.003	24200	39800
	10/29/07	0.0055	0.0073	0.001	<0.003	21200	24900
MWD-10	06/05/08	<0.001	<0.001	<0.001	<0.003	22600	40900
	10/28/08	0.011	0.0015	0.0015	<0.003	20,700	33,200
	04/15/02	0.369	--	--	--	7210	--
	09/13/02	0.441	--	--	--	7800	--
	04/23/03	0.637	--	--	--	8250	--
	10/24/03	0.667	--	--	--	9170	--
	02/20/04	0.683	--	--	--	8450	--
	04/23/04	0.686	--	--	--	8530	--
	07/26/04	0.786	--	--	--	9060	--
	11/09/04	0.875	--	--	--	7580	--
	02/14/05	1.16	--	--	--	8610	--
	05/16/05	1.66	--	--	--	9360	--
	09/12/05	1.5	<0.005	0.36	0.027	9390	--
	12/02/05	0.89	<0.01	0.69	0.38	8710	13400
	03/02/06	0.57	<0.001	0.22	0.056	7980	--
	05/11/06	0.3	<0.001	0.11	0.015	7710	14800
MWD-11	08/10/06	0.47	<0.005	0.15	<0.015	8730	--
	11/09/06	0.6	0.0016	0.15	0.054	7760	13400
	05/30/07	0.290	<0.001	0.024	0.0097	7710	12400
	11/05/07	0.840	<0.001	0.039	<0.015	7240	11900
	06/04/08	1.1	0.0013	0.120	0.019	6510	12300
	10/29/08	0.82	<0.005	0.042	<0.015	7,010	12,100
	04/15/02	ND	--	--	--	2580	--
	09/13/02	ND	--	--	--	2700	--
	04/22/03	ND	--	--	--	2760	--
	10/21/03	ND	--	--	--	2050	--
	04/20/04	<0.001	--	--	--	2460	--
	11/03/04	<0.005	--	--	--	3230	--
	05/16/05	<0.001	--	--	--	3200	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	2810	4840
	05/17/06	0.028	0.0014	0.01	0.0067	2650	5040
	11/06/06	0.013	<0.001	0.0073	<0.003	2640	5110
	05/29/07	<0.001	<0.001	<0.001	<0.003	1030	1950
	10/31/07	0.013	0.0016	0.0054	<0.003	2170	4210
	06/02/08	0.015	0.0022	0.0052	<0.003	2480	4790
	10/28/08	0.052	0.0035	0.017	0.0037	2580	5050

Table
HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-12	04/15/02	0.507	--	--	--	5130	--
	09/13/02	0.973	--	--	--	5300	--
	04/24/03	1.05	--	--	--	5760	--
	10/23/03	0.930	--	--	--	4750	--
	02/20/04	0.532	--	--	--	5350	--
	04/22/04	0.524	--	--	--	5160	--
	07/26/04	0.542	--	--	--	2390	--
	11/05/04	0.468	--	--	--	6630	--
	02/14/05	0.580	--	--	--	5770	--
	05/16/05	0.557	--	--	--	5950	--
	09/12/05	0.860	<0.005	0.042	0.017	5770	--
	12/13/05	0.250	0.0013	0.023	0.0065	5870	10100
	03/02/06	0.230	0.0012	0.018	0.0049	6080	--
	05/12/06	0.14	<0.001	0.025	0.0052	5670	10200
	08/09/06	0.17	<0.001	0.016	<0.003	5450	--
	11/01/06	0.16	0.0014	0.017	0.0071	5860	10600
	05/30/07	0.051	<0.001	0.008	0.0049	5330	8160
MWD-13	11/05/07	0.27	<0.001	0.025	0.0063	4690	8080
	06/04/08	0.64	0.002	0.054	0.015	5040	9820
	10/29/08	0.65	<0.005	0.037	<0.015	5,980	9,520
	04/15/02	0.002	--	--	--	27900	--
	09/13/02	ND	--	--	--	27100	--
	04/24/03	0.0031	--	--	--	29200	--
	10/24/03	ND	--	--	--	20900	--
	04/22/04	<0.001	--	--	--	18000	--
	11/05/04	<0.005	--	--	--	29200	--
	05/16/05	<0.001	--	--	--	12600	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	10500	--
	05/03/06	0.005	<0.001	0.0024	0.0032	5390	11600
	11/02/06	0.012	<0.001	0.0088	0.0072	5520	11400
MWD-14	05/23/07	0.0073	<1.0	0.0049	0.0079	11300	20400
	10/30/07	0.0016	<0.001	0.0024	0.0037	3130	7330
	05/29/08	<0.001	<0.001	<0.001	<0.003	6310	13000
	10/27/08	0.0024	<0.001	0.0056	0.0059	2320	6520
	04/15/02	1.77	--	--	--	20600	--
	09/13/02	2.02	--	--	--	21300	--
	04/25/03	2.44	--	--	--	38100	--
	10/24/03	2.89	--	--	--	18400	--
	02/20/04	1.48	--	--	--	17500	--
	04/22/04	1.36	--	--	--	20600	--
	07/26/04	1.33	--	--	--	17600	--
	11/09/04	1.61	--	--	--	18400	--
	02/14/05	1.47	--	--	--	15300	--
	05/16/05	1.54	--	--	--	15800	--
	09/12/05	1.6	0.0092	0.082	<0.05	13300	--
	12/02/05	2.6	0.029	0.089	0.075	13200	22600
	03/02/06	1.5	<0.01	0.068	<0.03	13000	--
	05/11/06	1.1	<0.005	0.033	<0.015	12300	23400
	08/09/06	1.2	<0.005	0.059	0.018	14200	--
	11/08/06	1.4	0.0047	0.034	0.026	13400	24600
	05/30/07	1.2	0.0011	0.0076	0.0074	7910	14400
	11/05/07	1.5	0.0012	0.019	0.013	10300	16600
	06/04/08	1.3	0.0021	0.022	0.0067	13100	25600
	10/28/08	1.5	<0.005	0.015	<0.015	12,900	20,300

Table
HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-15	01/11/05	0.314	--	--	--	40900	--
	02/14/05	0.527	--	--	--	34200	--
	05/16/05	0.334	--	--	--	38900	--
	09/12/05	0.38	0.018	0.98	0.47	26100	--
	12/02/05	0.48	<0.01	1.7	0.31	31700	52000
	03/02/06	0.38	0.0054	0.7	0.099	23200	--
	05/11/06	0.53	0.014	0.42	0.18	26500	41600
	08/10/06	0.57	0.018	0.42	0.25	22100	--
	11/06/06	0.4	0.021	0.49	0.33	10100	16500
	05/30/07	0.61	0.001	0.092	0.0091	15000	22200
	11/05/07	0.4	<0.001	0.093	<0.015	22000	35500
MWD-16	08/03/08	0.35	0.0017	0.100	0.051	21400	37800
	10/28/08	0.46	<0.005	0.079	0.025	22,400	39,800
	11/08/04	0.491	--	--	--	15300	--
	02/14/05	1.21	--	--	--	13400	--
	05/16/05	1.08	--	--	--	13300	--
	09/12/05	1.1	<0.005	0.33	0.15	11900	--
	12/02/05	0.76	<0.01	0.24	0.11	11000	16000
	03/02/06	1	<0.01	0.21	0.093	9450	--
	05/11/06	0.8	<0.005	0.25	0.11	8140	14300
	08/09/06	0.88	<0.005	0.54	0.28	10100	--
	11/08/06	0.94	<0.005	0.48	0.28	5010	9220
MWD-17	05/30/07	0.84	<0.005	0.37	0.2	4910	9100
	11/05/07	0.78	<0.005	0.33	0.16	8130	12700
	06/04/08	0.55	<0.005	0.25	0.13	8220	15900
	10/29/08	0.73	<0.005	0.28	0.15	9,920	17,000
	11/08/04	3.11	--	--	--	69300	--
	05/16/05	4.16	--	--	--	53500	--
	09/12/05	3.7	<0.02	0.025	<0.06	49500	--
	12/02/05	2.3	<0.005	0.033	<0.015	30900	50400
	02/28/06	0.8	0.016	0.066	0.049	37500	--
	05/11/06	1.4	<0.005	0.019	<0.015	29400	50900
	08/09/06	0.84	<0.005	0.04	0.018	50200	--
RW-6	11/06/06	1.4	<0.005	0.058	0.028	41600	71700
	05/30/07	2.3	<0.005	0.07	<0.015	24200	36400
	11/01/07	2.6	<0.005	0.084	0.025	8230	28500
	06/03/08	1.8	0.0042	0.015	0.016	49300	80,000
	10/28/08	2.3	<0.01	0.019	<0.03	35,500	65,200
	05/11/06	0.0031	0.0032	0.0018	<0.003	32600	58200
	11/08/06	0.0053	0.0041	0.003	0.0046	31800	56200
	05/30/07	0.011	0.0055	0.0052	0.0072	28100	46200
	10/29/07	0.0052	0.0034	0.0027	0.0038	26700	34700
	06/05/08	0.0068	0.0056	0.0041	0.0052	21300	52300
	10/30/08	0.014	0.0047	0.0048	0.0068	23900	44100

Table 2
HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
RW-7	05/11/06	<0.001	<0.001	<0.001	<0.003	12600	24000
	11/08/06	0.0095	<0.001	0.0016	<0.003	50600	87600
	05/30/07	0.0098	1.1	0.0021	0.0035	33700	69300
	10/29/07	0.012	<0.001	0.0019	<0.003	52900	97200
	06/05/08	--	--	--	--	--	--
	10/30/08	0.015	0.0013	0.0039	0.0037	58900	111000
RW-8	05/11/06	0.25	<0.001	<0.001	<0.003	12600	37800
	11/08/06	0.22	<0.001	0.0089	0.02	50600	29200
	05/29/07	0.18	0.16	0.0092	0.009	87100	14200
	11/29/07	0.099	0.0014	0.025	0.15	13000	15600
	06/05/08	0.096	0.0043	0.018	0.170	15200	25800
	10/30/08	0.09	0.0038	0.020	0.200	13000	21300
TMW-1	12/07/95	ND	--	--	--	650	--
	06/06/96	0.0038	--	--	--	649	--
	06/02/97	0.009	--	--	--	460	--
	08/23/00	ND	--	--	--	430	--
	03/22/01	0.012	--	--	--	380	--
	10/16/01	0.0204	--	--	--	324	--
	04/15/02	0.0177	--	--	--	411	--
	09/13/02	0.0367	--	--	--	916	--
	04/22/03	0.0132	--	--	--	378	--
	10/22/03	ND	--	--	--	397	--
	04/20/04	0.0202	--	--	--	1760	--
	11/09/04	0.0102	--	--	--	1010	--
	05/16/05	0.0371	--	--	--	2480	--
	12/01/05	0.019	<0.001	0.0034	0.0086	390	1220
	05/17/06	0.17	0.0058	0.034	0.03	1340	2510
	11/06/06	0.017	<0.001	0.01	<0.003	1240	2530
	05/29/07	0.015	<0.001	0.002	<0.005	1500	2370
	10/31/07	0.044	0.0025	0.014	0.0045	1310	2620
	06/02/08	0.024	0.0015	0.0073	<0.003	1440	3030
	10/28/08	0.094	0.0021	0.024	0.0044	1770	3560
TMW-2	12/07/95	0.0589	--	--	--	545	--
	06/06/96	1.07	--	--	--	1020	--
	06/02/97	2.7	--	--	--	730	--
	03/22/01	1.87	--	--	--	660	--
	10/16/01	1.82	--	--	--	720	--
	12/19/05	1.5	0.032	0.70	0.066	126	1620
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
TMW-3	12/07/95	0.048	--	--	--	685	--
	06/06/96	0.861	--	--	--	1490	--
	06/02/97	0.428	--	--	--	870	--
	08/23/00	1.02	--	--	--	680	--
	03/22/01	1.06	--	--	--	900	--
	10/16/01	1.18	--	--	--	741	--
	04/15/02	0.353	--	--	--	897	--
	09/13/02	0.0417	--	--	--	1400	--
	04/28/03	0.328	--	--	--	897	--
	10/27/03	0.0189	--	--	--	630	--
	04/23/04	<0.001	--	--	--	633	--
	11/09/04	<0.001	--	--	--	605	--
	05/16/05	0.0345	--	--	--	1900	--
	12/06/05	0.014	<0.001	0.017	0.0047	456	2610
	05/11/06	0.01	<0.001	0.018	0.0067	733	2060
	11/09/06	0.03	<0.001	0.017	0.01	760	2060
	06/04/08	No access due to plant demo work					
	10/29/08	0.014	<0.001	0.0077	0.0044	695	1740

Table 1
HISTORICAL GROUNDWATER ANALYTICAL DATA - BTEX, Chloride, and TDS
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
TMW-5	12/07/95	0.106	--	--	--	1800	--
	06/06/96	0.388	--	--	--	3250	--
	06/02/97	0.48	--	--	--	4300	--
	08/23/00	0.675	--	--	--	3600	--
	12/19/05	1.4	0.016	0.27	0.039	5420	10300
	11/09/06	1.6	<0.01	0.23	<0.03	4640	8680
	05/31/07	2.1	0.230	0.13	0.035	5350	9220
	11/06/07	3.6	0.210	0.21	0.044	4120	7520
	06/04/08	PSH	PSH	PSH	PSH	PSH	PSH
TMW-6	10/29/08	1.8	<0.005	0.06	0.017	4,780	7,940
	12/07/95	0.015	--	--	--	700	--
	06/06/96	1.11	--	--	--	788	--
	06/02/97	2.10	--	--	--	730	--
	08/23/00	4.68	--	--	--	380	--
	03/22/01	5.93	--	--	--	400	--
	10/16/01	4.76	--	--	--	319	--
	04/15/02	3.73	--	--	--	503	--
	09/13/02	3.62	--	--	--	821	--
	04/28/03	3.63	--	--	--	311	--
	10/27/03	3.88	--	--	--	567	--
	04/23/04	3.66	--	--	--	684	--
	11/09/04	4.17	--	--	--	417	--
	05/16/05	2.79	--	--	--	712	--
	12/13/05	1.3	<0.005	0.23	0.047	535	1640
	05/12/06	1.2	<0.005	0.22	0.067	589	1580
	11/09/06	2	<0.005	0.14	0.065	539	1720
	05/01/07	--	--	--	--	--	--
WW-1	09/10/96	0.105	--	--	--	--	--
	05/28/97	0.107	--	--	--	--	--
WW-2	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/02/06	0.0011	<0.001	0.0014	<0.003	--	--
WW-3	09/10/96	0.033	--	--	--	--	--
	05/28/97	0.011	--	--	--	--	--
WW-4	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/04/06	0.0017	<0.001	<0.001	<0.003	--	--
WW-5	09/10/96	0.018	--	--	--	--	--
	05/28/97	0.009	--	--	--	--	--
	08/23/00	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/04/06	0.0013	<0.001	<0.001	<0.003	--	--
WW-6	05/28/97	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/04/06	0.0027	<0.001	<0.001	<0.003	--	--
WW-7	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	08/23/00	ND	--	--	--	--	--
	11/29/05	<0.001	<0.001	0.0025	<0.003	--	--
	05/02/06	<0.02	<0.001	0.058	<0.003	--	--

NOTES:

mg/l = milligrams per liter.

BOLD = exceedance of the regulatory standard.

NM WQCC Standard = New Mexico Water Quality Control Commission Human Health Standard.

ND = Not detected above reporting limit. More recent samples not detected above reporting limits are denoted with <.

Pumping = monitor wells were not sampled due to pumping.

PSH = monitor wells were not sampled due to Phase separated hydrocarbons (PSH) in the wells.

-- = Not provided in historical data, or not sampled during recent sampling event.

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA –
RCRA METALS

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-1	09/10/96	ND	0.51	ND	ND	--	ND	ND	ND
	11/10/06	0.0274	1.53	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
MW-2	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
MW-3	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.15	ND	ND	--	ND	ND	ND
	03/22/01	ND	0.14	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.144	ND	ND	--	ND	ND	ND
	04/15/02	ND	0.158	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.193	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.138	ND	ND	--	ND	ND	ND
	10/21/03	ND	0.106	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	0.096	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/03/05	<0.010	<0.010	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.112	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/1/2005	<0.020	0.0901	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.074	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	0.077	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	<0.020	0.0762	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/31/07	<0.020	0.0768	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	<0.020	0.0632	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-4	10/28/08	<0.020	0.0698	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/28/97	ND	0.2	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.15	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	ND	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.144	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.156	ND	0.01	--	ND	ND	ND
	10/23/03	ND	0.0732	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	<0.100	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.072	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/1/2005	<0.020	0.0477	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.0548	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	0.0631	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	5/29/2007	<0.020	0.0525	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.0568	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-5	06/03/08	<0.020	0.0538	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0391	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
MW-5	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
MW-6	05/28/97	ND	0.2	ND	ND	--	ND	ND	ND
	08/23/00	ND	ND	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.047	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.152	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.148	ND	ND	--	ND	ND	ND
	10/23/03	ND	0.092	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.169	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.048	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/29/05	<0.020	0.124	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/03/06	0.027	0.0753	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/02/06	<0.100	0.0848	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/23/07	0.0324	0.056	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	0.0239	0.0663	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/08	0.0217	0.0522	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0305	0.0431	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-7	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.10	ND	ND	--	ND	ND	ND
	03/22/01	ND	0.804	ND	ND	--	ND	ND	ND
	10/16/01	ND	1.01	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	1.04	ND	ND	--	ND	ND	ND
	04/24/03	ND	1.80	ND	ND	--	ND	ND	ND
	10/24/03	ND	1.64	ND	ND	--	ND	ND	ND
	04/22/04	<0.010	1.44	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/05/04	<0.010	1.07	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.43	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/29/05	0.0227	0.86	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/03/06	<0.020	0.986	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/02/06	0.0225	0.835	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/23/07	0.0258	0.92	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	<0.020	0.424	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/28/08	0.022	0.425	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0281	0.188	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-8	05/28/97	ND	ND	ND	ND	--	ND	ND	1.5
	08/23/00	ND	ND	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.118	ND	ND	--	ND	ND	ND
	04/15/02	ND	0.103	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.187	ND	ND	--	ND	ND	ND
	04/22/03	0.022	0.135	ND	ND	--	ND	ND	ND
	10/21/03	ND	0.105	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	0.112	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/03/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.099	<0.001	0.014	--	<0.0002	<0.010	<0.002
	11/29/05	<0.0200	0.0955	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/03/06	0.0333	0.0897	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.100	0.1	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/23/07	0.453	0.11	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	0.036	0.121	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/28/08	0.0418	0.119	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0491	0.0907	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-9	05/28/97	ND	2.7	ND	ND	--	ND	ND	ND
	08/23/00	ND	11	ND	ND	--	ND	ND	ND
	03/22/01	ND	13.3	0.025	ND	--	ND	ND	ND
	10/16/01	ND	14.5	ND	ND	--	ND	ND	ND
	04/15/02	ND	13.7	ND	ND	--	ND	ND	ND
	09/13/02	ND	14.5	ND	ND	--	ND	ND	ND
	04/30/03	ND	13.9	ND	ND	--	ND	ND	ND
	10/28/03	ND	12.6	ND	ND	--	ND	ND	ND
	04/26/04	<0.010	16.9	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	<0.010	15.5	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	11.5	<0.001	0.034	--	<0.0002	<0.010	<0.002
	12/13/05	<0.020	16.1	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.0223	16.4	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.020	15.8	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/31/07	<0.020	17.6	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	<0.020	15.7	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	<0.020	17.0	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/08	<0.020	15.6	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-10	05/28/97	ND	0.5	ND	ND	--	ND	ND	ND
	08/23/00	0.3	7.5	ND	ND	--	ND	ND	ND
	03/22/01	ND	5.86	ND	ND	--	ND	ND	ND
	10/16/01	0.0271	5.81	ND	ND	--	ND	ND	ND
	04/15/02	ND	5.7	ND	ND	--	ND	ND	ND
	09/13/02	ND	4.34	ND	ND	--	ND	ND	ND
	04/28/03	ND	7.56	ND	ND	--	ND	ND	ND
	10/27/03	ND	5.51	ND	ND	--	ND	ND	ND
	04/26/04	<0.010	6.18	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/11/04	<0.010	4.95	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	11/10/06	0.0438	5.11	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/31/07	0.0428	4.44	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/06/07	0.0432	5.06	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
	10/21/08	No access due to plant demo work							

Table 1
Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-11	05/28/97	ND	1.5	ND	ND	--	ND	ND	ND
	08/23/00	0.100	11	ND	ND	--	ND	ND	ND
	03/22/01	0.0508	14.2	ND	ND	--	ND	ND	ND
	10/16/01	0.075	6.96	ND	ND	--	ND	ND	ND
	04/15/02	4.36	0.692	ND	ND	--	ND	ND	ND
	09/13/02	0.080	5.13	ND	ND	--	ND	ND	ND
	04/28/03	ND	2.30	ND	ND	--	ND	ND	ND
	10/27/03	ND	1.66	ND	ND	--	ND	ND	ND
	04/26/04	<0.010	1.75	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/11/04	<0.010	1.59	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.46	<0.001	0.028	--	<0.0002	<0.010	<0.002
	12/19/05	0.0543	1.41	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/17/06	0.0518	1.49	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/10/06	0.0842	1.27	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/31/07	0.0471	1.46	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
	10/21/08	No access due to plant demo work							
MW-12	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	0.47	2.6	ND	ND	--	ND	ND	ND
	03/22/01	0.464	1.42	ND	ND	--	ND	ND	ND
	10/16/01	0.413	2.12	ND	ND	--	ND	ND	ND
	04/15/02	0.587	1.97	ND	ND	--	ND	ND	ND
	09/13/02	0.534	1.12	ND	ND	--	ND	ND	ND
	04/30/03	ND	2.77	ND	ND	--	ND	ND	ND
	10/28/03	0.298	1.53	ND	ND	--	ND	ND	ND
	04/26/04	<0.010	1.77	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/10/06	0.29	0.808	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
MW-13	12/07/98	ND	1.30	ND	ND	--	ND	ND	ND
	08/23/00	ND	1.40	ND	ND	--	ND	ND	ND
	03/22/01	ND	2.34	ND	ND	--	ND	ND	ND
	10/16/01	ND	2.18	ND	ND	--	ND	ND	ND
	04/15/02	ND	2.70	ND	ND	--	ND	ND	ND
	09/13/02	ND	2.29	ND	ND	--	ND	ND	ND
	04/21/03	ND	1.53	ND	ND	--	ND	ND	ND
	10/21/03	ND	1.78	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	2.5	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/03/04	<0.010	2.17	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	3.14	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/30/05	0.0238	0.966	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	0.0266	2.84	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	0.0272	2.81	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/24/07	0.0316	2.99	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	0.022	2.93	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	0.0239	3.62	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0312	2.94	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-14	12/07/98	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	ND	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.0672	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.131	ND	ND	--	ND	ND	ND
	04/21/03	ND	0.089	ND	ND	--	ND	ND	ND
	10/21/03	ND	0.099	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	0.086	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/02/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.086	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/30/05	<0.020	0.0662	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	<0.020	0.0714	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	0.0648	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/24/07	<0.020	0.0654	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/31/07	<0.020	0.0682	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	<0.020	0.0629	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0604	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-15	12/07/98	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	ND	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.0351	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.105	ND	ND	--	ND	ND	ND
	04/21/03	ND	0.079	ND	ND	--	ND	ND	ND
	10/21/03	ND	0.099	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	0.082	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/11/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.068	<0.001	0.022	--	<0.0002	<0.010	<0.002
	11/30/05	<0.020	0.0547	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.100	0.0443	<0.025	<0.015	<0.075	<0.0002	<0.020	<0.025
	05/24/07	<0.020	0.0584	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-16	10/30/07	<0.020	0.0531	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/08	<0.020	0.0527	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/22/08	<0.020	0.0511	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	12/07/98	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	ND	ND	0.16	--	ND	ND	ND
	03/22/01	ND	ND	ND	0.168	--	ND	ND	ND
	10/16/01	ND	0.0327	ND	0.183	--	0.00038	0.0116	ND
	04/15/02	ND	ND	ND	0.172	--	ND	ND	ND
	09/13/02	ND	0.113	ND	0.185	--	ND	ND	ND
	04/21/03	ND	0.065	ND	0.179	--	ND	ND	ND
	10/20/03	ND	0.086	ND	0.187	--	ND	ND	ND
	04/20/04	<0.010	0.067	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/11/04	<0.010	<0.100	<0.005	0.167	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.061	<0.001	0.19	--	<0.0002	<0.010	<0.002
	11/30/05	<0.020	0.0519	<0.005	0.159	<0.020	<0.0002	<0.020	<0.005
MW-17	11/01/06	<0.020	0.0492	<0.005	0.171	<0.015	<0.0002	<0.020	<0.005
	05/24/07	<0.020	0.0519	<0.005	0.166	<0.015	<0.0002	<0.020	<0.005
	10/30/07	<0.020	0.0467	<0.005	0.145	<0.015	<0.0002	<0.020	<0.005
	05/29/08	<0.020	0.0475	<0.005	0.132	<0.015	<0.0002	<0.020	<0.005
	10/22/08	<0.020	0.0442	<0.005	0.155	<0.015	<0.0002	<0.020	<0.002
	12/07/98	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	ND	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	0.0109	--	ND	ND	ND
	10/16/01	ND	0.0175	ND	ND	--	ND	0.0164	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.105	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.070	ND	ND	--	ND	ND	ND
	10/22/03	ND	0.068	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	<0.100	<0.050	<0.100	--	<0.0002	<0.100	<0.125
MW-18	11/03/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.046	<0.001	0.023	--	<0.0002	<0.010	<0.002
	12/01/05	0.0226	0.0452	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/10/06	<0.020	0.0467	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/03/06	<0.020	0.0449	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	<0.002	0.0443	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.0474	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	<0.020	0.0461	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	<0.020	0.0397	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	12/07/98	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	ND	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.0807	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.163	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.185	ND	ND	--	ND	ND	ND
	10/22/03	ND	0.148	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	0.203	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/03/04	<0.010	0.104	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.121	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/01/05	<0.020	0.136	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.117	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/03/06	<0.100	0.114	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/29/07	<0.020	0.102	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.095	<0.005	<0.015	<0.015	0.0004	<0.020	<0.005
	06/02/08	<0.020	0.101	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0733	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-19	08/23/00	0.2	1.8	ND	ND	--	ND	ND	ND
	03/22/01	ND	1.01	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.815	ND	ND	--	ND	ND	ND
	04/15/02	ND	0.737	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.942	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.918	ND	ND	--	ND	ND	ND
	10/22/03	ND	0.751	ND	ND	--	ND	ND	ND
	04/22/04	<0.010	0.827	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	<0.010	0.675	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	11/09/06	0.0257	0.545	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-21	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	04/26/04	<0.010	1.01	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	12/19/05	0.0403	0.674	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	0.0405	0.783	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/01/07	--	--	--	--	--	--	--	--
	11/06/07	0.0516	0.346	<0.005	<0.015	<0.015	0.0004	<0.020	<0.005
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	03/22/01	ND	0.338	ND	ND	--	ND	ND	ND
MW-22	10/16/01	ND	0.548	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.146	ND	ND	--	ND	ND	ND
	04/28/03	ND	0.886	ND	ND	--	ND	ND	ND
	10/24/03	ND	0.495	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	1.00	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/09/04	<0.010	0.371	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.461	<0.001	0.027	--	<0.0002	<0.010	<0.002
	12/02/05	0.0461	0.310	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0361	0.337	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
MW-23	11/06/06	0.026	0.751	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.0359	0.485	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	0.0341	0.329	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	0.0265	0.499	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0347	0.566	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.0449	ND	ND	--	ND	0.0199	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/23/03	ND	0.166	ND	ND	--	ND	ND	ND
MW-24	10/24/03	ND	0.22	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.144	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/09/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	3.1	<0.001	0.021	--	<0.0002	<0.010	<0.002
	12/01/05	0.0678	0.0523	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0666	0.0448	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	0.0517	1.98	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.0501	0.0584	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	0.0391	0.0625	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	0.0529	0.0761	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-24	10/28/08	0.0618	0.0675	<0.005	<0.015	<0.015	<0.0005	0.0218	<0.005
	10/16/01	0.0016	2.19	ND	ND	--	ND	ND	ND
	04/15/02	ND	5.42	ND	ND	--	ND	ND	ND
	09/13/02	ND	5.74	ND	ND	--	ND	ND	ND
	04/28/03	ND	3.66	ND	ND	--	ND	ND	ND
	10/27/03	ND	3.79	ND	ND	--	ND	ND	ND
	04/23/04	<0.010	4.6	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	<0.010	5.6	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.042	<0.001	0.051	--	<0.0002	<0.010	<0.002
	12/19/05	0.0284	4.3	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
MW-24	05/17/06	0.0254	3.77	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0314	3.74	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/31/07	0.0236	3.4	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/06/07	0.0252	3.94	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
	10/30/08	0.0418	4.86	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

Table 1
Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-25	10/16/01	ND	0.407	ND	ND	--	ND	ND	ND
	04/15/02	ND	0.161	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.167	ND	ND	--	ND	ND	ND
	04/28/03	ND	0.328	ND	ND	--	ND	ND	ND
	10/27/03	ND	0.15	ND	ND	--	ND	ND	ND
	04/23/04	<0.010	0.265	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	<0.010	0.166	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.189	<0.001	0.026	--	<0.0002	<0.010	<0.002
	12/14/05	<0.020	0.381	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.0207	0.361	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/10/06	<0.020	0.412	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	0.0372	1.89	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/08	0.0272	1.99	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/16/01	0.0259	0.95	ND	ND	--	ND	ND	ND
MW-26	04/15/02	ND	3.92	ND	ND	--	0.00048	ND	ND
	09/13/02	ND	5.00	ND	0.02	--	ND	ND	ND
	04/30/03	ND	5.26	ND	ND	--	ND	ND	ND
	10/27/03	ND	4.13	ND	ND	--	ND	ND	ND
	04/23/04	<0.010	4.94	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/11/04	<0.010	4.32	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	3.25	<0.001	0.015	--	<0.0002	<0.010	<0.002
	12/14/05	0.0475	3.58	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.0592	4	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/01/07	--	--	--	--	--	--	--	--
	11/05/07	0.0423	1.89	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
	10/30/08	0.0515	2.94	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/16/01	0.129	0.14	ND	ND	--	ND	ND	ND
MW-27	04/15/02	0.174	0.161	ND	ND	--	0.00042	ND	ND
	09/13/02	0.215	0.226	ND	ND	--	0.00033	ND	ND
	04/30/03	ND	0.131	ND	ND	--	0.00058	ND	ND
	10/27/03	0.105	0.147	ND	ND	--	0.00044	ND	ND
	04/23/04	<0.010	0.124	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/11/04	<0.010	0.11	<0.005	<0.010	--	0.00052	<0.050	<0.0125
	05/16/05	<0.010	0.137	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/14/05	0.102	0.149	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.0533	0.139	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/01/07	--	--	--	--	--	--	--	--
	11/05/07	0.0539	0.134	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	10/16/01	0.2	0.294	ND	ND	--	ND	ND	ND
MW-28	04/15/02	0.214	0.25	ND	ND	--	0.00047	ND	ND
	09/13/02	0.240	0.309	ND	ND	--	ND	ND	ND
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
MW-29	11/08/04	<0.010	1.05	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	4.09	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/29/05	<0.020	6.18	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/02/06	<0.020	4.77	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/02/06	<0.020	4.69	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/23/07	<0.020	5.27	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	5.22	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/28/09	<0.020	5.97	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/22/08	<0.020	5.63	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/04	<0.010	6.55	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
MW-30	05/16/05	<0.010	7.71	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/29/05	0.0284	5.43	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/02/06	<0.020	8.28	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.020	9.19	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/23/07	0.0245	8.6	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	7.8	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/28/08	0.0207	8.25	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/22/08	<0.020	9.43	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/08/04	<0.010	2.63	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	7.66	<0.001	<0.010	--	<0.0002	<0.010	<0.002
MW-31	11/30/05	0.0476	5.13	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	0.0365	7.69	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	0.0394	8.36	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/24/07	0.0389	8.44	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/31/07	0.0351	8.03	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	0.0437	9.1	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	0.0477	8.76	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

Table
Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-32	05/03/06	<0.020	1.64	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.100	3.08	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/23/07	0.0256	2.54	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	2.12	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/28/08	<0.020	2.84	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-34	10/27/08	<0.020	2.97	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.002
	05/03/06	<0.020	9.93	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.020	8.29	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/23/07	<0.020	0.103	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	<0.020	0.324	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-1	05/28/08	<0.020	1.49	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	<0.020	1.64	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	08/29/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.0681	ND	ND	--	ND	0.022	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/23/03	ND	0.141	ND	<0.010	--	ND	ND	ND
	10/23/03	ND	0.113	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	0.107	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/03/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.049	<0.001	0.02	--	<0.0002	<0.010	<0.002
	12/01/05	<0.020	0.0606	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/10/06	<0.020	0.0535	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	0.0876	<0.005	0.0161	<0.015	<0.0002	<0.020	<0.005
	05/29/07	<0.020	0.0578	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-2	11/01/07	<0.020	0.0515	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	<0.020	0.0499	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	<0.020	0.0378	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	08/29/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	ND	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.101	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.206	ND	0.01	--	ND	ND	ND
	10/23/03	ND	0.164	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	0.164	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/03/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.08	<0.001	0.014	--	<0.0002	<0.010	<0.002
	12/01/05	0.0221	0.109	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.103	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	0.12	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-3	05/29/07	<0.020	0.0925	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.0828	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	<0.020	0.0915	<0.005	0.0173	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0663	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	08/29/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	0.0169	0.226	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.122	ND	ND	--	ND	ND	ND
	04/28/03	ND	0.333	ND	ND	--	ND	ND	ND
	10/28/03	ND	0.072	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.637	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/09/04	<0.010	0.135	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.042	<0.001	0.042	--	<0.0002	<0.010	<0.002
	05/11/06	<0.020	0.141	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0346	0.278	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.032	0.248	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	0.0297	0.194	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	<0.020	0.379	<0.005	<0.015	<0.015	<0.0002	<0.020	0.0065
	10/29/08	0.0291	0.515	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

Table 1
Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MWD-4	08/29/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	ND	ND	ND	--	ND	ND	ND
	04/15/02	ND	0.430	ND	ND	--	ND	ND	0.0125
	09/13/02	ND	0.722	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.973	ND	ND	--	ND	ND	ND
	10/24/03	ND	1.05	ND	ND	--	ND	ND	ND
	04/22/04	<0.010	1.22	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/05/04	<0.010	0.944	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.983	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/29/05	0.0268	1.01	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/03/06	0.027	1.01	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/02/06	0.0333	0.926	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/01/07	0.0362	0.98	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	0.0325	0.838	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-5	05/28/09	0.0285	0.797	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0329	0.692	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	08/29/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	0.0113	4.44	ND	ND	--	ND	0.155	ND
	04/15/02	0.104	ND	ND	ND	--	ND	ND	ND
	04/30/03	0.051	5.91	ND	ND	--	0.00027	ND	ND
	10/28/03	0.079	4.54	ND	ND	--	0.00037	ND	ND
	04/26/04	<0.010	5.76	<0.005	<0.010	--	0.00036	<0.010	<0.0125
	11/09/04	<0.010	4.06	<0.005	<0.010	--	0.00052	<0.050	<0.0125
	05/16/05	<0.010	3.45	<0.001	0.018	--	0.00021	<0.010	<0.002
	12/13/05	0.119	4.57	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.0852	4.15	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	0.134	3.79	<0.025	<0.075	<0.075	0.00024	<0.020	<0.025
	05/31/07	0.055	3.63	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-6	11/05/07	0.0666	4.19	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0668	5.66	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/08	0.112	4.92	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	08/29/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.961	ND	ND	--	ND	0.0119	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	3.17	ND	ND	--	ND	ND	ND
	04/23/03	ND	3.72	ND	ND	--	ND	ND	ND
	10/23/03	ND	1.58	ND	ND	--	ND	ND	ND
	04/21/04	<0.010	1.81	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/05/04	<0.010	0.266	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.224	<0.001	0.056	--	<0.0002	<0.010	<0.002
	12/13/05	<0.020	0.3	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	<0.020	0.314	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.020	0.543	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-7	05/31/07	<0.020	0.454	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	<0.020	1.01	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	<0.020	0.637	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/08	<0.020	0.711	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	04/15/02	ND	0.608	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.106	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.074	ND	ND	--	ND	ND	ND
	10/22/03	ND	0.052	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	<0.100	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/03/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.032	<0.001	0.013	--	<0.0002	<0.010	<0.002
	12/01/05	<0.020	0.0353	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/10/06	<0.020	0.0386	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/03/06	<0.020	0.0388	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	<0.020	0.0348	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.0362	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	<0.020	0.0368	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	<0.020	0.0283	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MWD-8	04/15/02	ND	0.117	ND	0.0114	--	ND	ND	ND
	09/13/02	ND	0.142	ND	0.0136	--	ND	ND	ND
	04/23/03	ND	0.272	ND	0.013	--	ND	ND	ND
	10/23/03	ND	0.168	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	0.181	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/03/04	<0.010	0.13	<0.005	0.011	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.099	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/01/05	<0.020	0.123	<0.005	0.0195	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.114	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/03/06	<0.100	0.109	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/29/07	<0.020	0.0927	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.101	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-9	06/02/08	<0.020	0.0913	<0.005	0.0171	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0652	<0.005	0.0155	<0.015	<0.0002	<0.020	<0.005
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/25/03	ND	0.178	ND	ND	--	ND	ND	ND
	10/28/03	ND	0.05	ND	ND	--	ND	ND	ND
	04/22/04	<1.00	<1.00	<0.500	<1.00	--	<0.0002	<1.00	<1.25
	11/09/04	<0.010	<0.100	<0.005	<0.010	--	0.00021	<0.050	<0.0125
	05/16/05	<0.010	0.364	<0.001	0.051	--	<0.0002	<0.010	<0.002
	05/11/06	<0.020	0.0705	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/30/07	0.0323	0.0789	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	0.106	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-10	06/05/08	<0.020	0.086	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0601	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	04/15/02	0.0558	0.436	ND	ND	--	ND	ND	ND
	09/13/02	0.0649	0.678	ND	ND	--	ND	ND	ND
	04/23/03	ND	1.38	ND	ND	--	ND	ND	ND
	10/24/03	ND	1.3	ND	ND	--	ND	ND	ND
	04/23/04	<0.100	1.24	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/09/04	<0.010	0.899	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.822	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/02/05	0.0785	0.961	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0593	0.757	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0854	1.11	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-11	05/30/07	0.0983	0.507	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0764	0.612	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0743	0.618	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0711	0.575	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.133	ND	ND	--	ND	ND	ND
	10/21/03	ND	0.104	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	0.109	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/03/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.06	<0.001	0.04	--	<0.0002	<0.010	<0.002
	12/01/05	<0.020	0.105	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
MWD-12	05/05/06	<0.020	0.0912	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	0.0485	1.21	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	<0.020	0.0894	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/31/07	<0.020	0.102	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	<0.020	<0.102	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0791	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	04/15/02	ND	0.478	ND	ND	--	ND	ND	ND
	09/13/02	0.0602	0.963	ND	ND	--	ND	ND	ND
	04/24/03	ND	1.35	ND	ND	--	ND	ND	ND
	10/23/03	ND	0.897	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.759	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	0.457	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.549	<0.001	0.043	--	<0.0002	<0.010	<0.002

Table 1
Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MWD-13	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.186	ND	0.018	--	ND	ND	ND
	10/24/03	ND	0.181	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.116	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.037	<0.001	0.028	--	<0.0002	<0.010	<0.002
	11/29/05	0.0337	0.0506	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/03/06	0.0324	0.0524	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/02/06	<0.100	0.0367	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/23/07	0.0255	0.0538	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	0.0304	0.0355	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-14	05/29/08	0.0393	0.043	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0319	0.0277	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	04/15/02	ND	0.163	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.243	ND	ND	--	ND	ND	ND
	04/25/03	ND	0.539	ND	ND	--	ND	ND	ND
	10/24/03	ND	0.402	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.344	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/09/04	<0.010	0.173	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.193	<0.001	0.017	--	<0.0002	<0.010	<0.002
	12/02/05	0.0507	0.253	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0426	0.17	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	0.0566	0.142	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-15	05/30/07	0.064	0.148	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0421	0.215	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0536	0.163	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	0.0541	0.170	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	01/11/05	<0.010	0.186	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.655	<0.001	0.017	--	<0.0002	<0.010	<0.002
	12/02/05	0.057	0.883	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0253	1.5	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	2.3	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.056	0.755	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0585	0.641	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	0.0563	0.619	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-16	10/28/08	0.0632	0.395	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/08/04	<0.010	0.337	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.01	<0.001	0.014	--	<0.0002	<0.010	<0.002
	12/02/05	0.032	1.24	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.034	1.28	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	0.0227	1.43	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.0287	1.41	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0291	1.21	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0369	1.01	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0337	0.869	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/08/04	<0.010	0.248	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.586	0.013	0.246	--	<0.0002	<0.010	<0.002
MWD-17	12/02/05	0.0395	1.57	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	<0.020	0.604	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	0.0424	0.541	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.0759	0.294	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	0.0716	0.287	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	0.107	0.341	<0.005	<0.015	<0.015	<0.0002	<0.020	0.0052
	10/28/08	0.218	0.237	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	04/15/02	ND	2.66	ND	ND	--	ND	ND	ND
	05/05/06	<0.020	0.354	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	<0.020	0.458	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	<0.020	0.388	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	0.459	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
RW-6	06/05/08	<0.020	0.627	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/08	<0.020	0.52	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.211	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	<0.020	0.0703	<0.005	0.0158	<0.015	0.00021	<0.020	<0.005
	05/30/07	<0.020	0.0588	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	0.0568	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
RW-7	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/30/08	<0.020	0.0631	<0.005	<0.015	<0.015	<0.0002	<0.020	0.0059

Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
RW-8	05/05/06	0.0225	0.236	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	0.0209	0.253	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	0.049	0.104	<0.005	0.484	<0.015	<0.0002	<0.020	<0.005
	11/29/07	0.0223	0.35	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	<0.020	0.341	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
TMW-1	10/30/08	0.0209	0.353	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	12/07/95	0.0223	0.346	ND	ND	--	ND	0.014	ND
	06/06/96	0.3243	0.0519	ND	ND	--	ND	ND	ND
	06/02/97	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.58	ND	ND	--	ND	ND	ND
	03/22/01	ND	0.645	ND	ND	--	ND	ND	ND
	10/16/01	0.0282	0.626	ND	ND	--	ND	ND	ND
	04/15/02	ND	0.624	ND	ND	--	ND	ND	ND
	09/13/02	0.0562	0.998	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.918	ND	ND	--	ND	ND	ND
	10/22/03	ND	1.01	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	1.17	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	<0.010	1.19	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.34	0.008	0.112	--	<0.0002	<0.010	<0.002
	12/01/05	0.0417	1.51	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	0.049	1.36	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	<0.005	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	0.0477	1.36	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/31/07	0.0502	1.45	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	0.0414	1.20	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	0.0462	1.10	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
TMW-2	12/07/95	0.0268	0.807	0.01	ND	--	ND	0.009	ND
	06/06/96	0.031	2.08	ND	ND	--	ND	ND	ND
	06/02/97	ND	3.0	ND	ND	--	ND	ND	ND
	03/22/01	ND	4.66	ND	ND	--	ND	ND	ND
	10/16/01	0.0231	5.76	ND	0.0155	--	ND	ND	ND
	12/19/05	0.0521	2.38	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
TMW-3	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	12/07/95	0.0293	1.14	ND	0.0251	--	0.0002	0.016	ND
	06/06/96	0.0464	1.77	ND	0.0213	--	ND	ND	ND
	06/02/97	ND	1.0	ND	ND	--	ND	ND	ND
	08/23/00	ND	2.6	ND	ND	--	ND	ND	ND
	03/22/01	ND	2.13	ND	ND	--	ND	ND	ND
	10/16/01	0.0167	2.46	ND	ND	--	ND	ND	ND
	04/15/02	ND	1.84	ND	ND	--	ND	ND	ND
	09/13/02	0.0555	1.33	ND	ND	--	ND	ND	ND
	04/28/03	ND	3.31	ND	ND	--	ND	ND	ND
	10/27/03	0.031	2.83	ND	ND	--	ND	ND	ND
	04/23/04	<0.010	3.41	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	<0.010	2.33	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	2.23	0.008	0.072	--	<0.0002	<0.010	<0.002
	12/06/05	0.0526	1.24	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0405	1.18	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0728	1.73	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	No access due to plant demo work							
	10/29/08	0.0627	2.06	<0.015	<0.015	<0.015	<0.0002	<0.020	<0.005
TMW-5	12/07/95	0.0783	0.456	ND	ND	--	ND	ND	ND
	06/06/96	0.0716	1.04	ND	ND	--	ND	ND	ND
	06/02/97	ND	0.9	ND	ND	--	ND	ND	ND
	08/23/00	0.05	1.1	ND	ND	--	ND	ND	ND
	12/19/05	0.0859	0.917	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0736	0.849	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/31/07	0.0755	0.644	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/07	0.0562	0.626	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	6/4/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	10/29/08	0.0727	0.487	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.020

Table
Historical Groundwater Analytical Data - RCRA Metals
Eunice South Gas Plant
Eunice, New Mexico

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMW-6	12/07/95	0.323	1.36	ND	0.0316	--	ND	0.003	ND
	06/06/96	0.0693	1.72	ND	ND	--	ND	ND	ND
	06/02/97	ND	1.3	ND	ND	--	ND	ND	ND
	08/23/00	0.13	2.6	ND	ND	--	ND	ND	ND
	03/22/01	0.143	1.9	ND	ND	--	ND	ND	ND
	10/16/01	0.131	1.98	ND	ND	--	ND	ND	ND
	04/15/02	0.123	1.61	ND	ND	--	ND	ND	ND
	09/13/02	0.126	1.40	ND	ND	--	ND	ND	ND
	04/28/03	0.124	2.51	ND	ND	--	ND	ND	ND
	10/27/03	0.173	1.53	ND	ND	--	ND	ND	ND
	04/23/04	<0.010	1.9	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	0.124	1.45	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.63	0.007	0.09	--	<0.0002	<0.010	<0.002
	12/13/05	0.105	1.61	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.115	1.4	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-1	11/09/06	0.0978	1.25	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0663	0.973	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0757	0.863	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	09/10/96	ND	0.97	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.6	ND	ND	--	ND	ND	1.4
WW-2	08/23/00	ND	1.1	ND	ND	--	ND	ND	ND
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	0.49	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.6	ND	ND	--	ND	ND	ND
WW-3	11/29/05	<0.020	0.367	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/02/06	<0.020	0.166	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	2	ND	ND	--	ND	ND	ND
WW-4	05/28/97	ND	0.8	ND	ND	--	ND	ND	ND
	08/23/00	ND	1.3	ND	ND	--	ND	ND	ND
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	ND	ND	ND	--	ND	ND	ND
WW-5	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
	11/30/05	<0.020	0.108	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	0.0346	0.281	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
WW-6	09/10/96	ND	ND	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.3	ND	ND	--	ND	ND	ND
	08/23/00	ND	2.7	ND	ND	--	ND	ND	ND
	11/30/05	<0.020	2.64	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	<0.020	0.139	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-7	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	05/28/97	ND	0.3	ND	ND	--	ND	ND	ND
	11/30/05	<0.020	0.0942	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	0.0263	0.3	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005

NOTES:

mg/L = milligrams per liter.

Bold = indicates an exceedance of the regulatory standard.

NM WQCC Standard = New Mexico Water Quality Control Commission Human Health Standard.

ND = Not detected above reporting limit. More recent samples not detected above reporting limits are denoted with <.

Pumping = monitor wells were not sampled due to pumping.

PSH = monitor wells were not sampled due to Phase-Separated Hydrocarbons (PSH) in the wells.

-- = Not provided in historical data, or not sampled during recent sampling event.

Appendix C

Certified Laboratory Analytical Results & Data Quality Assessment Memorandums



Memorandum

To: Mike Wisniowiecki; Claudia Ramos

Ref. No.: 055271

From: Chris G. Knight/eew/5-NF *CK*

Date: October 26, 2015

**Re: Analytical Results and Reduced Validation
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015**

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the semiannual groundwater monitoring event at the South Eunice Gas Plant site during February 2015. Samples were submitted to Eurofins Lancaster Laboratories Environmental, located in Lancaster, Pennsylvania. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS).

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

"USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review",
United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999

"USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review",
USEPA 540/R-94-013, February 1994

Items i) and ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation with the following exceptions (see Table 4):

- i) Two method blanks yielded detected cadmium results for metals analysis. The associated sample results with comparable concentrations to the method blanks were qualified as non-detect

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits with the following exception (see Table 5):

- i) One VOC was reported with an elevated recovery but was not assessed due to a dilution of >5 times. No further action was required.
- ii) One VOC was reported with an elevated surrogate recovery. Associated detected sample results were qualified as estimated.

5. Laboratory Control Sample Analyses

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

5.1 Organic Analyses

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

5.2 Inorganic Analyses

The LCS/LCSD contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries and RPDs were within the control limits, demonstrating acceptable analytical accuracy and precision.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the distillation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

6.1 Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. The laboratory performed MS/MSD on non-site samples, the analysis of non-site spike samples cannot be used to assess accuracy and precision for the site samples.

6.2 Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision.

The laboratory performed additional MS/MSD on non-site samples, the analysis of non-site spike samples cannot be used to assess accuracy and precision for the site samples.

7. Duplicate Sample Analyses – Inorganic Analyses

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory as specified in Table 1. The duplicate results were evaluated per the "Guidelines". All RPD values were within the control limits, demonstrating acceptable analytical precision.

8. Field QA/QC Samples

The field QA/QC consisted of five trip blank samples, and four field duplicate sample sets.

8.1 Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, five trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

8.2 Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, four field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is one times the PQL value for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are with the specific qualifications noted herein.

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>				Comments
					Chloride	TDS	Dissolved Metals	VOCs	
MW-7-020315	MW-7	Water	02/03/2015	10:00	X	X	X	X	
MW-D-4-020315	MWD-4	Water	02/03/2015	11:00	X	X	X	X	
MW-3-020315	MW-3	Water	02/03/2015	12:40	X	X	X	X	
MW-13-020315	MW-13	Water	02/03/2015	14:00	X	X	X	X	MS-P
MW-14-020315	MW-14	Water	02/03/2015	15:00	X	X	X	X	
MW-31-020315	MW-31	Water	02/03/2015	16:05	X	X	X	X	
MW-23-020315	MW-23	Water	02/03/2015	17:35	X	X	X	X	
Trip Blank	-	Water	02/03/2015	-				X	Trip Blank
MW-18-020415	MW-18	Water	02/04/2015	10:10	X	X	X	X	
MW-D-8-020415	MWD-8	Water	02/04/2015	11:05	X	X	X	X	MS/MSD-P; DUP
DUP-1-020415	MWD-8	Water	02/04/2015	11:05	X	X	X	X	Field duplicate of MWD-8
MW-D-2-020415	MWD-2	Water	02/04/2015	12:20	X	X	X	X	
MW-4-020415	MW-4	Water	02/04/2015	13:45	X	X	X	X	
MW-D-15-020415	MWD-15	Water	02/04/2015	15:10	X	X	X	X	
RW-8-020515	RW-8	Water	02/05/2015	09:10	X	X	X	X	
MW-D-13-020515	MWD-13	Water	02/05/2015	10:30	X	X	X	X	
MW-6-020515	MW-6	Water	02/05/2015	11:15	X	X	X	X	
TMW-1-020515	TMW-1	Water	02/05/2015	13:10	X	X	X	X	
MWD-11-020515	MWD-11	Water	02/05/2015	13:40	X	X	X	X	
MW-8-020515	MW-8	Water	02/05/2015	14:55	X	X	X	X	
Trip Blank	-	Water	02/05/2015	-				X	Trip Blank
MW-D-1-020615	MWD-1	Water	02/06/2015	09:10	X	X	X	X	
MW-D-9-020615	MWD-9	Water	02/06/2015	09:20	X	X			
MW-D-3-020615	MWD-3	Water	02/06/2015	09:30	X	X			
MW-22-020615	MW-22	Water	02/06/2015	10:35	X	X	X	X	
MW-17-020615	MW-17	Water	02/06/2015	13:00	X	X	X	X	
MW-D-7-020615	MWD-7	Water	02/06/2015	14:15	X	X	X	X	
DUP-2-020615	MWD-7	Water	02/06/2015	14:15	X	X	X	X	Field duplicate of MWD-7
Trip Blank	-	Water	02/06/2015	-				X	Trip Blank
MW-D-12-020915	MWD-12	Water	02/09/2015	10:10	X	X	X	X	
MW-32-020915	MW-32	Water	02/09/2015	10:55	X	X	X	X	
DUP-3-020915	MW-32	Water	02/09/2015	10:55	X	X	X	X	Field duplicate of MW-32
MW-D-5-020915	MWD-5	Water	02/09/2015	11:45	X	X	X	X	
MW-D-6-020915	MWD-6	Water	02/09/2015	12:55	X	X	X	X	

Table 1

Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>				Comments
					Chloride	TDS	Dissolved Metals	VOCs	
MW-29-020915	MW-29	Water	02/09/2015	13:45	X	X	X	X	
MW-9-020915	MW-9	Water	02/09/2015	15:00	X	X	X	X	
MW-15-021015	MW-15	Water	02/10/2015	08:40	X	X	X	X	
MW-16-021015	MW-16	Water	02/10/2015	09:50	X	X	X	X	
MW-34-021015	MW-34	Water	02/10/2015	10:45	X	X	X	X	
MW-30-021015	MW-30	Water	02/10/2015	13:00	X	X	X	X	
RW-7-021015	RW-7	Water	02/10/2015	13:50	X	X	X	X	
RW-6-021015	RW-6	Water	02/10/2015	14:45	X	X	X	X	
MW-D-17-021015	MWD-17	Water	02/10/2015	15:40	X	X	X	X	MS/MSD-P; DUP Trip Blank
Trip Blank	-	Water	02/10/2015	-				X	
MW-D-14-021115	MWD-14	Water	02/11/2015	08:50	X	X	X	X	
MW-26-021115	MW-26	Water	02/11/2015	09:55	X	X	X	X	
TMW-6-021115	TMW-6	Water	02/11/2015	10:45	X	X	X	X	
TMW-3-021115	TMW-3	Water	02/11/2015	11:30	X	X	X	X	
MW-25-021115	MW-25	Water	02/11/2015	13:30	X	X	X	X	
DUP-4-021115	MW-25	Water	02/11/2015	13:30	X	X	X	X	Field duplicate of MW-25
MW-24-021115	MW-24	Water	02/11/2015	14:25	X	X	X	X	
MW-11-021115	MW-11	Water	02/11/2015	15:40	X	X	X	X	
Trip Blank	-	Water	02/11/2015	-				X	Trip Blank

Notes:

TDS	- Total Dissolved Solids
VOCs	- Volatile Organic Compounds
MS-P	- Matrix Spike (partial parameters)
MS/MSD-P	- Matrix Spike/Matrix Spike Duplicate (partial parameters)
DUP	- Laboratory Duplicate

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		MW-3 MW-3-020315 02/03/2015	MW-4 MW-4-020415 02/04/2015	MW-6 MW-6-020515 02/05/2015	MW-7 MW-7-020315 02/03/2015	MW-8 MW-8-020515 02/05/2015	MW-9 MW-9-020915 02/09/2015
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	<1.0	<1.0	<1.0	<1.0	<1.0	8.1
Ethylbenzene	µg/L	<1.0	<1.0	<1.0	<1.0	0.6 J	0.2 J
Toluene	µg/L	<1.0	<1.0	<1.0	<1.0	0.2 J	0.3 J
Xylenes (total)	µg/L	<1.0	<1.0	<1.0	<1.0	1.3	<1.0
Metals							
Arsenic (dissolved)	mg/L	0.0126 J	0.0093 J	0.0257	<0.0200	0.0154 J	0.0136 J
Barium (dissolved)	mg/L	0.0547	0.0758	0.0569	0.0526	0.0546	2.86
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium (dissolved)	mg/L	0.0019 J	0.0023 J	0.0022 J	0.0014 J	0.0014 J	<0.0150
Lead (dissolved)	mg/L	<0.0150	<0.0150	0.0064 J	<0.0150	<0.0150	0.0104 J
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Selenium (dissolved)	mg/L	0.0075 J	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
General Chemistry							
Chloride	mg/L	68.5	2490	825	49.3	1630	576
Total dissolved solids (TDS)	mg/L	667	4650	3450	1150	4000	1640

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		MW-11 MW-11-021115 02/11/2015	MW-13 MW-13-020315 02/03/2015	MW-14 MW-14-020315 02/03/2015	MW-15 MW-15-021015 02/10/2015	MW-16 MW-16-021015 02/10/2015	MW-17 MW-17-020615 02/06/2015
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	16000	<1.0	<1.0	1.5	<1.0	<1.0
Ethylbenzene	µg/L	26 J	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	µg/L	25 J	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes (total)	µg/L	160	<1.0	<1.0	<1.0	<1.0	<1.0
Metals							
Arsenic (dissolved)	mg/L	0.0077 J	0.0120 J	<0.0200	0.0169 J	0.0169 J	0.0109 J
Barium (dissolved)	mg/L	0.909	0.124	0.0637	0.0471	0.0409	0.130
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium (dissolved)	mg/L	<0.0150	0.0017 J	0.0014 J	0.0025 J	0.104	0.0022 J
Lead (dissolved)	mg/L	<0.0150	<0.0150	<0.0150	0.0077 J	0.0095 J	<0.0150
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Selenium (dissolved)	mg/L	<0.0200	<0.0200	<0.0200	0.0095 J	0.0165 J	<0.0200
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
General Chemistry							
Chloride	mg/L	144	366	504	1150	1390	2050
Total dissolved solids (TDS)	mg/L	696	828	1260	2160	2760	2890

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		MW-18 MW-18-020415 02/04/2015	MW-22 MW-22-020615 02/06/2015	MW-23 MW-23-020315 02/03/2015	MW-24 MW-24-021115 02/11/2015	MW-25 MW-25-021115 02/11/2015	MW-25 DUP-4-021115 02/11/2015 Duplicate
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	<1.0	18000	<1.0	19000	2700	2900
Ethylbenzene	µg/L	<1.0	200	<1.0	1100	160	170
Toluene	µg/L	<1.0	7.9 J	<1.0	40	<20	<20
Xylenes (total)	µg/L	<1.0	51	<1.0	380	<20	22
Metals							
Arsenic (dissolved)	mg/L	0.0191 J	0.0194 J	0.0154 J	0.0198 J	0.0077 J	0.0078 J
Barium (dissolved)	mg/L	0.0631	0.574	0.0492	3.09	1.74	1.70
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium (dissolved)	mg/L	0.0014 J	0.0019 J	0.0021 J	0.0025 J	0.0020 J	<0.0150
Lead (dissolved)	mg/L	<0.0150	<0.0150	<0.0150	<0.0150	<0.0150	<0.0150
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Selenium (dissolved)	mg/L	0.0086 J	<0.0200	0.0241	<0.0200	<0.0200	<0.0200
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
General Chemistry							
Chloride	mg/L	401	3060	6740	305	2510	2260
Total dissolved solids (TDS)	mg/L	1080	3720	10500	1160	5020	4870

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		MW-26 MW-26-021115 02/11/2015	MW-29 MW-29-020915 02/09/2015	MW-30 MW-30-021015 02/10/2015	MW-31 MW-31-020315 02/03/2015	MW-32 MW-32-020915 02/09/2015	MW-32 DUP-3-020915 02/09/2015 Duplicate
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	1200	240 J	0.5 J	0.5 J	3700	3500
Ethylbenzene	µg/L	51	27 J	<1.0	<1.0	6.4 J	5.8 J
Toluene	µg/L	3.5 J	<1.0	<1.0	<1.0	15 J	16
Xylenes (total)	µg/L	14	3.5 J	<1.0	<1.0	85	87
Metals							
Arsenic (dissolved)	mg/L	0.0304	<0.0200	0.0297	0.0277	0.0277	0.0206
Barium (dissolved)	mg/L	4.08	4.55	0.594	1.34	1.99	1.84
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium (dissolved)	mg/L	<0.0150	<0.0150	0.0017 J	<0.0150	<0.0150	<0.0150
Lead (dissolved)	mg/L	<0.0150	0.0084 J	0.0095 J	<0.0150	0.0086 J	0.0087 J
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Selenium (dissolved)	mg/L	0.0078 J	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
General Chemistry							
Chloride	mg/L	320	135	312	476	1360	1400
Total dissolved solids (TDS)	mg/L	1200	850	1120	1110	2550	2490

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		MW-34 MW-34-021015 02/10/2015	MWD-1 MW-D-1-020615 02/06/2015	MWD-2 MW-D-2-020415 02/04/2015	MWD-3 MW-D-3-020615 02/06/2015	MWD-4 MW-D-4-020315 02/03/2015	MWD-5 MW-D-5-020915 02/09/2015
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	870	<1.0	<1.0	--	<1.0	5800
Ethylbenzene	µg/L	3.0 J	<1.0	<1.0	--	<1.0	95
Toluene	µg/L	<5.0	<1.0	<1.0	--	<1.0	7.7 J
Xylenes (total)	µg/L	<5.0	<1.0	<1.0	--	<1.0	120
Metals							
Arsenic (dissolved)	mg/L	<0.0200	0.0513	<0.0200	--	<0.0200	0.0204
Barium (dissolved)	mg/L	3.75	0.0484	0.0642	--	0.0668	5.05
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050
Chromium (dissolved)	mg/L	<0.0150	0.0088 J	0.0018 J	--	0.0017 J	<0.0150
Lead (dissolved)	mg/L	0.0120 J	<0.0150	<0.0150	--	<0.0150	0.0124 J
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	--	<0.00020	<0.00020
Selenium (dissolved)	mg/L	<0.0200	<0.0200	0.0134 J	--	0.0814	0.0051 J
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	--	<0.0050	<0.0050
General Chemistry							
Chloride	mg/L	269	908	1900	38500	52.7	603
Total dissolved solids (TDS)	mg/L	1330	2000	4250	58600	916	1690

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		MWD-6 MW-D-6-020915 02/09/2015	MWD-7 MW-D-7-020615 02/06/2015	MWD-7 DUP-2-020615 02/06/2015 Duplicate	MWD-8 MW-D-8-020415 02/04/2015	MWD-8 DUP-1-020415 02/04/2015 Duplicate	MWD-9 MW-D-9-020615 02/06/2015
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	12	<1.0	<1.0	<1.0	<1.0	--
Ethylbenzene	µg/L	17	<1.0	<1.0	<1.0	<1.0	--
Toluene	µg/L	0.3 J	<1.0	<1.0	<1.0	<1.0	--
Xylenes (total)	µg/L	<1.3	<1.0	<1.0	<1.0	<1.0	--
Metals							
Arsenic (dissolved)	mg/L	<0.0200	0.0159 J	0.0131 J	0.0121 J	0.0164 J	--
Barium (dissolved)	mg/L	0.686	0.0395	0.0387	0.0562	0.0629	--
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
Chromium (dissolved)	mg/L	<0.0150	0.0032 J	0.0025 J	0.0016 J	0.0020 J	--
Lead (dissolved)	mg/L	0.0115 J	<0.0150	<0.0150	<0.0150	<0.0150	--
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	--
Selenium (dissolved)	mg/L	<0.0200	<0.0200	<0.0200	<0.0200	0.0107 J	--
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	--
General Chemistry							
Chloride	mg/L	260	5240	5170	571	416	19600
Total dissolved solids (TDS)	mg/L	1300	7560	9080	1260	1080	29400

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		MWD-11 MWD-11-020515 02/05/2015	MWD-12 MW-D-12-020915 02/09/2015	MWD-13 MW-D-13-020515 02/05/2015	MWD-14 MW-D-14-021115 02/11/2015	MWD-15 MW-D-15-020415 02/04/2015	MWD-17 MW-D-17-021015 02/10/2015
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	<1.0	5.8	<1.0	1300	12	260
Ethylbenzene	µg/L	<1.0	9.5	<1.0	210	19	9.9
Toluene	µg/L	<1.0	<1.0	<1.0	<10	<1.0	0.2 J
Xylenes (total)	µg/L	<1.0	3.8	<1.0	41	35	<5.0
Metals							
Arsenic (dissolved)	mg/L	0.0183 J	0.0362	0.0702	0.0077 J	0.0312	0.0698
Barium (dissolved)	mg/L	0.0498	0.187	0.0693	1.16	1.68	1.11
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium (dissolved)	mg/L	0.0024 J	<0.0150	0.0024 J	0.0015 J	0.0014 J	<0.0150
Lead (dissolved)	mg/L	<0.0150	0.0065 J	0.0059 J	<0.0150	<0.0150	0.0062 J
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Selenium (dissolved)	mg/L	0.0079 J	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
General Chemistry							
Chloride	mg/L	89.6	667	1250	3910	1720	6480
Total dissolved solids (TDS)	mg/L	672	2410	3930	6880	4000	8230

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Location ID: Sample Name: Sample Date:		RW-6 RW-6-021015 02/10/2015	RW-7 RW-7-021015 02/10/2015	RW-8 RW-8-020515 02/05/2015	TMW-1 TMW-1-020515 02/05/2015	TMW-3 TMW-3-021115 02/11/2015	TMW-6 TMW-6-021115 02/11/2015
Parameters	Unit						
Volatile Organic Compounds							
Benzene	µg/L	<31	0.2 J	<1.0	14	34	2600
Ethylbenzene	µg/L	40	<1.0	<1.0	0.4 J	1.8	6.5 J
Toluene	µg/L	0.5 J	<1.0	<1.0	<1.0	0.4 J	<20
Xylenes (total)	µg/L	35	<1.0	1.6	1.8	<3.0	23
Metals							
Arsenic (dissolved)	mg/L	<0.0200	0.0172 J	0.0391	0.0117 J	0.0222	0.0386
Barium (dissolved)	mg/L	1.05	0.121	0.0476	1.40	6.35	1.04
Cadmium (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Chromium (dissolved)	mg/L	<0.0150	0.0024 J	0.0014 J	0.0017 J	<0.0150	0.0016 J
Lead (dissolved)	mg/L	0.0146 J	0.0065 J	<0.0150	0.0061 J	<0.0150	<0.0150
Mercury (dissolved)	mg/L	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Selenium (dissolved)	mg/L	<0.0200	0.0161 J	<0.0200	<0.0200	<0.0200	<0.0200
Silver (dissolved)	mg/L	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
General Chemistry							
Chloride	mg/L	1020	3750	1420	833	360	411
Total dissolved solids (TDS)	mg/L	2240	5510	2860	1710	1020	1380

Notes:

-- Not analyzed

J - Estimated concentration

< - Not detected at the associated reporting limit

Table 3

**Analytical Methods and Holding Time Criteria
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015**

Parameter	Method	Matrix	Collection to Analysis (Days)
Chloride	EPA 300.0	Water	28
TDS	SM 2540	Water	7
Dissolved Metals	SW-846 6010B	Water	180
	SW-846 7470A		28
VOCs	SW-846 821B	Water	14

Notes:

- EPA - Environmental Protection Agency
 SM - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992,
 with subsequent revisions
 SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846,
 Third Edition, 1986, with subsequent revisions
 TDS - Total Dissolved Solids
 VOCs - Volatile Organic Compounds

Table 4

Qualified Sample Results Due to Analyte Concentrations in the Method Blanks
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015

Parameter	Analyte	Analysis Date	Blank Result	Sample ID	Original Result	Qualified Result	Units
Metals	Cadmium (dissolved)	2/12/2015	0.00041 J	DUP-1-020415	0.00091 J	<0.00091	mg/L
				MW-18-020415	0.00097 J	<0.00097	mg/L
				MW-6-020515	0.00049 J	<0.00049	mg/L
				MW-8-020515	0.00046 J	<0.00046	mg/L
				MW-D-1-020615	0.00065 J	<0.00065	mg/L
				MWD-11-020515	0.00056 J	<0.00056	mg/L
				MW-D-15-020415	0.00051 J	<0.00051	mg/L
				MW-D-2-020415	0.00086 J	<0.00086	mg/L
				MW-D-8-020415	0.00079 J	<0.00079	mg/L
				RW-8-020515	0.00039 J	<0.00039	mg/L
				TMW-1-020515	0.00034 J	<0.00034	mg/L
Metals	Cadmium (dissolved)	2/26/2015	0.00086 J	MW-11-021115	0.00092 J	<0.00092	mg/L

Notes:

J - Estimated concentration

Table 5

**Qualified Sample Data Due to Outlying of Surrogate Recoveries
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
February 2015**

Parameter	Sample ID	Surrogate	Surrogate Recovery (percent)	Control Limits (percent)	Analyte	Qualified Result	Units
VOCs	MW-29-020915	Trifluorotoluene-P	168	51-120	Benzene	240 J	µg/L
					Ethylbenzene	27 J	µg/L
					Xylenes (total)	3.5 J	µg/L

Notes:

VOCs - Volatile Organic Compounds

J - Estimated concentration



Memorandum

To: Mike Wisniowiecki

Ref. No.: 055271

From: Claudia Ramsey/cm/6-HOU

OR

Date: January 29, 2016

**Re: Analytical Results and Reduced Validation
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
August 2015**

1. Introduction

This document details a reduced validation of analytical results for groundwater samples collected in support of the semiannual groundwater monitoring event at the South Eunice Gas Plant site during August 2015. Samples were submitted to Eurofins Lancaster Laboratories Environmental, located in Lancaster, Pennsylvania. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard GHD report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes/laboratory control samples (LCS)/matrix spikes (MS).

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

- i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999
- ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994

Items i) and ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

2. Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

3. Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation with the following exceptions (see Table 4):

- i. One method blank yielded detected cadmium results for metals analysis. The associated sample results with comparable concentrations to the method blanks were qualified as non-detect
- ii. Low level concentrations of barium were detected in the method blanks reflecting potential laboratory contamination. All associated sample results were significantly higher than the method blank concentrations and were reported without qualification.

4. Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits with the following exception (see Table 5):

- i. Several VOC samples were reported with elevated recoveries. Associated detected sample results were qualified as estimated.

5. Laboratory Control Sample Analyses

LCS and/or laboratory control sample duplicates (LCSD) are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects. The relative percent difference (RPD) of the LCS/LCSD recoveries is used to evaluate analytical precision.

For this study, LCS/LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

5.1 Organic Analyses

The LCS/LCSD contained all compounds of interest. All LCS recoveries and RPDs were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

5.2 Inorganic Analyses

The LCS/LCSD contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries and RPDs were within the control limits, demonstrating acceptable analytical accuracy and precision.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the distillation process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The RPD between the MS and MSD is used to assess analytical precision.

MS/MSD analyses were performed as specified in Table 1.

6.1 Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. The laboratory performed MS/MSD on non-site samples, the analysis of non-site spike samples cannot be used to assess accuracy and precision for the site samples.

6.2 Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision, with the following exception (see Table 6):

- i. Low percent recovery values were reported for chloride. Associated sample results were qualified as estimated.

The laboratory performed additional MS/MSD on non-site samples, the analysis of non-site spike samples cannot be used to assess accuracy and precision for the site samples.

7. Duplicate Sample Analyses – Inorganic Analyses

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, duplicate samples were prepared and analyzed by the laboratory as specified in Table 1. The duplicate results were evaluated per the "Guidelines". All RPD values were within the control limits, demonstrating acceptable analytical precision, with the following exceptions (see Table 7):

- i. High RPD values were reported for total dissolved solids (TDS). Positive results were qualified as estimated. Non-detect results were not impacted by the indicated variability.

- ii. High RPD values were reported for dissolved arsenic and dissolved chromium. Positive results were qualified as estimated. Non-detect results were not impacted by the indicated variability.

8. Field QA/QC Samples

The field QA/QC consisted of five trip blank samples, and four field duplicate sample sets.

8.1 Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, five trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest.

8.2 Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, four field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 for water samples. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criterion is one times the PQL value for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision, with the following exceptions (see Table 8):

- i. The xylene results for sample MWD-15-081115 and its field duplicate did show some variability. The original and duplicate sample results were qualified as estimated.
- ii. The TDS results for sample MWD-9-081115 and its field duplicate did show some variability. The original and duplicate sample results were qualified as estimated.

9. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are with the specific qualifications noted herein.

Table 1

**Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
August 2015**

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	<u>Analysis/Parameters</u>				Comments
					Chloride	TDS	Dissolved Metals	VOCs	
MW-34-080415	MW-34	Water	08/04/2015	14:40	X	X	X	X	
MWD-6-080415	MWD-6	Water	08/04/2015	15:30	X	X	X	X	MS/MSD & DUP
MW-9-080415	MW-9	Water	08/04/2015	16:50	X	X	X	X	
MW-30-080515	MW-30	Water	08/05/2015	08:10	X	X	X	X	
MW-29-080515	MW-29	Water	08/05/2015	09:10	X	X	X	X	
MWD-5-080515	MWD-5	Water	08/05/2015	10:15	X	X	X	X	
MW-32-080515	MW-32	Water	08/05/2015	11:15	X	X	X	X	MS/MSD & DUP
MW-8-080515	MW-8	Water	08/05/2015	13:30	X	X	X	X	
MWD-12-080515	MWD-12	Water	08/05/2015	14:50	X	X	X	X	
MWD-14-080515	MWD-14	Water	08/05/2015	16:00	X	X	X	X	
MW-13-080615	MW-13	Water	08/06/2015	08:30	X	X	X	X	MS & DUP
MW-31-080615	MW-31	Water	08/06/2015	09:20	X	X	X	X	
MW-14-080615	MW-14	Water	08/06/2015	10:05	X	X	X	X	
MW-3-080615	MW-3	Water	08/06/2015	11:00	X	X	X	X	
MWD-8-080615	MWD-8	Water	08/06/2015	12:35	X	X	X	X	MS & DUP
MW-18-080615	MW-18	Water	08/06/2015	13:30	X	X	X	X	MS & DUP
MWD-1-080615	MWD-1	Water	08/06/2015	14:30	X	X	X	X	
Dup-1-080615	MW-31	Water	08/06/2015	23:59	X	X	X	X	FD of MW-31-080615
Trip Blank	Trip Blank	Water	08/06/2015	23:59				X	Trip Blank
Trip Blank	Trip Blank	Water	08/06/2015	23:59				X	Trip Blank
Trip Blank	Trip Blank	Water	08/06/2015	23:59				X	Trip Blank
MW-7-080715	MW-7	Water	08/07/2015	08:45	X	X	X	X	MS & DUP
MWD-4-080715	MWD-4	Water	08/07/2015	09:50	X	X	X	X	
MW-6-080715	MW-6	Water	08/07/2015	11:15	X	X	X	X	MS/MSD & DUP
MWD-13-080715	MWD-13	Water	08/07/2015	12:20	X	X	X	X	
MWD-11-081015	MWD-11	Water	08/10/2015	09:00	X	X	X	X	
TMW-1-081015	TMW-1	Water	08/10/2015	10:15	X	X	X	X	
MWD-2-081015	MWD-2	Water	08/10/2015	11:35	X	X	X	X	
MW-4-081015	MW-4	Water	08/10/2015	14:25	X	X	X	X	
RW-8-081015	RW-8	Water	08/10/2015	15:40	X	X	X	X	
Trip Blank	Trip Blank	Water	08/10/2015	23:59				X	Trip Blank
DUP-2-081015	RW-8	Water	08/10/2015	23:59	X	X	X	X	FD of RW-8-081015
MW-26-081115	MW-26	Water	08/11/2015	07:50	X	X	X	X	
MW-25-081115	MW-25	Water	08/11/2015	08:45	X	X	X	X	
TMW-3-081115	TMW-3	Water	08/11/2015	09:45	X	X	X	X	

Table 1

**Sample Collection and Analysis Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
August 2015**

Analysis/Parameters									
Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Chloride	TDS	Dissolved Metals	VOCs	Comments
TMW-6-081115	TMW-6	Water	08/11/2015	12:05	X	X	X	X	MS/MSD & DUP
MW-11-081115	MW-11	Water	08/11/2015	13:05	X	X	X	X	
MW-24-081115	MW-24	Water	08/11/2015	13:45	X	X	X	X	
MWD-15-081115	MWD-15	Water	08/11/2015	15:30	X	X	X	X	FD of MWD-15-081115
DUP-3-081115	MWD-15	Water	08/11/2015	23:59	X	X	X	X	
MW-17-081215	MW-17	Water	08/12/2015	08:10	X	X	X	X	
MWD-7-081215	MWD-7	Water	08/12/2015	09:20	X	X	X	X	
MW-23-081215	MW-23	Water	08/12/2015	10:15	X	X	X	X	
MWD-17-081215	MWD-17	Water	08/12/2015	13:00	X	X	X	X	
MW-22-081215	MW-22	Water	08/12/2015	14:20	X	X	X	X	
RW-6-081215	RW-6	Water	08/12/2015	15:20	X	X	X	X	
RW-7-081215	RW-7	Water	08/12/2015	16:40	X	X	X	X	
MW-15-081315	MW-15	Water	08/13/2015	08:20	X	X	X	X	
MW-16-081315	MW-16	Water	08/13/2015	09:40	X	X	X	X	
MWD-9-081315	MWD-9	Water	08/13/2015	10:30	X	X	X	X	
DUP-4-081315	MWD-9	Water	08/13/2015	23:59	X	X	X	X	FD of MWD-9-081315
Trip Blank	Trip Blank	Water	08/13/2015	23:59				X	Trip Blank

Notes:

TDS	- Total dissolved solids
VOCs	- Volatile organic compounds
MS	- Matrix spike
MS/MSD	- Matrix spike/Matrix spike duplicate
DUP	- Laboratory duplicate

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015**

Location ID:		MW-3	MW-4	MW-6	MW-7	MW-8	MW-9	MW-11
Sample Name:		MW-3-080615	MW-4-081015	MW-6-080715	MW-7-080715	MW-8-080515	MW-9-080415	MW-11-081115
Sample Date:		08/06/2015	08/10/2015	08/07/2015	08/07/2015	08/05/2015	08/04/2015	08/11/2015
Parameters	Unit							
Volatile Organic Compounds								
Benzene	µg/L	<0.2	<0.2	<0.2	<0.2	<0.2	1.6	11000
Ethylbenzene	µg/L	<0.2	<0.2	<0.2	<0.2	0.4 J	<0.2	33
Toluene	µg/L	<0.2	<0.2	<0.2	<0.2	<0.2	0.2 J	23
Xylenes (total)	µg/L	<0.2	<0.2	<0.2	<0.2	0.9 J	<0.4	190
Metals								
Arsenic (dissolved)	mg/L	0.0150 J	0.0099 J	0.0328 J	0.0084 J	0.0234	0.0119 J	<0.0070
Barium (dissolved)	mg/L	0.0573	0.0976	0.0574	0.0562	0.0512	1.94	0.918
Cadmium (dissolved)	mg/L	<0.00037 J	<0.00030	<0.00030	<0.00030	<0.00034 J	<0.00032 J	<0.00030
Chromium (dissolved)	mg/L	0.0024 J	0.0019 J	0.0018 J	0.0018 J	0.0021 J	0.0022 J	0.0016 J
Lead (dissolved)	mg/L	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Mercury (dissolved)	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Selenium (dissolved)	mg/L	0.0090 J	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082
Silver (dissolved)	mg/L	<0.0014	--	--	--	<0.0014	<0.0014	<0.0014
Wet Chemistry								
Chloride	mg/L	71.5	2300	1020	78.1	1260 J	504 J	97.8
Total dissolved solids (TDS)	mg/L	690	4720	3960	1400	4100 J	1680 J	798

J - Estimated concentration

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015**

Location ID: Sample Name: Sample Date:		MW-13 MW-13-080615 08/06/2015	MW-14 MW-14-080615 08/06/2015	MW-15 MW-15-081315 08/13/2015	MW-16 MW-16-081315 08/13/2015	MW-17 MW-17-081215 08/12/2015	MW-18 MW-18-080615 08/06/2015	MW-22 MW-22-081215 08/12/2015
Parameters	Unit							
Volatile Organic Compounds								
Benzene	µg/L	<0.2	<0.2	0.5 J	<0.2	<0.2	<0.2	15000
Ethylbenzene	µg/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	140
Toluene	µg/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	9.9 J
Xylenes (total)	µg/L	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	49
Metals								
Arsenic (dissolved)	mg/L	0.0151 J	0.0075 J	0.0141 J	0.0149 J	0.0095 J	0.0180 J	0.0227
Barium (dissolved)	mg/L	0.105	0.0630	0.0485	0.0406	0.0662	0.0587	0.878
Cadmium (dissolved)	mg/L	<0.00038 J	<0.00034 J	<0.00030	<0.00030	<0.00030	<0.00047 J	<0.00030
Chromium (dissolved)	mg/L	0.0026 J	0.0023 J	0.0020 J	0.0817	0.0021 J	0.0027 J	0.0020 J
Lead (dissolved)	mg/L	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Mercury (dissolved)	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Selenium (dissolved)	mg/L	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082
Silver (dissolved)	mg/L	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
Wet Chemistry								
Chloride	mg/L	381	475	1180	1560	2220	406	2570
Total dissolved solids (TDS)	mg/L	1040 J	1380 J	2920	3480	5640	1130	6240

J - Estimated concentration

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Location ID:		MW-23	MW-24	MW-25	MW-26	MW-29	MW-30	MW-31
Sample Name:		MW-23-081215	MW-24-081115	MW-25-081115	MW-26-081115	MW-29-080515	MW-30-080515	MW-31-080615
Sample Date:		08/12/2015	08/11/2015	08/11/2015	08/11/2015	08/05/2015	08/05/2015	08/06/2015
Parameters	Unit							
Volatile Organic Compounds								
Benzene	µg/L	<0.2	15000 J	2300	1600	86	4.3	<0.2
Ethylbenzene	µg/L	<0.2	130 J	100	7.9 J	4.3	0.2 J	<0.2
Toluene	µg/L	<0.2	16 J	<2.0	<2.0	0.9 J	<0.2	<0.2
Xylenes (total)	µg/L	<0.2	100 J	6.4 J	17	1.9	<0.6	0.6 J
Metals								
Arsenic (dissolved)	mg/L	0.0226	0.0161 J	0.0074 J	0.0352	<0.0070	0.0224	0.0290
Barium (dissolved)	mg/L	0.0463	3.80	1.64	4.16	5.00	0.784	0.978
Cadmium (dissolved)	mg/L	<0.00030	<0.00030	<0.00030	<0.00030	<0.00048 J	<0.00037 J	<0.00033 J
Chromium (dissolved)	mg/L	0.0024 J	0.0027 J	<0.0015	<0.0015	<0.0015	0.0017 J	0.0016 J
Lead (dissolved)	mg/L	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Mercury (dissolved)	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Selenium (dissolved)	mg/L	0.0164 J	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082
Silver (dissolved)	mg/L	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
Wet Chemistry								
Chloride	mg/L	5680	301	2170	260	91.9 J	344 J	424
Total dissolved solids (TDS)	mg/L	13700	1340	5070	1320	930	1320 J	1290 J

J - Estimated concentration

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Location ID: Sample Name: Sample Date:		MW-31 Dup-1-080615 08/06/2015 Dup	MW-32 MW-32-080515 08/05/2015	MW-34 MW-34-080415 08/04/2015	MWD-1 MWD-1-080615 08/06/2015	MWD-2 MWD-2-081015 08/10/2015	MWD-4 MWD-4-080715 08/07/2015	MWD-5 MWD-5-080515 08/05/2015
Parameters	Unit							
Volatile Organic Compounds								
Benzene	µg/L	<0.2	6500	1500	<0.2	<0.2	<0.2	7400
Ethylbenzene	µg/L	<0.2	5.1 J	7.1 J	<0.2	<0.2	<0.2	35 J
Toluene	µg/L	<0.2	3.0 J	<0.2	<0.2	<0.2	<0.2	3.5 J
Xylenes (total)	µg/L	0.6 J	15	2.5 J	<0.2	<0.2	<0.2	73 J
Metals								
Arsenic (dissolved)	mg/L	0.0236	0.0304	<0.0070	0.0572	0.0103 J	0.0117 J	0.0205
Barium (dissolved)	mg/L	0.995	2.50	3.73	0.0485	0.0773	0.0696	5.10
Cadmium (dissolved)	mg/L	<0.00035 J	<0.00044 J	<0.00043 J	<0.00053 J	<0.00030	<0.00030	<0.00037 J
Chromium (dissolved)	mg/L	<0.0015	0.0018 J	<0.0015	0.0087 J	0.0016 J	0.0019 J	0.0017 J
Lead (dissolved)	mg/L	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Mercury (dissolved)	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Selenium (dissolved)	mg/L	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082
Silver (dissolved)	mg/L	<0.0014	<0.0014	<0.0014	<0.0014	--	--	<0.0014
Wet Chemistry								
Chloride	mg/L	461	1220 J	272 J	712	2060	49.9	565 J
Total dissolved solids (TDS)	mg/L	1380 J	3010 J	1540 J	2040	4470	1260	2200 J

J - Estimated concentration

Table 2

**Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015**

Location ID: Sample Name: Sample Date:		MWD-6 MWD-6-080415 08/04/2015	MWD-7 MWD-7-081215 08/12/2015	MWD-8 MWD-8-080615 08/06/2015	MWD-9 MWD-9-081315 08/13/2015	MWD-9 DUP-4-081315 08/13/2015 Dup	MWD-11 MWD-11-081015 08/10/2015	MWD-12 MWD-12-080515 08/05/2015
Parameters	Unit							
Volatile Organic Compounds								
Benzene	µg/L	<0.2	<0.2	<0.2	24	26	<0.2	6.9
Ethylbenzene	µg/L	2.8	<0.2	<0.2	2.0	2.0	<0.2	85
Toluene	µg/L	0.2 J	<0.2	<0.2	0.8 J	0.8 J	<0.2	0.3 J
Xylenes (total)	µg/L	0.3 J	<0.2	<0.2	2.4	2.8	<0.2	8.7
Metals								
Arsenic (dissolved)	mg/L	<0.0070	0.0198 J	0.0112 J	0.0271	0.0273	0.0217 J	0.0463
Barium (dissolved)	mg/L	0.627	0.0391	0.0557	0.0579	0.0586	0.0483	0.200
Cadmium (dissolved)	mg/L	<0.00039 J	<0.00030	<0.00032 J	<0.00030	<0.00030	<0.00030	<0.00039 J
Chromium (dissolved)	mg/L	0.0016 J	0.0018 J	0.0027 J	0.0088 J	0.0090 J	0.0022 J	0.0016 J
Lead (dissolved)	mg/L	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Mercury (dissolved)	mg/L	<0.000050	<0.000050	<0.000050	0.000062 J	<0.000050	<0.000050	<0.000050
Selenium (dissolved)	mg/L	<0.0082	<0.0082	0.0094 J	<0.0082	<0.0082	0.0124 J	<0.0082
Silver (dissolved)	mg/L	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	--	<0.0014
Wet Chemistry								
Chloride	mg/L	229 J	4940	474	18300	22900	85.9	694 J
Total dissolved solids (TDS)	mg/L	1540 J	10600	1270	45700 J	98000 J	682	2690 J

J - Estimated concentration

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Location ID:		MWD-13	MWD-14	MWD-15	MWD-15	MWD-17	RW-6	RW-7
Sample Name:		MWD-13-080715	MWD-14-080515	MWD-15-081115	DUP-3-081115	MWD-17-081215	RW-6-081215	RW-7-081215
Sample Date:		08/07/2015	08/05/2015	08/11/2015	08/11/2015 Dup	08/12/2015	08/12/2015	08/12/2015
Parameters	Unit							
Volatile Organic Compounds								
Benzene	µg/L	<0.2	1000	1.1	0.8 J	130	<0.2	<0.2
Ethylbenzene	µg/L	<0.2	400	0.4 J	0.4 J	16	<0.2	<0.2
Toluene	µg/L	<0.2	<2.0	<0.2	<0.2	<0.2	<0.5	<0.2
Xylenes (total)	µg/L	<0.2	90	0.7 J	<5.0 J	<5.0	5.0	<0.2
Metals								
Arsenic (dissolved)	mg/L	0.0464 J	0.0079 J	0.0953	0.0881	0.0819	<0.0070	0.0098 J
Barium (dissolved)	mg/L	0.0676	0.997	0.545	0.595	1.06	1.30	0.0949
Cadmium (dissolved)	mg/L	<0.00030	<0.00033 J	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Chromium (dissolved)	mg/L	0.0027 J	<0.0015	0.0015 J	<0.0015	0.0018 J	<0.0015	0.0021 J
Lead (dissolved)	mg/L	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Mercury (dissolved)	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Selenium (dissolved)	mg/L	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082	0.0091 J
Silver (dissolved)	mg/L	--	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
Wet Chemistry								
Chloride	mg/L	1300	4070 J	1650	1620	5720	959	2480
Total dissolved solids (TDS)	mg/L	4760	8030	4180	3990	12200	2820	6530

J - Estimated concentration

Table 2

Analytical Results Summary
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Location ID: Sample Name: Sample Date:		RW-8 RW-8-081015 08/10/2015	RW-8 DUP-2-081015 08/10/2015 Dup	TMW-1 TMW-1-081015 08/10/2015	TMW-3 TMW-3-081115 08/11/2015	TMW-6 TMW-6-081115 08/11/2015
Parameters	Unit					
Volatile Organic Compounds						
Benzene	µg/L	<0.2	<0.2	1 J	17	3600 J
Ethylbenzene	µg/L	<0.2	<0.2	<0.2	1.9	6.5 J
Toluene	µg/L	<0.2	<0.2	<0.2	0.3 J	1.7 J
Xylenes (total)	µg/L	2.2	2.4	<0.2	3.1	4.1 J
Metals						
Arsenic (dissolved)	mg/L	0.0730 J	0.0851 J	0.0186 J	0.0215	0.0401
Barium (dissolved)	mg/L	0.0632	0.0640	2.63	6.94	0.839
Cadmium (dissolved)	mg/L	<0.00030	<0.00030	<0.00030	<0.00030	<0.00030
Chromium (dissolved)	mg/L	<0.0015	0.0020 J	0.0022 J	<0.0015	<0.0015
Lead (dissolved)	mg/L	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Mercury (dissolved)	mg/L	<0.000050	<0.000050	<0.000050	<0.000050	<0.000050
Selenium (dissolved)	mg/L	<0.0082	<0.0082	<0.0082	<0.0082	<0.0082
Silver (dissolved)	mg/L	--	--	--	<0.0014	<0.0014
Wet Chemistry						
Chloride	mg/L	1360	1510	842	309	436
Total dissolved solids (TDS)	mg/L	3400	3530	1990	1070	1590

J - Estimated concentration

Table 3

**Analytical Methods and Holding Time Criteria
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
August 2015**

Parameter	Method	Matrix	Collection to Analysis (Days)
Chloride	EPA 300.0	Water	28
TDS	SM 2540	Water	7
Dissolved Metals	SW-846 6010B	Water	180
	SW-846 7470A		28
VOCs	SW-846 821B	Water	14

Notes:

EPA - Environmental Protection Agency
SM - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions
SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," SW-846, Third Edition, 1986, with subsequent revisions
TDS - Total Dissolved Solids
VOCs - Volatile Organic Compounds

Table 4

Qualified Sample Results Due to Analyte Concentrations in the Method Blanks
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Parameter	Analyte	Analysis Date	Blank Result	Sample ID	Original Result		Qualified Result	Units
Metals	Cadmium (dissolved)	08/12/15	0.000032	MW-34-080415	0.00043	J	<0.00043	mg/L
				MWD-6-080415	0.00039	J	<0.00039	mg/L
				MW-9-080415	0.00032	J	<0.00032	mg/L
				MW-30-080515	0.00037	J	<0.00037	mg/L
				MW-29-080515	0.00048	J	<0.00048	mg/L
				MWD-5-080515	0.00037	J	<0.00037	mg/L
				MW-32-080515	0.00044	J	<0.00044	mg/L
				MW-8-080515	0.00034	J	<0.00034	mg/L
				MWD-12-080515	0.00039	J	<0.00039	mg/L
				MWD-14-080515	0.00033	J	<0.00033	mg/L
				MW-13-080615	0.00038	J	<0.00038	mg/L
				MW-31-080615	0.00033	J	<0.00033	mg/L
				Dup-1-080615	0.00035	J	<0.00035	mg/L
				MW-14-080615	0.00034	J	<0.00034	mg/L
				MW-3-080615	0.00037	J	<0.00037	mg/L
				MWD-8-080615	0.00032	J	<0.00032	mg/L
				MW-18-080615	0.00047	J	<0.00047	mg/L
				MWD-1-080615	0.00053	J	<0.00053	mg/L

Notes:

J - Estimated concentration

Table 5

**Qualified Sample Data Due to Outlying of Surrogate Recoveries
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015**

Parameter	Sample ID	Surrogate	Surrogate Recovery (percent)	Control Limits (percent)	Analyte	Qualified Result	Units
VOCs	MW-34-080415	Trifluorotoluene-P	131	51-120	Ethylbenzene	7.1	J µg/L
	MW-34-080415				Xylenes (total)	2.5	J µg/L
VOCs	MWD-5-080515	Trifluorotoluene-P	150	51-120	Ethylbenzene	35	J µg/L
	MWD-5-080515				Xylenes (total)	73	J µg/L
VOCs	TMW-6-081115	Trifluorotoluene-P	173	51-120	Benzene	3600	J µg/L
	TMW-6-081115				Ethylbenzene	6.5	J µg/L
	TMW-6-081115				Toluene	1.7	J µg/L
	TMW-6-081115				Xylenes (total)	4.1	J µg/L
VOCs	MW-24-081115	Trifluorotoluene-P	155	51-120	Benzene	15000	J µg/L
	MW-24-081115				Ethylbenzene	130	J µg/L
	MW-24-081115				Toluene	16	J µg/L
	MW-24-081115				Xylenes (total)	100	J µg/L

Notes:

VOCs - Volatile Organic Compounds

J - Estimated concentration

Table 6

Qualified Sample Data Due to Outlying Matrix Spike Recoveries
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Parameter	Spiked Sample ID	Analyte	MS % Recovery	Control Limits % Recovery	Associated Sample IDs	Qualified Result		Units
Wet Chemistry	MWD-6-080415	Chloride	55	90-110	MWD-6-080415	229	J	mg/L
					MW-34-080415	272	J	mg/L
					MW-9-080415	504	J	mg/L
					MW-30-080515	344	J	mg/L
					MW-29-080515	91.9	J	mg/L
					MWD-5-080515	565	J	mg/L
					MW-32-080515	1220	J	mg/L
					MW-8-080515	1260	J	mg/L
					MWD-12-080515	694	J	mg/L
					MWD-14-080515	4070	J	mg/L

Notes:

MS - Matrix spike
J - Estimated concentration

Table 7

Qualified Sample Data Due to Outlying Laboratory Duplicate Results
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Parameter	Sample ID	Analyte	RPD (percent)	RPD Control Limit (percent)	Associated Sample IDs	Qualified Result	Units
Metals	MW-6-080715	Arsenic (dissolved)	22	20	MW-7-080715	0.0084 J	mg/L
		Arsenic (dissolved)			MWD-4-080715	0.0117 J	mg/L
		Arsenic (dissolved)			MW-6-080715	0.0328 J	mg/L
		Arsenic (dissolved)			MWD-13-080715	0.0464 J	mg/L
		Arsenic (dissolved)			DUP-2-081015	0.0851 J	mg/L
		Arsenic (dissolved)			RW-8-081015	0.0730 J	mg/L
		Arsenic (dissolved)			MWD-11-081015	0.0217 J	mg/L
		Arsenic (dissolved)			TMW-1-081015	0.0186 J	mg/L
		Arsenic (dissolved)			MWD-2-081015	0.0103 J	mg/L
		Arsenic (dissolved)			MW-4-081015	0.0099 J	mg/L
Metals	MW-6-080715	Chromium (dissolved)	31	20	MW-7-080715	0.0018 J	mg/L
		Chromium (dissolved)			MWD-4-080715	0.0019 J	mg/L
		Chromium (dissolved)			MW-6-080715	0.0018 J	mg/L
		Chromium (dissolved)			MWD-13-080715	0.0027 J	mg/L
		Chromium (dissolved)			DUP-2-081015	0.0020 J	mg/L
		Chromium (dissolved)			MWD-11-081015	0.0022 J	mg/L
		Chromium (dissolved)			TMW-1-081015	0.0022 J	mg/L
		Chromium (dissolved)			MWD-2-081015	0.0016 J	mg/L
		Chromium (dissolved)			MW-4-081015	0.0019 J	mg/L
Wet Chemistry	MW-13-080615	Total dissolved solids (TDS)	13	5	MW-34-080415	1540 J	mg/L
		Total dissolved solids (TDS)			MWD-6-080415	1540 J	mg/L
		Total dissolved solids (TDS)			MW-9-080415	1680 J	mg/L
		Total dissolved solids (TDS)			MW-30-080515	1320 J	mg/L
		Total dissolved solids (TDS)			MWD-5-080515	2200 J	mg/L
		Total dissolved solids (TDS)			MW-32-080515	3010 J	mg/L
		Total dissolved solids (TDS)			MW-8-080515	4100 J	mg/L
		Total dissolved solids (TDS)			MWD-12-080515	2690 J	mg/L
		Total dissolved solids (TDS)			MW-13-080615	1040 J	mg/L
		Total dissolved solids (TDS)			MW-14-080615	1380 J	mg/L

Table 7

Qualified Sample Data Due to Outlying Laboratory Duplicate Results
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Parameter	Sample ID	Analyte	RPD (percent)	RPD Control Limit (percent)	Associated Sample IDs	Qualified Result		Units
		Total dissolved solids (TDS)			MW-31-080615	1290	J	mg/L
		Total dissolved solids (TDS)			Dup-1-080615	1380	J	mg/L

Notes:

RPD - Relative Percent Difference
J - Estimated concentration

Table 8

Qualified Sample Data Due to Variability in Field Duplicate Results
Semiannual Groundwater Monitoring Event
CEMC - South Eunice Gas Plant
Lea County, New Mexico
November 2015

Parameter	Analyte	RPD/Diff		Sample ID	Qualified Result		Field Duplicate Sample ID	Qualified Result		Units
VOCs	Xylenes (total)	4.3	Diff	MWD-15-081115	0.7	J	DUP-3-081115	<5.0	UJ	ug/L
Wet Chemistry	Total dissolved solids (TDS)	72.8	RPD	MWD-9-081315	45700	J	DUP-4-081315	98000	J	mg/L

Notes:

- Diff - Difference (i.e., >1X RL for waters or >2XRL for soils)
- RPD - Relative Percent Difference
- J - Estimated concentration
- UJ - Not detected; associated reporting limit is estimated