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March 12, 2015

Mr. Glenn von Gonten
Senior Hydrologist
Environmental Bureau
New Mexico Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Former Chevron North Eunice Gas Plant (Discharge Permit GW-004)
Former Chevron South Eunice Gas Plant (Discharge Permit GW-003)
2014 Annual Groundwater Monitoring Reports

Dear Mr. Von Gonten,

As Operator of the remediation programs at the Former North Eunice Gas Plant and the Former South Eunice Gas Plant, Chevron Environmental Management Company is submitting electronic versions (Adobe PDF versions via FTP) of the following reports:

- *2014 Annual Groundwater Monitoring Report, Former Chevron Eunice South Gas Plant, Lea County, New Mexico*
- *2014 Annual Groundwater Monitoring Report, Former Chevron Eunice North Gas Plant, Eunice, Lea County, New Mexico*

These reports were prepared by Conestoga-Rovers & Associates (CRA) on behalf of CEMC to document the results of groundwater monitoring activities conducted at the above referenced sites in 2014. These reports are being provided in accordance with the requirements of Discharge Permits GW-003 and GW-004.

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

Sincerely,

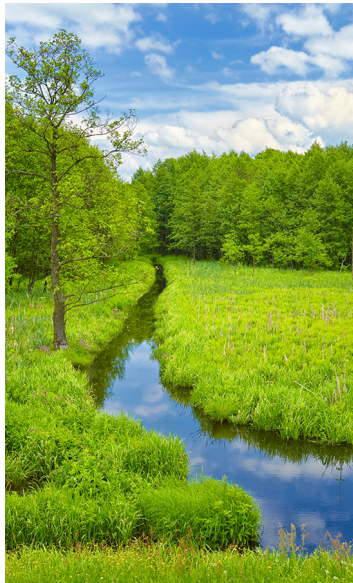
A handwritten signature in blue ink, appearing to read "Kegan W. Boyer", written over a horizontal line.

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

cc: Dr. Tomas Oberding, NMOCD
Mike Wisniowiecki, CRA



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Final Report

2014 Annual Groundwater Monitoring Report

Former Eunice South Gas Plant
Lea County, New Mexico

Prepared for: Chevron Environmental Management Company

Conestoga-Rovers & Associates

6320 Rothway, Suite 100
Houston, Texas 77040

02/19/2015 • 055271 • Report No. 10





**CONESTOGA-ROVERS
& ASSOCIATES**

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2014 Annual Groundwater Monitoring Report

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

Discharge Permit GW-003

Prepared for: Chevron Environmental Management Company

Submitted By:
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6320 Rothway Street, Suite 100
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February 2015 • 055271 • Report No. 10



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Section 1.0 Introduction

1.1 Overview

This Annual Groundwater Monitoring Report presents groundwater data collected and remedial activities performed during the 2014 calendar year by environmental consultant Conestoga-Rovers and Associates (CRA) on behalf of Chevron Environmental Management Company (CEMC) at the former Eunice South Gas Plant (OGRID No. 4323) hereafter referred to as the "Site." CRA conducted semi-annual monitoring events at the Site in February and August of the 2014 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. 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)

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.

Manual Recovery 2011, 2012-14

In April 2011, CRA 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 new 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 begun at eight additional wells on October 27, 2014 (MW-12, MW-19, MW-27, MW-28, TMW-2, RW-3, RW-4, RW-5). A total of 294 gallons of LNAPL and 1.5 gallons of water were recovered from the West Side wells during 2014.

Records indicate a total of 6,234 gallons of hydrocarbons and 24 gallons of affected groundwater have been recovered from the West Side manually-bailed 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 onsite construction. 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 on the East Side wells in 2014, recovering 141 gallons of LNAPL and 0.5 gallons of water. Manual bailing of the East Side wells is planned to continue in 2015.

A total of 5,270 gallons of LNAPL and 57,604 gallons of affected groundwater have been recovered from the East Side wells from 2003 through 2014. 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. The system was not in operation prior to the February 2011 correspondence.

As part of the reevaluation of the current system and well components, one barrel (approximately 42 gallons) of groundwater were recovered from each of the 5 wells during both the third and fourth quarters of 2012 (5 barrels or approximately 210 gallons total per event), or a total of 10 barrels during 2012. In a similar fashion, a total of 15 drums or approximately 600 gallons of groundwater were recovered from wells MWD-3 and MWD-9 during the first through third quarters of 2013. Installation of the redesigned groundwater recovery system began on October 28, 2013 but construction and prestart reviews were not completed until April 2014, so groundwater was not recovered during the first quarter 2014. Construction of the redesigned groundwater recovery system was completed on April 29, 2014 and groundwater recovery was resumed. A total of 52,146 barrels, or approximately 2,190,132 gallons, of chloride-impacted groundwater was recovered by this recovery system from May through December 2014. A summary of 2014 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. These reports will continue to be submitted during the temporary suspension of daily groundwater recovery from the system and interim quarterly recovery events.

Section 2.0 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 show in the following table:

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

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.

Section 3.0 Groundwater Monitoring Activities

Groundwater at the Site was monitored in 2014 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 2014 is presented in Table 5.

Groundwater elevations at the Site in 2014 appear to be consistent with historical levels and the groundwater gradient continues to be to the south-southeast. February and August 2014 groundwater gradient maps are presented as Figures 3, 4, 5 and 6. LNAPL thickness maps for February and August 2013 are presented in Figures 7 and 8. Historical groundwater elevation data (1996-2008) for shallow and deep wells are presented in Appendix B.

Shallow Zone

Depth to groundwater measurements were collected from shallow zone wells during the February and August 2014 events. The depth to water ranged from 48.08 feet to 57.87 feet

below TOC in the 41 wells gauged in February 2014, and ranged from 48.22 feet to 57.68 feet below TOC in the 40 wells gauged in August 2014. 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 2014 events. LNAPL was detected in 9 shallow zone wells in February 2014 and in 9 wells in August 2014. Observed LNAPL thickness ranged from 0.06 feet (MW-21, August 2014) to 4.59 feet (MW-5, August 201), both in August 2014. These LNAPL thicknesses were overall similar to previously measurements, with some LNAPL thickness increases and decreases. The average gradient observed in the shallow zone in 2014 was 0.0056 feet/foot to the south southeast.

Deep Zone

Depth to groundwater measurements were collected from deep zone wells during the February and August 2014 events. The depth to water ranged from 49.46 feet to 55.08 feet below TOC in the 16 wells gauged in February 2014, and ranged from 49.76 feet to 55.13 feet below TOC in the 16 wells gauged in August 2014. 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 2014 events (MWD-10, MWD-16). LNAPL was not detected in any of the deep zone wells during both 2014 gauging events. The average gradient observed in the deep zone in 2014 was 0.0053 feet/foot to the southeast.

3.2 Well Purging and Sampling

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 30 wells in February 2014 and 29 wells in August 2014. A summary of the shallow well final geochemical parameters for the 2014 semi-annual monitoring events is presented in Table 6.

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 20 wells in February 2014 and 18 wells in August 2014. A summary of the deep well final geochemical parameters for the 2014 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 2014 are presented as Figures 9, 10, 11 and 12. Chloride isoconcentration maps for February and August 2014 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 2014 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 2014 monitoring event are also provided.

Shallow Wells – February 2014	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	18	10	15	19
Exceedances Above Regulatory Limit	15	0	1	0
Minimum Concentration (µg/L)/Well ID	0.4 J (MW-31)	0.3 J (MW-9, TMW-3)	1.5 (TMW-3)	0.2 J (MW-17)
Maximum Concentration (µg/L)/Well ID	22000 (MW-11)	43 (MW-24)	970 (MW-24)	230 (MW-24)

Deep Wells – February 2014	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	11	6	9	10
Exceedances Above Regulatory Limit	6	0	0	0
Minimum Concentration (µg/L)/Well ID	0.2 J (MWD-15)	0.3 J (MWD-6)	1.7 (MWD-15)	0.4 J (RW-7)
Maximum Concentration (µg/L)/Well ID	5500 J (MWD-5)	2.1 J (MWD-5)	240 (MWD-17)	47 J (MWD-5)

Shallow Wells – February 2014	Chloride	
Number of Detections	30	
Exceedances Above Regulatory Limit	23	
Minimum Concentration (mg/L)/Well ID	44.8	MW-7
Maximum Concentration (mg/L)/Well ID	12100	MW-22

Deep Wells – February 2014	Chloride	
Number of Detections	18	
Exceedances Above Regulatory Limit	16	
Minimum Concentration (mg/L)/Well ID	45.2 J	MWD-7
Maximum Concentration (mg/L)/Well ID	59700	MWD-2

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 13 shallow wells (MW-9, MW-11, MW-22, MW-24, MW-25, MW-26, MW-29, MW-31, MW-32, MW-34, TMW-1, TMW-3, TMW-6) and three deep wells (MWD-5, MWD-14, RW-6) in February 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 and one deep well exceeded the NMWQCC Standard for arsenic of 0.1 mg/L.

3.3.2 Second 2014 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 2014 monitoring event are also provided.

Shallow Wells – August 2014	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	13	2	12	9
Exceedances Above Regulatory Limit	11	0	2	0
Minimum Concentration (µg/L)/Well ID	3.8 (TMW-3)	1.1 J (MW-29)	3.5 (TMW-6)	1.9 J (MW-25)
Maximum Concentration (µg/L)/Well ID	30000 (MW-11)	1.6 J (MW-25)	910 (MW-24)	140 (MW-24)

Deep Wells – August 2014	Benzene	Toluene	Ethylbenzene	Total Xylenes
Number of Detections	4	1	6	4
Exceedances Above Regulatory Limit	4	0	0	0
Minimum Concentration (µg/L)/Well ID	160 (MWD-12)	8.1 J (MWD-17)	5.4 (MWD-6)	1.9 (MWD-15)
Maximum Concentration (µg/L)/Well ID	1900 J (MWD-14)	8.1 J (MWD-17)	580 J (MWD-14)	63 J (MWD-14)

Shallow Wells – August 2014	Chloride	
Number of Detections	29	
Exceedances Above Regulatory Limit	26	
Minimum Concentration (mg/L)/Well ID	46.7	MW-7
Maximum Concentration (mg/L)/Well ID	7610	MW-23

Deep Wells – August 2014	Chloride	
Number of Detections	18	
Exceedances Above Regulatory Limit	16	
Minimum Concentration (mg/L)/Well ID	53.8	MWD-14
Maximum Concentration (mg/L)/Well ID	11700	MWD-17

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 12 shallow wells (MW-9, MW-11, MW-13, MW-22, MW-24, MW-25, MW-26, MW-29, MW-31, MW-32, MW-34, TMW-3) and two deep wells (MWD-14, 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.

Section 4.0 Quality Assurance/Quality Control (QA/QC) Evaluation

To confirm sample quality and reproducibility, four field duplicate (DUP-1, DUP-2, and DUP-3, DUP-4) samples were collected during the February 2014 semi-annual monitoring event from wells MWD-7, RW-8, MW-34, and MW-21. During the August 2014 semi-annual monitoring event, five field duplicate (DUP-1, DUP-2, DUP-3, DUP-4 and DUP-5) samples were collected

from wells MWD-2, MW-14, MWD-12, MW-24, and MW-26. 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 2014 sampling events were reviewed by a CRA 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 CRA are included in Appendix C.

Section 5.0 Corrective Action

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

1. An LNAPL and dissolved-phase hydrocarbon plume on the West Side;
 - In 2014, CRA continued manual recovery efforts near the former West Side jet skid area as an interim measure. Biweekly LNAPL abatement activities were performed in seven accessible wells (MW-1, MW-2, MW-10, RW-1 and RW-2) from January through December 2014. In order to observe the effectiveness of LNAPL recovery from additional West Side LNAPL wells, manual LNAPL recovery was begun at eight additional wells on October 27, 2014 (MW-12, MW-19, MW-27, MW-28, TMW-2, RW-3, RW-4, RW-5). A total of 294 gallons of LNAPL and 1.5 gallons of water were recovered from the West Side wells during 2014. Records indicate a total of 6,234 gallons of hydrocarbons and 24 gallons of affected groundwater have been recovered from the West Side manually-bailed LNAPL wells since 2004. A summary of LNAPL recovery totals per well is presented in Table 2.
2. An LNAPL and dissolved-phase hydrocarbon plume on the East Side;
 - During 2014, 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 141 gallons of LNAPL in 2014. A total of 5,270 gallons of LNAPL and 57,604 gallons of affected groundwater have been recovered from the East Side wells from 2003 through 2014. A summary of historic LNAPL recovery for the East Side is presented in Table 3.
3. A Chloride and TDS plume on the East Side;

- 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. The system was not in operation in 2011 prior to the February 2011 correspondence. As part of the reevaluation of the current system and well components, one barrel (approximately 42 gallons) of groundwater were recovered from each of the 5 wells during both the third and fourth quarters of 2013 (5 barrels or approximately 210 gallons total per event), or a total of 10 barrels during 2012. In a similar fashion, a total of 15 drums or approximately 600 gallons of groundwater were recovered from wells MWD-3 and MWD-9 during the first through third quarters of 2013. Installation of the redesigned groundwater recovery system began on October 28, 2013 but construction and prestart reviews were not completed until April 2014, so groundwater was not recovered during the first quarter 2014. Construction of the redesigned groundwater recovery system was completed on April 29, 2014 and groundwater recovery was resumed. A total of 52,857 barrels, or approximately 2,219,994 gallons, of chloride-impacted groundwater was recovered by this recovery system from May through December 2014. A summary of 2014 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. These reports will continue to be submitted during the temporary suspension of daily groundwater recovery and interim quarterly recovery events.
4. A dissolved-phase hydrocarbon plume on the South Side;
- Monitoring of the dissolved-phase hydrocarbon plume during semi-annual sampling events is currently the only remediation activity associated with the South Side.

Section 6.0 Findings

Based on groundwater monitoring activities performed at the Site, CRA 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 48.08 feet to 57.87 feet below TOC (shallow wells) and from 49.46 feet to 55.08 feet below TOC (deep wells) in February 2014, and ranged from 48.22 feet to 57.68 feet below TOC (shallow wells) and 49.76 feet to 55.13 feet below TOC (deep wells) in August 2014;
- The average gradient observed in the shallow zone during the 2014 calendar year was 0.0056 feet/foot to the south southeast. The average gradient observed in the deep zone during the 2014 calendar year was 0.0053 feet/foot to the south southeast;
- LNAPL was detected in fourteen wells during the February 2014 sampling event, and fifteen wells during the August 2014 sampling event. The largest LNAPL thicknesses measured during the February and August 2014 events occurred in MW-5 and were 4.24 feet and 4.59 feet, respectively;
- During the February 2014 groundwater monitoring event, benzene concentrations exceeded the NMWQCC standards in fifteen shallow wells and six deep wells;
- During the February 2014 groundwater monitoring event, ethylbenzene concentrations exceeded the NMWQCC standards in one shallow well;
- During the February 2014 groundwater monitoring event, chloride concentrations exceeded NMWQCC standards in 23 shallow wells and 16 deep wells;
- During the August 2014 groundwater monitoring event, benzene concentrations exceeded the NMWQCC standards in 11 shallow wells and four deep wells;
- During the August 2014 groundwater monitoring event, ethylbenzene concentrations exceeded the NMWQCC standards in two shallow wells;
- During the August 2014 groundwater monitoring event, chloride concentrations exceeded NMWQCC standards in 26 shallow wells and 16 deep wells;
- 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 January 2014 through December 2014. In order to observe the effectiveness of LNAPL recovery from additional West Side LNAPL wells, manual LNAPL recovery was begun at eight additional wells on October 27, 2014 (MW-12, MW-19, MW-27, MW-28, TMW-2, RW-3, RW-4, RW-5). A total of 435 gallons of LNAPL and 2 gallons of water were recovered during 2014, 294 gallons LNAPL and 1.5 gallons of water from the West Side wells and 141 gallons LNAPL and 0.5 gallons of water from the East Side wells. Records indicate a total of 11,504 gallons of hydrocarbons have been recovered from the West Side (6,234 gallons) and East Side (5,270 gallons) LNAPL wells since 2004; and
- LNAPL was not recovered by the east side LNAPL recovery system in 2014 due to Targa's operation of an acid gas injection well.

Section 7.0 Recommendations and Future Site Activities

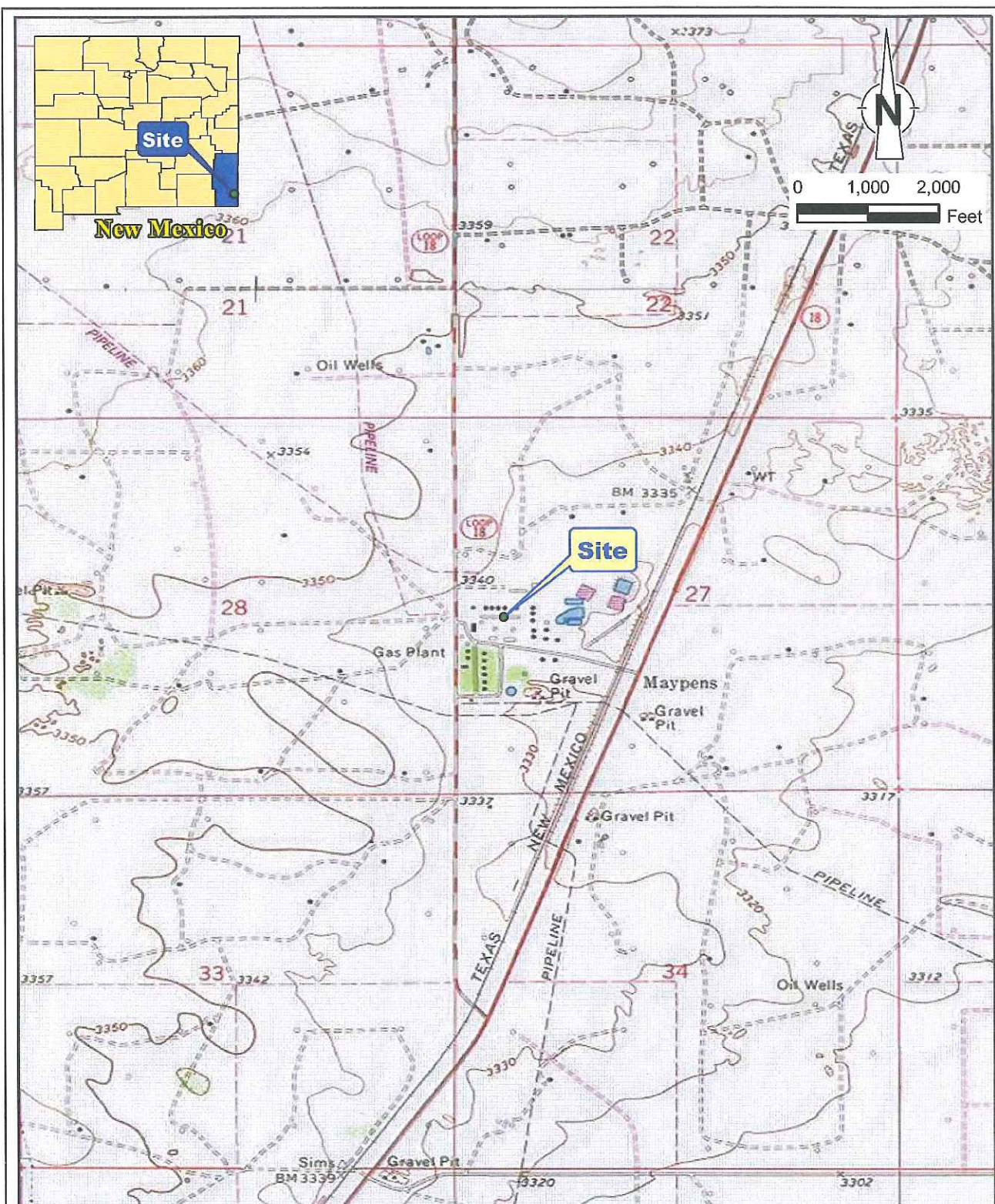
Based upon the summary and conclusions presented in this report, the following is recommended:

- Continue operation of chloride groundwater recovery system;
- Continue bi-weekly operation and maintenance activities to monitor recovery systems which are operational at the Site;
- Continue bi-weekly recovery of LNAPL from the east and west side wells; and
- Continue semi-annual groundwater monitoring.

Future activities may include:

- Installation of additional groundwater monitor wells to complete delineation of chloride and BTEX plumes;
- Mobile Dual Phase Extraction (MDPE) pilot testing of LNAPL wells;
- Development of a Chloride and Enhanced LNAPL Abatement Plan;
- Dismantle and remove the two former NAPL recovery systems (SVE West Side, LNAPL pumps East Side); and
- Completion of the 2015 semi-annual groundwater sampling events during February and August 2015. Groundwater samples will be collected from all wells that do not contain measureable LNAPL.

Figures

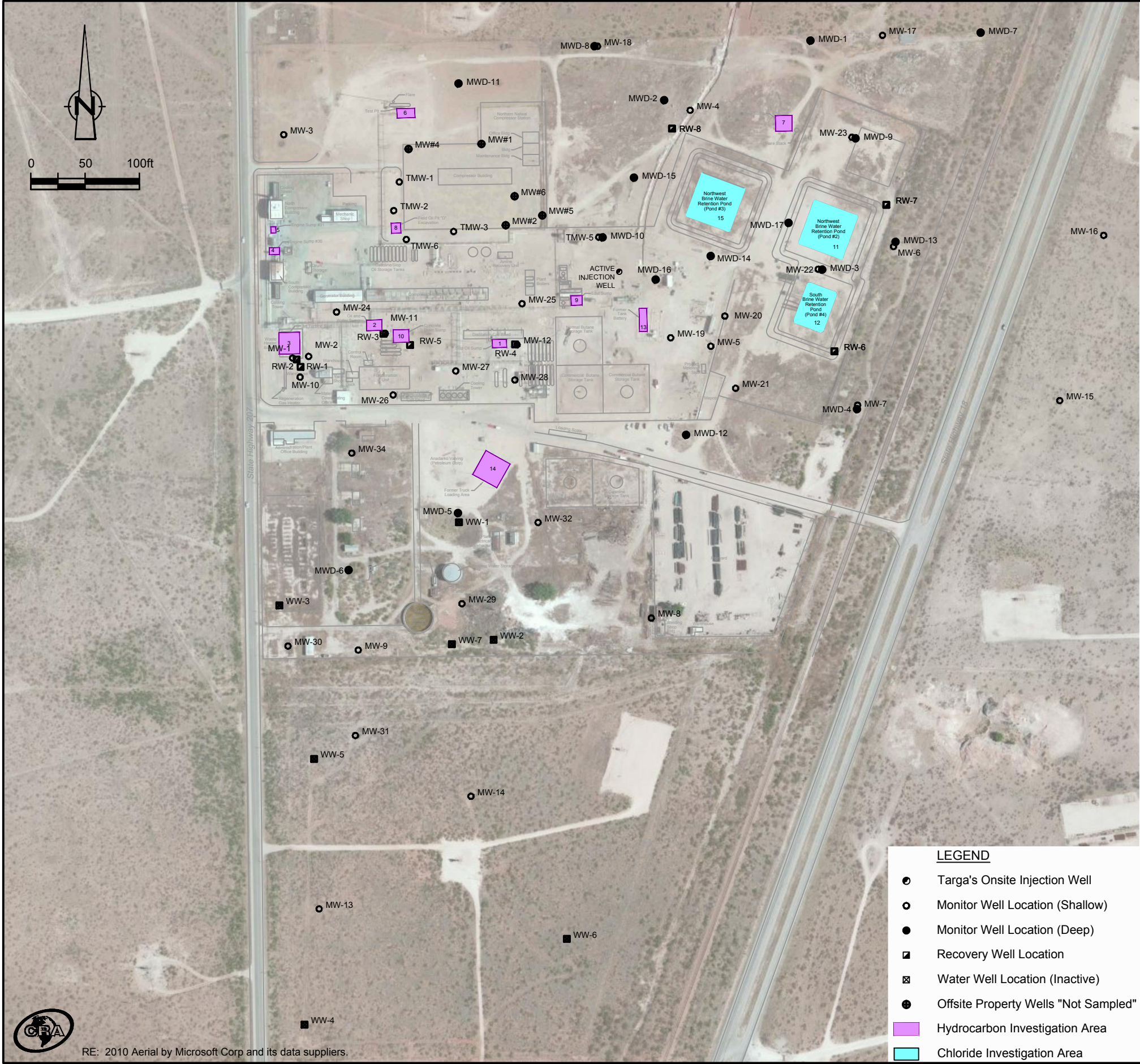


RE: USGS 7.5 Minute Topographic Maps.

Figure 1

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





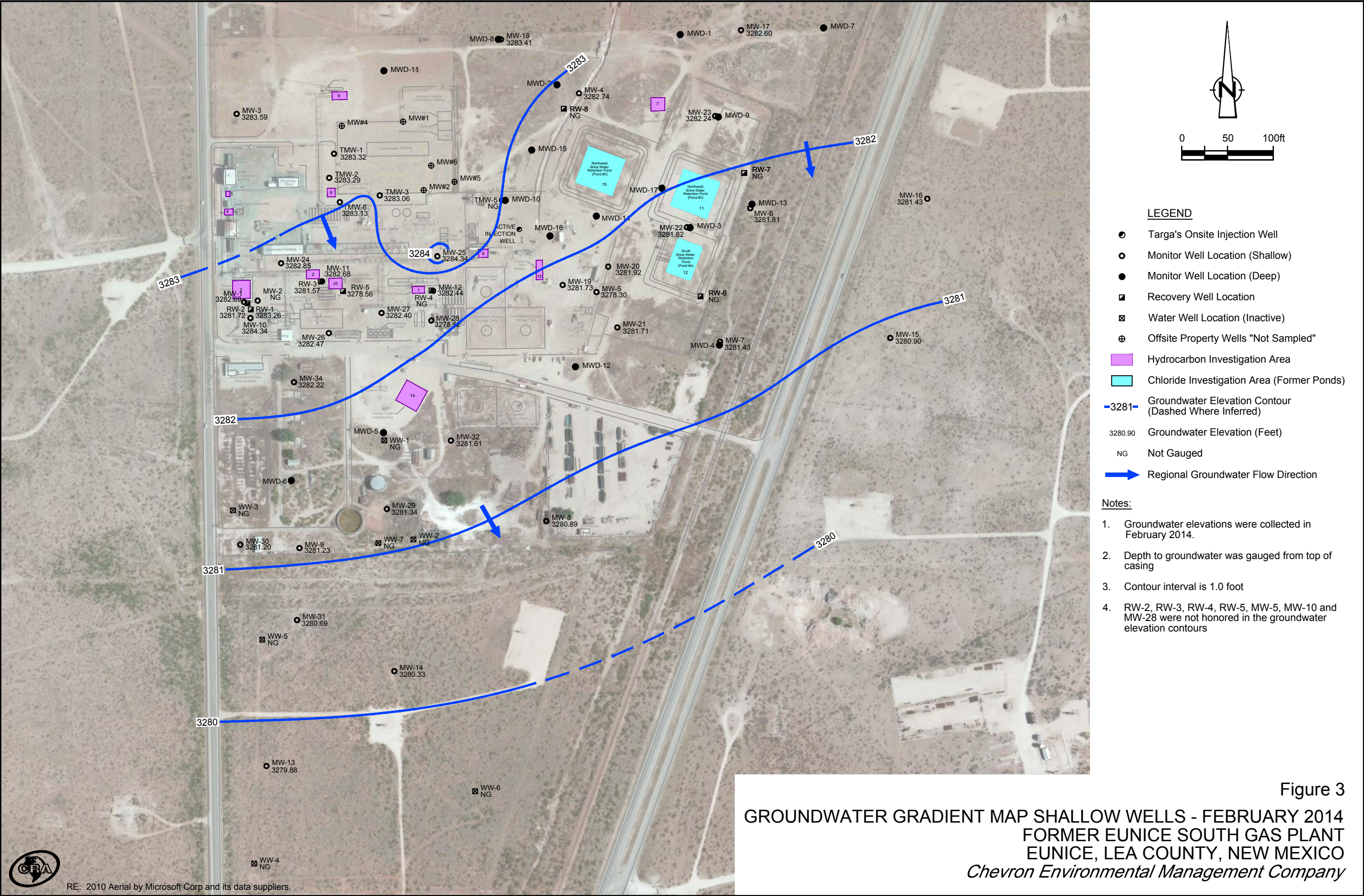
1. A subsurface investigation was performed in the direct vicinity of the slop oil sump in July 1996. The investigation included the installation of a single soil boring due south of the sump to a total depth of 57 feet BGS. Analytical results indicated hydrocarbon impacts at depth and light non-aqueous 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

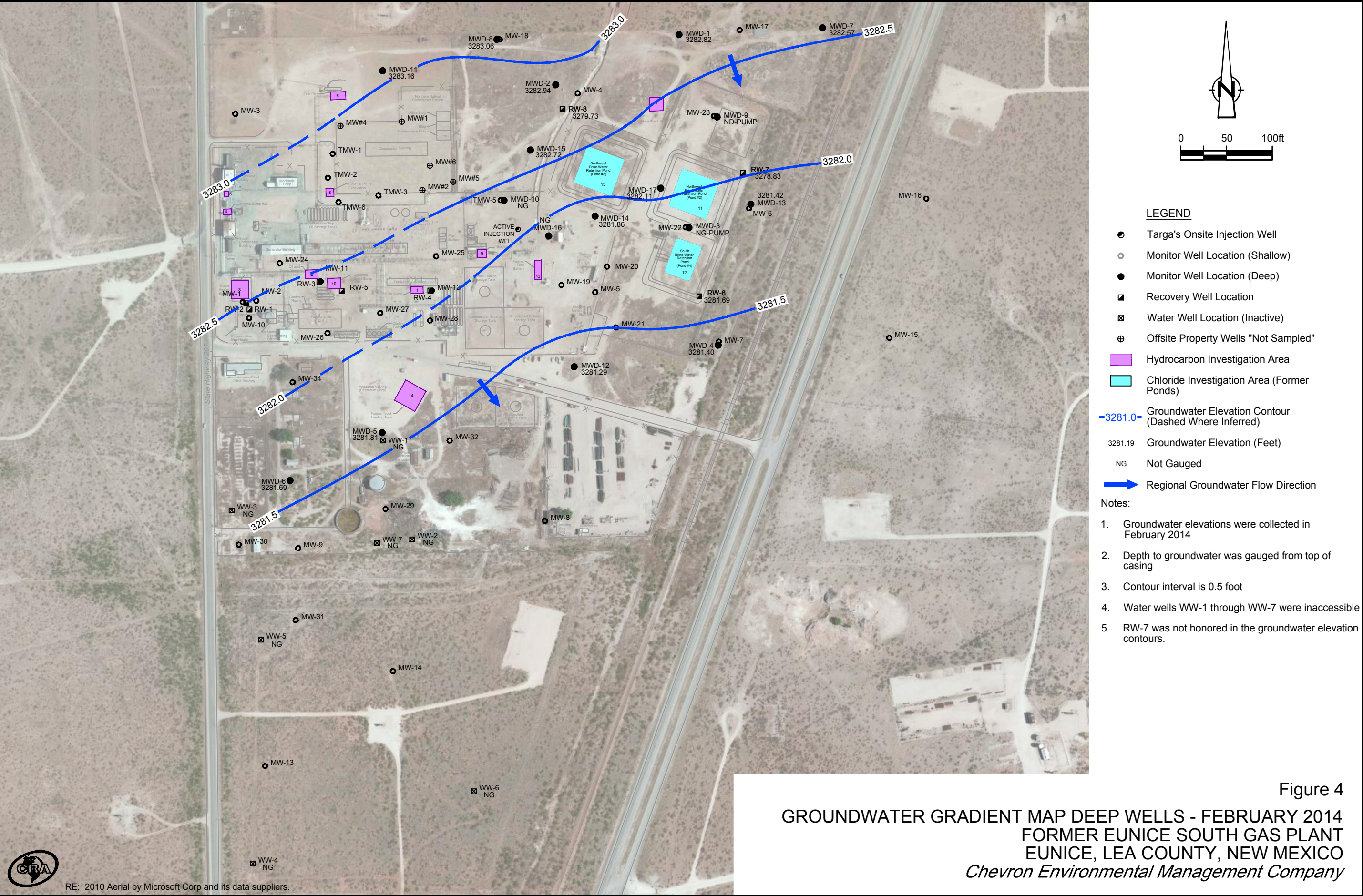
SITE DETAILS MAP
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company



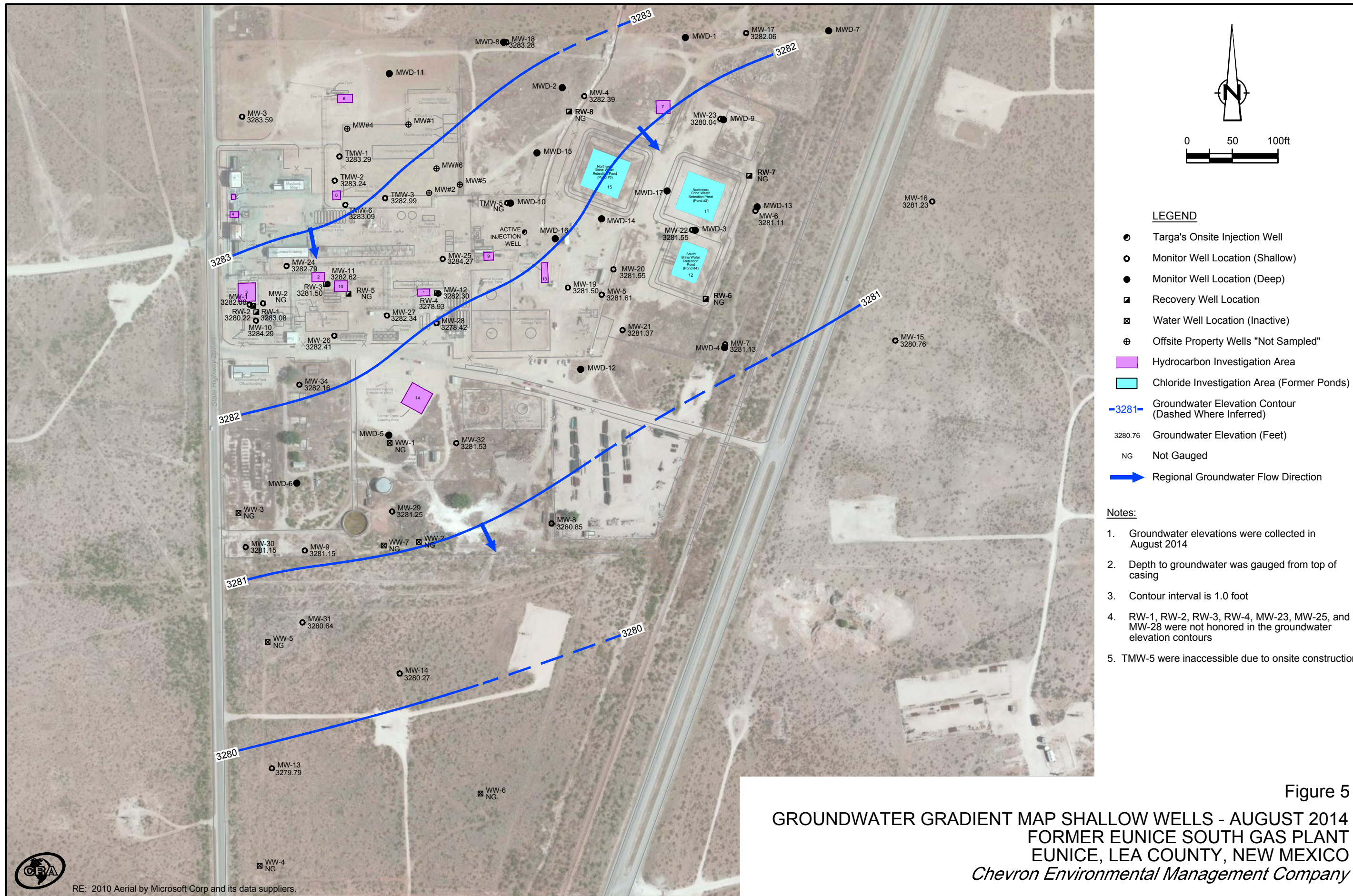
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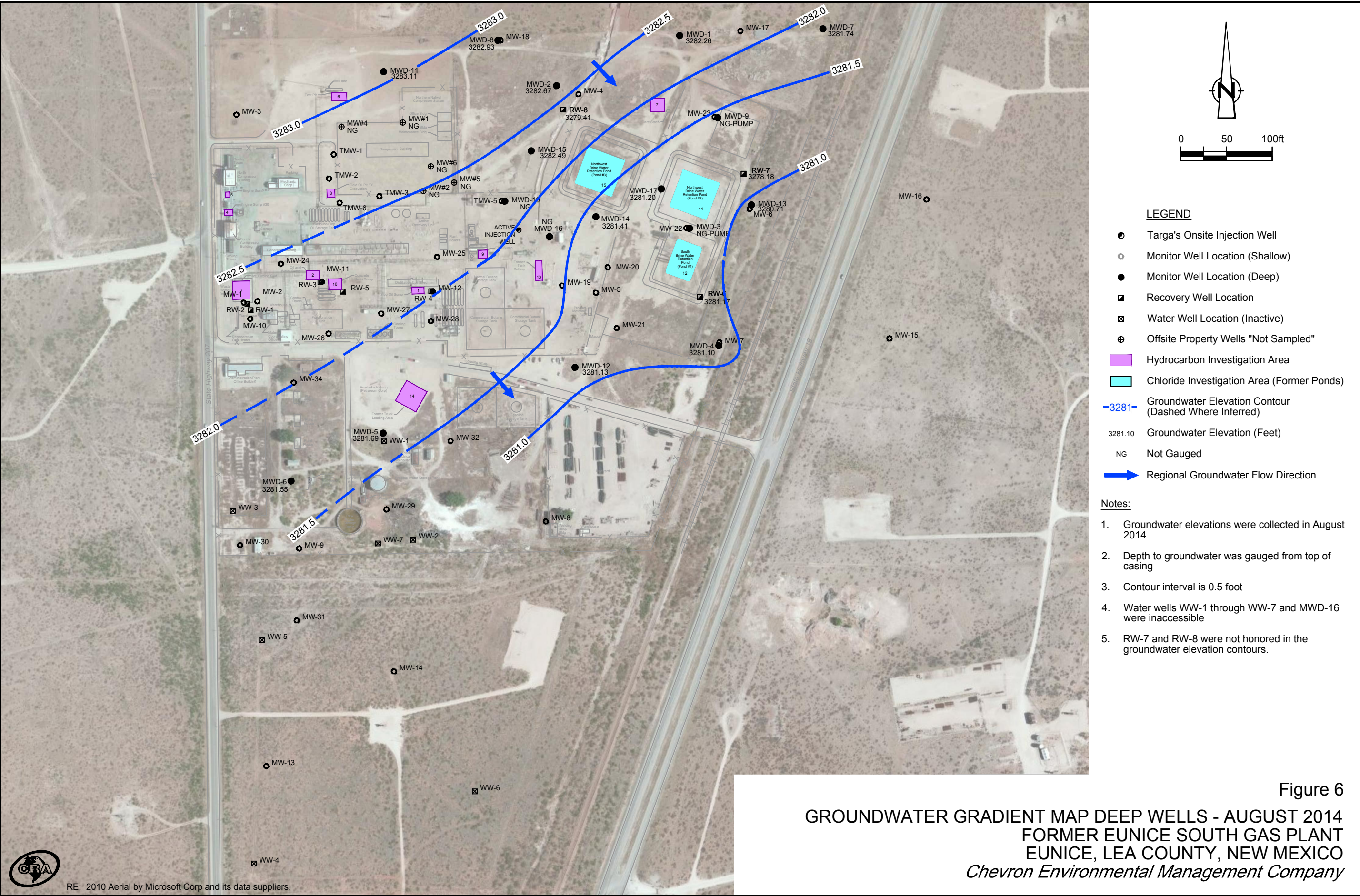


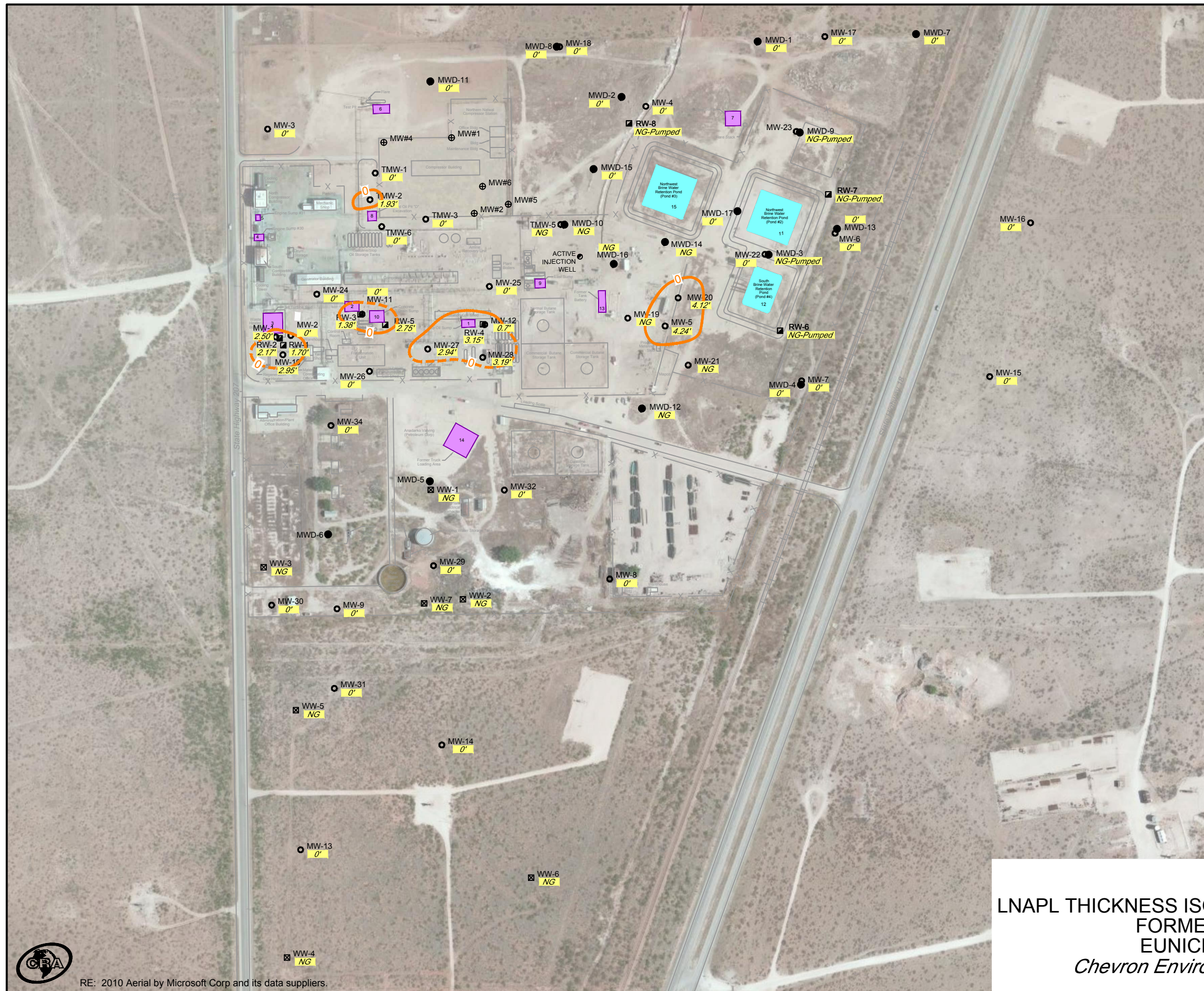
RE: 2010 Aerial by Microsoft Corp and its data suppliers.



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
- 0.01' LNAPL Thickness (Feet)
- LNAPL Thickness Isopleth (Feet)
(Dashed Where Inferred)
- NG Not Gauged

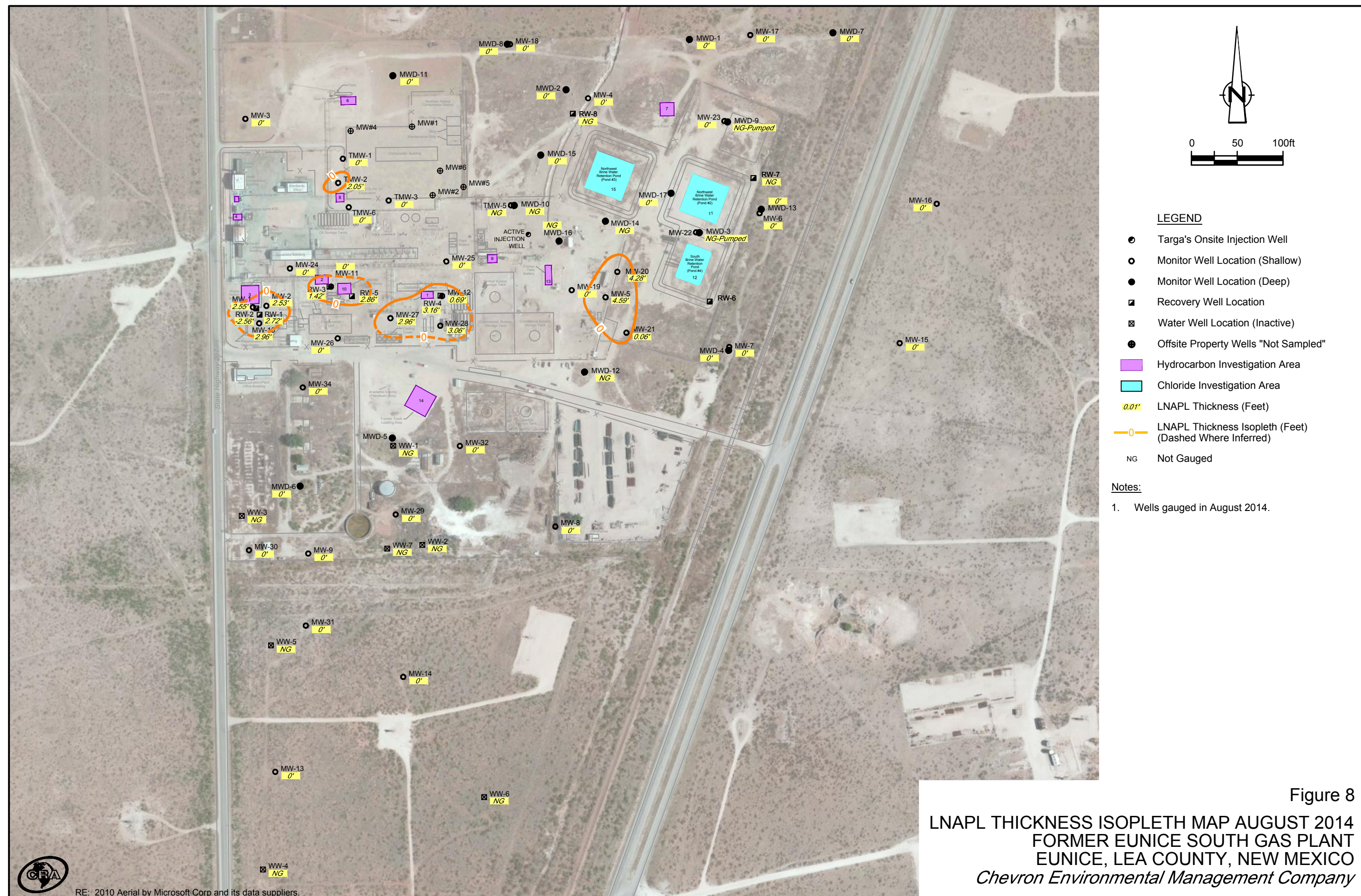
Note:

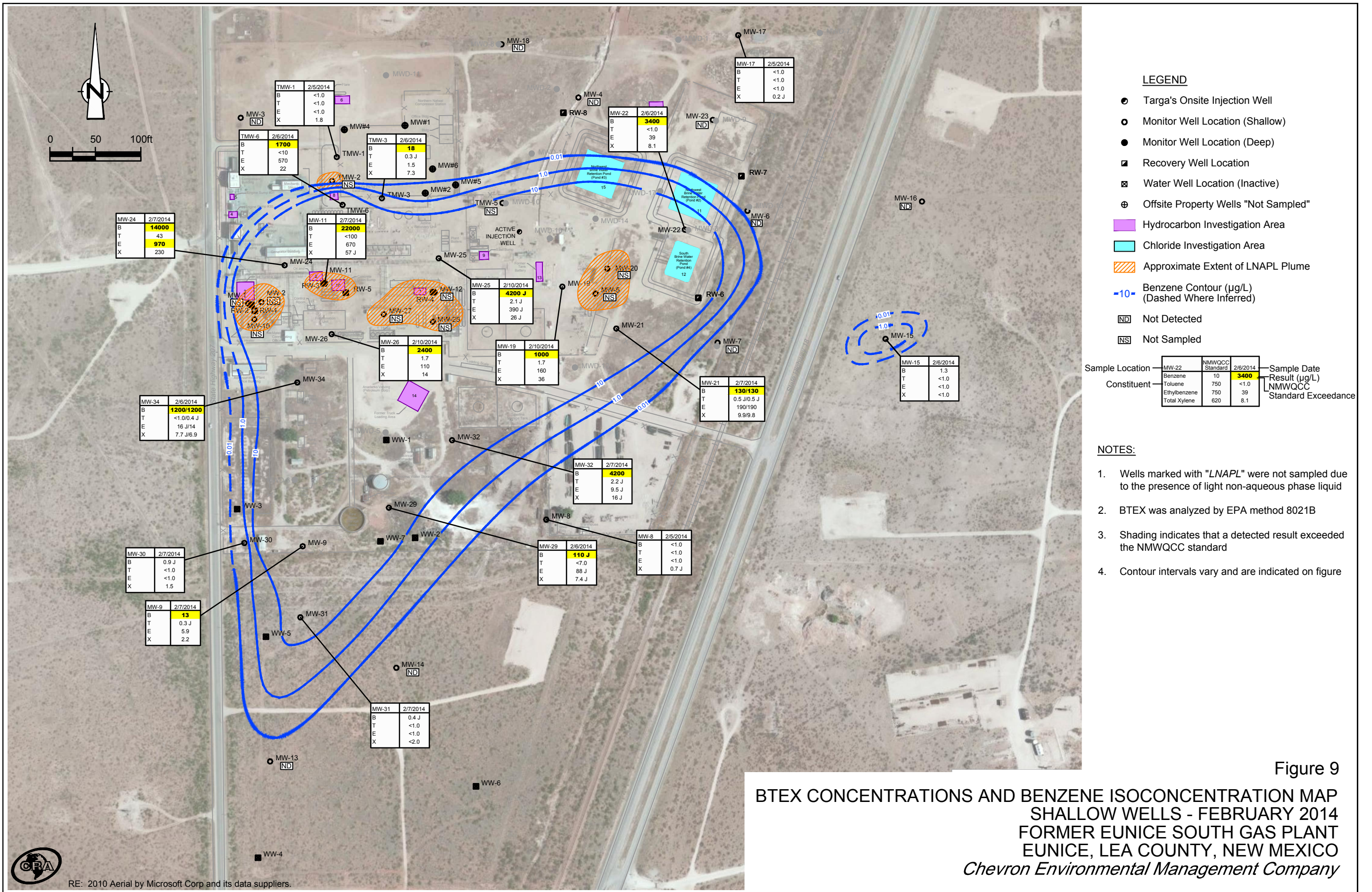
1. Wells gauged in February 2014.

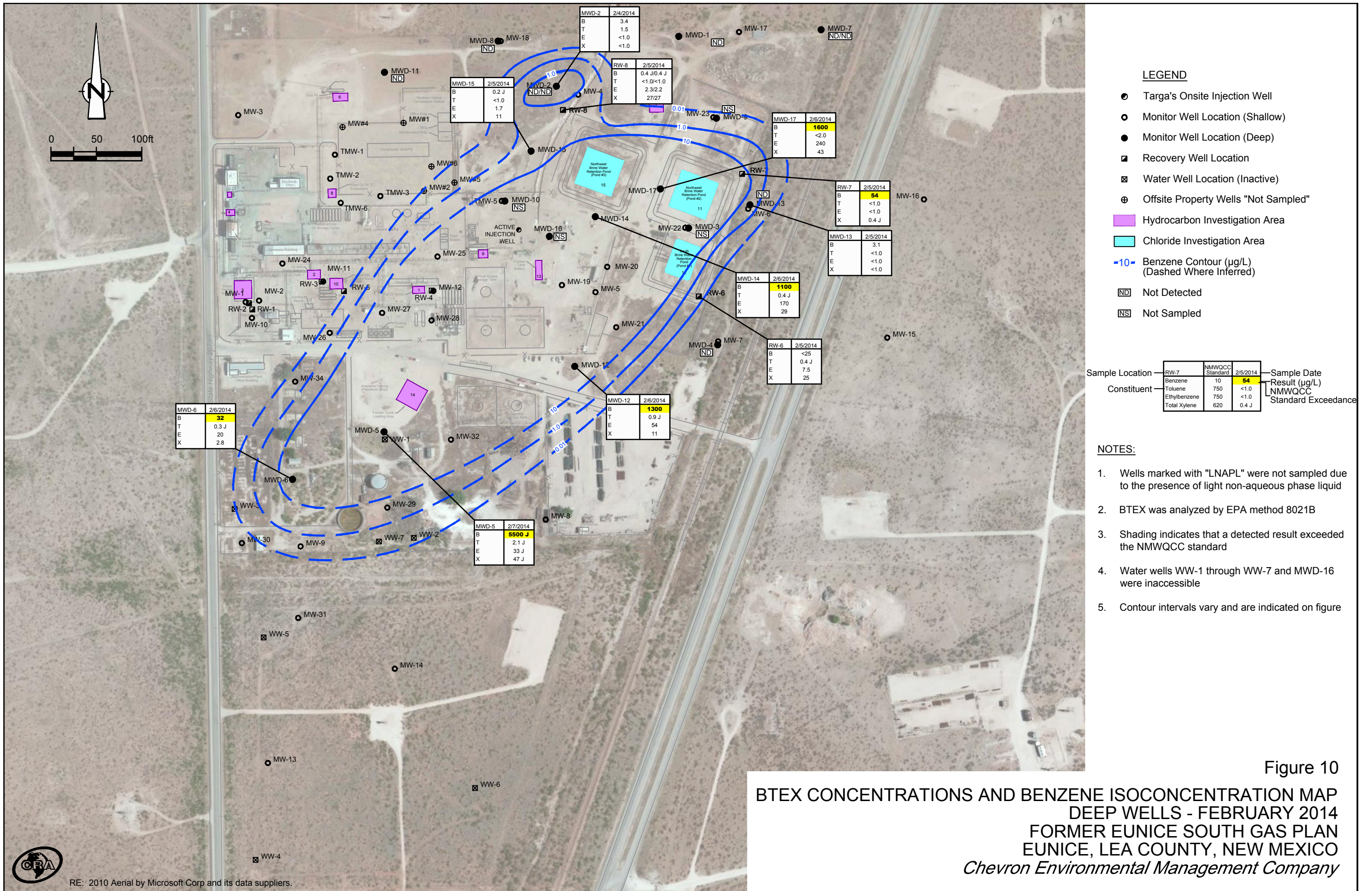
Figure 7
LNAPL THICKNESS ISOPLETH MAP FEBRUARY 2014
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company



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

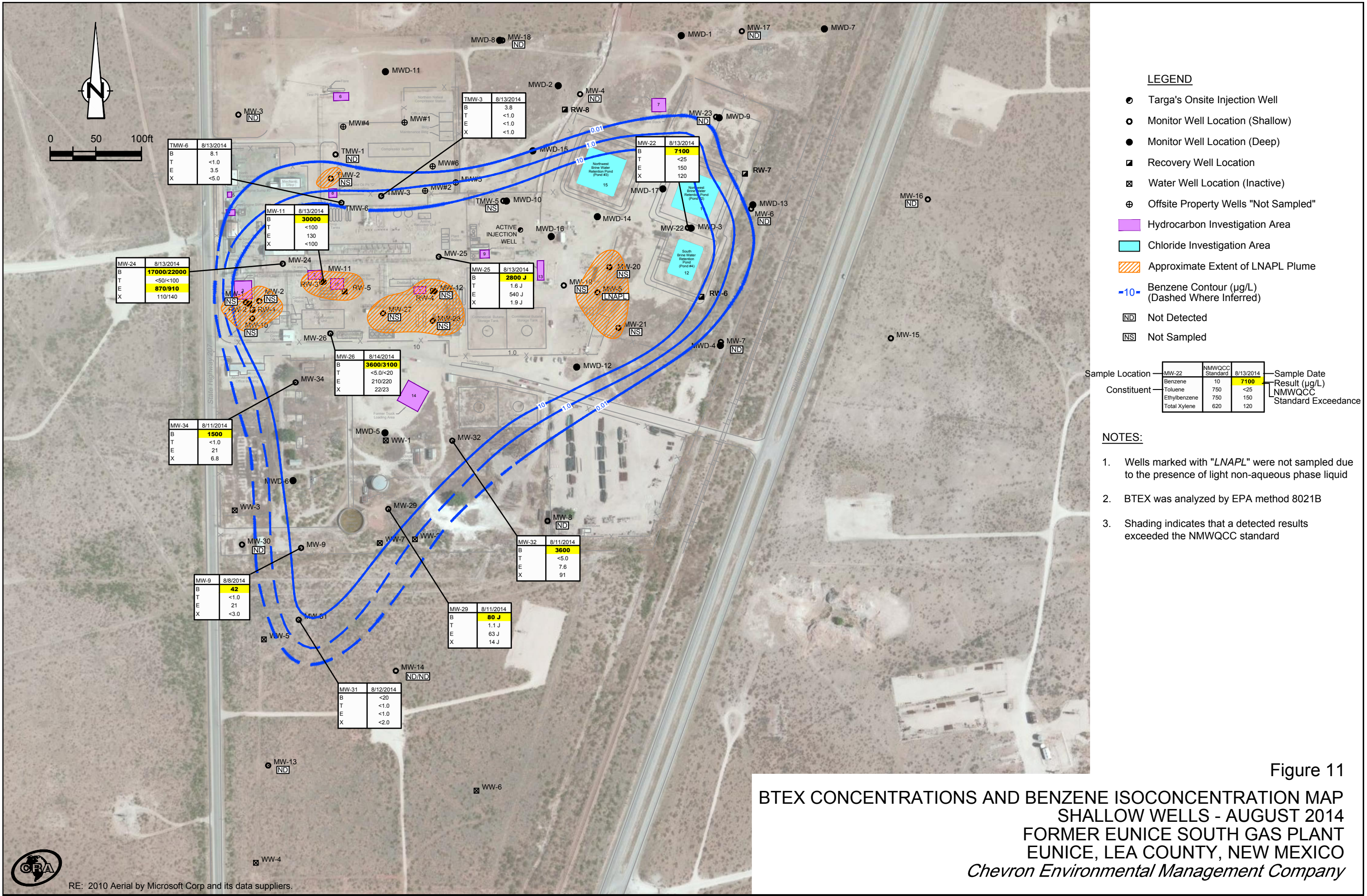




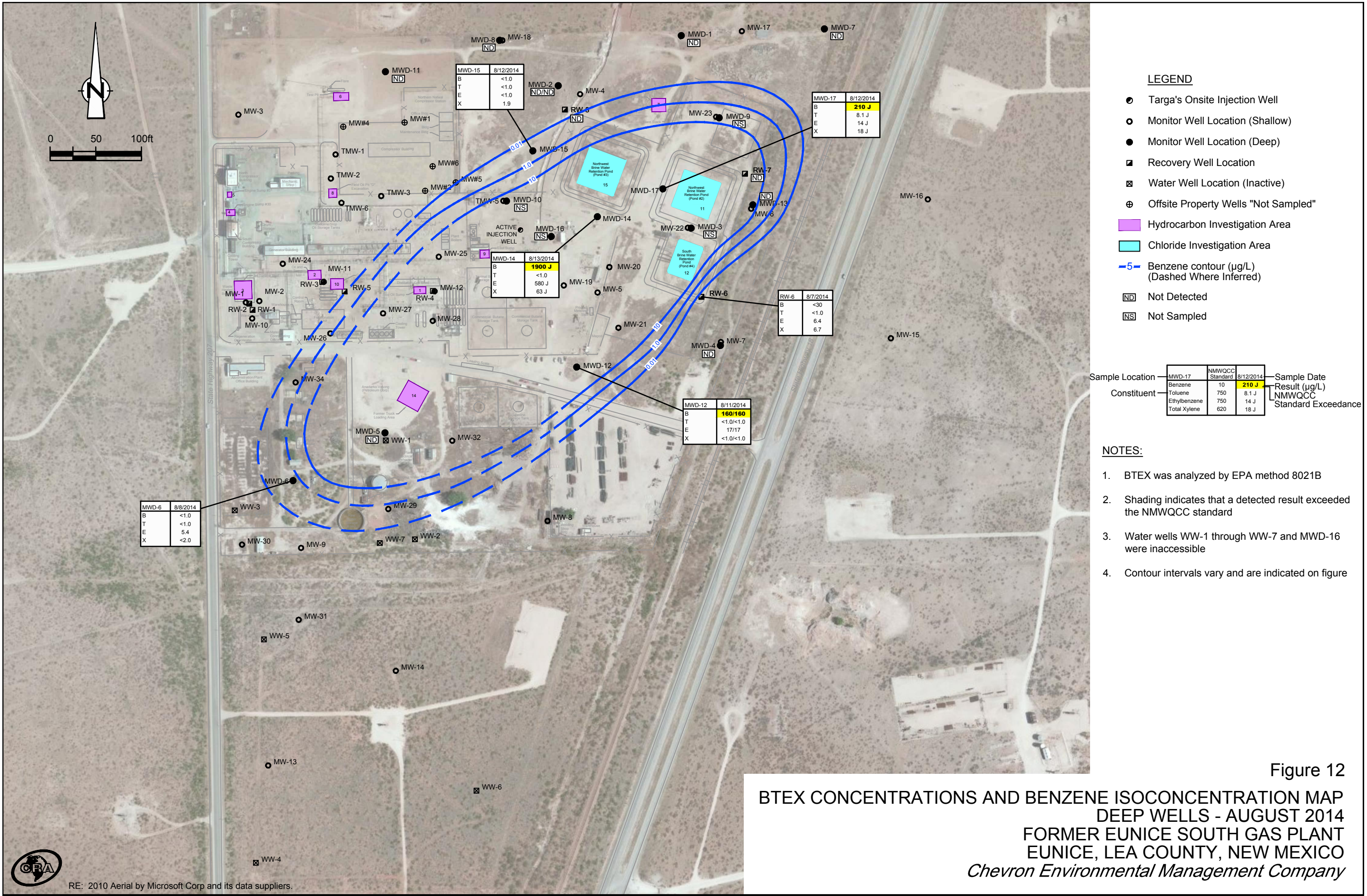


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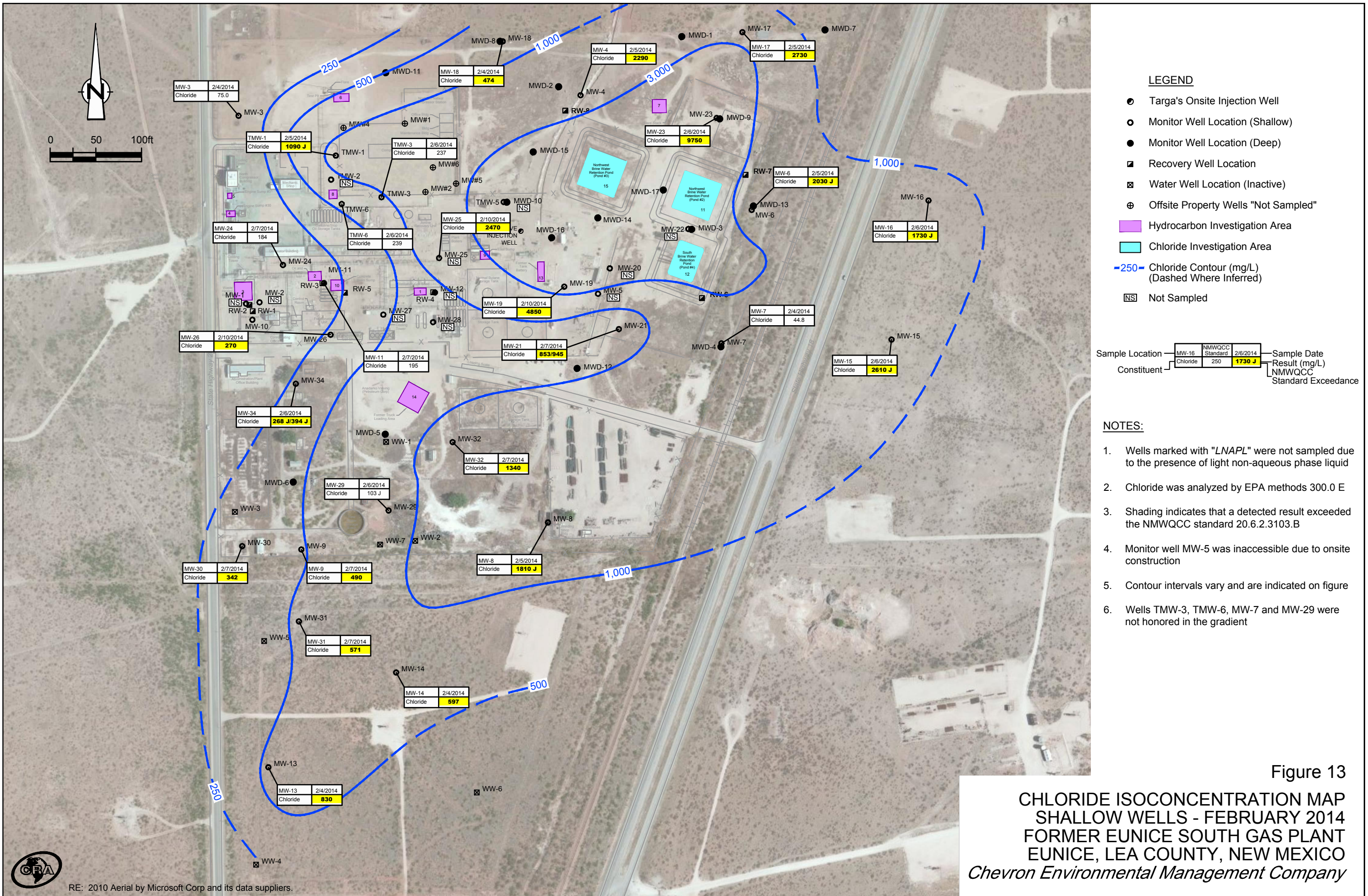
055271-00(010)GN-DL009 JAN 8/2015

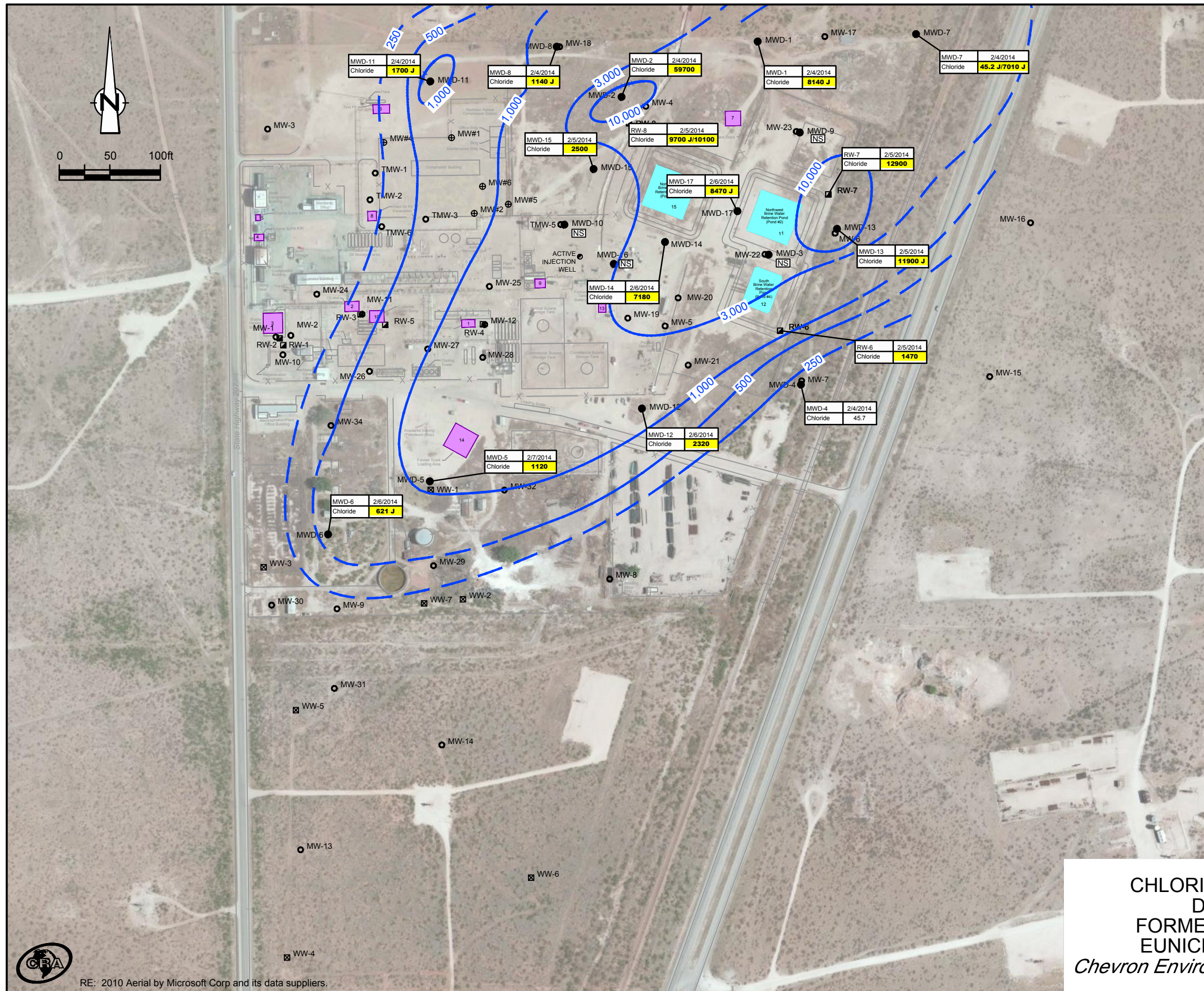


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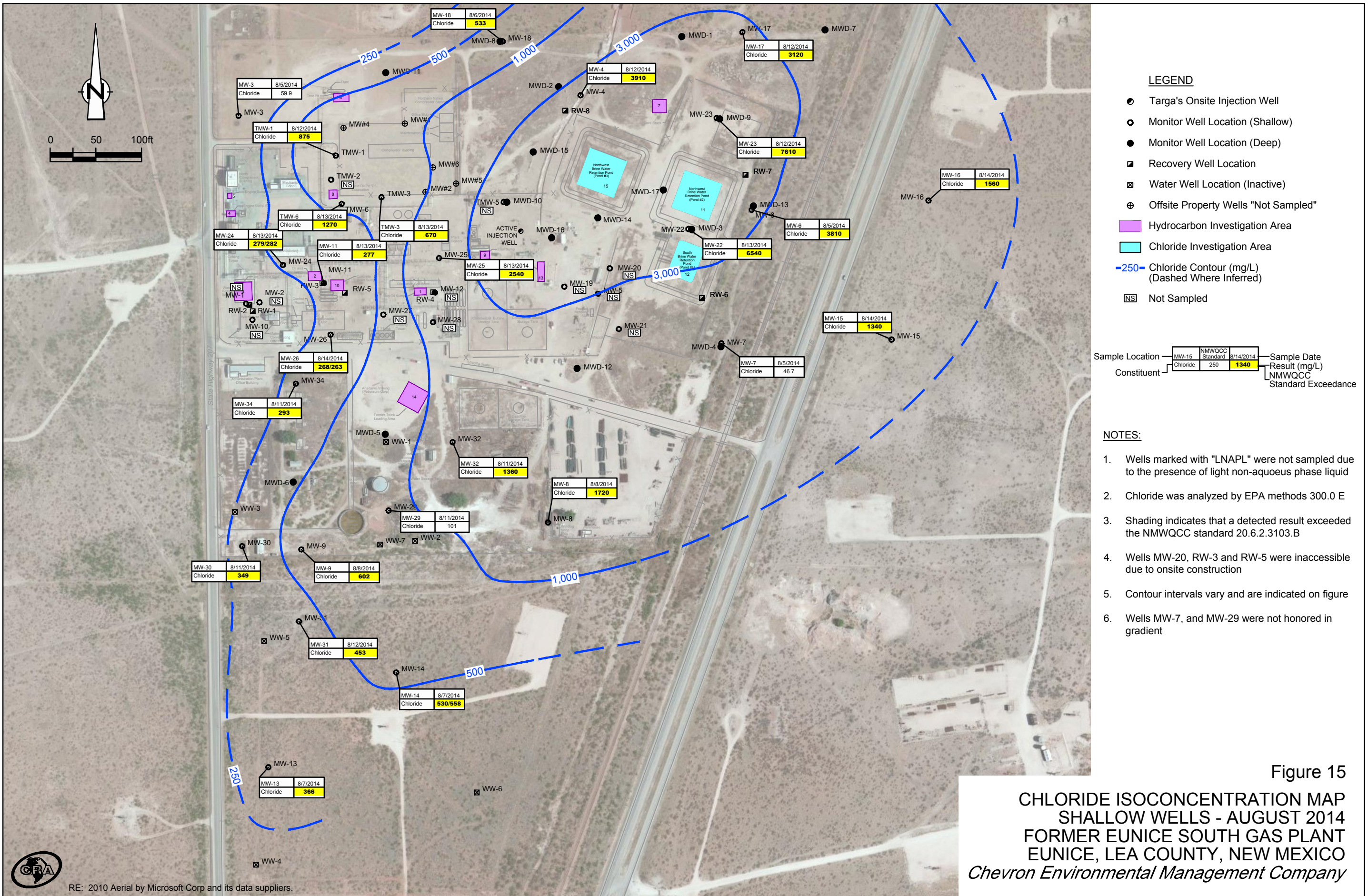
LEGEND

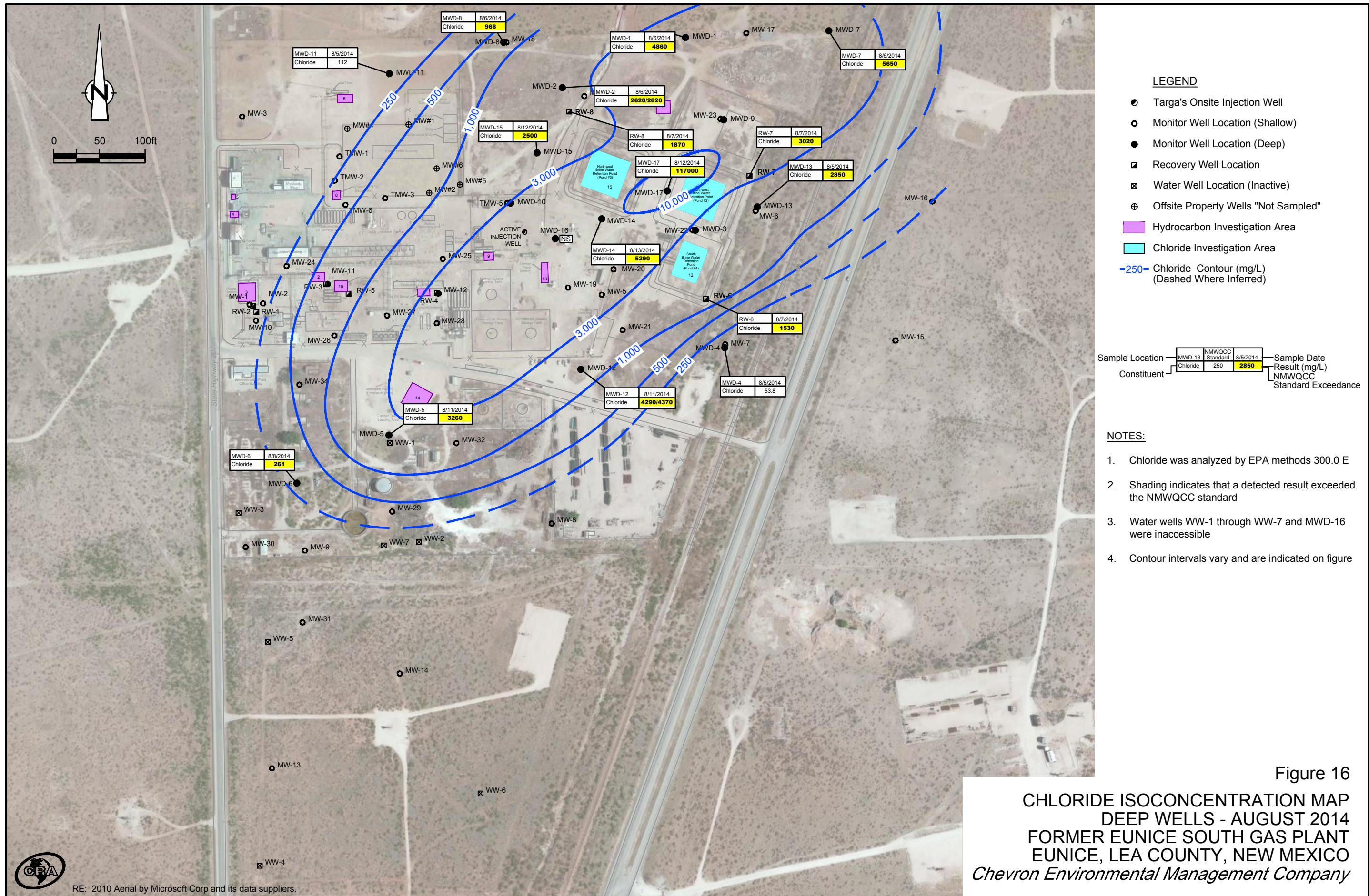
- Targa's Onsite Injection Well
- Monitor Well Location (Shallow)
- Monitor Well Location (Deep)
- Recovery Well Location
- ⊠ Water Well Location (Inactive)
- Offsite Property Wells "Not Sampled"
- Hydrocarbon Investigation Area
- Chloride Investigation Area
- 250- Chloride contour (mg/L)
(Dashed Where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

Sample Location	Constituent	NMWQCC Standard	Sample Date	Result (mg/L)	NMWQCC Standard Exceedance
MWD-13	Chloride	250	2/5/2014	11900 J	

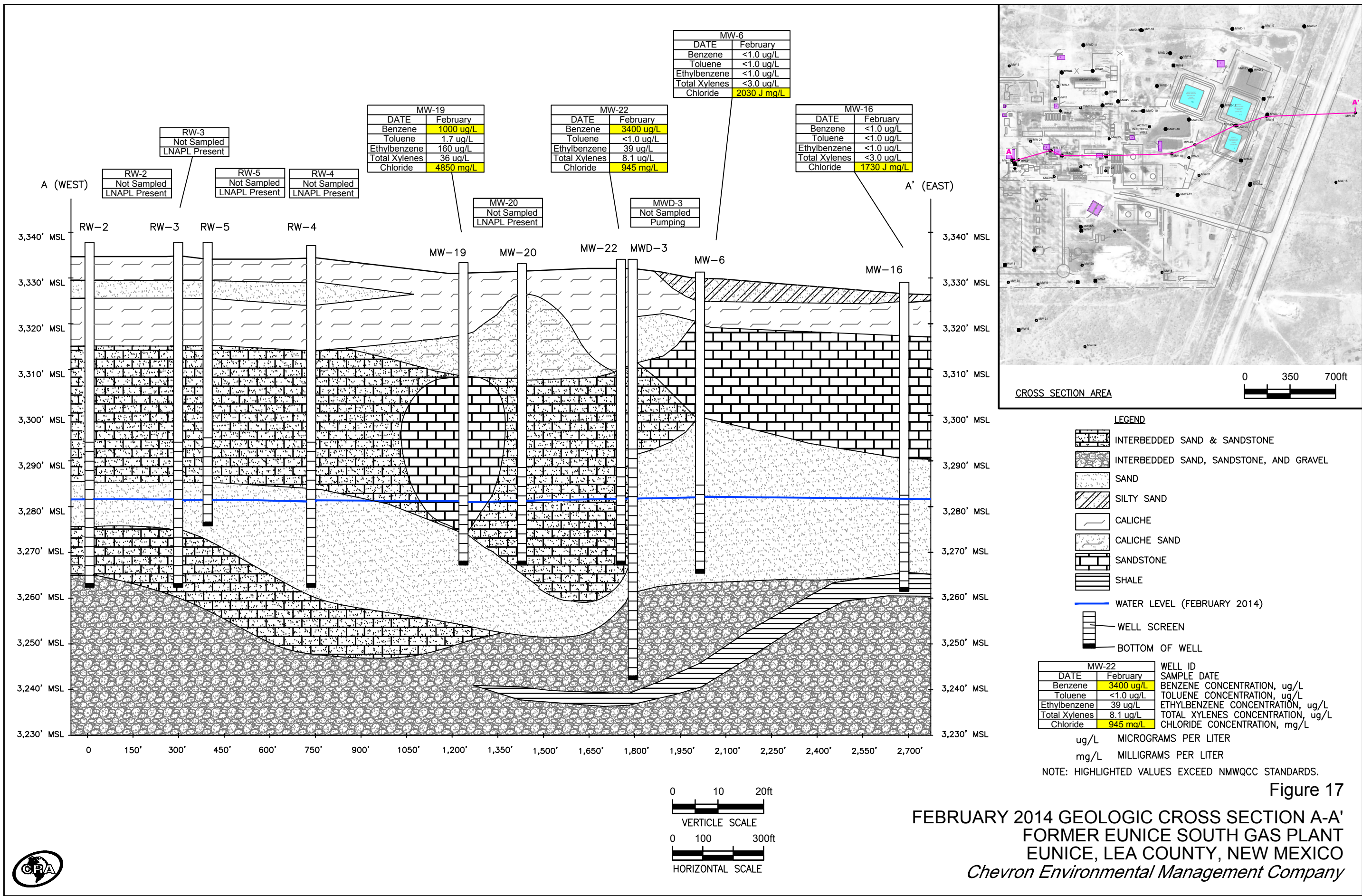
- NOTES:**
1. Wells marked with "LNAPL" were not sampled due to the presence of light non-aqueous phase liquid
 2. Chloride was analyzed by EPA methods 300.0 E
 3. Shading indicates that a detected result exceeded the NMWQCC standard 20.6.2.3103.B
 4. Contour intervals vary and are indicated on figure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

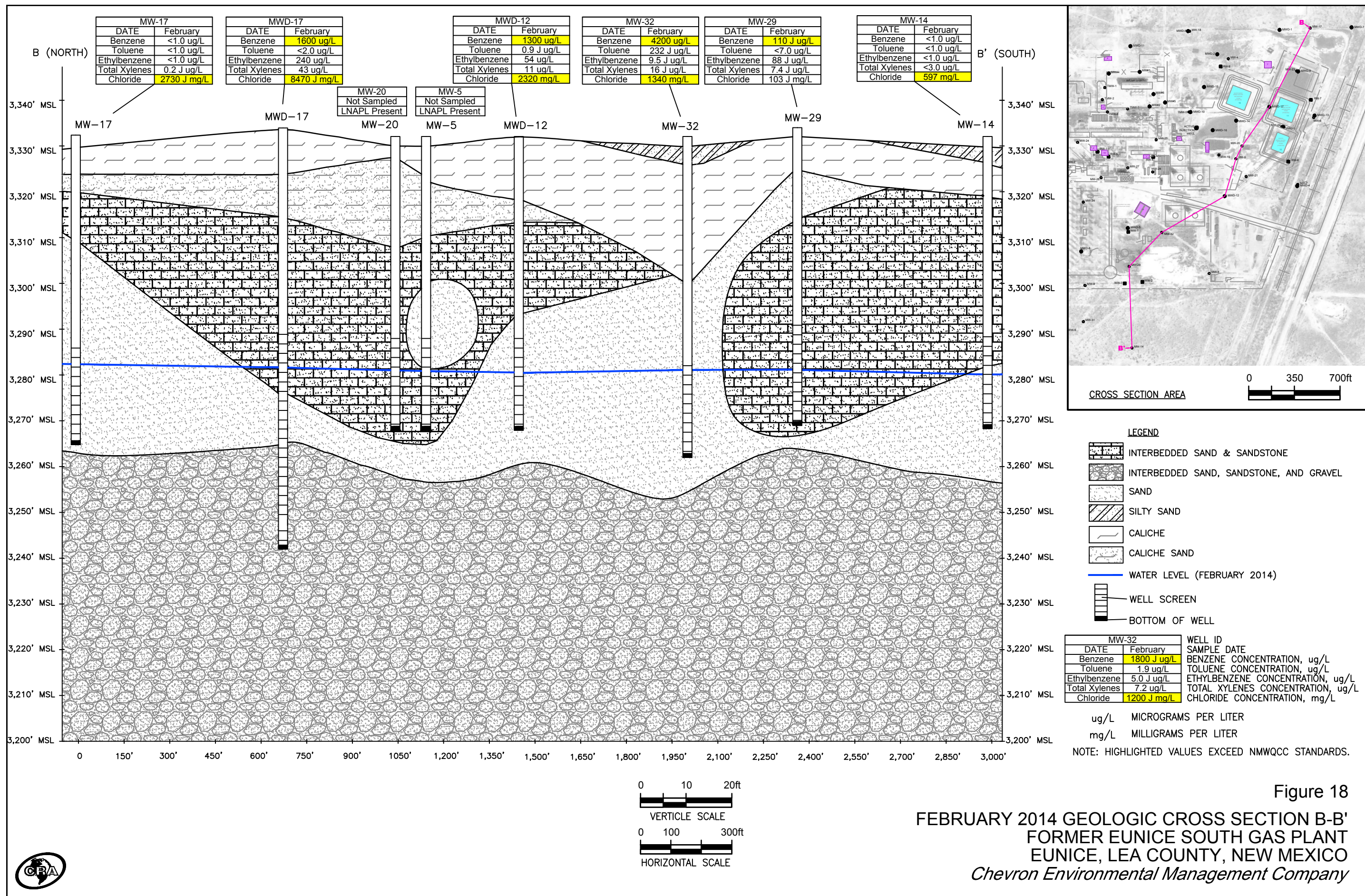
Figure 14
CHLORIDE ISOCONCENTRATION MAP
DEEP WELLS - FEBRUARY 2014
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

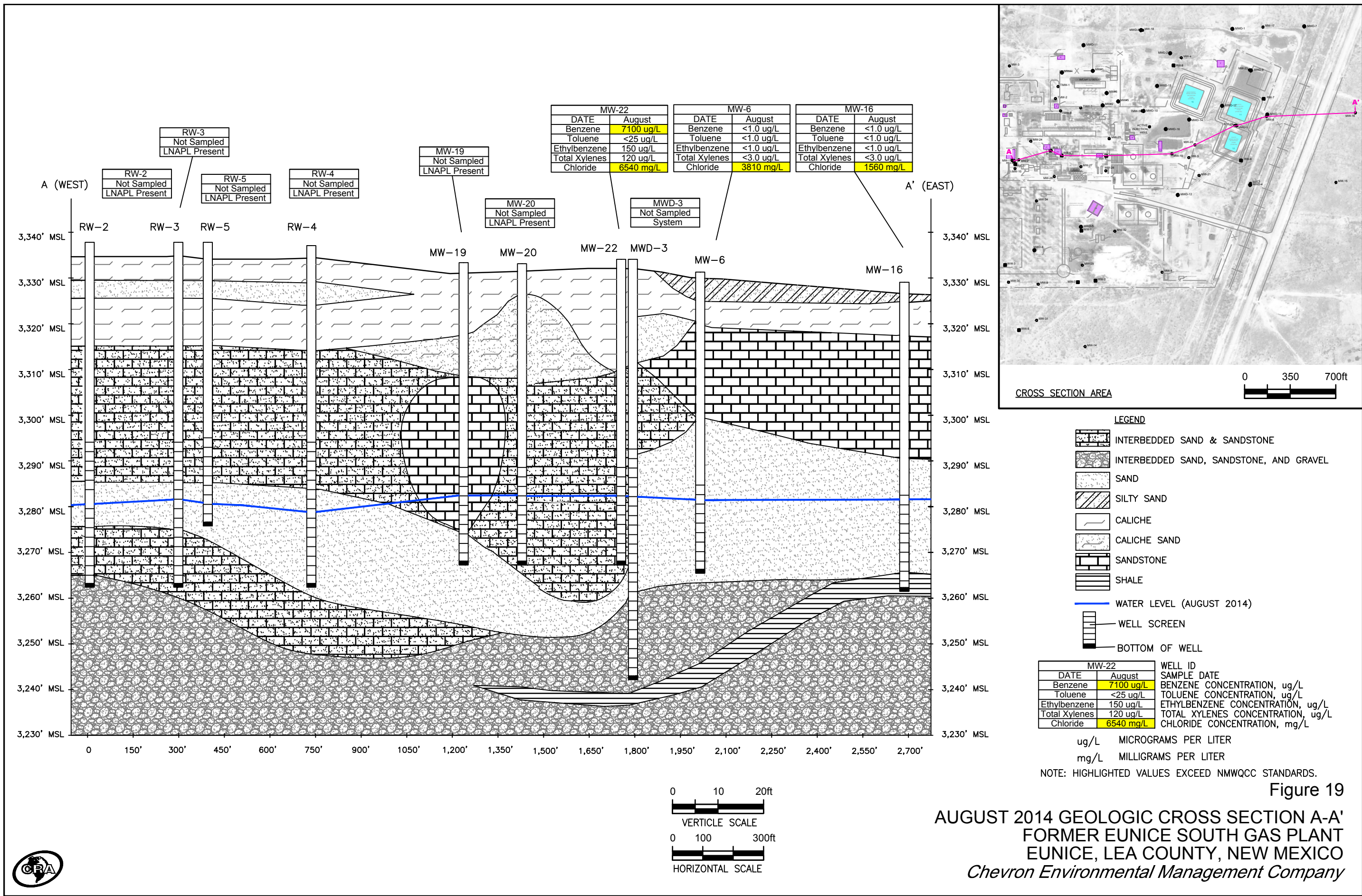


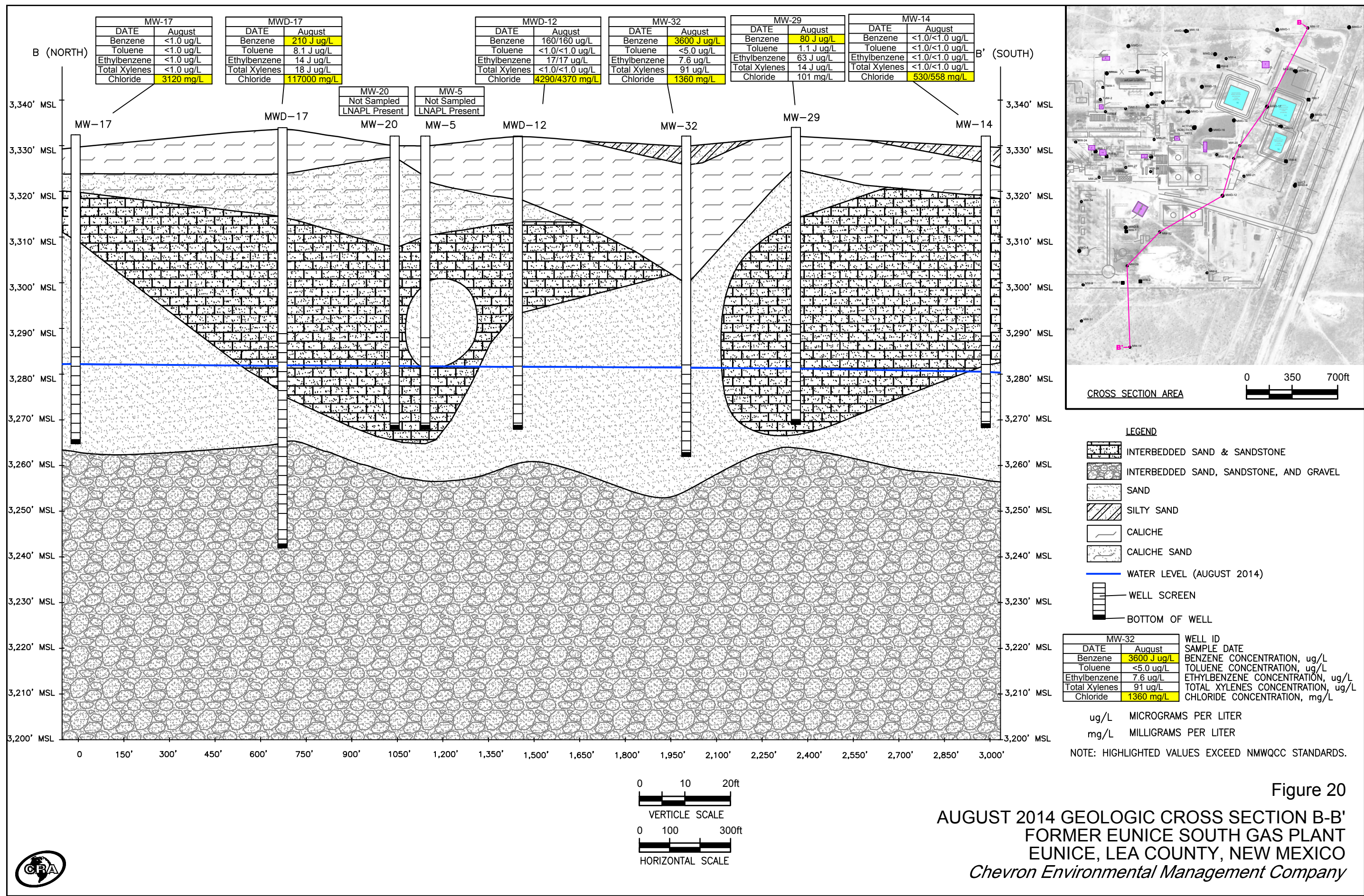


RE: 2010 Aerial by Microsoft Corp and its data suppliers.









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	
	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
	TOTALS (2004-2014)	6,234.1	24.0	6,258.1

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.

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
MW-20	2013	40.7	0.3	41.0
	2014	72.0	0	72.0
GRAND TOTAL (2003-2014)		5,270	57,604	62,874

Notes:

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

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

Year	MWD-3	MWD-9	RW-6	RW-7	RW-8	Year End Totals (bbls)
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	17,827.7	34,318.1	0	0	0	52,146
Totals	261,038.1	356,873.7	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 ² (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
<i>Shallow Monitor Wells</i>								
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	---	
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	---	---	---	
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	---	
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	---	

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 ² (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	---	---	3,281.81	---	
		8/5/14	51.22	---	---	3,281.11	---	
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	---	---	3,281.43	---	
		8/5/14	49.30	---	---	3,281.13	---	
MW-8 3330.59	4"	2/2/09	49.48	---	---	3,281.11	---	46.7-66.7
		8/4/09	49.66	---	---	3,280.93	68.80	
		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	---	---	3,280.89	---	
		8/5/14	49.74	---	---	3,280.85	---	
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	---	---	3,281.23	---	
		8/5/14	53.58	---	---	3,281.15	---	

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 ² (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	---	
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	---	---	3,282.38	---	
		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	---	
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	---	
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	---	

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 ² (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	---	---	3,280.22	---	
		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	---	---	3,280.33	---	
		8/5/14	52.77	---	---	3,280.27	---	
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	---	---	3,280.90	---	
		8/5/14	48.22	---	---	3,280.76	---	
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	---	---	3,281.43	---	
		8/5/14	48.97	---	---	3,281.23	---	
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	---	---	3,282.51	---	
		8/5/13	51.90	---	---	3,282.42	---	
		2/3/14	51.72	---	---	3,282.60	---	
		8/5/14	52.26	---	---	3,282.06	---	

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 Elevation² (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs²)			
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	---				
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	---				
		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			---	---	3,281.49	---				
2/3/14	51.31			---	---	3281.71	---				
8/5/14	51.70			51.64	0.06	3281.37	---				
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	---				

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 ² (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	---	
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	---	
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	---	
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	---	

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 ² (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	3282.4	---	
		8/5/14	54.96	52.00	2.96	3282.34	---	
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	---	---	3281.34	---	
		8/5/14	52.76	---	---	3281.25	---	
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	---	---	3281.20	---	
		8/5/14	55.34	---	---	3281.15	---	
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	---	---	3280.69	---	
		8/5/14	53.88	---	---	3280.64	---	

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 Elevation* (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs²)
MW-32 3333.01	4"	2/4/09	51.28	---	---	3,281.73	---	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	---	
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	---	
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	---	
RW-2 3337.84	6"	3/9/09	58.04	55.75	2.29	3,281.60	74.50	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	---	

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 ² (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	3,281.57	---	---
		8/5/14	57.68	56.26	1.42	3,281.50	---	---
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	3,279.02	---	---
		8/5/14	57.67	54.51	3.16	3,278.93	---	---
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	3,278.33	---	---
		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	3,278.56	---	---
		8/5/14	---	55.19	---	---	---	---
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	3,278.52	---	---
		8/5/14	56.86	53.80	3.06	3,278.42	---	---

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 Elevation² (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs²)
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	---	
		MW-20 3334.06	4"	2/4/09	54.37	52.44	1.93	
3/18/09	56.92			52.25	4.67	3,281.10	---	
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	---	
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	---	

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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 ² (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	54.9	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	3,283.29	---	
		8/5/14	56.93	54.88	2.05	3,283.24	---	
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	---	---	3,283.06	---	
		8/5/14	53.68	---	---	3,282.99	---	
TMW-5 3335.66	4"	2/18/09	53.50	---	---	3,282.16	---	NA
		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				---	
TMW-6 3335.36	4"	2/17/09	52.36	---	---	3,283.00	---	NA
		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	---	---	3,283.13	---	
		8/5/14	52.27	---	---	3,283.09	---	

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 ² (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ²)
<i>Deep Monitor Wells</i>								
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	---	
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	---	
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	---	
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	---	

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 ² (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	---	
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	---	
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	---	---	3,282.30	---	
		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	---	
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			

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 ² (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	---	---	3,283.16	---	
		8/5/14	55.13	---	---	3,283.11	---	
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	---	
		4/11/11	53.03	---	---	3,281.05	---	
		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	---	---	3,281.29	---	
		8/5/14	52.95	---	---	3,281.13	---	
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	---	---	3,281.42	---	
		8/5/14	51.40	---	---	3,280.71	---	
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	---	---	3,281.86	---	
		8/5/14	52.35	---	---	3,281.41	---	

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 Elevation² (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		
		2/6/12	54.81	---	---	3,280.54	---		
		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	---		
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						
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	---		
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 ² (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	53.30	---	---	3,280.88	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 Elevation* (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				---			
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				---			

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 ² (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs ³)
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	---	
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	---	
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	---	

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 oC	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				
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				
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
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

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 oC	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
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
MW-8 <i>DUP</i>	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
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

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 oC	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				
	8/10/09	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
	8/13/2014	6.5	26.08	1,682	-113.4	0.22
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				
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

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 oC	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	2,051	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
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
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
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	8,495	-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

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 oC	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	
	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	
DUP 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	
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	-43.5	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	

TABLE 6
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SHALLOW WELLS
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature oC	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
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
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
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

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 oC	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
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
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

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 oC	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
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
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				
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				

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 oC	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		
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		
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		
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		

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 oC	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				
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				
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
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				

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 oC	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
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				
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

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 oC	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
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
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'	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
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

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 oC	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
MWD-6 <i>DUP</i>	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
	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
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
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
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				

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 oC	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
DUP	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
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
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
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

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 oC	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
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				
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
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				

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 oC	Conductivity (uS/cm) ¹	Oxidation Reduction Potential (mV) ²	Dissolved Oxygen (mg/L) ³
WW-2	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				
WW-3	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				
WW-4	2/3/09	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				
WW-5	2/3/09	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				
WW-6	2/3/09	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				

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 oC	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				
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				
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				
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
	4/11/11	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	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

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 oC	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
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
DUP	2/5/14	6.89	15.08	23,900	-67.9	0.5
	8/7/14	7	24.95	5,605	-141	0.31

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
<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			
	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			
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			
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
	8/5/14	<1.0	<1.0	<1.0	<1.0
MW-4 DUP-2	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

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
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
MW-8	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
	(Dup) 8/8/12	<1.0	<1.0	<1.0	<3.0
	2/7/13	<1.0	<1.0	<1.0	<3.0
	(Dup) 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
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

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			
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
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			
MW-13	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
	(Dup) 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

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
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
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
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

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
MW-19 (Dup)	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 (Dup)	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 DUP	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

TABLE 8
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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
	4/6/11	<1.0	<1.0	<1.0	<3.0
DUP-2	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
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
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
	8/11/10	8,600	<20	860	<60
DUP	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
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
	8/11/10	1,700	1.8	150	22
	4/7/11	2,800	2.3	110	8.5
	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

TABLE 8
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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		
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
DUP-1	8/10/11	190	<5.0	230	<15
	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
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
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

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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
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
DUP-2	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
(Dup)	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
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			
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			

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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
RW-3	3/9/09	Not Sampled -- LNAPL			
	8/10/09				
	4/4/11				
	8/8/11				
	2/6/12				
	8/14/12				
	2/5/13				
	8/5/13				
	2/5/14				
	8/5/14				
RW-4	3/9/09	Not Sampled -- LNAPL			
	8/10/09				
	4/4/11				
	8/8/11				
	2/6/12				
	8/14/12				
	2/5/13				
	8/5/13				
	2/5/14				
	8/5/14				
RW-5	3/9/09	Not Sampled -- LNAPL			
	8/10/09				
	4/4/11				
	8/8/11				
	2/6/12				
	8/14/12				
	2/5/13				
	8/5/13				
	2/5/14				
	8/5/14				
MW-28	3/9/09	Not Sampled -- LNAPL			
	8/10/09				
	4/4/11				
	8/8/11				
	2/6/12				
	8/14/12				
	2/5/13				
	8/5/13				
	2/5/14				
	8/5/14				
East Side Shallow LNAPL Recovery Wells					
MW-5	3/9/09	Not Sampled -- LNAPL			
	8/10/09				
	4/4/11				
	8/8/11				
	2/6/12				
	8/7/12				
	2/5/13				
	8/5/13				
	2/5/14				
	8/5/14				

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
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			
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
	2/5/2014	<1.0	<1.0	<1.0	1.8
	8/12/2014	<1.0	<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			
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
	2/6/2014	18	0.3 J	1.5	7.3
	8/13/2014	3.8	<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
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	<10	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			
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
	2/6/2014	1700	<10	570	22
	8/13/2014	8.1	<1.0	3.5	<5.0

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
<i>Deep Monitor Wells</i>					
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
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
(Dup)	8/6/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<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

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-5 (Dup)	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
	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
MWD-6 DUP-1 DUP	2/12/09	5.8	<1.0	8.3	<3.0
	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
	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
MWD-7 (Dup)	2/11/09	2.3	<1.0	2.8	<3.0
	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

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-8	2/10/09	7	1.4	4.8	<3.0
	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
MWD-10 DUP-2	2/12/09	700	<1.0	100	18
	8/10/09	700	<1.0	67	13
	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 DUP-4 DUP-3 DUP DUP	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
	4/15/11	4.3	<1.0	<1.0	<3.0
	8/19/11	4.0	<1.0	1.4	<3.0
	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
	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
	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

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-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
MWD-13 DUP-1	2/5/09	1.2	<1.0	3.6	3.1
	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
MWD-14 DUP-4 DUP-4	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			
	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
	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

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-15 DUP-3	2/12/09	440	1.4	210	56
	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
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			
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

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)
<i>NMWQCC Standard²</i>		10	750	750	620
<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			
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			
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			

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-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			
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			
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			

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 Standard ²		10	750	750	620
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			
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			
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			

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-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
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
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

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. 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
<i>Shallow Monitor Wells</i>			
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	
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	
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
MW-4 DUP-2	2/11/09	4,190	9,220
	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

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
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
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
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

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-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	
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
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

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
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
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
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

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
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
	2/10/14	4850	9720
MW-21	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
	2/7/14	853	2540
(Dup)			
MW-22	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
DUP			

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
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
	(Dup) 8/13/14	279	1330
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
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
	(DUP) 8/12/13	277	1,330
	2/10/14	270	1390
	8/14/14	263	1260
	(Dup) 8/14/14	268	1240

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	
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
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
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

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
	2/12/10	1,370	3,810
	8/9/10	1,860	3,750
	4/6/11	2,080	3,990
DUP-1	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
	8/11/14	1360	3310
MW-34	2/4/09	73.3	569
	8/13/09	93.2	697
	2/16/10	226	942
	8/23/10	206	1,030
	4/6/11	385	1,230
	8/10/11	392	1,410
DUP-2	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
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	
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	

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	
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	
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	
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	
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	

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
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

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	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
DUP	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	
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

Notes:

1. Chloride analysed by EPA Methods 300.0E.
2. Total Dissolved Solids (TDS) analysed by SM 2540C.
3. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.B
4. mg/L (ppm) - milligrams per liter (parts per million)
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

Well ID	Collection Date	Chloride ¹ (mg/L)	Total Dissolved Solids ² (mg/L)	
NMWQCC Standard ³		250	1,000	
Deep Monitor Wells				
MWD-1	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	
DUP	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	
MWD-2	2/10/09	14,500	31,100	
	8/12/09	18,200	25,900	
	2/8/10	27,900	44,900	
	DUP	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	
	(DUP)	2/5/13	7,570 J	9,240
		2/5/13	7,920 J	9,530
		8/8/13	11,500 J	18,900
	(Dup)	2/4/14	59700	60200
		8/6/14	2620	5120
		8/6/14	2620	5250
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	

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
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
MWD-7 (Dup)	2/11/09	7,940	14,700
	8/6/09	7,610	16,600
	2/8/10	8,040	15,100
	8/4/10	7,630	14,100
	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

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-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
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

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
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
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

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
MWD-16	2/12/09	8,080	16,500
	8/10/09	8,750	17,600
	2/9/10	7,160	14,100
	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	
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

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 Standard ³		250	1,000
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	
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	
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	

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	
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	
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	
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	

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)
<i>NMWQCC Standard³</i>		250	1,000
<i>Deep Chloride Recovery Wells</i>			
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	
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	
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

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-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
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
	2/5/14	9700 J	15500
(Dup)	8/7/14	1870	4380

- 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)
NMWQCC Standard ³		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							
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							
MW-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
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

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
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
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
MW-8 DUP	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
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

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
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
	2/11/13	<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
MW-12	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-13	2/9/09	<0.00020	0.0286	<0.0200	3.31	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	0.0246	<0.0200	2.69	<0.0050	<0.0150	<0.0150	<0.0050
	2/12/10	<0.00020	<0.0200	<0.0200	0.139	<0.0050	<0.0150	0.0217	<0.0050
	8/6/10	<0.00020	<0.0200	<0.0200	0.0937	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	0.0339	<0.0200	2.72	<0.0050	<0.0150	<0.0150	<0.0050
	8/15/11	<0.00020	0.0235	<0.0200	3.92	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/12	<0.00020 J	0.0276	<0.0200	3.86	<0.0050	<0.0150	0.0243	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	0.236	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/13	<0.00020	<0.0200	<0.0200	0.122	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/13	<0.00020	0.0249	<0.0200	3.89	<0.0050	<0.0150	<0.0150	<0.0050
	(DUP) 8/6/13	<0.00020	0.0248	<0.0200	3.40	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0137 J	<0.0200	0.129	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/14	<0.00020	0.0291	<0.0200	1.45	<0.0050	<0.0150	<0.0150	<0.0050
MW-14	2/9/09	<0.00020	<0.0200	<0.0200	0.0612	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	<0.0200	<0.0200	0.0615	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/10	<0.00020	<0.0200	<0.0200	0.055	<0.0050	<0.0150	0.0189	<0.0050
	8/4/10	<0.00020	<0.0200	<0.0200	0.0572	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	<0.0200	<0.0200	0.0600	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/11	<0.00020	<0.0200	<0.0200	0.0865	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/12	<0.00020 J	<0.0200	<0.0200	0.0557	<0.0050	<0.0150	0.0304	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	0.0658	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/13	<0.00020	<0.0200	<0.0200	0.0545	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/13	<0.00020	<0.0200	<0.0200	0.0656	<0.0050	<0.0150	<0.0150	<0.0050
	2/4/14	<0.00020	0.0105 J	<0.0200	0.0516	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/14	<0.00020	<0.0200	<0.0200	0.0574	<0.0050	<0.0150	<0.0150	<0.0050
	(Dup) 8/7/14	<0.00020	<0.0200	<0.0200	0.0539	<0.0050	<0.0150	<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)
NMWQCC Standard³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MW-15 DUP	2/9/09	<0.00020	<0.0200	<0.0200	0.0508	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	0.0252	<0.0200	0.0428	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/10	<0.00020	<0.0200	<0.0200	0.0461	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/10	<0.00020	<0.0200	<0.0200	0.0403	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	0.0462	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	<0.0200	<0.0200	0.0464	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	<0.0200	<0.0200	0.0419	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	<0.0200	<0.0200	0.0416	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/12	<0.00020	0.0203	<0.0200	0.0440	<0.0050	<0.0150	0.0164	<0.0050
	2/7/13	<0.00020	<0.0200	<0.0200	0.0411	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	0.0447	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.0020	0.0106 J	<0.0200	0.0420	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/14	--	<0.0200 J	<0.0200	0.0523	<0.0050	<0.0150 J	<0.0150	<0.0050
MW-16	2/9/09	<0.00020	<0.0200	<0.0200	0.0423	<0.0050	0.138	<0.0150	<0.0050
	8/6/09	<0.00020	<0.0200	<0.0200	0.036	<0.0050	0.123	<0.0150	<0.0050
	2/8/10	<0.00020	<0.0200	<0.0200	0.0352	<0.0050	0.109	<0.0150	<0.0050
	8/4/10	<0.00020	<0.0200	<0.0200	0.0428	<0.0050	0.138	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	0.0344	<0.0050	0.114	<0.0150	<0.0050
	8/9/11	<0.00020	<0.0200	<0.0200	0.0378	<0.0050	0.0936	<0.0150	<0.0050
	2/15/12	<0.00020	<0.0200	<0.0200	0.0330	<0.0050	0.108	<0.0150	<0.0050
	8/13/12	<0.00020	<0.0200	<0.0200	0.0353	<0.0050	0.101	0.0165	<0.0050
	2/6/13	<0.00020	<0.0200	<0.0200	0.0347	<0.0050	0.0965	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	0.0362	<0.0050	0.0783	<0.0150	<0.0050
	2/6/14	<0.0020	0.0132 J	0.0089 J	0.0373	<0.0050	0.0952	<0.0150	<0.0050
	8/14/14	--	<0.0200 J	<0.0200	0.0414	<0.0050	0.104 J	<0.0150	<0.0050
MW-17 (DUP)	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
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
MW-19 DUP	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

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
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 DUP	2/11/09	<0.00020	0.0508	<0.0200	0.542	<0.0050	<0.0150	<0.0150	<0.0050
	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
MW-23 DUP-2	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
MW-24 (Dup)	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

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-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	
DUP	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	
DUP	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	
	1/4/00									
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					
(Dup)	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	
	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					
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	
DUP-1	2/15/10	<0.00020	<0.0200	<0.0200	6.97	<0.0050	<0.0150	<0.0150	<0.0050	
	2/15/10	<0.00020	<0.0200	<0.0200	7.01	<0.0050	<0.0150	<0.0150	<0.0050	
	8/23/10	<0.00020	<0.0200	<0.0200	7.02	<0.0050	<0.0150	<0.0150	<0.0050	
DUP-1	4/7/11	<0.00020	<0.0200	<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	
	8/10/11	<0.00020	<0.0200	<0.0200	5.16	<0.0050	<0.0150	<0.0150	<0.0050	
	2/9/12	<0.00020 J	<0.0200	<0.0200	4.97	<0.0050	<0.0150	0.0375	<0.0050	
	8/8/12	<0.00020	<0.0200	<0.0200 J	6.36	<0.0050	<0.0150	<0.0150	<0.0050	
(DUP)	2/8/13	<0.00020	<0.0200	<0.0200	5.90	<0.0050	<0.0150	<0.0150	<0.0050	
	2/8/13	<0.00020	<0.0200	<0.0200	5.74	<0.0050	<0.0150	<0.0150	<0.0050	
	8/8/13	<0.00020 J	<0.0200	<0.0200	4.14	<0.0050	<0.0150	<0.0150	<0.0050	
	2/6/14	<0.0020	<0.0200	<0.0200	3.72	<0.0050	<0.0150	<0.0150	<0.0050	
	8/11/14	--	<0.0200 J	<0.0200	4.09	<0.0050	<0.0150 J	<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	

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
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
MW-32	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
MW-34	2/4/09	<0.00020	<0.0200	<0.0200	1.92	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	<0.0200	<0.0200	2.42	<0.0050	<0.0150	<0.0150	<0.0050
	2/16/10	<0.00020	<0.0200	<0.0200	3.91	<0.0050	<0.0150	<0.0150	<0.0050
	8/23/10	<0.00020	<0.0200	<0.0200	3.54	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	<0.0200	<0.0200	4.66	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	<0.0200	<0.0200	4.95	<0.0050	<0.0150	<0.0150	<0.0050
	DUP-2 8/10/11	<0.00020	<0.0200	<0.0200	5.55	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/12	<0.00020 J	<0.0200	<0.0200	4.17	<0.0050	<0.0150	0.0357	<0.0050
	8/8/12	<0.00020	<0.0200	<0.0200 J	4.49	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	<0.0200	<0.0200	4.15	<0.0050	<0.0150	<0.0150	<0.0050
	8/8/13	<0.00020 J	<0.0200	<0.0200	4.24	<0.0050	<0.0150	<0.0150	<0.0050
	2/6/14	<0.0020	<0.0200	<0.0200	3.95	<0.0050	<0.0150	<0.0150	<0.0050
	(Dup) 2/6/14	<0.0020	<0.0200	<0.0200	4.12	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/14	--	<0.0200 J	<0.0200	3.91	<0.0050	<0.0150 J	<0.0150	<0.0050
West Side Shallow LNAPL Recovery Wells									
RW-1	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				
RW-2	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				

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							
RW-3	3/9/09	Not Sampled -- LNAPL														
	8/10/09															
	4/7/11															
	8/9/11															
	2/6/12															
	8/14/12															
	2/5/13															
	8/5/13															
	2/5/14															
	8/5/14															
RW-4	3/9/09	Not Sampled -- LNAPL														
	8/10/09															
	4/7/11															
	8/9/11															
	2/6/12															
	8/14/12															
	2/5/13															
	8/5/13															
	2/5/14															
	8/5/14															
RW-5	3/9/09	Not Sampled -- LNAPL														
	8/10/09															
	4/7/11															
	8/9/11															
	2/6/12															
	8/14/12															
	2/5/13															
	8/5/13															
	2/5/14															
	8/5/14															
MW-28	3/9/09	Not Sampled -- LNAPL														
	8/10/09															
	4/7/11															
	8/9/11															
	2/6/12															
	8/14/12															
	2/5/13															
	8/5/13															
	2/5/14															
	8/5/14															
East Side Shallow LNAPL Recovery Wells																
MW-5	3/9/09	Not Sampled -- LNAPL														
	8/10/09															
	4/6/11									No Access - Construction on Site						
	8/9/11															
	2/6/12															
	8/7/12															
	1/21/13															
	8/5/13															
	2/5/14															
	8/5/14															
MW-20	3/9/09	Not Sampled -- LNAPL														
	8/10/09															
	4/7/11															
	8/9/11															
	2/6/12															
	8/7/12															
	1/21/13															
	8/5/13															
	2/5/14															
	8/5/14															

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
<i>Temporary Monitor Wells</i>									
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
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							
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
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							
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

Notes:

1. Dissolved Metal (Mercury) was analyzed by EPA Method 7470A.
2. Dissolved Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Selenium & Silver) were analyzed by EPA Method 6010B.
3. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A
4. mg/L (ppm) - milligrams per liter (parts per million)
5. LNAPL - Light non-aqueous phase liquid

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	
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	
	(Dup)	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		
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	
	8/5/10	<0.00020	<0.0200	<0.0200	0.102	<0.0050	<0.0750	<0.0150	<0.0250	
	DUP	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	
	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	
	(DUP)	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	
	MWD-4	2/5/09	<0.00020	0.0275	<0.0200	0.804	<0.0050	<0.0150	<0.0150	<0.0050
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	

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
MWD-5	2/12/09	<0.00020	0.088	<0.0200	6.35	<0.0050	<0.0150	<0.0150	<0.0050
	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
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
	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
(Dup)	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
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

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
MWD-8	2/10/09	<0.00020	<0.020	<0.020	0.0733	<0.0050	<0.0150	<0.0150	<0.0050
	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
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							
MWD-11	2/10/09	<0.00020	<0.020	<0.020	0.0906	<0.0050	<0.0150	<0.0150	<0.0050
DUP-4	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
DUP-3	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
(Dup)	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
(DUP)	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

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
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
(Dup)	8/11/14	--	0.0714 J	<0.0200	0.469	<0.0050	<0.0150 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
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

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
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
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							
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

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
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				
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				
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				

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)
<i>NMWQCC Standard³</i>		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
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			
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			
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			

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-7	2/2/09	Not Sampled							
	8/10/09								
	2/9/10								
	8/6/10								
	4/15/11								
	8/9/11								
	2/6/12								
	8/7/12								
	2/6/13								
	8/6/13								
	2/5/14								
	8/5/14								
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							
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							

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
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
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
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
	2/9/10	<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							
(Dup)	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
(Dup)	8/7/14	<0.00020	0.152	<0.0200	0.0681	<0.0050	<0.0150	<0.0150	<0.0050

Notes:

- 1. Dissolved Metal (Mercury) was analyzed by EPA Method 7470A.
- 2. Dissolved Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Selenium & Silver) were analyzed by EPA Method 6010B.
- 3. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A
- 4. mg/L (ppm) - milligrams per liter (parts per million)
- 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.

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

8. 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)
NMWQCC Standard ³		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05

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

Appendices

Appendix A

NMOCD 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.

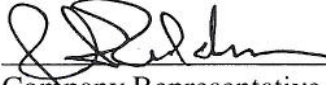
C. ANNUAL REPORT: As specified in Permit Condition 2.H, the Owner/Operator shall submit its annual report to the Division's Environmental Bureau by March 15th of the following year.

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	NR	3282.65	3282.65	NR
	11/01/07	3336.10	NR	NR	3282.80	3282.80	NR
	06/02/08	3336.10	NR	NR	3282.77	3282.77	NR
	10/21/08	3336.10	NR	NR	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 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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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	-	-	-

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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

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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

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Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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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

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Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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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

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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

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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

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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
MW-30	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
	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
MWWD-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
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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

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Eunice South Gas Plant
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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

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Cumulative Groundwater Measurement Data
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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
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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	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	-	-	-
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	-	-	-

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Cumulative Groundwater Measurement Data
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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	-	-	-

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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	-	-	-
RW-7	05/01/06	3334.12	Pump	Pump	-	-	-
	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	-	-	-
RW-8	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	-	-	-
	10/29/07	3336.45	Pump	Pump	-	-	-
	06/05/08	3336.45	Pump	Pump	-	-	-
	10/21/08	3336.45	Pump	Pump	-	-	-

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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	56.70	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

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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	53.52	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
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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

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Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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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

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Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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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
	06/04/08	2.1	0.0059	0.27	0.074	621	1780
MW-10	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

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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

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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-6	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
	10/30/07	<0.020	0.0531	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-16	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
	11/01/06	<0.020	0.0492	<0.005	0.171	<0.015	<0.0002	<0.020	<0.005
MW-17	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
	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
MW-18	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
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
MW-21	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
MW-22	03/22/01	ND	0.338	ND	ND	--	ND	ND	ND
	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
	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
MW-23	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
	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
	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
MW-24	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
	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
MW-26	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
	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	--	--	--	--	--	--	--	--
MW-27	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
	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
MW-28	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
	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
	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
MW-30	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
MW-31	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
	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

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
	11/09/06	0.0978	1.25	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
WW-1	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
	08/23/00	ND	1.1	ND	ND	--	ND	ND	ND
WW-2	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
	11/29/05	<0.020	0.367	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-3	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
	05/28/97	ND	0.8	ND	ND	--	ND	ND	ND
WW-4	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
	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
WW-5	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	--	--	--	--	--	--	--	--
	09/10/96	ND	ND	ND	ND	--	ND	ND	ND
WW-6	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
	06/05/08	--	--	--	--	--	--	--	--
WW-7	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
	06/05/08	--	--	--	--	--	--	--	--

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



**CONESTOGA-ROVERS
& ASSOCIATES**

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MEMORANDUM

To: Mike Wisniowiecki REF. NO.: 055271

FROM: Chris G. Knight/cs/3 *CK* DATE: May 1, 2014

CC: Claudia Ramos

RE: **Analytical Results and Reduced Validation
Semiannual Groundwater Monitoring Event
Chevron Environmental Management Company (CEMC)/South Eunice Gas Plant
Lea County, New Mexico
February 2014**

1.0 Introduction

The following document details a reduced validation of analytical results for groundwater samples collected in support of the semiannual groundwater monitoring event at the CEMC/South Eunice Gas Plant during February 2014. Samples were submitted to 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 Conestoga--Rovers & Associates (CRA) 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), and field QC samples.

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".

2.0 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 prepared and 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).

3.0 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.

4.0 Surrogate Spike Recoveries

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 compounds (VOCs) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria with the following exceptions (see Table 4):

- i. Several VOCs results were reported with high associated surrogate recoveries. Sample results associated with outlying surrogate recoveries were qualified as estimated

5.0 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 and/or LCSD were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

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.

Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical.

6.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion 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. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1. For some of the analyses, 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.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision with the following exception (see Table 5):

- i. One dissolved mercury MS/MSD analysis resulted in low recoveries. Associated sample results were qualified as estimated.

7.0 Matrix Spike Analyses

To evaluate the effects of sample matrices on the preparation, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples. For this study, MS samples were prepared and analyzed by the laboratory as specified in Table 1. The laboratory performed additional site-specific MS analyses internally.

The MS results were evaluated per the "Guidelines". In accordance with the "Guidelines", MS recoveries for samples with analyte concentrations significantly greater than the spike concentrations could not be assessed.

All MS analyses performed were acceptable, demonstrating acceptable analytical accuracy with the following exception (see Table 6):

- i. One chloride MS analysis resulted in a low recovery. Associated sample results were qualified as estimated.

8.0 Duplicate Sample Analyses (DUP)

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 laboratory performed additional

DUPs on non-site samples. The analysis of non-site spike samples cannot be used to assess accuracy and precision for the site samples. The duplicate results were evaluated per the "Guidelines". All duplicate analyses performed were acceptable, demonstrating acceptable analytical precision with the following exceptions (see Table 7):

- I. Two dissolved metals were reported with elevated RPD. Associated detected sample results were qualified as estimated

9.0 Field QA/QC Samples

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

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, 2 trip blanks were submitted to the laboratory for VOCs analysis. All results were non-detect for the compounds of interest.

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 percent for water sample. 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 time the PQL value for water samples.

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

10.0 Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum.

11.0 Conclusion

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

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY

SEMIANNUAL GROUNDWATER MONITORING EVENT

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT

LEA COUNTY, NEW MEXICO

FEBRUARY 2014

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<i>Analysis/Parameters</i>				<i>Comments</i>
					<i>Chloride</i>	<i>TDS</i>	<i>Dissolved Metals</i>	<i>VOCs</i>	
MWD-4-020414	MWD-4	water	02/04/2014	10:25	X	X	X	X	MS/MSD-P DUP
MW-7-020414	MW-7	water	02/04/2014	11:30	X	X	X	X	
MWD-2-020414	MWD-2	water	02/04/2014	12:25	X	X	X	X	
MW-3-020414	MW-3	water	02/04/2014	12:50	X	X	X	X	
MW-13-020414	MW-13	water	02/04/2014	14:05	X	X	X	X	Field duplicate of MWD-7
MWD-11-020414	MWD-11	water	02/04/2014	14:05	X	X	X	X	
MW-18-020414	MW-18	water	02/04/2014	15:10	X	X	X	X	
MWD-8-020414	MWD-8	water	02/04/2014	15:40	X	X	X	X	
MW-14-020414	MW-14	water	02/04/2014	16:05	X	X	X	X	
MWD-7-020414	MWD-7	water	02/04/2014	16:30	X	X	X	X	
DUP-1-020414	MWD-7	water	02/04/2014	16:30	X	X	X	X	
MWD-1-020414	MWD-1	water	02/04/2014	17:45	X	X	X	X	
MW-6-020514	MW-6	water	02/05/2014	09:25	X	X	X	X	
MWD-13-020514	MWD-13	water	02/05/2014	10:10	X	X	X	X	
MW-8-020514	MW-8	water	02/05/2014	10:55	X	X	X	X	

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Sample Location:</i>		<i>MW-3</i>	<i>MW-4</i>	<i>MW-6</i>	<i>MW-7</i>	<i>MW-8</i>	<i>MW-9</i>	<i>MW-11</i>	<i>MW-13</i>
<i>Sample ID:</i>		<i>MW-3-020414</i>	<i>MW-4-020514</i>	<i>MW-6-020514</i>	<i>MW-7-020414</i>	<i>MW-8-020514</i>	<i>MW-9-020714</i>	<i>MW-11-020714</i>	<i>MW-13-020414</i>
<i>Sample Date:</i>		<i>2/4/2014</i>	<i>2/5/2014</i>	<i>2/5/2014</i>	<i>2/4/2014</i>	<i>2/5/2014</i>	<i>2/7/2014</i>	<i>2/7/2014</i>	<i>2/4/2014</i>
<i>Parameters</i>	<i>Units</i>								
Metals									
Arsenic (dissolved)	mg/L	0.0147 J	0.0200 U	0.0193 J	0.0085 J	0.0224 J	0.0200 U	0.0138 J	0.0137 J
Barium (dissolved)	mg/L	0.0624	0.0672	0.0569	0.0777	0.0776	7.00	1.20	0.129
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0021 J	0.0024 J	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.0020 U	0.0020 U	0.00020 U
Selenium (dissolved)	mg/L	0.0095 J	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds									
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	13	22000	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.9	670	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.3 J	100 U	1.0 U
Xylenes (total)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.7 J	2.2	57 J	1.0 U
General Chemistry									
Chloride	mg/L	75.0	2290	2030 J	44.8	1810 J	490	195	830
Total dissolved solids (TDS)	mg/L	709	4920	5620	1420	4260	1600	1050	1100

Notes:

- U Not detected at the associated reporting limit
- J Estimated concentration
- UJ Not detected; associated reporting limit is estimated

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Sample Location:</i>		<i>MW-14</i>	<i>MW-15</i>	<i>MW-16</i>	<i>MW-17</i>	<i>MW-18</i>	<i>MW-19</i>	<i>MW-21</i>	<i>MW-21</i>
<i>Sample ID:</i>		<i>MW-14-020414</i>	<i>MW-15-020614</i>	<i>MW-16-020614</i>	<i>MW-17-020514</i>	<i>MW-18-020414</i>	<i>MW-19-021014</i>	<i>MW-21-020714</i>	<i>DUP-4-020714</i>
<i>Sample Date:</i>		<i>2/4/2014</i>	<i>2/6/2014</i>	<i>2/6/2014</i>	<i>2/5/2014</i>	<i>2/4/2014</i>	<i>2/10/2014</i>	<i>2/7/2014</i>	<i>2/7/2014</i>
									<i>(Duplicate)</i>
Parameters	Units								
Metals									
Arsenic (dissolved)	mg/L	0.0105 J	0.0106 J	0.0132 J	0.0110 J	0.0206 J	0.0270	0.0642	0.0667
Barium (dissolved)	mg/L	0.0516	0.0420	0.0373	0.0502	0.0553	0.792	0.0796	0.0804
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0150 U	0.0952	0.0150 U	0.0016 J	0.0150 U	0.0150 U	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0054 J	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.00020 U	0.0020 U	0.0020 U	0.00020 U	0.00020 U	0.00020 UJ	0.0020 U	0.0020 U
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0089 J	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds									
Benzene	µg/L	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1000	130	130
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	160	190	190
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7	0.5 J	0.5 J
Xylenes (total)	µg/L	1.0 U	1.0 U	1.0 U	0.2 J	1.0 U	36	9.9	9.8
General Chemistry									
Chloride	mg/L	597	2610 J	1730 J	2730	474	4850	945	853
Total dissolved solids (TDS)	mg/L	1500	3010	4200	5640	1260	9720	2480	2540

Notes:

- U Not detected at the associated reporting limit
- J Estimated concentration
- UJ Not detected; associated reporting limit is €

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Sample Location:</i>		<i>MW-22</i>	<i>MW-23</i>	<i>MW-24</i>	<i>MW-25</i>	<i>MW-26</i>	<i>MW-29</i>	<i>MW-30</i>	<i>MW-31</i>
<i>Sample ID:</i>		<i>MW-22-020614</i>	<i>MW-23-020614</i>	<i>MW-24-020714</i>	<i>MW-25-021014</i>	<i>MW-26-021014</i>	<i>MW-29-020614</i>	<i>MW-30-020714</i>	<i>MW-31-020714</i>
<i>Sample Date:</i>		<i>2/6/2014</i>	<i>2/6/2014</i>	<i>2/7/2014</i>	<i>2/10/2014</i>	<i>2/10/2014</i>	<i>2/6/2014</i>	<i>2/7/2014</i>	<i>2/7/2014</i>
<i>Parameters</i>	<i>Units</i>								
Metals									
Arsenic (dissolved)	mg/L	0.0175 J	0.0150 J	0.0213	0.0200 U	0.0236	0.0200 U	0.0243	0.0242
Barium (dissolved)	mg/L	2.17	0.0761	3.73	2.35	5.09	3.72	0.224	1.32
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0029 J	0.0028 J	0.0150 U	0.0017 J	0.0150 U	0.0150 U	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0068 J	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.0020 U	0.00020 U	0.0020 U	0.0020 UJ	0.0020 UJ	0.0020 U	0.0020 U	0.0020 U
Selenium (dissolved)	mg/L	0.0200 U	0.0262	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds									
Benzene	µg/L	3400	1.0 U	14000	4200 J	2400	110 J	0.9 J	0.4 J
Ethylbenzene	µg/L	39	1.0 U	970	390 J	110	88 J	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	43	2.1 J	1.7	7.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	8.1	1.0 U	230	26 J	14	7.4 J	1.5	2.0 U
General Chemistry									
Chloride	mg/L	12100	9750	184	2470	270	103 J	342	571
Total dissolved solids (TDS)	mg/L	23700	17300	1040	5120	1390	856	1240	1290

Notes:

- U Not detected at the associated reporting limit
- J Estimated concentration
- UJ Not detected; associated reporting limit is €

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Sample Location:</i>		<i>MW-32</i>	<i>MW-34</i>	<i>MW-34</i>	<i>MWD-1</i>	<i>MWD-2</i>	<i>MWD-4</i>	<i>MWD-5</i>	<i>MWD-6</i>
<i>Sample ID:</i>		<i>MW-32-020714</i>	<i>MW-34-020614</i>	<i>DUP-3-020614</i>	<i>MWD-1-020414</i>	<i>MWD-2-020414</i>	<i>MWD-4-020414</i>	<i>MWD-5-020714</i>	<i>MWD-6-020614</i>
<i>Sample Date:</i>		<i>2/7/2014</i>	<i>2/6/2014</i>	<i>2/6/2014</i>	<i>2/4/2014</i>	<i>2/4/2014</i>	<i>2/4/2014</i>	<i>2/7/2014</i>	<i>2/6/2014</i>
				<i>(Duplicate)</i>					
<i>Parameters</i>	<i>Units</i>								
Metals									
Arsenic (dissolved)	mg/L	0.0188 J	0.0200 U	0.0200 U	0.0158 J	0.100 U	0.0154 J	0.0293	0.0200 U
Barium (dissolved)	mg/L	3.09	3.95	4.12	0.0483	0.146	0.0777	6.83	0.904
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0250 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0446 J	0.0150 U	0.0018 J	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0750 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.0020 U	0.0020 U	0.0020 U	0.00020 U	0.00020 U	0.00020 U	0.0020 U	0.0020 U
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0095 J	0.100 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0250 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds									
Benzene	µg/L	4200	1200	1200	1.0 U	3.4	1.0 U	5500 J	32
Ethylbenzene	µg/L	9.5 J	16 J	14	1.0 U	1.0 U	1.0 U	33 J	20
Toluene	µg/L	2.2 J	1.0 U	0.4 J	1.0 U	1.5	1.0 U	2.1 J	0.3 J
Xylenes (total)	µg/L	16 J	7.7 J	6.9	1.0 U	1.0 U	1.0 U	47 J	2.8
General Chemistry									
Chloride	mg/L	1340	394 J	268 J	8140 J	59700	45.7	1120	621 J
Total dissolved solids (TDS)	mg/L	3000	1540	1370	12800	60200	1190	2520	1550

Notes:

- U Not detected at the associated reporting limit
J Estimated concentration
UJ Not detected; associated reporting limit is €

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Sample Location:</i>		<i>MWD-7</i>	<i>MWD-7</i>	<i>MWD-8</i>	<i>MWD-11</i>	<i>MWD-12</i>	<i>MWD-13</i>	<i>MWD-14</i>	<i>MWD-15</i>
<i>Sample ID:</i>		<i>MWD-7-020414</i>	<i>DUP-1-020414</i>	<i>MWD-8-020414</i>	<i>MWD-11-020414</i>	<i>MWD-12-020614</i>	<i>MWD-13-020514</i>	<i>MWD-14-020614</i>	<i>MWD-15-020514</i>
<i>Sample Date:</i>		<i>2/4/2014</i>	<i>2/4/2014</i>	<i>2/4/2014</i>	<i>2/4/2014</i>	<i>2/6/2014</i>	<i>2/5/2014</i>	<i>2/6/2014</i>	<i>2/5/2014</i>
		<i>(Duplicate)</i>							
<i>Parameters</i>	<i>Units</i>								
Metals									
Arsenic (dissolved)	mg/L	0.0229 J	0.0139 J	0.0120 J	0.0079 J	0.0805	0.0172 J	0.0274	0.0905
Barium (dissolved)	mg/L	0.0324	0.0752	0.0586	0.0797	0.262	0.0828	1.18	0.162
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0018 J	0.0150 U	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.0020 U	0.00020 U	0.0020 U	0.00020 U
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds									
Benzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1300	3.1	1100	0.2 J
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	54	1.0 U	170	1.7
Toluene	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	0.9 J	1.0 U	0.4 J	1.0 U
Xylenes (total)	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	11	1.0 U	29	11
General Chemistry									
Chloride	mg/L	7010 J	45.2 J	1140 J	1700 J	2320	11900 J	7180	2500
Total dissolved solids (TDS)	mg/L	10700	1380	2210	3520	5420	20900	10400	5610

Notes:

- U Not detected at the associated reporting limit
J Estimated concentration
UJ Not detected; associated reporting limit is €

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Sample Location:</i>		<i>MWD-17</i>	<i>RW-6</i>	<i>RW-7</i>	<i>RW-8</i>	<i>RW-8</i>	<i>TMW-1</i>	<i>TMW-3</i>	<i>TMW-6</i>
<i>Sample ID:</i>		<i>MWD-17-020614</i>	<i>RW-6-020514</i>	<i>RW-7-020514</i>	<i>RW-8-020514</i>	<i>DUP-2-020514</i>	<i>TMW-1-020514</i>	<i>TMW-3-020614</i>	<i>TMW-6-020614</i>
<i>Sample Date:</i>		<i>2/6/2014</i>	<i>2/5/2014</i>	<i>2/5/2014</i>	<i>2/5/2014</i>	<i>2/5/2014</i> (Duplicate)	<i>2/5/2014</i>	<i>2/6/2014</i>	<i>2/6/2014</i>
<i>Parameters</i>	<i>Units</i>								
Metals									
Arsenic (dissolved)	mg/L	0.429	0.0200 U	0.0146 J	0.0161 J	0.0167 J	0.0224 J	0.0181 J	0.0295
Barium (dissolved)	mg/L	0.236	1.30	0.154	0.396	0.395	1.87	4.70	1.36
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0150 U	0.0016 J	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.0020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.00020 U	0.0020 U
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds									
Benzene	µg/L	1600	25 U	54	0.4 J	0.4 J	1.0 U	18	1700
Ethylbenzene	µg/L	240	7.5	1.0 U	2.2	2.3	1.0 U	1.5	570
Toluene	µg/L	2.0 U	0.4 J	1.0 U	1.0 U	1.0 U	1.0 U	0.3 J	10 U
Xylenes (total)	µg/L	43	25	0.4 J	27	27	1.8	7.3	22
General Chemistry									
Chloride	mg/L	8470 J	1470	12900	10100	9700 J	1090 J	237	239
Total dissolved solids (TDS)	mg/L	16600	3330	19600	19100	15500	2610	1070	1570

Notes:

- U Not detected at the associated reporting limit
- J Estimated concentration
- UJ Not detected; associated reporting limit is €

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA

SEMIANNUAL GROUNDWATER MONITORING EVENT

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT

LEA COUNTY, NEW MEXICO

FEBRUARY 2014

<i>Parameter</i>	<i>Method</i>	<i>Matrix</i>	<i>Collection to Analysis (Days)</i>
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 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA

SEMIANNUAL GROUNDWATER MONITORING EVENT

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT

LEA COUNTY, NEW MEXICO

FEBRUARY 2014

<i>Parameter</i>	<i>Method</i>	<i>Matrix</i>	<i>Collection to Analysis (Days)</i>
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 DATA DUE TO OUTLYING OF SURROGATE RECOVERIES

SEMIANNUAL GROUNDWATER MONITORING EVENT

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT

LEA COUNTY, NEW MEXICO

FEBRUARY 2014

<i>Parameter</i>	<i>Sample ID</i>	<i>Surrogate</i>	<i>Surrogate Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Analyte</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	MW-25-021014	Trifluorotoluene-P	138	51-120	Benzene	4200 J	µg/L
					Ethylbenzene	390 J	µg/L
					Toluene	2.1 J	µg/L
					Xylenes (total)	26 J	µg/L
					Methyl tert butyl ether (MTBE)	5.6 J	µg/L
VOCs	MW-29-020614	Trifluorotoluene-P	129	51-120	Xylenes (total)	7.4 J	µg/L
					Ethylbenzene	88 J	µg/L
					Benzene	110 J	µg/L
VOCs	MW-32-020714	Trifluorotoluene-P	212	51-120	Toluene	2.2 J	µg/L
					Ethylbenzene	9.5 J	µg/L
					Xylenes (total)	16 J	µg/L
VOCs	MW-34-020614	Trifluorotoluene-P	126	51-120	Ethylbenzene	16 J	µg/L
					Xylenes (total)	7.7 J	µg/L
VOCs	MW-5-020714	Trifluorotoluene-P	172	51-120	Benzene	5500 J	µg/L
					Ethylbenzene	33 J	µg/L
					Toluene	2.1 J	µg/L
					Xylenes (total)	47 J	µg/L

Notes:

- VOCs - Volatile Organic Compounds
J - Estimated concentration

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPLANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Parameter</i>	<i>Sample ID</i>	<i>Analyte</i>	<i>MS</i> <i>% Recovery</i>	<i>MSD</i> <i>% Recovery</i>	<i>RPD</i> <i>(percent)</i>	<i>Control Limits</i>		<i>Qualified</i> <i>Result</i>	<i>Units</i>
						<i>% Recovery</i>	<i>RPD</i>		
Dissolved Metals	MW-19-021014	Mercury	78	75	4	80-120	20	<0.00020 J	µg/L
	MW-25-021014							<0.0020 J	µg/L
	MW-26-021014							<0.0020 J	µg/L

Notes:

- MS - Matrix Spike
- MSD - Matrix Spike Duplicate
- RPD - Relative Percent Difference
- J - Estimated concentration

TABLE 6

QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE RECOVERIES
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPLANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Parameter</i>	<i>Spiked Sample ID</i>	<i>Analyte</i>	<i>MS Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Associated Sample IDs</i>	<i>Qualified Result</i>	<i>Units</i>
General Chemistry	MWD-11-020414	Chloride	121	90-110	DUP-1-020414	45.2 J	mg/L
					DUP-2-020514	9700 J	mg/L
					MW-6-020514	2030 J	mg/L
					MW-8-020514	1810 J	mg/L
					MWD-1-020414	8140 J	mg/L
					MWD-11-020414	1700 J	mg/L
					MWD-13-020514	11900 J	mg/L
					MWD-7-020414	7010 J	mg/L
					MWD-8-020414	1140 J	mg/L
					TMW-1-020514	1090 J	mg/L
					DUP-3-020614	268 J	mg/L
					MW-34-020614	394 J	mg/L
					MW-15-020614	2610 J	mg/L
					MW-16-020614	1730 J	mg/L
					MW-29-020614	103 J	mg/L
					MWD-17-020614	8470 J	mg/L
					MWD-6-020614	621 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
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC)/SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
FEBRUARY 2014

<i>Parameter</i>	<i>Sample ID</i>	<i>Analyte</i>	<i>RPD</i> (percent)	<i>RPD</i> <i>Control Limit</i> (percent)	<i>Associated</i> <i>Sample IDs</i>	<i>Qualified</i> <i>Result</i>	<i>Units</i>
Dissolved Metals	MW-7-020414	Arsenic (dissolved)	25	20	MW-7-020414	0.0085 J	mg/L
					DUP-1-020414	0.0139 J	mg/L
					MWD-11-020414	0.0079 J	mg/L
					RW-8-020514	0.0161 J	mg/L
					DUP-2-020514	0.0167 J	mg/L
					MW-14-020414	0.0105 J	mg/L
					MW-17-020514	0.0110 J	mg/L
					MWD-8-020414	0.0120 J	mg/L
					MW-13-020414	0.0137 J	mg/L
					RW-7-020514	0.0146 J	mg/L
					MW-3-020414	0.0147 J	mg/L
					MWD-4-020414	0.0154 J	mg/L
					MWD-1-020414	0.0158 J	mg/L
					MWD-13-020514	0.0172 J	mg/L
					MW-6-020514	0.0193 J	mg/L
					MW-18-020414	0.0206 J	mg/L
					MW-8-020514	0.0224 J	mg/L
					TMW-1-020514	0.0224 J	mg/L
					MWD-7-020414	0.0229 J	mg/L
Dissolved Metals	MWD-15-020514	Chromium (dissolved)	200	20	MW-5-020714	0.0018 J	mg/L
					MW-4-020514	0.0021 J	mg/L
					MW-24-020714	0.0028 J	mg/L

Notes:

RPD - Relative Percent Difference

J - Estimated concentration

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron Environmental Mgmt.
PO Box 6012, Room K-2016
San Ramon CA 94583-0712

February 25, 2014

Project: South Eunice Gas Plant

Submittal Date: 02/12/2014

Group Number: 1452097

Release Number: BOYER

State of Sample Origin: NM

Client Sample DescriptionMW-26-021014 Grab Groundwater
MW-25-021014 Grab Groundwater
MW-19-021014 Grab GroundwaterLancaster Labs (LL) #7361689
7361690
7361691

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC Conestoga-Rovers & Associates

COPY TO

Attn: Claudia Ramos

ELECTRONIC CRA

COPY TO

Attn: Christina Majerowicz

ELECTRONIC Conestoga-Rovers & Associates

COPY TO

Attn: Mike Wisniowiecki

ELECTRONIC Chevron Environmental Mgmt.

COPY TO

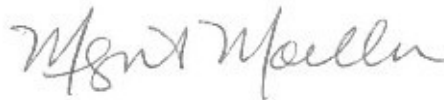
Attn: B Samuel Kutty

ELECTRONIC CRA

COPY TO

Attn: EDD

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: MW-26-021014 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7361689
LL Group # 1452097
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/10/2014 12:25 by SM

Chevron Environmental Mgmt.

Submitted: 02/12/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:10

San Ramon CA 94583-0712

ESG26

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	2,400	1.0	5
02102	Ethylbenzene	100-41-4	110	0.2	1
02102	Methyl tert-Butyl Ether	1634-04-4	N.D.	0.3	1
02102	Toluene	108-88-3	1.7	0.2	1
02102	Total Xylenes	1330-20-7	14	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0236	0.0068	1
07046	Barium	7440-39-3	5.09	0.00066	2
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0017 J	0.0016	1
07055	Lead	7439-92-1	0.0068 J	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	270	20.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,390	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 17:48	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53B	02/18/2014 13:36	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 17:48	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	2	14045B53B	02/18/2014 13:36	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140485705001	02/18/2014 20:51	Maria A Orrs	1
07046	Barium	SW-846 6010B	1	140485705001	02/19/2014 05:28	Tara L Snyder	2
07049	Cadmium	SW-846 6010B	1	140485705001	02/18/2014 20:51	Maria A Orrs	1

Sample Description: MW-26-021014 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7361689
LL Group # 1452097
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/10/2014 12:25 by SM

Chevron Environmental Mgmt.

Submitted: 02/12/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:10

San Ramon CA 94583-0712

ESG26

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07051	Chromium	SW-846 6010B	1	140485705001	02/18/2014 20:51	Maria A Orrs	1
07055	Lead	SW-846 6010B	1	140485705001	02/18/2014 20:51	Maria A Orrs	1
07036	Selenium	SW-846 6010B	1	140485705001	02/18/2014 20:51	Maria A Orrs	1
07066	Silver	SW-846 6010B	1	140485705001	02/18/2014 20:51	Maria A Orrs	1
00259	Mercury	SW-846 7470A	1	140445713001	02/14/2014 15:56	Parker D Lindstrom	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140485705001	02/18/2014 11:40	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140445713001	02/14/2014 08:55	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14044347901B	02/14/2014 06:29	Sandra J Miller	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14045021201A	02/14/2014 11:58	Susan E Hibner	1

Sample Description: MW-25-021014 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7361690
LL Group # 1452097
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/10/2014 13:45 by SM

Chevron Environmental Mgmt.

Submitted: 02/12/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:10

San Ramon CA 94583-0712

ESG25

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	4,200	4.0	20
02102	Ethylbenzene	100-41-4	390	0.2	1
02102	Methyl tert-Butyl Ether	1634-04-4	5.6	0.3	1
02102	Toluene	108-88-3	2.1	0.2	1
02102	Total Xylenes	1330-20-7	26	0.2	1
A preserved vial was submitted for analysis. However, the pH at the time of the initial analysis (df1) was 3.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	2.35	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,470	200	1000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,120	194	1

General Sample Comments

This sample was lab filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 18:14	Marie D Beamenderfer	20
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53B	02/18/2014 16:33	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 18:14	Marie D Beamenderfer	20
01146	GC VOA Water Prep	SW-846 5030B	2	14045B53B	02/18/2014 16:33	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140485705001	02/18/2014 20:55	Maria A Orrs	1
07046	Barium	SW-846 6010B	1	140485705001	02/18/2014 20:55	Maria A Orrs	1

Sample Description: MW-25-021014 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7361690
LL Group # 1452097
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/10/2014 13:45 by SM

Chevron Environmental Mgmt.

Submitted: 02/12/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:10

San Ramon CA 94583-0712

ESG25

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07049	Cadmium	SW-846 6010B	1	140485705001	02/18/2014	20:55	Maria A Orrs	1
07051	Chromium	SW-846 6010B	1	140485705001	02/18/2014	20:55	Maria A Orrs	1
07055	Lead	SW-846 6010B	1	140485705001	02/18/2014	20:55	Maria A Orrs	1
07036	Selenium	SW-846 6010B	1	140485705001	02/18/2014	20:55	Maria A Orrs	1
07066	Silver	SW-846 6010B	1	140485705001	02/18/2014	20:55	Maria A Orrs	1
00259	Mercury	SW-846 7470A	1	140445713001	02/14/2014	15:58	Parker D Lindstrom	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140485705001	02/18/2014	11:40	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140445713001	02/14/2014	08:55	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14044347901B	02/13/2014	14:44	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14045021201A	02/14/2014	11:58	Susan E Hibner	1

Sample Description: MW-19-021014 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7361691
LL Group # 1452097
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/10/2014 15:20 by SM

Chevron Environmental Mgmt.

Submitted: 02/12/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:10

San Ramon CA 94583-0712

ESG19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,000	1.0	5
02102	Ethylbenzene	100-41-4	160	0.2	1
02102	Methyl tert-Butyl Ether	1634-04-4	4.0	0.3	1
02102	Toluene	108-88-3	1.7	0.2	1
02102	Total Xylenes	1330-20-7	36	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0270	0.0068	1
07046	Barium	7440-39-3	0.792	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	0.0054 J	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	4,850	200	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	9,720	776	10

General Sample Comments

This sample was lab filtered for dissolved metals.
Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 18:41	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 20:01	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 18:41	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	2	14045B53A	02/17/2014 20:01	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140485705001	02/18/2014 20:59	Maria A Orrs	1
07046	Barium	SW-846 6010B	1	140485705001	02/18/2014 20:59	Maria A Orrs	1
07049	Cadmium	SW-846 6010B	1	140485705001	02/18/2014 20:59	Maria A Orrs	1
07051	Chromium	SW-846 6010B	1	140485705001	02/18/2014 20:59	Maria A Orrs	1

Sample Description: MW-19-021014 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7361691
LL Group # 1452097
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/10/2014 15:20 by SM

Chevron Environmental Mgmt.

Submitted: 02/12/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:10

San Ramon CA 94583-0712

ESG19

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	140485705001	02/18/2014 20:59	Maria A Orrs	1
07036	Selenium	SW-846 6010B	1	140485705001	02/18/2014 20:59	Maria A Orrs	1
07066	Silver	SW-846 6010B	1	140485705001	02/18/2014 20:59	Maria A Orrs	1
00259	Mercury	SW-846 7470A	1	140445713001	02/14/2014 16:06	Parker D Lindstrom	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140485705001	02/18/2014 11:40	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140445713001	02/14/2014 08:55	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14044347901B	02/13/2014 15:00	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14045021201A	02/14/2014 11:58	Susan E Hibner	10

Quality Control Summary

Client Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:10 PM

Group Number: 1452097

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14045B53A	Sample number(s): 7361689-7361691							
Benzene	N.D.	0.2	ug/l	98	100	80-120	2	30
Ethylbenzene	N.D.	0.2	ug/l	98	99	80-120	1	30
Methyl tert-Butyl Ether	N.D.	0.3	ug/l	96	100	76-131	4	30
Toluene	N.D.	0.2	ug/l	98	99	80-120	1	30
Total Xylenes	N.D.	0.2	ug/l	101	102	80-120	1	30
Batch number: 14045B53B	Sample number(s): 7361689-7361690							
Ethylbenzene	N.D.	0.2	ug/l	98	99	80-120	1	30
Methyl tert-Butyl Ether	N.D.	0.3	ug/l	96	100	76-131	4	30
Toluene	N.D.	0.2	ug/l	98	99	80-120	1	30
Total Xylenes	N.D.	0.2	ug/l	101	102	80-120	1	30
Batch number: 140445713001	Sample number(s): 7361689-7361691							
Mercury	N.D.	0.00006	mg/l	81		80-120		
		0						
Batch number: 140485705001	Sample number(s): 7361689-7361691							
Arsenic	N.D.	0.0068	mg/l	93		90-113		
Barium	N.D.	0.00033	mg/l	95		90-110		
Cadmium	N.D.	0.00076	mg/l	94		90-112		
Chromium	N.D.	0.0016	mg/l	95		90-110		
Lead	N.D.	0.0047	mg/l	98		88-110		
Selenium	N.D.	0.0084	mg/l	97		80-120		
Silver	N.D.	0.0021	mg/l	109		80-120		
Batch number: 14044347901B	Sample number(s): 7361689-7361691							
Chloride	N.D.	0.20	mg/l	101		90-110		
Batch number: 14045021201A	Sample number(s): 7361689-7361691							
Total Dissolved Solids	N.D.	9.7	mg/l	104		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 140445713001	Sample number(s): 7361689-7361691 UNSPK: 7361690 BKG: 7361690								
Mercury	70*	79*	80-120	12	20	N.D.	N.D.	0 (1)	20

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:10 PM

Group Number: 1452097

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 140485705001	Sample number(s): 7361689-7361691 UNSPK: P360924 BKG: P360924								
Arsenic	96	97	81-123	1	20	N.D.	N.D.	0 (1)	20
Barium	99	101	78-118	2	20	0.0220	0.0347	45* (1)	20
Cadmium	94	94	83-116	0	20	N.D.	N.D.	0 (1)	20
Chromium	95	99	76-120	4	20	0.0034 J	0.0059 J	54* (1)	20
Lead	97	97	75-125	0	20	N.D.	N.D.	0 (1)	20
Selenium	92	93	75-125	2	20	N.D.	N.D.	0 (1)	20
Silver	110	109	75-125	1	20	N.D.	N.D.	0 (1)	20
Batch number: 14044347901B	Sample number(s): 7361689-7361691 UNSPK: P362585 BKG: P362585								
Chloride	98		90-110			1,300	1,240	5 (1)	20
Batch number: 14045021201A	Sample number(s): 7361689-7361691 UNSPK: 7361689 BKG: 7361689								
Total Dissolved Solids	101		51-144			1,390	1,370	1	5

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Method 8021 Water Master
Batch number: 14045B53A
Trifluorotoluene-P

7361691	115
Blank	75
LCS	74
LCSD	74

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14045B53B
Trifluorotoluene-P

7361689	117
7361690	138*
Blank	75
LCS	74
LCSD	74

Limits: 51-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Acct. # 11387 For Eurofins Lancaster Laboratories use only
Group # 152097 Sample # 7361689-a
Instructions on reverse side correspond with circled numbers.

For Eurofins Lancaster Laboratories use only

Group # 152097

Sample # 7361689-a

Instructions on reverse side correspond with circled numbers

Eurofins Lancaster Laboratories, Inc. • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories. The yellow copy should be retained by the client.

Issued by Dept. 40 Management
7047.02

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but $\geq$ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron Environmental Mgmt.
PO Box 6012, Room K-2016
San Ramon CA 94583-0712

February 25, 2014

Project: South Eunice Gas Plant

Submittal Date: 02/08/2014

Group Number: 1451307

Release Number: BOYER

State of Sample Origin: NM

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-23-020614 Grab Groundwater	7358705
TMW-3-020614 Grab Groundwater	7358706
TMW-6-020614 Grab Groundwater	7358707
MW-34-020614 Grab Groundwater	7358708
MW-29-020614 Grab Groundwater	7358709
MW-16-020614 Grab Groundwater	7358710
MW-15-020614 Grab Groundwater	7358711
DUP-3-020614 Grab Groundwater	7358712
MWD-6-020614 Grab Groundwater	7358713
MWD-17-020614 Grab Groundwater	7358714
MWD-12-020614 Grab Groundwater	7358715
MWD-14-020614 Grab Groundwater	7358716
MW-22-020614 Grab Groundwater	7358717
MW-32-020714 Grab Groundwater	7358718
MW-30-020714 Grab Groundwater	7358719
MW-9-020714 Grab Groundwater	7358720
MW-31-020714 Grab Groundwater	7358721
MW-21-020714 Grab Groundwater	7358722
MW-11-020714 Grab Groundwater	7358723
DUP-4-020714 Grab Groundwater	7358724
MW-24-020714 Grab Groundwater	7358725
MW-5-020714 Grab Groundwater	7358726
Trip Blank Water	7358727

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO Conestoga-Rovers & Associates

Attn: Claudia Ramos

ELECTRONIC COPY TO	Conestoga-Rovers & Associates	Attn: Mike Wisniowiecki
ELECTRONIC COPY TO	Chevron Environmental Mgmt.	Attn: B Samuel Kutty
ELECTRONIC COPY TO	CRA	Attn: Christina Majerowicz
ELECTRONIC COPY TO	CRA	Attn: EDD

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: MW-23-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358705
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 08:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0150 J	0.0068	1
07046	Barium	7440-39-3	0.0761	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0029 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	0.0262	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	9,750	400	2000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	17,300	776	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 15:06	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 15:06	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:15	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:15	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:15	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:15	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:15	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:15	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:15	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713002	02/12/2014 07:08	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1

Sample Description: MW-23-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358705
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 08:50 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/08/2014 14:05

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713002	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/11/2014 11:36	Sandra J Miller	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	10

Sample Description: TMW-3-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358706
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 10:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	18	0.2	1
02102	Ethylbenzene	100-41-4	1.5	0.2	1
02102	Toluene	108-88-3	0.3 J	0.2	1
02102	Total Xylenes	1330-20-7	7.3	0.2	1
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0181 J	0.0068	1
07046	Barium	7440-39-3	4.70	0.00066	2
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	237	40.0	200
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,070	38.8	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 18:02	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 18:02	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:19	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/18/2014 08:46	Eric L Eby	2
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:19	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:19	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:19	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:19	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:19	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713002	02/12/2014 07:10	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1

Sample Description: TMW-3-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358706
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 10:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713002	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/11/2014 11:52	Sandra J Miller	200
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: TMW-6-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358707
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 11:10 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,700	2.0	10
02102	Ethylbenzene	100-41-4	570	2.0	10
02102	Toluene	108-88-3	N.D.	2.0	10
02102	Total Xylenes	1330-20-7	22	2.0	10
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0295	0.0068	1
07046	Barium	7440-39-3	1.36	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	239	20.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,570	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 18:27	Marie D Beamenderfer	10
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 18:27	Marie D Beamenderfer	10
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:31	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:31	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:31	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:31	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:31	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:31	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:31	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:16	Damary Valentin	1

Sample Description: TMW-6-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358707
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 11:10 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14042347601B	02/12/2014 14:51	Sandra J Miller	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: MW-34-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358708
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 14:00 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,200	1.0	5
02102	Ethylbenzene	100-41-4	16	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	7.7	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	3.95	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	394	40.0	200
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,540	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 18:52	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 12:29	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 18:52	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	2	14042A94B	02/14/2014 12:29	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 17:50	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 17:50	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 17:50	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 17:50	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 17:50	Katlin N Cataldi	1

Sample Description: MW-34-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358708
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 14:00 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 17:50	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 17:50	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:18	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 16:54	Sandra J Miller	200
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: MW-29-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358709
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 14:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	110	0.2	1
02102	Ethylbenzene	100-41-4	88	0.2	1
02102	Toluene	108-88-3	N.D.	7.0	1
02102	Total Xylenes	1330-20-7	7.4	0.2	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	3.72	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	103	10.0	50
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	856	38.8	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 11:39	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94B	02/14/2014 11:39	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:35	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:35	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:35	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:35	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:35	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:35	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:35	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:27	Damary Valentin	1

Sample Description: MW-29-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358709
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 14:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 17:10	Sandra J Miller	50
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: MW-16-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358710
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 15:55 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0132 J	0.0068	1
07046	Barium	7440-39-3	0.0373	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0952	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	0.0089 J	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,730	100	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,200	194	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 15:31	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 15:31	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:39	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:39	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:39	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:39	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:39	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:39	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:39	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:33	Damary Valentin	1

Sample Description: MW-16-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358710
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 15:55 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 17:26	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: MW-15-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358711
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 16:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1.3	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0106 J	0.0068	1
07046	Barium	7440-39-3	0.0420	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,610	200	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,010	194	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 15:56	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 15:56	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:43	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:43	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:43	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:43	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:43	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:43	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:43	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:35	Damary Valentin	1

Sample Description: MW-15-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358711
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 16:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 17:42	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: DUP-3-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358712
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,200	1.0	5
02102	Ethylbenzene	100-41-4	14	0.2	1
02102	Toluene	108-88-3	0.4 J	0.2	1
02102	Total Xylenes	1330-20-7	6.9	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	4.12	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	268	20.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,370	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 19:43	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 17:49	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 19:43	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	2	14042A94B	02/14/2014 17:49	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:48	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:48	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:48	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:48	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:48	Katlin N Cataldi	1

Sample Description: DUP-3-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358712
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:48	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:48	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:37	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 17:58	Sandra J Miller	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: MWD-6-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358713
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 10:45 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/08/2014 14:05

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	32	0.2	1
02102	Ethylbenzene	100-41-4	20	0.2	1
02102	Toluene	108-88-3	0.3 J	0.2	1
02102	Total Xylenes	1330-20-7	2.8	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	0.904	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	621	200	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,550	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 16:21	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 16:21	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:52	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:52	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:52	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:52	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:52	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:52	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:52	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:39	Damary Valentin	1

Sample Description: MWD-6-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358713
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 10:45 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 18:15	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	1

Sample Description: MWD-17-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358714
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 12:00 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	1,600	1.0	5
02102	Ethylbenzene	100-41-4	240	0.2	1
02102	Toluene	108-88-3	N.D.	2.0	1
02102	Total Xylenes	1330-20-7	43	0.2	1
A preserved vial was submitted for analysis. However, the pH at the time of the primary (df1) analysis was 7.					
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.429	0.0068	1
07046	Barium	7440-39-3	0.236	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
SW-846 7470A					
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	8,470	400	2000
SM 2540 C-1997					
00212	Total Dissolved Solids	n.a.	16,600	776	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 20:08	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 13:17	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 20:08	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	2	14042A94B	02/14/2014 13:17	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 18:56	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 18:56	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 18:56	Katlin N Cataldi	1

Sample Description: MWD-17-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358714
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 12:00 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 18:56	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 18:56	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 18:56	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 18:56	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:41	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 18:31	Sandra J Miller	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021202A	02/11/2014 08:26	Noah M Rainbow	10

Sample Description: MWD-12-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358715
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 13:15 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,300	1.0	5
02102	Ethylbenzene	100-41-4	54	0.2	1
02102	Toluene	108-88-3	0.9 J	0.2	1
02102	Total Xylenes	1330-20-7	11	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0805	0.0068	1
07046	Barium	7440-39-3	0.262	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,320	200	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,420	194	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 20:33	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 18:14	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 20:33	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	2	14042A94B	02/14/2014 18:14	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:00	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:00	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:00	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:00	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:00	Katlin N Cataldi	1

Sample Description: MWD-12-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358715
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 13:15 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:00	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:00	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:43	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/12/2014 15:55	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MWD-14-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358716
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 15:10 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,100	1.0	5
02102	Ethylbenzene	100-41-4	170	0.2	1
02102	Toluene	108-88-3	0.4 J	0.2	1
02102	Total Xylenes	1330-20-7	29	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0274	0.0068	1
07046	Barium	7440-39-3	1.18	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	7,180	400	2000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	10,400	194	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 20:58	Marie D Beamenderfer	5
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 19:04	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 20:58	Marie D Beamenderfer	5
01146	GC VOA Water Prep	SW-846 5030B	2	14042A94B	02/14/2014 19:04	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:04	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:04	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:04	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:04	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:04	Katlin N Cataldi	1

Sample Description: MWD-14-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358716
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 15:10 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:04	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:04	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:45	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/13/2014 08:46	Sandra J Miller	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-22-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358717
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 16:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	3,400	4.0	20
02102	Ethylbenzene	100-41-4	39	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	8.1	0.2	1
A preserved vial was submitted for analysis. However, the pH at the time of the primary (df1) analysis was 7.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0175 J	0.0068	1
07046	Barium	7440-39-3	2.17	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	12,100	1,000	5000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	23,700	776	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 21:23	Marie D Beamenderfer	20
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 19:55	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 21:23	Marie D Beamenderfer	20
01146	GC VOA Water Prep	SW-846 5030B	2	14042A94B	02/14/2014 19:55	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:09	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:09	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:09	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:09	Katlin N Cataldi	1

Sample Description: MW-22-020614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358717
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/06/2014 16:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:09	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:09	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:09	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:47	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/13/2014 09:02	Sandra J Miller	5000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	10

Sample Description: MW-32-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358718
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 10:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	4,200	4.0	20
02102	Ethylbenzene	100-41-4	9.5	0.2	1
02102	Toluene	108-88-3	2.2	0.2	1
02102	Total Xylenes	1330-20-7	16	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0188 J	0.0068	1
07046	Barium	7440-39-3	3.09	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,340	200	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,000	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 21:48	Marie D Beamenderfer	20
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94B	02/14/2014 14:32	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 21:48	Marie D Beamenderfer	20
01146	GC VOA Water Prep	SW-846 5030B	2	14042A94B	02/14/2014 14:32	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:21	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:21	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:21	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:21	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:21	Katlin N Cataldi	1

Sample Description: MW-32-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358718
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 10:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:21	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:21	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:49	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/12/2014 17:16	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-30-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358719
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 10:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	0.9 J	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	1.5	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0243	0.0068	1
07046	Barium	7440-39-3	0.224	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	342	20.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,240	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 16:46	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 16:46	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:25	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:25	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:25	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:25	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:25	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:25	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:25	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:51	Damary Valentin	1

Sample Description: MW-30-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358719
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 10:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/13/2014 09:19	Sandra J Miller	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-9-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358720
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 11:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	13	0.2	1
02102	Ethylbenzene	100-41-4	5.9	0.2	1
02102	Toluene	108-88-3	0.3 J	0.2	1
02102	Total Xylenes	1330-20-7	2.2	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	7.00	0.00066	2
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	490	40.0	200
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,600	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 17:11	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 17:11	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:29	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/18/2014 08:50	Eric L Eby	2
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:29	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:29	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:29	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:29	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:29	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:57	Damary Valentin	1

Sample Description: MW-9-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358720
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 11:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/14/2014 07:17	Sandra J Miller	200
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-31-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358721
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 12:35 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	0.4 J	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	2.0	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0242	0.0068	1
07046	Barium	7440-39-3	1.32	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	571	100	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,290	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 14:40	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 14:40	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:34	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:34	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:34	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:34	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:34	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:34	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:34	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 07:59	Damary Valentin	1

Sample Description: MW-31-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358721
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 12:35 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/12/2014 18:04	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-21-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358722
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 13:15 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	130	0.2	1
02102	Ethylbenzene	100-41-4	190	0.2	1
02102	Toluene	108-88-3	0.5 J	0.2	1
02102	Total Xylenes	1330-20-7	9.9	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0642	0.0068	1
07046	Barium	7440-39-3	0.0796	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	945	100	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,480	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 19:08	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 19:08	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:38	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:38	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:38	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:38	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:38	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:38	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:38	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 08:01	Damary Valentin	1

Sample Description: MW-21-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358722
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 13:15 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/12/2014 18:21	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-11-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358723
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 12:20 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	22,000	20	100
02102	Ethylbenzene	100-41-4	670	20	100
02102	Toluene	108-88-3	N.D.	20	100
02102	Total Xylenes	1330-20-7	57 J	20	100
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0138 J	0.0068	1
07046	Barium	7440-39-3	1.20	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	195	10.0	50
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,050	38.8	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 16:00	Marie D Beamenderfer	100
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 16:00	Marie D Beamenderfer	100
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:42	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:42	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:42	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:42	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:42	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:42	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:42	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 08:03	Damary Valentin	1

Sample Description: MW-11-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358723
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 12:20 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/12/2014 15:07	Sandra J Miller	50
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: DUP-4-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358724
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/08/2014 14:05

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	130	0.2	1
02102	Ethylbenzene	100-41-4	190	0.2	1
02102	Toluene	108-88-3	0.5 J	0.2	1
02102	Total Xylenes	1330-20-7	9.8	0.2	1
A preserved vial was submitted for analysis. However, the pH at the time of analysis was 4.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0667	0.0068	1
07046	Barium	7440-39-3	0.0804	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	853	100	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,540	77.6	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 15:07	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 15:07	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705004	02/14/2014 19:46	Katlin N Cataldi	1
07046	Barium	SW-846 6010B	1	140425705004	02/14/2014 19:46	Katlin N Cataldi	1
07049	Cadmium	SW-846 6010B	1	140425705004	02/14/2014 19:46	Katlin N Cataldi	1
07051	Chromium	SW-846 6010B	1	140425705004	02/14/2014 19:46	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	140425705004	02/14/2014 19:46	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	140425705004	02/14/2014 19:46	Katlin N Cataldi	1
07066	Silver	SW-846 6010B	1	140425705004	02/14/2014 19:46	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 08:05	Damary Valentin	1

Sample Description: DUP-4-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358724
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705004	02/12/2014 11:33	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14043347601B	02/12/2014 19:25	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201A	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-24-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358725
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 11:30 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	14,000	10	50
02102	Ethylbenzene	100-41-4	970	4.0	20
02102	Toluene	108-88-3	43	4.0	20
02102	Total Xylenes	1330-20-7	230	4.0	20
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0213	0.0068	1
07046	Barium	7440-39-3	3.73	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0028 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	184	20.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,040	38.8	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53B	02/18/2014 13:09	Marie D Beamenderfer	20
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53B	02/18/2014 16:06	Marie D Beamenderfer	50
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53B	02/18/2014 13:09	Marie D Beamenderfer	20
01146	GC VOA Water Prep	SW-846 5030B	2	14045B53B	02/18/2014 16:06	Marie D Beamenderfer	50
07035	Arsenic	SW-846 6010B	1	140425705005	02/13/2014 00:15	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	140425705005	02/13/2014 00:15	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	140425705005	02/13/2014 00:15	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	140425705005	02/13/2014 00:15	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	140425705005	02/13/2014 00:15	Tara L Snyder	1

Sample Description: MW-24-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358725
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 11:30 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	140425705005	02/13/2014 00:15	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	140425705005	02/13/2014 00:15	Tara L Snyder	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 08:07	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705005	02/12/2014 11:49	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14044347601A	02/13/2014 10:07	Sandra J Miller	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201B	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: MW-5-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358726
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 10:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	5,500	5.0	25
02102	Ethylbenzene	100-41-4	33	0.2	1
02102	Toluene	108-88-3	2.1	0.2	1
02102	Total Xylenes	1330-20-7	47	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0293	0.0068	1
07046	Barium	7440-39-3	6.83	0.0017	5
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0018 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.00060	1
Reporting limits were raised due to interference from the sample matrix.					
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,120	100	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,520	194	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53B	02/18/2014 12:42	Marie D Beamenderfer	25
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53B	02/18/2014 17:00	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53B	02/18/2014 12:42	Marie D Beamenderfer	25
01146	GC VOA Water Prep	SW-846 5030B	2	14045B53B	02/18/2014 17:00	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705005	02/13/2014 00:19	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	140425705005	02/14/2014 16:27	Maria A Orrs	5
07049	Cadmium	SW-846 6010B	1	140425705005	02/13/2014 00:19	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	140425705005	02/13/2014 00:19	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	140425705005	02/13/2014 00:19	Tara L Snyder	1

Sample Description: MW-5-020714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7358726
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014 10:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	140425705005	02/13/2014 00:19	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	140425705005	02/13/2014 00:19	Tara L Snyder	1
00259	Mercury	SW-846 7470A	1	140415713003	02/12/2014 08:09	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705005	02/12/2014 11:49	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140415713003	02/11/2014 09:40	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14044347601A	02/13/2014 10:23	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14043021201B	02/12/2014 10:40	Noah M Rainbow	1

Sample Description: Trip Blank Water
Eunice South Gas Plant

LL Sample # WW 7358727
LL Group # 1451307
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/07/2014

Chevron Environmental Mgmt.

Submitted: 02/08/2014 14:05

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14045B53A	02/17/2014 12:53	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14045B53A	02/17/2014 12:53	Marie D Beamenderfer	1

Quality Control Summary

Client Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1451307

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14042A94A	Sample number(s): 7358705-7358708, 7358710-7358720							
Benzene	N.D.	0.2	ug/l	114	112	80-120	2	30
Ethylbenzene	N.D.	0.2	ug/l	108	106	80-120	2	30
Toluene	N.D.	0.2	ug/l	108	106	80-120	2	30
Total Xylenes	N.D.	0.2	ug/l	110	108	80-120	2	30
Batch number: 14042A94B	Sample number(s): 7358708-7358709, 7358712, 7358714-7358718							
Benzene	N.D.	0.2	ug/l	114	112	80-120	2	30
Ethylbenzene	N.D.	0.2	ug/l	108	106	80-120	2	30
Toluene	N.D.	0.2	ug/l	108	106	80-120	2	30
Total Xylenes	N.D.	0.2	ug/l	110	108	80-120	2	30
Batch number: 14045B53A	Sample number(s): 7358721-7358724, 7358727							
Benzene	N.D.	0.2	ug/l	98	100	80-120	2	30
Ethylbenzene	N.D.	0.2	ug/l	98	99	80-120	1	30
Toluene	N.D.	0.2	ug/l	98	99	80-120	1	30
Total Xylenes	N.D.	0.2	ug/l	101	102	80-120	1	30
Batch number: 14045B53B	Sample number(s): 7358725-7358726							
Benzene	N.D.	0.2	ug/l	98	100	80-120	2	30
Ethylbenzene	N.D.	0.2	ug/l	98	99	80-120	1	30
Toluene	N.D.	0.2	ug/l	98	99	80-120	1	30
Total Xylenes	N.D.	0.2	ug/l	101	102	80-120	1	30
Batch number: 140415713002	Sample number(s): 7358705-7358706							
Mercury	N.D.	0.00006	mg/l	93		80-120		
		0						
Batch number: 140415713003	Sample number(s): 7358707-7358726							
Mercury	N.D.	0.00006	mg/l	100		80-120		
		0						
Batch number: 140425705004	Sample number(s): 7358705-7358724							
Arsenic	N.D.	0.0068	mg/l	103		90-113		
Barium	N.D.	0.00033	mg/l	103		90-110		
Cadmium	N.D.	0.00076	mg/l	103		90-112		
Chromium	N.D.	0.0016	mg/l	102		90-110		
Lead	N.D.	0.0047	mg/l	108		88-110		
Selenium	N.D.	0.0084	mg/l	101		80-120		
Silver	N.D.	0.0021	mg/l	95		80-120		
Batch number: 140425705005	Sample number(s): 7358725-7358726							
Arsenic	N.D.	0.0068	mg/l	101		90-113		
Barium	N.D.	0.00033	mg/l	99		90-110		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1451307

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Cadmium	N.D.	0.00076	mg/l	101		90-112		
Chromium	N.D.	0.0016	mg/l	101		90-110		
Lead	N.D.	0.0047	mg/l	102		88-110		
Selenium	N.D.	0.0084	mg/l	98		80-120		
Silver	N.D.	0.0021	mg/l	107		80-120		
Batch number: 14041347601B Chloride	Sample number(s): 7358708-7358714 N.D.	0.20	mg/l	100		90-110		
Batch number: 14041347902A Chloride	Sample number(s): 7358705-7358706 N.D.	0.20	mg/l	96		90-110		
Batch number: 14042347601B Chloride	Sample number(s): 7358707 N.D.	0.20	mg/l	98		90-110		
Batch number: 14043347601B Chloride	Sample number(s): 7358715-7358724 N.D.	0.20	mg/l	104		90-110		
Batch number: 14044347601A Chloride	Sample number(s): 7358725-7358726 N.D.	0.20	mg/l	98	99	90-110	1	20
Batch number: 14042021202A Total Dissolved Solids	Sample number(s): 7358705-7358714 N.D.	9.7	mg/l	103		80-120		
Batch number: 14043021201A Total Dissolved Solids	Sample number(s): 7358715-7358724 N.D.	9.7	mg/l	102		80-120		
Batch number: 14043021201B Total Dissolved Solids	Sample number(s): 7358725-7358726 N.D.	9.7	mg/l	102		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 140415713002 Mercury	Sample number(s): 7358705-7358706 85	94	80-120	3	20	UNSPK: P358529 0.0017	BKG: P358529 0.0017	1	20
Batch number: 140415713003 Mercury	Sample number(s): 7358707-7358726 86	85	80-120	1	20	UNSPK: 7358708 N.D.	BKG: 7358708 N.D.	0 (1)	20
Batch number: 140425705004 Arsenic	Sample number(s): 7358705-7358724 108	108	81-123	0	20	UNSPK: 7358708 N.D.	BKG: 7358708 N.D.	0 (1)	20
Barium	79	83	78-118	2	20	3.95	4.04	2	20
Cadmium	99	99	83-116	0	20	N.D.	N.D.	0 (1)	20
Chromium	100	101	76-120	1	20	N.D.	N.D.	0 (1)	20
Lead	95	95	75-125	0	20	N.D.	N.D.	0 (1)	20
Selenium	104	104	75-125	0	20	N.D.	N.D.	0 (1)	20
Silver	96	97	75-125	1	20	N.D.	N.D.	0 (1)	20
Batch number: 140425705005	Sample number(s): 7358725-7358726 UNSPK: P356527					BKG: P356527			

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control SummaryClient Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1451307

Sample Matrix Quality ControlUnspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Arsenic	102	103	81-123	0	20	0.0905	0.0923	2 (1)	20
Barium	101	102	78-118	1	20	0.162	0.165	2	20
Cadmium	98	101	83-116	3	20	N.D.	N.D.	0 (1)	20
Chromium	96	97	76-120	1	20	N.D.	0.0023 J	200* (1)	20
Lead	101	105	75-125	3	20	N.D.	N.D.	0 (1)	20
Selenium	96	96	75-125	1	20	N.D.	N.D.	0 (1)	20
Silver	110	111	75-125	1	20	N.D.	N.D.	0 (1)	20
Batch number: 14041347601B Chloride	Sample number(s): 7358708-7358714 UNSPK: P356511 BKG: P356511 121* 90-110 1,700 1,760 3 20								
Batch number: 14041347902A Chloride	Sample number(s): 7358705-7358706 UNSPK: P358653 BKG: P358653 106 90-110 3,410 3,530 3 20								
Batch number: 14042347601B Chloride	Sample number(s): 7358707 UNSPK: P359579 BKG: P359579 128* 90-110 12,600 13,100 4 20								
Batch number: 14043347601B Chloride	Sample number(s): 7358715-7358724 UNSPK: 7358715 BKG: 7358715 110 90-110 2,320 2,390 3 20								
Batch number: 14044347601A Chloride	Sample number(s): 7358725-7358726 UNSPK: P361551 BKG: P361551 99 90-110 N.D. N.D. 0 (1) 20								
Batch number: 14042021202A Total Dissolved Solids	Sample number(s): 7358705-7358714 UNSPK: 7358713 BKG: 7358713 101 51-144 1,550 1,530 1 5								
Batch number: 14043021201A Total Dissolved Solids	Sample number(s): 7358715-7358724 UNSPK: 7358719 BKG: 7358719 104 51-144 1,240 1,240 0 5								
Batch number: 14043021201B Total Dissolved Solids	Sample number(s): 7358725-7358726 UNSPK: 7358719 BKG: 7358725 104 51-144 1,040 1,020 2 5								

Surrogate Quality ControlSurrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.Analysis Name: Method 8021 Water Master
Batch number: 14042A94A
Trifluorotoluene-P

7358705	94
7358706	96
7358707	92
7358710	94
7358711	95
7358713	101
7358719	100
7358720	102

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
 (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1451307

Surrogate Quality Control

Blank 95
LCS 92
LCSD 92

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14042A94B
Trifluorotoluene-P

7358708 126*
7358709 192*
7358712 120
7358714 107
7358715 114
7358716 117
7358717 97
7358718 212*
Blank 94
LCS 92
LCSD 92

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14045B53A
Trifluorotoluene-P

7358721 87
7358722 84
7358723 79
7358724 79
7358727 75
Blank 75
LCS 74
LCSD 74

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14045B53B
Trifluorotoluene-P

7358725 89
7358726 172*
Blank 75
LCS 74
LCSD 74

Limits: 51-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.



**Lancaster
Laboratories**

Acct. # 11713

For Eurofins Lancaster Laboratories use only
Group # 1451307 Sample # 7358705-27
Instructions on reverse side correspond with circled numbers.

1 of 2

[illegible]

Chevron Generic Analysis Request/Chain of Custody



Lancaster
Laboratories

Acct. # 11713

For Eurofins Lancaster Laboratories use only
Group # 1451307 Sample # 7358705-27
Instructions on reverse side correspond with circled numbers.

2 of 2

1 Client Information				4 Matrix				5 Analyses Requested																	
Facility # _____ WBS _____				☐ Sediment ☒ Ground ☐ Surface ☐ Potable ☐ NPDES ☐ Air ☐ Total Number of Containers _____ ☒ BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐ 8260 full scan ☐ Oxygenates ☐ TPH-GRO 8015 ☐ 8260 ☐ TPH-DRO ☐ Silica Gel Cleanup ☐ Lead ☐ Total ☐ Diss. ☐ Method ☐ VPH ☐ EPH ☐ Method ☐ Dissolved metals 60105 ☐ TDS 2540 C ☐ Chlorides 325.3																					
Site Address <u>S. Emile NM #1055271</u>																									
Chevron PM <u>Kegan Boyer</u>																									
Consultant/Office <u>CRA / Midland</u>																									
Consultant Project Mgr. <u>Mike Wisniewski</u>																									
Consultant Phone # <u>432-686-0886</u>																									
Sampler <u>Justin Nixon / Warren Maurer</u>																									
2 Sample Identification		3 Collected		Grab	Composite	Soil	Water	Oil	Total Number of Containers	BTEX + MTBE 8021	8260	Naphth	Oxygenates	TPH-GRO	TPH-DRO	Lead	Total	Diss.	Method	VPH	EPH	Method	Dissolved metals 60105	TDS 2540 C	Chlorides 325.3
Date	Time																								
MW-32-020714	2-7-14	1005	X				X		7	X													X	X	X
MW-30-020714		1050	X				X		7																
MW-9-020714		1140	X				X		7																
MW-31-020714		1235	X				X		7																
MW-21-020714		1315	X				X		7																
MW-11-020714		1220	X				X		7																
Dyp-4-020714		-	X				X		7																
MW-24-020714		1130	X				X		7																
MW-5-020714		1025	X				X		7																
Trip Blanks		-	X				X		4																

SCR #: _____

- ☐ Results in Dry Weight
- ☐ J value reporting needed
- ☐ Must meet lowest detection limits possible for 8260 compounds
- ☐ 8021 MTBE Confirmation
- ☐ Confirm MTBE + Naphthalene
- ☐ Confirm highest hit by 8260
- ☐ Confirm all hits by 8260
- ☐ Run _____ oxy's on highest hit
- ☐ Run _____ oxy's on all hits

6 Remarks

7 Turnaround Time Requested (TAT) (please circle)			Relinquished by <u>[Signature]</u>		Date <u>2-7-14</u>	Time <u>1745</u>	Received by <u>[Signature]</u>		Date	Time
Standard	5 day	4 day	Relinquished by		Date	Time	Received by		Date	Time
72 hour	48 hour	24 hour								
8 Data Package (circle if required)			Relinquished by Commercial Carrier:		Received by		Date		Time	
Type I - Full	Alaska/Type III	EDD (circle if required)	UPS _____ FedEx <u>X</u> Other _____		<u>[Signature]</u>		<u>2/8/14</u>		<u>1405</u>	
Type VI (Raw Data)		CVX-RTBU-FL_05 (default)	Temperature Upon Receipt <u>2.6-5.5 °C</u>		Custody Seals Intact?		Yes <u>(X)</u>		No	

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but $\geq$ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron Environmental Mgmt.
PO Box 6012, Room K-2016
San Ramon CA 94583-0712

February 25, 2014

Project: South Eunice Gas Plant

Submittal Date: 02/06/2014

Group Number: 1450785

Release Number: BOYER

State of Sample Origin: NM

Client Sample DescriptionLancaster Labs (LL) #

MWD-4-020414 Grab Groundwater	7356504
MW-7-020414 Grab Groundwater	7356505
MW-3-020414 Grab Groundwater	7356506
MW-13-020414 Grab Groundwater	7356507
MW-18-020414 Grab Groundwater	7356508
MW-14-020414 Grab Groundwater	7356509
MWD-2-020414 Grab Groundwater	7356510
MWD-11-020414 Grab Groundwater	7356511
MWD-8-020414 Grab Groundwater	7356512
MWD-7-020414 Grab Groundwater	7356513
MWD-1-020414 Grab Groundwater	7356514
DUP-1-020414 Grab Groundwater	7356515
DUP-2-020514 Grab Groundwater	7356516
MW-6-020514 Grab Groundwater	7356517
MW-8-020514 Grab Groundwater	7356518
TMW-1-020514 Grab Groundwater	7356519
MWD-13-020514 Grab Groundwater	7356520
RW-7-020514 Grab Groundwater	7356521
RW-8-020514 Grab Groundwater	7356522
Trip Blank Water	7356523
MW-17-020514 Grab Groundwater	7356524
MW-4-020514 Grab Groundwater	7356525
RW-6-020514 Grab Groundwater	7356526
MWD-15-020514 Grab Groundwater	7356527

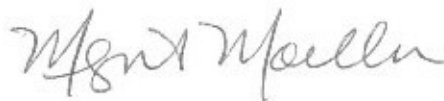
The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC Conestoga-Rovers & Associates

Attn: Claudia Ramos

COPY TO		
ELECTRONIC	CRA	Attn: Christina Majerowicz
COPY TO		
ELECTRONIC	Conestoga-Rovers & Associates	Attn: Mike Wisniowiecki
COPY TO		
ELECTRONIC	Chevron Environmental Mgmt.	Attn: B Samuel Kutty
COPY TO		
ELECTRONIC	CRA	Attn: EDD
COPY TO		

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: MWD-4-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356504
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 10:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0154 J	0.0068	1
07046	Barium	7440-39-3	0.0777	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	45.7	2.0	10
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,190	38.8	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038A53A	02/08/2014 00:16	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038A53A	02/08/2014 00:16	Laura M Krieger	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 09:38	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 09:38	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 09:38	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 09:38	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 09:38	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 09:38	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 09:38	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:01	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1

Sample Description: MWD-4-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356504
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 10:25 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/06/2014 10:15

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	14041347901B	02/11/2014 09:10	Sandra J Miller	10
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202B	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MW-7-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356505
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 11:30 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0085 J	0.0068	1
07046	Barium	7440-39-3	0.0777	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	44.8	4.0	20
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,420	19.4	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038A53A	02/08/2014 00:43	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038A53A	02/08/2014 00:43	Laura M Krieger	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 09:14	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 09:14	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 09:14	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 09:14	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 09:14	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 09:14	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 09:14	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:03	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1

Sample Description: MW-7-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356505
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 11:30 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/06/2014 10:15

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	14041347901B	02/11/2014 09:26	Sandra J Miller	20
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202B	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MW-3-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356506
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 12:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0147 J	0.0068	1
07046	Barium	7440-39-3	0.0624	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	0.0095 J	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	75.0	10.0	50
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	709	19.4	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038A53A	02/08/2014 01:09	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038A53A	02/08/2014 01:09	Laura M Krieger	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 09:42	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 09:42	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 09:42	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 09:42	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 09:42	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 09:42	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 09:42	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:12	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertzt	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1

Sample Description: MW-3-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356506
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 12:50 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/06/2014 10:15

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	14041347601A	02/10/2014 18:06	Sandra J Miller	50
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MW-13-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356507
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 14:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0137 J	0.0068	1
07046	Barium	7440-39-3	0.129	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	830	50.0	250
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,100	38.8	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 12:44	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 12:44	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 09:53	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 09:53	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 09:53	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 09:53	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 09:53	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 09:53	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 09:53	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:14	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MW-13-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356507
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 14:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601A	02/10/2014 18:22	Sandra J Miller	250
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MW-18-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356508
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 15:10 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0206	0.0068	1
07046	Barium	7440-39-3	0.0553	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0016 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	474	50.0	250
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,260	38.8	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 13:11	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 13:11	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 09:57	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 09:57	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 09:57	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 09:57	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 09:57	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 09:57	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 09:57	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:16	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MW-18-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356508
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 15:10 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601A	02/10/2014 18:38	Sandra J Miller	250
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MW-14-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356509
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 16:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0105 J	0.0068	1
07046	Barium	7440-39-3	0.0516	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	597	50.0	250
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,500	77.6	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 13:38	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 13:38	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:01	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:01	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:01	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:01	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:01	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:01	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:01	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:22	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MW-14-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356509
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 16:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601A	02/10/2014 18:54	Sandra J Miller	250
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MWD-2-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356510
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 12:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	3.4	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	1.5	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0340	5
07046	Barium	7440-39-3	0.146	0.0017	5
07049	Cadmium	7440-43-9	N.D.	0.0038	5
07051	Chromium	7440-47-3	0.0446 J	0.0080	5
07055	Lead	7439-92-1	N.D.	0.0235	5
07036	Selenium	7782-49-2	N.D.	0.0420	5
07066	Silver	7440-22-4	N.D.	0.0105	5
Reporting limits for metals were raised due to interference from the sample matrix.					
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	59,700	4,000	20000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	60,200	1,940	10
TDS was reanalyzed in duplicate on 2/14/14 to confirm the above result. These results are 65,200 and 66,000 mg/L.					

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 22:07	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 22:07	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 16:19	Maria A Orrs	5
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 16:19	Maria A Orrs	5
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 16:19	Maria A Orrs	5
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 16:19	Maria A Orrs	5
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 16:19	Maria A Orrs	5
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 16:19	Maria A Orrs	5

Sample Description: MWD-2-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356510
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 12:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 16:19	Maria A Orrs	5
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:24	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	2	14041347601A	02/12/2014 19:41	Sandra J Miller	20000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	10

Sample Description: MWD-11-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356511
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 14:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0079 J	0.0068	1
07046	Barium	7440-39-3	0.0797	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	1,700	100	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,520	9.7	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 14:31	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 14:31	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:10	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:10	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:10	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:10	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:10	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:10	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:10	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:26	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MWD-11-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356511
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 14:05 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/10/2014 19:27	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MWD-8-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356512
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 15:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0120 J	0.0068	1
07046	Barium	7440-39-3	0.0586	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	1,140	100	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,210	77.6	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 14:58	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 14:58	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:14	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:14	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:14	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:14	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:14	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:14	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:14	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:28	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MWD-8-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356512
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 15:40 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/10/2014 20:48	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MWD-7-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356513
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 16:30 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0229	0.0068	1
07046	Barium	7440-39-3	0.0324	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	7,010	400	2000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	10,700	194	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 15:25	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 15:25	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:18	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:18	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:18	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:18	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:18	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:18	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:18	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:30	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MWD-7-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356513
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 16:30 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 12:19	Sandra J Miller	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: MWD-1-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356514
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 17:45 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0158 J	0.0068	1
07046	Barium	7440-39-3	0.0483	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	0.0095 J	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	8,140	400	2000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	12,800	194	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 15:51	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 15:51	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:23	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:23	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:23	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:23	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:23	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:23	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:23	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:32	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MWD-1-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356514
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 17:45 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 12:35	Sandra J Miller	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:04	Noah M Rainbow	1

Sample Description: DUP-1-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356515
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0139 J	0.0068	1
07046	Barium	7440-39-3	0.0752	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	45.2	5.0	25
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,380	38.8	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 16:18	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 16:18	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:27	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:27	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:27	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:27	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:27	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:27	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:27	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:34	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: DUP-1-020414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356515
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/04/2014 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 18:47	Sandra J Miller	25
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021202A	02/07/2014 08:05	Noah M Rainbow	1

Sample Description: DUP-2-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356516
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	0.4 J	0.2	1
02102	Ethylbenzene	100-41-4	2.3	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	27	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0167 J	0.0068	1
07046	Barium	7440-39-3	0.395	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	9,700	1,000	5000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	15,500	776	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 17:12	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 17:12	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:31	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:31	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:31	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:31	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:31	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:31	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:31	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:36	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: DUP-2-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356516
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 15:49	Sandra J Miller	5000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: MW-6-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356517
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 09:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0193 J	0.0068	1
07046	Barium	7440-39-3	0.0569	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0024 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,030	100	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,620	388	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 17:39	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 17:39	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:43	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:43	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:43	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:43	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:43	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:43	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:43	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:38	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MW-6-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356517
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 09:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/10/2014 22:08	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: MW-8-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356518
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 10:55 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	0.7 J	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0224	0.0068	1
07046	Barium	7440-39-3	0.0776	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	1,810	100	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,260	194	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 18:05	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 18:05	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:47	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:47	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:47	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:47	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:47	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:47	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:47	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:40	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MW-8-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356518
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 10:55 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/10/2014 22:25	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: TMW-1-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356519
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 13:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	1.0	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	1.8	0.2	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0224	0.0068	1
07046	Barium	7440-39-3	1.87	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,090	100	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,610	194	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 18:32	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 18:32	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:51	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:51	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:51	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:51	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:51	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:51	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:51	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:46	Damary Valentin	1

Sample Description: TMW-1-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356519
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 13:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/10/2014 22:41	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: MWD-13-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356520
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 10:10 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	3.1	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0172 J	0.0068	1
07046	Barium	7440-39-3	0.0828	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0018 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	11,900	1,000	5000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	20,900	1,940	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 18:59	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 18:59	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 10:55	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 10:55	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 10:55	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 10:55	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 10:55	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 10:55	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 10:55	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:48	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MWD-13-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356520
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 10:10 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/06/2014 10:15

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347601B	02/11/2014 19:03	Sandra J Miller	5000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: RW-7-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356521
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 12:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	54	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	0.4 J	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0146 J	0.0068	1
07046	Barium	7440-39-3	0.154	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0016 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	12,900	1,000	5000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	19,600	1,940	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 19:26	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 19:26	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 11:00	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 11:00	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 11:00	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 11:00	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 11:00	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 11:00	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 11:00	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:50	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: RW-7-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356521
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 12:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/11/2014 11:03	Sandra J Miller	5000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: RW-8-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356522
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 11:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	0.4 J	0.2	1
02102	Ethylbenzene	100-41-4	2.2	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	27	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0161 J	0.0068	1
07046	Barium	7440-39-3	0.396	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	10,100	1,000	5000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	19,100	776	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 19:53	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 19:53	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 11:04	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 11:04	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 11:04	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 11:04	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 11:04	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 11:04	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 11:04	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:52	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: RW-8-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356522
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 11:25 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/11/2014 11:19	Sandra J Miller	5000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: Trip Blank Water
Eunice South Gas Plant

LL Sample # WW 7356523
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 12:18	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 12:18	Marie D Beamenderfer	1

Sample Description: MW-17-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356524
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 14:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	0.2 J	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0110 J	0.0068	1
07046	Barium	7440-39-3	0.0502	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,730	100	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,640	388	10

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 20:19	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 20:19	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705002	02/14/2014 11:08	Eric L Eby	1
07046	Barium	SW-846 6010B	1	140425705002	02/14/2014 11:08	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	140425705002	02/14/2014 11:08	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	140425705002	02/14/2014 11:08	Eric L Eby	1
07055	Lead	SW-846 6010B	1	140425705002	02/14/2014 11:08	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	140425705002	02/14/2014 11:08	Eric L Eby	1
07066	Silver	SW-846 6010B	1	140425705002	02/14/2014 11:08	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	140385713002	02/11/2014 05:54	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705002	02/12/2014 11:01	James L Mertz	1

Sample Description: MW-17-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356524
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 14:50 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713002	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/10/2014 22:28	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14038021203A	02/07/2014 08:25	Yolunder Y Bunch	10

Sample Description: MW-4-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356525
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 16:00 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	0.2	1
02102	Ethylbenzene	100-41-4	N.D.	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	N.D.	0.2	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	0.0672	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	0.0021 J	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,290	100	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,920	194	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 20:46	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 20:46	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705005	02/13/2014 00:00	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	140425705005	02/13/2014 00:00	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	140425705005	02/13/2014 00:00	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	140425705005	02/13/2014 00:00	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	140425705005	02/13/2014 00:00	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	140425705005	02/13/2014 00:00	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	140425705005	02/13/2014 00:00	Tara L Snyder	1
00259	Mercury	SW-846 7470A	1	140385713003	02/11/2014 06:44	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705005	02/12/2014 11:49	James L Mertz	1

Sample Description: MW-4-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356525
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 16:00 by JN

Chevron Environmental Mgmt.

PO Box 6012, Room K-2016

Submitted: 02/06/2014 10:15

San Ramon CA 94583-0712

Reported: 02/25/2014 17:02

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713003	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/10/2014 22:45	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021203A	02/11/2014 11:21	Yolunder Y Bunch	1

Sample Description: RW-6-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356526
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 14:15 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	N.D.	25	1
02102	Ethylbenzene	100-41-4	7.5	0.2	1
02102	Toluene	108-88-3	0.4 J	0.2	1
02102	Total Xylenes	1330-20-7	25	0.2	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	N.D.	0.0068	1
07046	Barium	7440-39-3	1.30	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,470	100	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,330	194	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14038B53A	02/10/2014 22:33	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14038B53A	02/10/2014 22:33	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705005	02/13/2014 00:04	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	140425705005	02/13/2014 00:04	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	140425705005	02/13/2014 00:04	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	140425705005	02/13/2014 00:04	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	140425705005	02/13/2014 00:04	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	140425705005	02/13/2014 00:04	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	140425705005	02/13/2014 00:04	Tara L Snyder	1
00259	Mercury	SW-846 7470A	1	140385713003	02/11/2014 06:52	Damary Valentin	1

Sample Description: RW-6-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356526
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 14:15 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705005	02/12/2014 11:49	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713003	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/10/2014 23:01	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021203A	02/11/2014 11:21	Yolunder Y Bunch	1

Sample Description: MWD-15-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356527
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 15:55 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	0.2 J	0.2	1
02102	Ethylbenzene	100-41-4	1.7	0.2	1
02102	Toluene	108-88-3	N.D.	0.2	1
02102	Total Xylenes	1330-20-7	11	0.2	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0905	0.0068	1
07046	Barium	7440-39-3	0.162	0.00033	1
07049	Cadmium	7440-43-9	N.D.	0.00076	1
07051	Chromium	7440-47-3	N.D.	0.0016	1
07055	Lead	7439-92-1	N.D.	0.0047	1
07036	Selenium	7782-49-2	N.D.	0.0084	1
07066	Silver	7440-22-4	N.D.	0.0021	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	N.D.	0.000060	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,500	100	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,610	194	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14042A94A	02/11/2014 14:15	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14042A94A	02/11/2014 14:15	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	140425705005	02/12/2014 23:37	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	140425705005	02/12/2014 23:37	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	140425705005	02/12/2014 23:37	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	140425705005	02/12/2014 23:37	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	140425705005	02/12/2014 23:37	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	140425705005	02/12/2014 23:37	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	140425705005	02/12/2014 23:37	Tara L Snyder	1
00259	Mercury	SW-846 7470A	1	140385713003	02/11/2014 06:54	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	140425705005	02/12/2014 11:49	James L Mertz	1

Sample Description: MWD-15-020514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7356527
LL Group # 1450785
Account # 11387

Project Name: South Eunice Gas Plant

Collected: 02/05/2014 15:55 by JN

Chevron Environmental Mgmt.

Submitted: 02/06/2014 10:15

PO Box 6012, Room K-2016

Reported: 02/25/2014 17:02

San Ramon CA 94583-0712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	140385713003	02/10/2014 09:30	John W Yanzuk II	1
00224	Chloride	EPA 300.0	1	14041347902A	02/10/2014 23:49	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14042021203A	02/11/2014 11:21	Yolunder Y Bunch	1

Quality Control SummaryClient Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1450785

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14038A53A	Sample number(s): 7356504-7356506							
Benzene	N.D.	0.2	ug/l	105	100	80-120	6	30
Ethylbenzene	N.D.	0.2	ug/l	105	99	80-120	6	30
Toluene	N.D.	0.2	ug/l	105	100	80-120	5	30
Total Xylenes	N.D.	0.2	ug/l	108	102	80-120	6	30
Batch number: 14038B53A	Sample number(s): 7356507-7356526							
Benzene	N.D.	0.2	ug/l	99	99	80-120	0	30
Ethylbenzene	N.D.	0.2	ug/l	97	98	80-120	1	30
Toluene	N.D.	0.2	ug/l	98	100	80-120	1	30
Total Xylenes	N.D.	0.2	ug/l	100	101	80-120	1	30
Batch number: 14042A94A	Sample number(s): 7356527							
Benzene	N.D.	0.2	ug/l	114	112	80-120	2	30
Ethylbenzene	N.D.	0.2	ug/l	108	106	80-120	2	30
Toluene	N.D.	0.2	ug/l	108	106	80-120	2	30
Total Xylenes	N.D.	0.2	ug/l	110	108	80-120	2	30
Batch number: 140385713002	Sample number(s): 7356504-7356522, 7356524							
Mercury	N.D.	0.00006	mg/l	94		80-120		
		0						
Batch number: 140385713003	Sample number(s): 7356525-7356527							
Mercury	N.D.	0.00006	mg/l	97		80-120		
		0						
Batch number: 140425705002	Sample number(s): 7356504-7356522, 7356524							
Arsenic	N.D.	0.0068	mg/l	102		90-113		
Barium	N.D.	0.00033	mg/l	101		90-110		
Cadmium	N.D.	0.00076	mg/l	100		90-112		
Chromium	N.D.	0.0016	mg/l	100		90-110		
Lead	N.D.	0.0047	mg/l	106		88-110		
Selenium	N.D.	0.0084	mg/l	100		80-120		
Silver	N.D.	0.0021	mg/l	88		80-120		
Batch number: 140425705005	Sample number(s): 7356525-7356527							
Arsenic	N.D.	0.0068	mg/l	101		90-113		
Barium	N.D.	0.00033	mg/l	99		90-110		
Cadmium	N.D.	0.00076	mg/l	101		90-112		
Chromium	N.D.	0.0016	mg/l	101		90-110		
Lead	N.D.	0.0047	mg/l	102		88-110		
Selenium	N.D.	0.0084	mg/l	98		80-120		
Silver	N.D.	0.0021	mg/l	107		80-120		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1450785

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14041347601A Chloride	N.D.	0.20	mg/l	100		90-110		
Batch number: 14041347601B Chloride	N.D.	0.20	mg/l	100		90-110		
Batch number: 14041347901B Chloride	N.D.	0.20	mg/l	99		90-110		
Batch number: 14041347902A Chloride	N.D.	0.20	mg/l	96		90-110		
Batch number: 14038021202A Total Dissolved Solids	N.D.	9.7	mg/l	104		80-120		
Batch number: 14038021202B Total Dissolved Solids	N.D.	9.7	mg/l	104		80-120		
Batch number: 14038021203A Total Dissolved Solids	N.D.	9.7	mg/l	105		80-120		
Batch number: 14042021203A Total Dissolved Solids	N.D.	9.7	mg/l	92	100	80-120	8	9

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 140385713002 Mercury	99	96	80-120	3	20	N.D.	N.D.	0 (1)	20
Batch number: 140385713003 Mercury	78*	75*	80-120	4	20	N.D.	N.D.	0 (1)	20
Batch number: 140425705002 Arsenic	111	113	81-123	1	20	0.0085 J	0.0110 J	25* (1)	20
Barium	100	99	78-118	1	20	0.0777	0.0749	4	20
Cadmium	99	98	83-116	1	20	N.D.	N.D.	0 (1)	20
Chromium	100	101	76-120	1	20	N.D.	N.D.	0 (1)	20
Lead	97	95	75-125	2	20	N.D.	N.D.	0 (1)	20
Selenium	108	106	75-125	3	20	N.D.	N.D.	0 (1)	20
Silver	94	93	75-125	2	20	N.D.	N.D.	0 (1)	20
Batch number: 140425705005 Arsenic	102	103	81-123	0	20	0.0905	0.0923	2 (1)	20
Barium	101	102	78-118	1	20	0.162	0.165	2	20
Cadmium	98	101	83-116	3	20	N.D.	N.D.	0 (1)	20
Chromium	96	97	76-120	1	20	N.D.	0.0023 J	200* (1)	20
Lead	101	105	75-125	3	20	N.D.	N.D.	0 (1)	20
Selenium	96	96	75-125	1	20	N.D.	N.D.	0 (1)	20

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control SummaryClient Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1450785

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>BKG</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Silver	110	111	75-125	1	20	N.D.	N.D.	0 (1)	20
Batch number: 14041347601A Chloride	Sample number(s): 7356506-7356510 UNSPK: P356332 BKG: P356332 110 90-110 22,300 22,400 1 20								
Batch number: 14041347601B Chloride	Sample number(s): 7356511-7356520 UNSPK: 7356511 BKG: 7356511 121* 90-110 1,700 1,760 3 20								
Batch number: 14041347901B Chloride	Sample number(s): 7356504-7356505 UNSPK: P354029 BKG: P354029 95 90-110 5,680 5,720 1 20								
Batch number: 14041347902A Chloride	Sample number(s): 7356521-7356522,7356524-7356527 UNSPK: P358653 BKG: P358653 106 90-110 3,410 3,530 3 20								
Batch number: 14038021202A Total Dissolved Solids	Sample number(s): 7356506-7356515 UNSPK: 7356509 BKG: 7356509 105 51-144 1,500 1,540 3 5								
Batch number: 14038021202B Total Dissolved Solids	Sample number(s): 7356504-7356505 UNSPK: 7356509 BKG: 7356504 105 51-144 1,190 1,170 2 5								
Batch number: 14038021203A Total Dissolved Solids	Sample number(s): 7356516-7356522,7356524 UNSPK: P356332 BKG: P356332 96 81 51-144 8 23 42,000 39,500 6* 5								
Batch number: 14042021203A Total Dissolved Solids	Sample number(s): 7356525-7356527 UNSPK: P358165 BKG: P358165 106 51-144 824 944 14* (1) 5								

Surrogate Quality ControlSurrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Method 8021 Water Master

Batch number: 14038A53A

Trifluorotoluene-P

7356504	77
7356505	77
7356506	77
Blank	76
LCS	74
LCSD	74

Limits: 51-120

Analysis Name: Method 8021 Water Master

Batch number: 14038B53A

Trifluorotoluene-P

7356507	75
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*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Environmental Mgmt.
Reported: 02/25/14 at 05:02 PM

Group Number: 1450785

Surrogate Quality Control

7356508	76
7356509	75
7356510	95
7356511	74
7356512	76
7356513	76
7356514	76
7356515	76
7356516	76
7356517	75
7356518	76
7356519	77
7356520	75
7356521	75
7356522	75
7356523	75
7356524	75
7356525	76
7356526	93
Blank	74
LCS	75
LCSD	74

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14042A94A
Trifluorotoluene-P

7356527	93
Blank	95
LCS	92
LCSD	92

Limits: 51-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Chevron Generic Analysis Request/Chain of Custody



Lancaster
Laboratories

Acct. # 11713

For Eurofins Lancaster Laboratories use only
Group # 1450785 Sample # 7356504-27
Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested												6 Remarks																																																																																																																																																																																																																																																																																																																																																																				
Facility # WBS				☐ Sediment ☒ Ground ☐ Surface ☐ Potable ☐ NPDES ☐ Air ☐ Soil ☐ Water ☐ Oil				☐ BTEX + MTBE ☒ 8021 ☐ 8260 ☐ Naphth ☐ 8260 full scan ☐ Oxygenates ☐ TPH-GRO ☐ 8015 ☐ 8260 ☐ TPH-DRO ☐ Silica Gel Cleanup ☐ Lead ☐ Total ☐ Diss. ☐ Method ☐ EPH ☐ Method												SCR #: 151015 ☐ Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run ____ oxy's on highest hit ☐ Run ____ oxy's on all hits																																																																																																																																																																																																																																																																																																																																																																				
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Consultant Phone # 432-686-0086				Total Number of Containers				Dissolved metals 6010B TDS 2540C Chlorides 325.3												Page 1 of 2																																																																																																																																																																																																																																																																																																																																																																				
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sample ID</th> <th colspan="2">Collected</th> <th rowspan="2">Grab</th> <th rowspan="2">Composite</th> <th rowspan="2">Soil</th> <th rowspan="2">Water</th> <th rowspan="2">Oil</th> <th rowspan="2">Total</th> <th rowspan="2">BTEX</th> <th rowspan="2">8021</th> <th rowspan="2">8260</th> <th rowspan="2">Naphth</th> <th rowspan="2">8260 full scan</th> <th rowspan="2">Oxygenates</th> <th rowspan="2">TPH-GRO</th> <th rowspan="2">8015</th> <th rowspan="2">8260</th> <th rowspan="2">TPH-DRO</th> <th rowspan="2">Silica Gel Cleanup</th> <th rowspan="2">Lead</th> <th rowspan="2">Total</th> <th rowspan="2">Diss.</th> <th rowspan="2">Method</th> <th rowspan="2">EPH</th> <th rowspan="2">Method</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>mw-4-020414</td><td>2-4-14</td><td>1025</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-7-020414 (metals ac)</td><td></td><td>1130</td><td>X</td><td></td><td></td><td>X</td><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-3-020414</td><td></td><td>1250</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-13-020414</td><td></td><td>1405</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-18-020414</td><td></td><td>1510</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-14-020414</td><td></td><td>1605</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-2-020414</td><td></td><td>1225</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-11-020414</td><td></td><td>1405</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-8-020414</td><td></td><td>1540</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-7-020414</td><td></td><td>1630</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>mw-1-020414</td><td></td><td>1745</td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>pw-1-020414</td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>pw-2-020514</td><td>2-5-14</td><td></td><td>X</td><td></td><td></td><td>X</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>																						Sample ID	Collected		Grab	Composite	Soil	Water	Oil	Total	BTEX	8021	8260	Naphth	8260 full scan	Oxygenates	TPH-GRO	8015	8260	TPH-DRO	Silica Gel Cleanup	Lead	Total	Diss.	Method	EPH	Method	Date	Time	mw-4-020414	2-4-14	1025	X			X	7	X																	mw-7-020414 (metals ac)		1130	X			X	8																		mw-3-020414		1250	X			X	7																		mw-13-020414		1405	X			X	7																		mw-18-020414		1510	X			X	7																		mw-14-020414		1605	X			X	7																		mw-2-020414		1225	X			X	7																		mw-11-020414		1405	X			X	7																		mw-8-020414		1540	X			X	7																		mw-7-020414		1630	X			X	7																		mw-1-020414		1745	X			X	7																		pw-1-020414			X			X	7																		pw-2-020514	2-5-14		X			X	7																			
Sample ID	Collected		Grab																				Composite	Soil																								Water	Oil	Total	BTEX	8021	8260	Naphth	8260 full scan	Oxygenates	TPH-GRO	8015	8260	TPH-DRO	Silica Gel Cleanup	Lead	Total	Diss.	Method	EPH	Method																																																																																																																																																																																																																																																																																																																					
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Data Package (circle if required) Type I - Full Alaska/Type III Type VI (Raw Data)				EDD (circle if required) CVX-RTBU-FL_05 (default) Other:				Relinquished by Commercial Carrier: UPS FedEx X Other Temperature Upon Receipt 4.5-4.9°C				Received by [Signature] Custody Seals Intact? Yes No				Date 2/6/14 Time 1015																																																																																																																																																																																																																																																																																																																																																																								

Chevron Generic Analysis Request/Chain of Custody



Lancaster
Laboratories

Acct. # 11713

For Eurofins Lancaster Laboratories use only
Group # 1450785 Sample # 7356504-27
Instructions on reverse side correspond with circled numbers.

1 Client Information				4 Matrix				5 Analyses Requested												6 Remarks																																																																																																																																																																																																																																																																																																																												
Facility # <u>WBS</u>				☐ Sediment ☒ Ground ☐ Surface ☐ Potable ☐ NPDES ☐ Air ☐ Soil ☐ Water ☐ Oil				☐ BTEX + MTBE ☒ 8021 ☐ 8260 ☐ Naphth ☐ 8260 full scan ☐ Oxygenates ☐ TPH-GRO ☐ 8015 ☐ 8260 ☐ TPH-DRO ☐ Silica Gel Cleanup ☐ Lead ☐ Total ☐ Diss. ☐ Method ☐ VPH ☐ EPH ☐ Method												SCR #: _____ ☐ Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run _____ oxy's on highest hit ☐ Run _____ oxy's on all hits																																																																																																																																																																																																																																																																																																																												
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Consultant Project Mgr. <u>Mike Wisniewiecki</u>																																																																																																																																																																																																																																																																																																																																																
Consultant Phone # <u>432-686-0086</u>				Total Number of Containers ☐ Grab ☐ Composite				Dissolved metals 6010B TDS 2540C Chlorides 325.3												Page 2 of 2																																																																																																																																																																																																																																																																																																																												
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sample Identification</th> <th colspan="2">Collected</th> <th rowspan="2">Grab</th> <th rowspan="2">Composite</th> <th rowspan="2">Soil</th> <th rowspan="2">Water</th> <th rowspan="2">Oil</th> <th rowspan="2">Total</th> <th rowspan="2">BTEX + MTBE</th> <th rowspan="2">8021</th> <th rowspan="2">8260</th> <th rowspan="2">Naphth</th> <th rowspan="2">8260 full scan</th> <th rowspan="2">Oxygenates</th> <th rowspan="2">TPH-GRO</th> <th rowspan="2">8015</th> <th rowspan="2">8260</th> <th rowspan="2">TPH-DRO</th> <th rowspan="2">Silica Gel Cleanup</th> <th rowspan="2">Lead</th> <th rowspan="2">Total</th> <th rowspan="2">Diss.</th> <th rowspan="2">Method</th> <th rowspan="2">VPH</th> <th rowspan="2">EPH</th> <th rowspan="2">Method</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr><td>MW-6-020514</td><td>2-5-14</td><td>925</td><td>X</td><td></td><td></td><td>X</td><td></td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>MW-8-020514</td><td></td><td>1055</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>TMW-1-020514</td><td></td><td>1325</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>MW-13-020514</td><td></td><td>1010</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>RW-7-020514</td><td></td><td>1250</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>RW-8-020514</td><td></td><td>1125</td><td>X</td><td></td><td></td><td>X</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Trip Blank</td><td></td><td></td><td>X</td><td></td><td></td><td>X</td><td></td><td>420</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>MW-17-020514</td><td></td><td>1450</td><td>X</td><td></td><td></td><td>X</td><td></td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>MW-4-020514</td><td></td><td>1600</td><td>X</td><td></td><td></td><td>X</td><td></td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>RW-6-020514</td><td></td><td>1415</td><td>X</td><td></td><td></td><td>X</td><td></td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>MWD-15-020514 (metals only)</td><td></td><td>1555</td><td>X</td><td></td><td></td><td>X</td><td></td><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>																						Sample Identification	Collected		Grab	Composite	Soil	Water	Oil	Total	BTEX + MTBE	8021	8260	Naphth	8260 full scan	Oxygenates	TPH-GRO	8015	8260	TPH-DRO	Silica Gel Cleanup	Lead	Total	Diss.	Method	VPH	EPH	Method	Date	Time	MW-6-020514	2-5-14	925	X			X		7																		MW-8-020514		1055	X			X																				TMW-1-020514		1325	X			X																				MW-13-020514		1010	X			X																				RW-7-020514		1250	X			X																				RW-8-020514		1125	X			X																				Trip Blank			X			X		420																		MW-17-020514		1450	X			X		7																		MW-4-020514		1600	X			X		7																		RW-6-020514		1415	X			X		7																		MWD-15-020514 (metals only)		1555	X			X		8																	
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Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but $\geq$ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron Env. Management
1400 Smith Street
Room 07076
Houston TX 77002

September 09, 2014

Project: Eunice South, NM

Submittal Date: 08/08/2014

Group Number: 1494713

Release Number: BOYER

State of Sample Origin: NM

Client Sample DescriptionLancaster Labs (LL) #

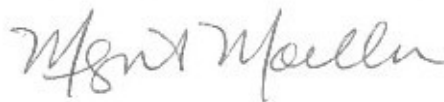
MW-7-080514 Grab Groundwater	7558960
MWD-4-080514 Grab Groundwater	7558961
MW-6-080514 Grab Groundwater	7558962
MW-D-13-080514 Grab Groundwater	7558963
MW-3-080514 Grab Groundwater	7558964
MW-D-11-080514 Grab Groundwater	7558965
Dup-1-080614 Grab Groundwater	7558966
MW-D-2-080614 Grab Groundwater	7558967
MW-D-8-080614 Grab Groundwater	7558968
MW-18-080614 Grab Groundwater	7558969
MW-D-1-080614 Grab Groundwater	7558970
MW-D-7-080614 Grab Groundwater	7558971
RW-8-080714 Grab Groundwater	7558972
RW-7-080714 Grab Groundwater	7558973
RW-6-080714 Grab Groundwater	7558974
MW-13-080714 Grab Groundwater	7558975
MW-14-080714 Grab Groundwater	7558976
Dup-2-080714 Grab Groundwater	7558977
Trip Blank Water	7558978

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC Conestoga-Rovers & Associates
COPY TO

Attn: Mike Wisniowiecki

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: MW-7-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558960
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 08:50 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0582	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	46.7	4.0	10
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,420	120	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 18:01	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 18:01	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:09	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:09	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:09	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:09	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:09	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:09	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:09	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:28	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-7-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558960
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 08:50 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/11/2014 09:26	Sandra J Miller	10
00212	Total Dissolved Solids	SM 2540 C-1997	1	14223021201A	08/11/2014 12:08	Sarah E Thompson	1

Sample Description: MWD-4-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558961
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 10:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0690	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	53.8	8.0	20
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,220	120	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 18:28	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 18:28	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:13	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:13	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:13	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:13	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:13	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:13	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:13	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:30	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MWD-4-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558961
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 10:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/11/2014 11:35	Sandra J Miller	20
00212	Total Dissolved Solids	SM 2540 C-1997	1	14223021201A	08/11/2014 12:08	Sarah E Thompson	1

Sample Description: MW-6-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558962
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 11:30 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
The container used for this analysis was submitted with headspace.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0690	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	3,810	400	1000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	8,280	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 18:55	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 18:55	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 11:09	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 11:09	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 11:09	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/14/2014 17:52	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 11:09	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 11:09	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 11:09	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:32	Damary Valentin	1

Sample Description: MW-6-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558962
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 11:30 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/11/2014 10:47	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14223021201A	08/11/2014 12:08	Sarah E Thompson	10

Sample Description: MW-D-13-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558963
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 13:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0594	0.0200	1
07046	Barium	7440-39-3	0.0904	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	0.0227	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,850	200	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	7,000	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 20:42	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 20:42	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:17	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:17	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:17	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/14/2014 19:30	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:17	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:17	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:17	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:34	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-D-13-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558963
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 13:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/10/2014 06:39	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14223021201A	08/11/2014 12:08	Sarah E Thompson	10

Sample Description: MW-3-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558964
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 15:20 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0537	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	59.9	4.0	10
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	669	60.0	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 21:08	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 21:08	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:22	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:22	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:22	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:22	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:22	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:22	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:22	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:36	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-3-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558964
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 15:20 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/10/2014 07:28	Clinton M Wilson	10
00212	Total Dissolved Solids	SM 2540 C-1997	1	14223021201A	08/11/2014 12:08	Sarah E Thompson	1

Sample Description: MW-D-11-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558965
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 16:35 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0450	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	112	40.0	100
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	656	60.0	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 21:35	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 21:35	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:26	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:26	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:26	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/14/2014 19:33	Katlin N Cataldi	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:26	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:26	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:26	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:38	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-D-11-080514 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558965
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/05/2014 16:35 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/10/2014 07:44	Clinton M Wilson	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14223021201A	08/11/2014 12:08	Sarah E Thompson	1

Sample Description: Dup-1-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558966
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0735	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,620	400	1000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,250	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 22:02	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 22:02	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:30	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:30	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:30	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:30	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:30	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:30	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:30	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:40	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: Dup-1-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558966
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/11/2014 11:03	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: MW-D-2-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558967
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 09:15 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0737	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,620	200	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,120	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 22:28	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 22:28	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:43	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:43	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:43	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:43	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:43	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:43	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:43	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:42	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-D-2-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558967
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 09:15 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/10/2014 08:16	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: MW-D-8-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558968
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 10:30 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0576	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	968	200	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,000	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 22:55	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 22:55	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:47	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:47	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:47	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:47	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:47	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:47	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:47	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:15	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-D-8-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558968
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 10:30 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/10/2014 08:32	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: MW-18-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558969
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 12:10 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0597	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	533	200	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,260	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 23:22	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 23:22	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:51	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:51	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:51	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:51	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:51	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:51	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:51	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:48	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-18-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558969
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 12:10 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/10/2014 08:49	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: MW-D-1-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558970
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 14:15 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0379	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	4,860	400	1000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	9,920	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223C53A	08/13/2014 14:42	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223C53A	08/13/2014 14:42	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 12:56	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 12:56	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 12:56	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 12:56	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 12:56	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 12:56	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 12:56	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:50	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-D-1-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558970
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 14:15 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902A	08/11/2014 11:19	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	10

Sample Description: MW-D-7-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558971
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 15:50 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0229	0.0200	1
07046	Barium	7440-39-3	0.0378	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	5,650	400	1000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	10,900	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223C53A	08/13/2014 15:09	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223C53A	08/13/2014 15:09	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 13:00	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 13:00	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 13:00	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 13:00	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 13:00	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 13:00	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 13:00	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:52	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1

Sample Description: MW-D-7-080614 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558971
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/06/2014 15:50 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/11/2014 12:24	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14224021201A	08/12/2014 08:29	Sarah E Thompson	10

Sample Description: RW-8-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558972
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 08:55 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 2.0	2.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 3.0	3.0	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.152	0.0200	1
07046	Barium	7440-39-3	0.0681	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	1,870	800	2000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,380	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223C53A	08/13/2014 15:36	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223C53A	08/13/2014 15:36	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142235705001	08/12/2014 13:04	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142235705001	08/12/2014 13:04	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142235705001	08/12/2014 13:04	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142235705001	08/12/2014 13:04	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142235705001	08/12/2014 13:04	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142235705001	08/12/2014 13:04	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142235705001	08/12/2014 13:04	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	142235713001	08/12/2014 09:54	Damary Valentin	1

Sample Description: RW-8-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558972
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 08:55 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142235705001	08/11/2014 22:00	Annamaria Kuhns	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	142235713001	08/11/2014 23:20	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/10/2014 10:58	Clinton M Wilson	2000
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: RW-7-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558973
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 10:30 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.103	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	3,020	800	2000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,840	1,200	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223C53A	08/13/2014 16:03	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223C53A	08/13/2014 16:03	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 11:55	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/13/2014 11:55	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 11:55	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 11:55	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:10	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 11:55	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:10	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 06:56	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1

Sample Description: RW-7-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558973
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 10:30 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/10/2014 11:14	Clinton M Wilson	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14224021201A	08/12/2014 08:29	Sarah E Thompson	10

Sample Description: RW-6-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558974
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 11:55 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 30	30	1
02102	Ethylbenzene	100-41-4	6.4	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	6.7	1.0	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.25	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	1,530	200	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,530	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 23:48	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 23:48	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 12:07	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/13/2014 12:07	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 12:07	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 12:07	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:14	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 12:07	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:14	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 07:19	Damary Valentin	1

Sample Description: RW-6-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558974
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 11:55 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/10/2014 11:31	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: MW-13-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558975
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 14:05 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0291	0.0200	1
07046	Barium	7440-39-3	1.45	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	366	40.0	100
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,160	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/13/2014 00:15	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/13/2014 00:15	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 12:12	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/13/2014 12:12	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 12:12	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 12:12	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:18	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 12:12	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:18	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 07:21	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1

Sample Description: MW-13-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558975
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 14:05 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/10/2014 11:47	Clinton M Wilson	100
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202B	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: MW-14-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558976
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 15:40 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0574	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	558	80.0	200
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,700	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/13/2014 00:42	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/13/2014 00:42	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 12:16	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/13/2014 12:16	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 12:16	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 12:16	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:22	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 12:16	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:22	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 07:23	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1

Sample Description: MW-14-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558976
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 15:40 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/11/2014 12:40	Sandra J Miller	200
00212	Total Dissolved Solids	SM 2540 C-1997	1	14224021202A	08/12/2014 12:44	Noah M Rainbow	1

Sample Description: Dup-2-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558977
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0539	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	530	80.0	200
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,580	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/13/2014 01:35	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/13/2014 01:35	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 12:20	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/13/2014 12:20	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 12:20	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 12:20	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:26	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 12:20	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:26	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 07:25	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1

Sample Description: Dup-2-080714 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7558977
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14221987902B	08/11/2014 13:29	Sandra J Miller	200
00212	Total Dissolved Solids	SM 2540 C-1997	2	14225021202A	08/13/2014 15:23	Sarah E Thompson	1

Sample Description: Trip Blank Water
Eunice South Gas Plant

LL Sample # WW 7558978
LL Group # 1494713
Account # 20046

Project Name: Eunice South, NM

Collected: 08/07/2014

Chevron Env. Management

1400 Smith Street

Submitted: 08/08/2014 09:25

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14223B53A	08/12/2014 15:23	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14223B53A	08/12/2014 15:23	Miranda P Tillinghast	1

Quality Control Summary

Client Name: Chevron Env. Management
Reported: 09/09/14 at 10:40 AM

Group Number: 1494713

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14223B53A	Sample number(s): 7558960-7558969, 7558974-7558978							
Benzene	< 1.0	1.0	ug/l	96	97	80-120	1	30
Ethylbenzene	< 1.0	1.0	ug/l	98	98	80-120	0	30
Toluene	< 1.0	1.0	ug/l	97	97	80-120	0	30
Total Xylenes	< 1.0	1.0	ug/l	100	100	80-120	0	30
Batch number: 14223C53A	Sample number(s): 7558970-7558973							
Benzene	< 1.0	1.0	ug/l	100	98	80-120	2	30
Ethylbenzene	< 1.0	1.0	ug/l	102	99	80-120	2	30
Toluene	< 1.0	1.0	ug/l	100	99	80-120	2	30
Total Xylenes	< 1.0	1.0	ug/l	104	102	80-120	2	30
Batch number: 142235705001	Sample number(s): 7558960-7558972							
Arsenic	< 0.0200	0.0200	mg/l	108		90-113		
Barium	< 0.0050	0.0050	mg/l	107		90-110		
Cadmium	< 0.0050	0.0050	mg/l	109		90-112		
Chromium	< 0.0150	0.0150	mg/l	98		90-110		
Lead	< 0.0150	0.0150	mg/l	112		88-116		
Selenium	< 0.0200	0.0200	mg/l	111		89-113		
Silver	< 0.0050	0.0050	mg/l	100		80-120		
Batch number: 142235713001	Sample number(s): 7558960-7558972							
Mercury	< 0.00020	0.00020	mg/l	104		80-120		
Batch number: 142245705004	Sample number(s): 7558973-7558977							
Arsenic	< 0.0200	0.0200	mg/l	111		90-113		
Barium	< 0.0050	0.0050	mg/l	100		90-110		
Cadmium	< 0.0050	0.0050	mg/l	107		90-112		
Chromium	< 0.0150	0.0150	mg/l	109		90-110		
Lead	< 0.0150	0.0150	mg/l	104		88-116		
Selenium	< 0.0200	0.0200	mg/l	104		89-113		
Silver	< 0.0050	0.0050	mg/l	87		80-120		
Batch number: 142245713002	Sample number(s): 7558973-7558977							
Mercury	< 0.00020	0.00020	mg/l	100		80-120		
Batch number: 14221987902A	Sample number(s): 7558960, 7558962-7558970							
Chloride	< 0.40	0.40	mg/l	98	97	90-110	0	20
Batch number: 14221987902B	Sample number(s): 7558961, 7558971-7558977							
Chloride	< 0.40	0.40	mg/l	98	97	90-110	0	20
Batch number: 14223021201A	Sample number(s): 7558960-7558965							
Total Dissolved Solids	< 30.0	30.0	mg/l	96		80-120		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control SummaryClient Name: Chevron Env. Management
Reported: 09/09/14 at 10:40 AM

Group Number: 1494713

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14224021201A Total Dissolved Solids	Sample number(s): 7558971, 7558973 < 30.0	30.0	mg/l	101		80-120		
Batch number: 14224021202A Total Dissolved Solids	Sample number(s): 7558976 < 30.0	30.0	mg/l	97		80-120		
Batch number: 14225021202A Total Dissolved Solids	Sample number(s): 7558966-7558970, 7558972, 7558974, 7558977 < 30.0	30.0	mg/l	90	90	80-120	0	9
Batch number: 14225021202B Total Dissolved Solids	Sample number(s): 7558975 < 30.0	30.0	mg/l	90	90	80-120	0	9

Sample Matrix Quality ControlUnspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 142235705001	Sample number(s): 7558960-7558972 UNSPK: 7558962 BKG: 7558962								
Arsenic	127*	122	81-123	4	20	< 0.0200	< 0.0200	3 (1)	20
Barium	104	98	78-125	6	20	0.0690	0.0714	4	20
Cadmium	110	105	75-122	4	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	93	93	76-120	0	20	< 0.0150	< 0.0150	6 (1)	20
Lead	106	102	75-125	5	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	126*	120	75-125	5	20	< 0.0200	< 0.0200	0 (1)	20
Silver	119	113	75-125	6	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 142235713001	Sample number(s): 7558960-7558972 UNSPK: 7558968 BKG: 7558968								
Mercury	96	96	80-120	0	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 142245705004	Sample number(s): 7558973-7558977 UNSPK: P561833 BKG: P561833								
Arsenic	115	105	81-123	9	20	< 0.0200	< 0.0200	0 (1)	20
Barium	100	99	78-125	1	20	0.0604	0.0607	1	20
Cadmium	108	106	75-122	2	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	112	107	76-120	5	20	< 0.0150	< 0.0150	0 (1)	20
Lead	102	103	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	105	105	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Silver	88	88	75-125	0	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 142245713002	Sample number(s): 7558973-7558977 UNSPK: 7558973 BKG: 7558973								
Mercury	97	95	80-120	2	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 14221987902A	Sample number(s): 7558960, 7558962-7558970 UNSPK: 7558960 BKG: 7558960								
Chloride	95		90-110			46.7	46.6	0	20
Batch number: 14221987902B	Sample number(s): 7558961, 7558971-7558977 UNSPK: 7558961 BKG: 7558961								
Chloride	98		90-110			53.8	53.7	0	20
Batch number: 14223021201A	Sample number(s): 7558960-7558965 UNSPK: 7558961 BKG: 7558961								
Total Dissolved Solids	94		66-131			1,220	1,210	1	5

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
 (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Env. Management
Reported: 09/09/14 at 10:40 AM

Group Number: 1494713

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 14224021201A Total Dissolved Solids	92		66-131		1,330	1,320	1	5
Sample number(s): 7558971,7558973 UNSPK: P559327 BKG: P559327								
Batch number: 14224021202A Total Dissolved Solids	103		66-131		336	334	1	5
Sample number(s): 7558976 UNSPK: P559319 BKG: P559319								
Batch number: 14225021202A Total Dissolved Solids	98		66-131		1,260	1,290	2	5
Sample number(s): 7558966-7558970,7558972,7558974,7558977 UNSPK: 7558969 BKG: 7558969								
Batch number: 14225021202B Total Dissolved Solids	98		66-131		1,160	1,180	1 (1)	5
Sample number(s): 7558975 UNSPK: 7558969 BKG: 7558975								

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Method 8021 Water Master
Batch number: 14223B53A
Trifluorotoluene-P

7558960	75
7558961	74
7558962	74
7558963	74
7558964	74
7558965	74
7558966	74
7558967	74
7558968	74
7558969	75
7558974	103
7558975	75
7558976	74
7558977	74
7558978	75
Blank	75
LCS	73
LCSD	74

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14223C53A
Trifluorotoluene-P

7558970	74
7558971	74

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Env. Management
Reported: 09/09/14 at 10:40 AM

Group Number: 1494713

Surrogate Quality Control

7558972	75
7558973	74
Blank	75
LCS	73
LCSD	73

Limits: 51-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

**Lancaster
Laboratories**

Acct. # 11387

For Eurofins Lancaster Laboratories use only
Group # 1494713 Sample # 7558960-78
Instructions on reverse side correspond with circled numbers.

10 of 11

Instructions on reverse side correspond with circled numbers

1 Client Information				4 Matrix		5 Analyses Requested										6 Remarks					
Facility # <u>055271 S. Eunice</u>				Sediment ☐ Ground ☒ Surface ☐ Potable ☐ NPDES ☐ Air ☐ Total Number of Containers _____ BTX + MTBE ☒ 8260 ☒ Napth ☐ 8260 full scan _____ Oxygenates _____ TPH-GRO ☐ 8015 ☐ 8260 ☐ TPH-DRO _____ Silica Gel Cleanup ☐ Lead Total ☐ Diss. ☐ Method _____ VPH ☐ EPH ☐ Method _____ <u>Chloride 325.3</u> <u>TDS 2540C</u> <u>Dissolves (As, Se, Pb, Cd, Cr, B, Ar, Hg) 6010C</u>		Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run _____ oxy's on highest hit ☐ Run _____ oxy's on all hits ☐										SCR #: _____					
Site Address <u>Eunice NM</u>																					
Chevron PM <u>Kegan Boyer</u>		Lead Consultant <u>CRA</u>																			
Consultant/Office <u>Midland, TX</u>																					
Consultant Project Mgr. <u>Mike Wisniowiecki</u>																					
Consultant Phone # <u>432-686-0086</u>																					
Sampler <u>Justin Nixon</u>																					
2 Sample Identification		3 Collected		Soil ☐ Water ☐ Oil ☐ Grab ☐ Composite ☐		TPH-GRO ☐ 8015 ☐ 8260 ☐ TPH-DRO _____ Silica Gel Cleanup ☐ Lead Total ☐ Diss. ☐ Method _____ VPH ☐ EPH ☐ Method _____ <u>Chloride 325.3</u> <u>TDS 2540C</u> <u>Dissolves (As, Se, Pb, Cd, Cr, B, Ar, Hg) 6010C</u>										8260 full scan _____ Oxygenates _____ TPH-GRO ☐ 8015 ☐ 8260 ☐ TPH-DRO _____ Silica Gel Cleanup ☐ Lead Total ☐ Diss. ☐ Method _____ VPH ☐ EPH ☐ Method _____ <u>Chloride 325.3</u> <u>TDS 2540C</u> <u>Dissolves (As, Se, Pb, Cd, Cr, B, Ar, Hg) 6010C</u>		Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run _____ oxy's on highest hit ☐ Run _____ oxy's on all hits ☐		SCR #: _____	
Date		Time																			
MW-7-080514		8-5-14 850		X		X										Lab Filter					
MW-D-4-080514		1000																			
MW-6-080514		1130																			
MW-D-080514		1300																			
MW-3-080514		1520																			
MW-D-11-080514		1635																			
Dup-1-080614		8-6-14																			
MW-D-2-080614		915																			
MW-D-8-080614		1030																			
MW-78-080614		1210																			
MW-D-1-080614		1415																			
MW-D-7-080614		1530																			
MW-8-080714		8-7-14 855		X		X															
7 Turnaround Time Requested (TAT) (please circle)				Relinquished by <u>[Signature]</u>		Date <u>8-7-14</u>		Time <u>1730</u>		Received by <u>[Signature]</u>		Date		Time							
Standard 5 day 4 day				Relinquished by _____		Date _____		Time _____		Received by _____		Date _____		Time _____							
72 hour 48 hour 24 hour				Relinquished by _____		Date _____		Time _____		Received by _____		Date _____		Time _____							
8 Data Package (circle if required)		EDD (circle if required)		Relinquished by Commerical Carrier:		Date		Time		Received by		Date		Time							
Type I - Full Alaska/Type III		CVX-RTBU-FL_05 (default)		UPS ☒ FedEx _____ Other _____		8-8-14		925		Custody Seals Intact?		Yes ☒ No									
Type VI (Raw Data)		Other: _____		Temperature Upon Receipt <u>0.7-2.1°C</u>																	

Acct. # 11387

For Eurofins Lancaster Laboratories use only.
Group # 1494713 Sample # 7558960-78
Instructions on reverse side correspond with circled numbers.

20F 2

Client Information						Matrix			Analyses Requested											
Facility # 055271 S-Eunice Site Address Eunice, NM Chevron PM Mike Wisnjo Wiedzi Lead Consultant LRA Consultant/Office Midland, TX Consultant Project Mgr. Kegan Boyer Consultant Phone # 432-686-0080 Sampler Justin Nixon						Sediment ☐ Ground ☒ Surface ☐ Potable ☐ NPDES ☐ Air ☐ Oil ☐			Total Number of Containers	BTEX + MTBE ☒ 8021 ☒ 8260 ☐ Napht	8260 full scan	Oxygenates	TPH-GRO ☐ 8015 ☐ 8260 ☐	Silica Gel Cleanup ☐	Lead Total ☐ Diss. ☐ Method	VPH ☐ EPH ☐ Method	TDS 2540c	Chlorides 325.3	Diss metals (As, Se, Pb, Ba, Cd, Cr, Ag)	(GO) B
Sample Identification						Date	Time	Grab	Composite	Soil	Water	Oil								
RW-7 - 080714						8-7-14	1030	X												
RW-6 - 080714							1155													
MW-13 - 080714							1405													
MW-14 - 080714							1540													
Dup-2 - 080714							-													
f CIP Block							-	X												
Turnaround Time Requested (TAT) (please circle)						Relinquished by 			Date 8-7-14	Time 1730	Received by 			Date	Time					
Standard 5 day 4 day						Relinquished by			Date	Time	Received by			Date	Time					
72 hour 48 hour 24 hour						Relinquished by			Date	Time	Received by			Date	Time					
Data Package (circle if required) Type I - Full Alaska/Type III Type VI (Raw Data)						EDD (circle if required) CVX-RTBU-FI_05 (default) Other:			Relinquished by Commerical Carrier: UPS FedEx Other			Received by 			Date 8-8-14	Time 925				
Temperature Upon Receipt						0.9-2.1 °C			Custody Seals Intact?			Yes No								

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but $\geq$ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron Env. Management
1400 Smith Street
Room 07076
Houston TX 77002

September 09, 2014

Project: Eunice South, NM

Submittal Date: 08/09/2014

Group Number: 1494919

Release Number: BOYER

State of Sample Origin: NM

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-8-080814 Grab Groundwater	7560152
MW-D-6-080814 Grab Groundwater	7560153
MW-9-080814 Grab Groundwater	7560154
Trip Blank Water	7560155

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC
COPY TO

Conestoga-Rovers & Associates

Attn: Mike Wisniowiecki

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: MW-8-080814 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7560152
LL Group # 1494919
Account # 20046

Project Name: Eunice South, NM

Collected: 08/08/2014 09:10 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/09/2014 09:10

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0436	0.0200	1
07046	Barium	7440-39-3	0.0781	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	1,720	400	1000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,110	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14226A53A	08/19/2014 14:43	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14226A53A	08/19/2014 14:43	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 12:24	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/13/2014 12:24	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 12:24	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 12:24	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:30	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 12:24	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:30	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 07:32	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1

Sample Description: MW-8-080814 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7560152
LL Group # 1494919
Account # 20046

Project Name: Eunice South, NM

Collected: 08/08/2014 09:10 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/09/2014 09:10

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14223347602A	08/12/2014 04:25	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14224021202A	08/12/2014 12:44	Noah M Rainbow	1

Sample Description: MW-D-6-080814 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7560153
LL Group # 1494919
Account # 20046

Project Name: Eunice South, NM

Collected: 08/08/2014 11:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/09/2014 09:10

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	5.4	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 2.0	2.0	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.538	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	261	40.0	100
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,460	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14226A53A	08/19/2014 15:09	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14226A53A	08/19/2014 15:09	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 12:28	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/13/2014 12:28	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 12:28	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 12:28	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:41	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 12:28	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:41	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 07:34	Damary Valentin	1

Sample Description: MW-D-6-080814 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7560153
LL Group # 1494919
Account # 20046

Project Name: Eunice South, NM

Collected: 08/08/2014 11:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/09/2014 09:10

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14223347602A	08/12/2014 15:36	Sandra J Miller	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14224021202A	08/12/2014 12:44	Noah M Rainbow	1

Sample Description: MW-9-080814 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7560154
LL Group # 1494919
Account # 20046

Project Name: Eunice South, NM

Collected: 08/08/2014 12:15 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/09/2014 09:10

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	42	1.0	1
02102	Ethylbenzene	100-41-4	21	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 3.0	3.0	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	12.5	0.0250	5
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	602	400	1000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,770	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14226A53A	08/19/2014 15:36	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14226A53A	08/19/2014 15:36	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142245705004	08/13/2014 12:33	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142245705004	08/15/2014 15:49	Katlin N Cataldi	5
07049	Cadmium	SW-846 6010B	1	142245705004	08/13/2014 12:33	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142245705004	08/13/2014 12:33	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142245705004	08/15/2014 15:45	Katlin N Cataldi	1
07036	Selenium	SW-846 6010B	1	142245705004	08/13/2014 12:33	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142245705004	08/15/2014 15:45	Katlin N Cataldi	1
00259	Mercury	SW-846 7470A	1	142245713002	08/13/2014 07:36	Damary Valentin	1

Sample Description: MW-9-080814 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7560154
LL Group # 1494919
Account # 20046

Project Name: Eunice South, NM

Collected: 08/08/2014 12:15 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/09/2014 09:10

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142245705004	08/12/2014 21:00	Annamaria Kuhns	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	142245713002	08/12/2014 22:00	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14223347602A	08/12/2014 04:57	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14224021202A	08/12/2014 12:44	Noah M Rainbow	1

Sample Description: Trip Blank Water
Eunice South Gas Plant

LL Sample # WW 7560155
LL Group # 1494919
Account # 20046

Project Name: Eunice South, NM

Collected: 08/08/2014

Chevron Env. Management

1400 Smith Street

Submitted: 08/09/2014 09:10

Room 07076

Reported: 09/09/2014 10:40

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14226A53A	08/19/2014 14:16	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14226A53A	08/19/2014 14:16	Miranda P Tillinghast	1

Quality Control Summary

Client Name: Chevron Env. Management
Reported: 09/09/14 at 10:40 AM

Group Number: 1494919

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14226A53A	Sample number(s): 7560152-7560155							
Benzene	< 1.0	1.0	ug/l	102	101	80-120	1	30
Ethylbenzene	< 1.0	1.0	ug/l	103	102	80-120	1	30
Toluene	< 1.0	1.0	ug/l	102	101	80-120	1	30
Total Xylenes	< 1.0	1.0	ug/l	105	104	80-120	1	30
Batch number: 142245705004	Sample number(s): 7560152-7560154							
Arsenic	< 0.0200	0.0200	mg/l	111		90-113		
Barium	< 0.0050	0.0050	mg/l	100		90-110		
Cadmium	< 0.0050	0.0050	mg/l	107		90-112		
Chromium	< 0.0150	0.0150	mg/l	109		90-110		
Lead	< 0.0150	0.0150	mg/l	104		88-116		
Selenium	< 0.0200	0.0200	mg/l	104		89-113		
Silver	< 0.0050	0.0050	mg/l	87		80-120		
Batch number: 142245713002	Sample number(s): 7560152-7560154							
Mercury	< 0.00020	0.00020	mg/l	100		80-120		
Batch number: 14223347602A	Sample number(s): 7560152-7560154							
Chloride	< 0.40	0.40	mg/l	102		90-110		
Batch number: 14224021202A	Sample number(s): 7560152-7560154							
Total Dissolved Solids	< 30.0	30.0	mg/l	97		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 142245705004	Sample number(s): 7560152-7560154 UNSPK: P561833 BKG: P561833								
Arsenic	115	105	81-123	9	20	< 0.0200	< 0.0200	0 (1)	20
Barium	100	99	78-125	1	20	0.0604	0.0607	1	20
Cadmium	108	106	75-122	2	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	112	107	76-120	5	20	< 0.0150	< 0.0150	0 (1)	20
Lead	102	103	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	105	105	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Silver	88	88	75-125	0	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 142245713002	Sample number(s): 7560152-7560154 UNSPK: P558973 BKG: P558973								

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control SummaryClient Name: Chevron Env. Management
Reported: 09/09/14 at 10:40 AM

Group Number: 1494919

Sample Matrix Quality ControlUnspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Mercury	97	95	80-120	2	20	< 0.00020	< 0.00020	0 (1)
Batch number: 14223347602A	Sample number(s): 7560152-7560154 UNSPK: P558985 BKG: P558985							
Chloride	107		90-110		32,700	32,700	0	20
Batch number: 14224021202A	Sample number(s): 7560152-7560154 UNSPK: P559319 BKG: P559319							
Total Dissolved Solids	103		66-131		336	334	1	5

Surrogate Quality ControlSurrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.Analysis Name: Method 8021 Water Master
Batch number: 14226A53A
Trifluorotoluene-P

7560152	74
7560153	81
7560154	120
7560155	74
Blank	74
LCS	73
LCSD	73

Limits: 51-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
 (2) The unspiked result was more than four times the spike added.

Acct. # 11387

For Eurofins Lancaster Laboratories use only
Group # 1494919 Sample # 7560152-55
Instructions on reverse side correspond with circled numbers.

Instructions on reverse side correspond with circled numbers.

Eurofins Lancaster Laboratories, Inc. • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

The white copy should accompany samples to Eurofins Lancaster Laboratories. The yellow copy should be retained by the client.

Issued by Dept. 40 Management

7047.02

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but $\geq$ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Chevron Env. Management
1400 Smith Street
Room 07076
Houston TX 77002

September 09, 2014

Project: Eunice South, NM

Submittal Date: 08/15/2014

Group Number: 1496355

Release Number: BOYER

State of Sample Origin: NM

Client Sample DescriptionLancaster Labs (LL) #

MW-D-17-081214 Grab Groundwater	7566592
DUP-4-081314 Grab Groundwater	7566593
MW-22-081314 Grab Groundwater	7566594
MW-D-14-081314 Grab Groundwater	7566595
TMW-6-081314 Grab Groundwater	7566596
TMW-3-081314 Grab Groundwater	7566597
MW-25-081314 Grab Groundwater	7566598
MW-11-081314 Grab Groundwater	7566599
MW-24-081314 Grab Groundwater	7566600
MW-26-081414 Grab Groundwater	7566601
MW-15-081414 Grab Groundwater	7566602
MW-16-081414 Grab Groundwater	7566603
DUP-5-081414 Grab Groundwater	7566604
MW-D-12-081114 Grab Groundwater	7566605
MW-32-081114 Grab Groundwater	7566606
MW-D-5-081114 Grab Groundwater	7566607
MW-34-081114 Grab Groundwater	7566608
MW-30-081114 Grab Groundwater	7566609
MW-29-081114 Grab Groundwater	7566610
DUP-3-081114 Grab Groundwater	7566611
MW-31-081214 Grab Groundwater	7566612
TMW-1-081214 Grab Groundwater	7566613
MW-4-081214 Grab Groundwater	7566614
MWD-15-081214 Grab Groundwater	7566615
MW-17-081214 Grab Groundwater	7566616
MW-23-081214 Grab Groundwater	7566617
FB-1-081414 Grab Water	7566618
Trip Blank Water	7566619

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC
COPY TO

Conestoga-Rovers & Associates

Attn: Mike Wisniowiecki

Respectfully Submitted,



Megan A. Moeller
Senior Specialist

(717) 556-7261

Sample Description: MW-D-17-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566592
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 16:25 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	210	1.0	1
02102	Ethylbenzene	100-41-4	14	1.0	1
02102	Toluene	108-88-3	8.1	1.0	1
02102	Total Xylenes	1330-20-7	18	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.100	0.100	1
Reporting limits for ICP metals were raised due to interference from the sample matrix.					
07046	Barium	7440-39-3	0.0768	0.0250	1
07049	Cadmium	7440-43-9	< 0.0250	0.0250	1
07051	Chromium	7440-47-3	< 0.0750	0.0750	1
07055	Lead	7439-92-1	< 0.0750	0.0750	1
07036	Selenium	7782-49-2	< 0.100	0.100	1
07066	Silver	7440-22-4	< 0.0250	0.0250	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	117,000	20,000	50000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	203,000	60,000	100

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A94A	08/22/2014 01:54	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A94A	08/22/2014 01:54	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142375705001	08/26/2014 04:06	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142375705001	08/26/2014 04:06	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142375705001	08/26/2014 04:06	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142375705001	08/26/2014 04:06	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142375705001	08/26/2014 04:06	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142375705001	08/26/2014 04:06	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142375705001	08/26/2014 04:06	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	2	142375705001	08/25/2014 21:15	Annamaria Kuhns	1
00224	Chloride	EPA 300.0	1	14228987601A	08/20/2014 08:45	Sandra J Miller	50000

Sample Description: MW-D-17-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566592
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 16:25 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201B	08/18/2014 13:17	Yolunder Y Bunch	100

Sample Description: DUP-4-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566593
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	22,000	100	100
02102	Ethylbenzene	100-41-4	910	100	100
02102	Toluene	108-88-3	< 100	100	100
02102	Total Xylenes	1330-20-7	140	100	100
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	5.38	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	279	80.0	200
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,330	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 17:38	Marie D Beamenderfer	100
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 17:38	Marie D Beamenderfer	100
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 04:33	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 04:33	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 04:33	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 04:33	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 04:33	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 04:33	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 04:33	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601A	08/19/2014 15:43	Sandra J Miller	200
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-22-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566594
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 09:15 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	7,100	25	25
02102	Ethylbenzene	100-41-4	150	25	25
02102	Toluene	108-88-3	< 25	25	25
02102	Total Xylenes	1330-20-7	120	25	25
A preserved vial was submitted for analysis. However, the pH at the time of analysis was 4.					
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0342	0.0200	1
07046	Barium	7440-39-3	1.26	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	6,540	2,000	5000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	10,400	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 18:03	Marie D Beamenderfer	25
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 18:03	Marie D Beamenderfer	25
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 04:44	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 04:44	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 04:44	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 04:44	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 04:44	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 04:44	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 04:44	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601A	08/16/2014 22:04	Clinton M Wilson	5000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: MW-D-14-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566595
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 11:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,900	10	10
02102	Ethylbenzene	100-41-4	580	10	10
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	63	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.31	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	5,290	800	2000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	7,960	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 18:29	Marie D Beamenderfer	10
02102	Method 8021 Water Master	SW-846 8021B	1	14237A94A	08/26/2014 19:43	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 18:29	Marie D Beamenderfer	10
01146	GC VOA Water Prep	SW-846 5030B	2	14237A94A	08/26/2014 19:43	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 04:48	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 04:48	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 04:48	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 04:48	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 04:48	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 04:48	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 04:48	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601A	08/16/2014 22:20	Clinton M Wilson	2000

Sample Description: MW-D-14-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566595
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 11:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: TMW-6-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566596
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 12:50 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	8.1	1.0	1
02102	Ethylbenzene	100-41-4	3.5	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 5.0	5.0	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.601	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,270	200	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,280	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 16:22	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 16:22	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 04:52	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 04:52	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 04:52	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 04:52	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 04:52	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 04:52	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 04:52	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/19/2014 15:59	Sandra J Miller	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: TMW-3-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566597
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 13:40 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	3.8	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0442	0.0200	1
07046	Barium	7440-39-3	3.19	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	670	80.0	200
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,620	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 16:47	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 16:47	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 04:56	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 04:56	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 04:56	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 04:56	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 04:56	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 04:56	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 04:56	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/17/2014 00:46	Clinton M Wilson	200
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-25-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566598
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 14:40 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	2,800	10	10
02102	Ethylbenzene	100-41-4	540	10	10
02102	Toluene	108-88-3	1.6	1.0	1
02102	Total Xylenes	1330-20-7	1.9	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.93	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,540	400	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	5,210	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 18:55	Marie D Beamenderfer	10
02102	Method 8021 Water Master	SW-846 8021B	1	14237A94A	08/26/2014 20:08	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 18:55	Marie D Beamenderfer	10
01146	GC VOA Water Prep	SW-846 5030B	2	14237A94A	08/26/2014 20:08	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:00	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:00	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:00	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:00	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:00	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:00	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:00	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/17/2014 01:02	Clinton M Wilson	1000

Sample Description: MW-25-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566598
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 14:40 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-11-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566599
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 16:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	30,000	100	100
02102	Ethylbenzene	100-41-4	130	100	100
02102	Toluene	108-88-3	< 100	100	100
02102	Total Xylenes	1330-20-7	< 100	100	100
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.59	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	277	20.0	50
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,340	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 19:20	Marie D Beamenderfer	100
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 19:20	Marie D Beamenderfer	100
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:04	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:04	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:04	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:04	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:04	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:04	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:04	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/16/2014 22:36	Clinton M Wilson	50
00212	Total Dissolved Solids	SM 2540 C-1997	1	14231021201B	08/19/2014 08:59	Noah M Rainbow	1

Sample Description: MW-24-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566600
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 17:05 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	17,000	100	100
02102	Ethylbenzene	100-41-4	870	50	50
02102	Toluene	108-88-3	< 50	50	50
02102	Total Xylenes	1330-20-7	110	50	50
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	5.27	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	282	20.0	50
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,170	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 19:45	Marie D Beamenderfer	50
02102	Method 8021 Water Master	SW-846 8021B	1	14237A94A	08/26/2014 17:59	Marie D Beamenderfer	100
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 19:45	Marie D Beamenderfer	50
01146	GC VOA Water Prep	SW-846 5030B	2	14237A94A	08/26/2014 17:59	Marie D Beamenderfer	100
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:08	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:08	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:08	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:08	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:08	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:08	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:08	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/16/2014 23:25	Clinton M Wilson	50

Sample Description: MW-24-081314 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566600
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/13/2014 17:05 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	SM 2540 C-1997	1	14231021201A	08/19/2014 08:59	Noah M Rainbow	1

Sample Description: MW-26-081414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566601
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/14/2014 10:25 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	3,600	20	20
02102	Ethylbenzene	100-41-4	210	5.0	5
02102	Toluene	108-88-3	< 5.0	5.0	5
02102	Total Xylenes	1330-20-7	22	5.0	5
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0285	0.0200	1
07046	Barium	7440-39-3	4.73	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	263	40.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,260	120	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014	20:11	Laura M Krieger	20
02102	Method 8021 Water Master	SW-846 8021B	1	14237A94A	08/26/2014	18:24	Laura M Krieger	5
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014	20:11	Laura M Krieger	20
01146	GC VOA Water Prep	SW-846 5030B	2	14237A94A	08/26/2014	18:24	Laura M Krieger	5
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014	05:13	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014	05:13	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014	05:13	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014	05:13	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014	05:13	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014	05:13	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014	05:13	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014	09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/17/2014	00:13	Clinton M Wilson	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14231021201A	08/19/2014	08:59	Noah M Rainbow	1

Sample Description: MW-15-081414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566602
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/14/2014 12:25 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0523	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,340	400	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,160	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 13:24	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 13:24	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:17	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:17	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:17	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:17	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:17	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:17	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:17	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/17/2014 01:18	Clinton M Wilson	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14231021201A	08/19/2014 08:59	Noah M Rainbow	1

Sample Description: MW-16-081414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566603
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/14/2014 14:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0414	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	0.104	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,560	200	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,880	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 13:49	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 13:49	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:21	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:21	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:21	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:21	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:21	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:21	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:21	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/17/2014 01:34	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14231021201A	08/19/2014 08:59	Noah M Rainbow	1

Sample Description: DUP-5-081414 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566604
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/14/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	3,100	20	20
02102	Ethylbenzene	100-41-4	220	20	20
02102	Toluene	108-88-3	< 20	20	20
02102	Total Xylenes	1330-20-7	23	20	20
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0293	0.0200	1
07046	Barium	7440-39-3	4.56	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	268	40.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,240	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A53A	08/23/2014 00:56	Miranda P Tillinghast	20
01146	GC VOA Water Prep	SW-846 5030B	1	14233A53A	08/23/2014 00:56	Miranda P Tillinghast	20
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:32	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:32	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:32	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:32	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:32	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:32	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:32	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/19/2014 16:15	Sandra J Miller	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14231021201A	08/19/2014 08:59	Noah M Rainbow	1

Sample Description: MW-D-12-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566605
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 12:20 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	160	1.0	1
02102	Ethylbenzene	100-41-4	17	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0662	0.0200	1
07046	Barium	7440-39-3	0.464	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	4,370	400	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	7,040	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/21/2014 18:23	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A53A	08/21/2014 18:23	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:36	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:36	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:36	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:36	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:36	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:36	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:36	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987601B	08/17/2014 02:06	Clinton M Wilson	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: MW-32-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566606
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 13:20 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	3,600	20	20
02102	Ethylbenzene	100-41-4	7.6	5.0	5
02102	Toluene	108-88-3	< 5.0	5.0	5
02102	Total Xylenes	1330-20-7	91	5.0	5
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	3.30	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,360	400	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,310	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/21/2014 21:04	Miranda P Tillinghast	20
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/21/2014 23:44	Miranda P Tillinghast	5
01146	GC VOA Water Prep	SW-846 5030B	1	14232A53A	08/21/2014 21:04	Miranda P Tillinghast	20
01146	GC VOA Water Prep	SW-846 5030B	2	14232A53A	08/21/2014 23:44	Miranda P Tillinghast	5
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 04:04	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 04:04	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 04:04	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 04:04	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 04:04	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 04:04	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 04:04	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/17/2014 04:00	Clinton M Wilson	1000

Sample Description: MW-32-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566606
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 13:20 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-D-5-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566607
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 14:25 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 5,000	5,000	5000
02102	Ethylbenzene	100-41-4	< 5,000	5,000	5000
02102	Toluene	108-88-3	< 5,000	5,000	5000
02102	Total Xylenes	1330-20-7	< 5,000	5,000	5000
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.948	0.0200	1
07046	Barium	7440-39-3	0.515	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	3,260	2,000	5000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	9,560	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A53A	08/23/2014 01:22	Miranda P Tillinghast	5000
01146	GC VOA Water Prep	SW-846 5030B	1	14233A53A	08/23/2014 01:22	Miranda P Tillinghast	5000
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:40	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:40	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:40	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:40	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:40	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:40	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:40	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/17/2014 04:32	Clinton M Wilson	5000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: MW-34-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566608
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 15:20 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	1,500	5.0	5
02102	Ethylbenzene	100-41-4	21	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	6.8	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	3.91	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	293	80.0	200
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,410	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/22/2014 08:48	Miranda P Tillinghast	5
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/22/2014 10:08	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A53A	08/22/2014 08:48	Miranda P Tillinghast	5
01146	GC VOA Water Prep	SW-846 5030B	2	14232A53A	08/22/2014 10:08	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:44	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:44	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:44	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:44	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:44	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:44	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:44	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/17/2014 04:48	Clinton M Wilson	200

Sample Description: MW-34-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566608
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 15:20 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-30-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566609
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 16:40 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0200	0.0200	1
07046	Barium	7440-39-3	0.498	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	349	40.0	100
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,350	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/21/2014 18:50	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A53A	08/21/2014 18:50	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:48	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:48	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:48	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:48	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:48	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:48	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:48	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/17/2014 05:04	Clinton M Wilson	100
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-29-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566610
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 17:40 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	80	1.0	1
02102	Ethylbenzene	100-41-4	63	1.0	1
02102	Toluene	108-88-3	1.1	1.0	1
02102	Total Xylenes	1330-20-7	14	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	4.09	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	101	20.0	50
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	870	120	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/22/2014	09:14	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A53A	08/22/2014	09:14	Laura M Krieger	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014	05:52	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014	05:52	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014	05:52	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014	05:52	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014	05:52	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014	05:52	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014	05:52	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014	09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/17/2014	02:55	Clinton M Wilson	50
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014	13:17	Yolunder Y Bunch	1

Sample Description: DUP-3-081114 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 756611
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/11/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	160	1.0	1
02102	Ethylbenzene	100-41-4	17	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0714	0.0200	1
07046	Barium	7440-39-3	0.469	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	4,290	800	2000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	7,480	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/21/2014 19:16	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A53A	08/21/2014 19:16	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142305705002	08/21/2014 05:56	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	142305705002	08/21/2014 05:56	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	142305705002	08/21/2014 05:56	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	142305705002	08/21/2014 05:56	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	142305705002	08/21/2014 05:56	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	142305705002	08/21/2014 05:56	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	142305705002	08/21/2014 05:56	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705002	08/19/2014 09:39	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/19/2014 16:31	Sandra J Miller	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: MW-31-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566612
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 09:00 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 20	20	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 2.0	2.0	1
Reporting limits were raised due to interference from the sample matrix.					
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	4.62	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	453	200	500
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,260	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A94A	08/22/2014 02:19	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A94A	08/22/2014 02:19	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705003	08/20/2014 10:08	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142305705003	08/20/2014 10:08	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142305705003	08/20/2014 10:08	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142305705003	08/20/2014 10:08	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142305705003	08/20/2014 10:08	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142305705003	08/20/2014 10:08	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142305705003	08/20/2014 10:08	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705003	08/19/2014 09:11	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/17/2014 05:20	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: TMW-1-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566613
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 09:55 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0241	0.0200	1
07046	Barium	7440-39-3	0.452	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	875	200	500
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,930	240	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A94A	08/22/2014 02:45	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A94A	08/22/2014 02:45	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705003	08/20/2014 10:12	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142305705003	08/20/2014 10:12	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142305705003	08/20/2014 10:12	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142305705003	08/20/2014 10:12	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142305705003	08/20/2014 10:12	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142305705003	08/20/2014 10:12	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142305705003	08/20/2014 10:12	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705003	08/19/2014 09:11	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602A	08/17/2014 06:09	Clinton M Wilson	500
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-4-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566614
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 11:10 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.108	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	3,910	400	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	6,880	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A94A	08/22/2014 03:10	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A94A	08/22/2014 03:10	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705003	08/20/2014 10:16	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142305705003	08/20/2014 10:16	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142305705003	08/20/2014 10:16	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142305705003	08/20/2014 10:16	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142305705003	08/20/2014 10:16	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142305705003	08/20/2014 10:16	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142305705003	08/20/2014 10:16	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705003	08/19/2014 09:11	Micaela L Dishong	1
00224	Chloride	EPA 300.0	2	14228987602A	08/19/2014 20:02	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: MWD-15-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566615
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 12:30 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	1.9	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0971	0.0200	1
07046	Barium	7440-39-3	0.144	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,500	800	2000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	6,440	1,200	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A94A	08/22/2014 04:51	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A94A	08/22/2014 04:51	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705003	08/20/2014 10:20	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142305705003	08/20/2014 10:20	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142305705003	08/20/2014 10:20	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142305705003	08/20/2014 10:20	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142305705003	08/20/2014 10:20	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142305705003	08/20/2014 10:20	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142305705003	08/20/2014 10:20	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705003	08/19/2014 09:11	Micaela L Dishong	1
00224	Chloride	EPA 300.0	2	14228987602A	08/21/2014 20:50	Sandra J Miller	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: MW-17-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566616
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 13:50 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0542	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	3,120	400	1000
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	6,130	600	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A94A	08/22/2014 14:15	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A94A	08/22/2014 14:15	Marie D Beamenderfer	1
07035	Arsenic	SW-846 6010B	1	142305705003	08/20/2014 10:24	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142305705003	08/20/2014 10:24	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142305705003	08/20/2014 10:24	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142305705003	08/20/2014 10:24	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142305705003	08/20/2014 10:24	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142305705003	08/20/2014 10:24	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142305705003	08/20/2014 10:24	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705003	08/19/2014 09:11	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602B	08/19/2014 17:04	Sandra J Miller	1000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	1

Sample Description: MW-23-081214 Grab Groundwater
Eunice South Gas Plant

LL Sample # WW 7566617
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/12/2014 14:55 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0217	0.0200	1
07046	Barium	7440-39-3	0.0595	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	7,610	800	2000
	SM 2540 C-1997		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	12,400	2,400	10

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14232A53A	08/21/2014 19:43	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14232A53A	08/21/2014 19:43	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142305705003	08/20/2014 10:28	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142305705003	08/20/2014 10:28	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142305705003	08/20/2014 10:28	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142305705003	08/20/2014 10:28	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142305705003	08/20/2014 10:28	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142305705003	08/20/2014 10:28	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142305705003	08/20/2014 10:28	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705003	08/19/2014 09:11	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602B	08/17/2014 09:55	Clinton M Wilson	2000
00212	Total Dissolved Solids	SM 2540 C-1997	1	14230021201A	08/18/2014 13:17	Yolunder Y Bunch	10

Sample Description: FB-1-081414 Grab Water
Eunice South Gas Plant

LL Sample # WW 756618
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/14/2014 by JN

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	< 0.0050	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	< 0.40	0.40	1
		SM 2540 C-1997	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	< 30.0	30.0	1

General Sample Comments

This sample was lab filtered for dissolved metals.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A53A	08/22/2014 16:01	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A53A	08/22/2014 16:01	Miranda P Tillinghast	1
07035	Arsenic	SW-846 6010B	1	142305705003	08/20/2014 10:32	Eric L Eby	1
07046	Barium	SW-846 6010B	1	142305705003	08/20/2014 10:32	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	142305705003	08/20/2014 10:32	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	142305705003	08/20/2014 10:32	Eric L Eby	1
07055	Lead	SW-846 6010B	1	142305705003	08/20/2014 10:32	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	142305705003	08/20/2014 10:32	Eric L Eby	1
07066	Silver	SW-846 6010B	1	142305705003	08/20/2014 10:32	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	142305705003	08/19/2014 09:11	Micaela L Dishong	1
00224	Chloride	EPA 300.0	1	14228987602B	08/17/2014 10:11	Clinton M Wilson	1
00212	Total Dissolved Solids	SM 2540 C-1997	1	14231021201A	08/19/2014 08:59	Noah M Rainbow	1

Sample Description: Trip Blank Water
Eunice South Gas Plant

LL Sample # WW 7566619
LL Group # 1496355
Account # 20046

Project Name: Eunice South, NM

Collected: 08/14/2014

Chevron Env. Management

1400 Smith Street

Submitted: 08/15/2014 09:20

Room 07076

Reported: 09/09/2014 10:41

Houston TX 77002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
02102	Benzene	71-43-2	< 1.0	1.0	1
02102	Ethylbenzene	100-41-4	< 1.0	1.0	1
02102	Toluene	108-88-3	< 1.0	1.0	1
02102	Total Xylenes	1330-20-7	< 1.0	1.0	1

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
02102	Method 8021 Water Master	SW-846 8021B	1	14233A53A	08/22/2014 16:28	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14233A53A	08/22/2014 16:28	Miranda P Tillinghast	1

Quality Control SummaryClient Name: Chevron Env. Management
Reported: 09/09/14 at 10:41 AM

Group Number: 1496355

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 14232A53A	Sample number(s): 7566605-7566606, 7566608-7566611, 7566617							
Benzene	< 1.0	1.0	ug/l	99	101	80-120	1	30
Ethylbenzene	< 1.0	1.0	ug/l	100	102	80-120	2	30
Toluene	< 1.0	1.0	ug/l	99	100	80-120	1	30
Total Xylenes	< 1.0	1.0	ug/l	102	104	80-120	1	30
Batch number: 14232A94A	Sample number(s): 7566592, 7566612-7566615							
Benzene	< 1.0	1.0	ug/l	95	98	80-120	3	30
Ethylbenzene	< 1.0	1.0	ug/l	95	99	80-120	4	30
Toluene	< 1.0	1.0	ug/l	95	98	80-120	4	30
Total Xylenes	< 1.0	1.0	ug/l	97	101	80-120	4	30
Batch number: 14233A53A	Sample number(s): 7566604, 7566607, 7566618-7566619							
Benzene	< 1.0	1.0	ug/l	102	101	80-120	1	30
Ethylbenzene	< 1.0	1.0	ug/l	104	103	80-120	1	30
Toluene	< 1.0	1.0	ug/l	103	101	80-120	2	30
Total Xylenes	< 1.0	1.0	ug/l	106	104	80-120	1	30
Batch number: 14233A94A	Sample number(s): 7566593-7566603, 7566616							
Benzene	< 1.0	1.0	ug/l	96	103	80-120	7	30
Ethylbenzene	< 1.0	1.0	ug/l	94	102	80-120	8	30
Toluene	< 1.0	1.0	ug/l	96	103	80-120	8	30
Total Xylenes	< 1.0	1.0	ug/l	96	104	80-120	8	30
Batch number: 14237A94A	Sample number(s): 7566595, 7566598, 7566600-7566601							
Benzene	< 1.0	1.0	ug/l	100		80-120		
Ethylbenzene	< 1.0	1.0	ug/l	98		80-120		
Toluene	< 1.0	1.0	ug/l	100		80-120		
Total Xylenes	< 1.0	1.0	ug/l	100		80-120		
Batch number: 142305705002	Sample number(s): 7566593-7566611							
Arsenic	< 0.0200	0.0200	mg/l	102		90-113		
Barium	< 0.0050	0.0050	mg/l	99		90-110		
Cadmium	< 0.0050	0.0050	mg/l	102		90-112		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Lead	< 0.0150	0.0150	mg/l	106		88-116		
Selenium	< 0.0200	0.0200	mg/l	98		89-113		
Silver	< 0.0050	0.0050	mg/l	89		80-120		
Batch number: 142305705003	Sample number(s): 7566612-7566618							
Arsenic	< 0.0200	0.0200	mg/l	100		90-113		
Barium	< 0.0050	0.0050	mg/l	100		90-110		
Cadmium	< 0.0050	0.0050	mg/l	103		90-112		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Env. Management
Reported: 09/09/14 at 10:41 AM

Group Number: 1496355

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Lead	< 0.0150	0.0150	mg/l	105		88-116		
Selenium	< 0.0200	0.0200	mg/l	101		89-113		
Silver	< 0.0050	0.0050	mg/l	88		80-120		
Batch number: 142375705001	Sample number(s): 7566592							
Arsenic	< 0.0200	0.0200	mg/l	102		90-113		
Barium	< 0.0050	0.0050	mg/l	99		90-110		
Cadmium	< 0.0050	0.0050	mg/l	101		90-112		
Chromium	< 0.0150	0.0150	mg/l	98		90-110		
Lead	< 0.0150	0.0150	mg/l	105		88-116		
Selenium	< 0.0200	0.0200	mg/l	100		89-113		
Silver	< 0.0050	0.0050	mg/l	88		80-120		
Batch number: 14228987601A	Sample number(s): 7566592-7566595							
Chloride	< 0.40	0.40	mg/l	102	103	90-110	0	20
Batch number: 14228987601B	Sample number(s): 7566596-7566605							
Chloride	< 0.40	0.40	mg/l	102	103	90-110	0	20
Batch number: 14228987602A	Sample number(s): 7566606-7566615							
Chloride	< 0.40	0.40	mg/l	103	103	90-110	0	20
Batch number: 14228987602B	Sample number(s): 7566616-7566618							
Chloride	< 0.40	0.40	mg/l	103	103	90-110	0	20
Batch number: 14230021201A	Sample number(s): 7566593-7566598, 7566605-7566617							
Total Dissolved Solids	< 30.0	30.0	mg/l	94		80-120		
Batch number: 14230021201B	Sample number(s): 7566592							
Total Dissolved Solids	< 30.0	30.0	mg/l	94		80-120		
Batch number: 14231021201A	Sample number(s): 7566600-7566604, 7566618							
Total Dissolved Solids	< 30.0	30.0	mg/l	98		80-120		
Batch number: 14231021201B	Sample number(s): 7566599							
Total Dissolved Solids	< 30.0	30.0	mg/l	98		80-120		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 14237A94A	Sample number(s): 7566595, 7566598, 7566600-7566601 UNSPK: P574656								
Benzene	70*	76*	84-126	3	30				
Ethylbenzene	85	95	80-133	8	30				
Toluene	74*	79*	80-133	3	30				
Total Xylenes	68*	70*	80-132	1	30				
Batch number: 142305705002	Sample number(s): 7566593-7566611 UNSPK: 7566606 BKG: 7566606								
Arsenic	113	114	81-123	1	20	< 0.0200	< 0.0200	21* (1)	20
Barium	95	97	78-125	0	20	3.30	3.37	2	20

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control SummaryClient Name: Chevron Env. Management
Reported: 09/09/14 at 10:41 AM

Group Number: 1496355

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup</u> <u>RPD</u> <u>Max</u>
Cadmium	98	98	75-122	0	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	97	97	76-120	0	20	< 0.0150	< 0.0150	200* (1)	20
Lead	98	98	75-125	0	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	108	110	75-125	2	20	< 0.0200	< 0.0200	0 (1)	20
Silver	93	92	75-125	1	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 142305705003 Sample number(s): 7566612-7566618 UNSPK: P565902 BKG: P565902									
Arsenic	114	109	81-123	4	20	< 0.0200	< 0.0200	0 (1)	20
Barium	101	100	78-125	1	20	0.340	0.336	1	20
Cadmium	98	98	75-122	0	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	97	96	76-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Lead	75	77	75-125	2	20	0.0360	0.0315	13 (1)	20
Selenium	103	99	75-125	3	20	< 0.0200	< 0.0200	0 (1)	20
Silver	93	92	75-125	1	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 142375705001 Sample number(s): 7566592 UNSPK: P576310 BKG: P576310									
Arsenic	109	110	81-123	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	100	100	78-125	0	20	0.0225	0.0222	1 (1)	20
Cadmium	101	102	75-122	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	97	98	76-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Lead	105	105	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	104	103	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Silver	88	88	75-125	1	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 14228987601A Sample number(s): 7566592-7566595 UNSPK: P567623 BKG: P567623									
Chloride	100		90-110			29.8	29.4	1	20
Batch number: 14228987601B Sample number(s): 7566596-7566605 UNSPK: 7566599 BKG: 7566599									
Chloride	103		90-110			277	277	0	20
Batch number: 14228987602A Sample number(s): 7566606-7566615 UNSPK: 7566610 BKG: 7566610									
Chloride	105		90-110			101	101	0	20
Batch number: 14228987602B Sample number(s): 7566616-7566618 UNSPK: P567746 BKG: P567746									
Chloride	99		90-110			254	258	2	20
Batch number: 14230021201A Sample number(s): 7566593-7566598,7566605-7566617 UNSPK: 7566593 BKG: 7566593									
Total Dissolved Solids	84		66-131			1,330	1,170	13* (1)	5
Batch number: 14230021201B Sample number(s): 7566592 UNSPK: 7566593 BKG: 7566592									
Total Dissolved Solids	84		66-131			203,000	221,000	8* (1)	5
Batch number: 14231021201A Sample number(s): 7566600-7566604,7566618 UNSPK: 7566603 BKG: 7566603									
Total Dissolved Solids	123		66-131			3,880	4,020	4	5
Batch number: 14231021201B Sample number(s): 7566599 UNSPK: 7566603 BKG: 7566599									
Total Dissolved Solids	123		66-131			1,340	1,320	2	5

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Env. Management
Reported: 09/09/14 at 10:41 AM

Group Number: 1496355

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Method 8021 Water Master
Batch number: 14232A53A
Trifluorotoluene-P

7566605	76
7566606	81
7566608	109
7566609	74
7566610	190*
7566611	75
7566617	74
Blank	73
LCS	72
LCSD	73

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14232A94A
Trifluorotoluene-P

7566592	123*
7566612	111
7566613	85
7566614	84
7566615	85
Blank	84
LCS	83
LCSD	83

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14233A53A
Trifluorotoluene-P

7566604	75
7566607	63
7566618	74
7566619	74
Blank	73
LCS	73
LCSD	72

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14233A94A
Trifluorotoluene-P

7566593	88
7566594	90
7566596	86

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Env. Management
Reported: 09/09/14 at 10:41 AM

Group Number: 1496355

Surrogate Quality Control

7566597	85
7566599	90
7566600	90
7566602	85
7566603	86
7566616	84
Blank	84
LCS	84
LCSD	83

Limits: 51-120

Analysis Name: Method 8021 Water Master
Batch number: 14237A94A
Trifluorotoluene-P

7566595	126*
7566598	131*
7566601	97
Blank	86
LCS	85
MS	89
MSD	90

Limits: 51-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Chevron Generic Analysis Request/Chain of Custody



**Lancaster
Laboratories**

Acct. # 11387

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Group # 1496355

Sample # 7566592-620

10 of 3

Instructions on reverse side correspond with circled numbers.

1 Client Information				3		4 Matrix		5 Analyses Requested												6 Remarks												
Facility # <u>055271</u> WBS <u>5. Enice</u> Site Address <u>Enice, NM</u> Chevron PM <u>Kegan Bayer</u> Lead Consultant <u>CEA</u> Consultant/Office <u>Midland, TX</u> Consultant Project Mgr. <u>Mike Wisniewski</u> Consultant Phone # <u>432-686-0086</u> Sampler <u>Justin Nixon</u>				☐ Sediment ☒ Ground ☐ Surface ☐ Potable ☐ NPDES ☐ Air		Total Number of Containers ☒ BTEX+ MTBE 8021 ☒ 8260 ☐ Naphth 8260 full scan Oxygenates TPH-GRO 8015 ☐ 8260 ☐ TPH-DRO Silica Gel Cleanup ☐ Lead Total ☐ Diss. ☐ Method VPH ☐ EPH ☐ Method <u>Chlorides 325.3</u> <u>TDS 2540C</u> <u>Dissimilals (As, Se, Sn, Co, Cr, Pb, Ag) 6006</u>												SCR #: _____ ☐ Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run _____ oxy's on highest hit ☐ Run _____ oxy's on all hits														
2 Sample Identification		Collected		Grab	Composite	Soil	Water	Oil	Total	BTEX+ MTBE	8021	8260	Naphth	8260 full scan	Oxygenates	TPH-GRO	8015	8260	TPH-DRO	Silica Gel Cleanup	Lead	Total	Diss.	Method	VPH	EPH	Method	Chlorides	TDS	Dissimilals (As, Se, Sn, Co, Cr, Pb, Ag)		
Date	Time																															
<u>mw-0-17-081214</u>	<u>8-7-14</u>	<u>1625</u>	☒				☒		☒																							
<u>dp-4-081314</u>	<u>8-13-14</u>	<u>-</u>	☐																													
<u>mw-22-081314</u>		<u>915</u>	☐																													
<u>mw-0-14-081314</u>		<u>1100</u>	☐																													
<u>mw-6-081314</u>		<u>1250</u>	☐																													
<u>mw-3-081314</u>		<u>1340</u>	☐																													
<u>mw-25-081314</u>		<u>1440</u>	☐																													
<u>mw-11-081314</u>		<u>1600</u>	☐																													
<u>mw-24-081314</u>	<u>8-14-14</u>	<u>1705</u>	☐																													
<u>mw-26-081414</u>		<u>1025</u>	☐																													
<u>mw-15-081414</u>		<u>1225</u>	☐																													
<u>mw-16-081414</u>		<u>1400</u>	☐																													
<u>dp-5-081414</u>		<u>-</u>	☐																													
7 Turnaround Time Requested (TAT) (please circle) Standard 5 day 4 day 72 hour 48 hour 24 hour				Relinquished by <u>[Signature]</u> Date <u>8-7-14</u> Time <u>1730</u> Relinquished by _____ Date _____ Time _____		Received by <u>[Signature]</u> Date _____ Time _____ Received by _____ Date _____ Time _____		Date _____ Time _____ Date _____ Time _____																								
8 Data Package (circle if required) Type I - Full Alaska/Type III Type VI (Raw Data)				EDD (circle if required) CVX-RTBU-FL_05 (default) Other: _____		Relinquished by Commerical Carrier: UPS _____ FedEx <u>X</u> Other _____		Received by <u>[Signature]</u> Date <u>8/15/14</u> Time <u>0920</u>		Temperature Upon Receipt <u>0.8-5.6</u> °C Custody Seals Intact? <u>(Yes)</u> No																						

Chevron Generic Analysis Request/Chain of Custody



**Lancaster
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Acct. # 11387

For Eurofins Lancaster Laboratories use only
Group # 1496355 Sample # 1506592-620
Instructions on reverse side correspond with circled numbers.

2 of 3

1 Client Information				3		4 Matrix		5 Analyses Requested												6 Remarks												
Facility # <u>055271</u> WBS <u>S. Enica</u> Site Address <u>Enica, NM</u> Chevron PM <u>Kegan Boyer</u> Lead Consultant <u>CRA</u> Consultant/Office <u>Midland, TX</u> Consultant Project Mgr. <u>Mike Wisniewski</u> Consultant Phone # <u>432-686-0080</u> Sampler <u>John Nixon</u>				☐ Sediment ☒ Ground ☐ Surface		☐ Potable ☐ NPDES ☐ Air		Total Number of Containers <u>1</u> ☒ BTEX+ MTBE ☒ 8021 ☐ 8260 ☐ Naphth 8260 full scan Oxygenates TPH-GRO ☐ 8015 ☐ 8260 TPH-DRO ☐ Silica Gel Cleanup ☐ Lead ☐ Total ☐ Diss. ☐ Method VPH ☐ EPH ☐ Method <u>Chlorides 325.3</u> <u>TDS 2540C</u> <u>Disinfectants (As, Se, Fe, CO, Hg, Ag) 600B</u>												SCR #: _____ ☐ Results in Dry Weight ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds ☐ 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run _____ oxy's on highest hit ☐ Run _____ oxy's on all hits												
2 Sample Identification		Collected		Grab	Composite	Soil	Water	Oil	Total	BTEX+ MTBE	8021	8260	Naphth	8260 full scan	Oxygenates	TPH-GRO	8015	8260	TPH-DRO	Silica Gel Cleanup	Lead	Total	Diss.	Method	VPH	EPH	Method	Chlorides	TDS	Disinfectants	Remarks	
Date	Time																															
MW-0-12-081114	8-11-14	1220	X				X			X																					Lab filter	
MW-32-081114		1320																														
MW-10-5-081114		1425																														
MW-34-081114		1520																														
MW-30-081114		1640																														
MW-29-081114		1740																														
Dup-3-081114		-																														
MW-31-081214	8-12-14	900																														
TMW-1-081214		955																														
MW-4-081214		1110																														
MW-15-081214		1230																														
MW-17-081214		1350																														
MW-23-081214		1455																														
7 Turnaround Time Requested (TAT) (please circle) Standard 5 day 4 day 72 hour 48 hour 24 hour				Relinquished by <u>[Signature]</u> Relinquished by _____		Date <u>8-14-14</u> Date _____		Time <u>1730</u> Time _____		Received by _____ Received by _____		Date _____ Date _____		Time _____ Time _____		9																
8 Data Package (circle if required) Type I - Full Alaska/Type III Type VI (Raw Data)				EDD (circle if required) CVX-RTBU-FL_05 (default) Other: _____		Relinquished by Commercial Carrier: UPS _____ FedEx <u>X</u> Other _____		Received by <u>[Signature]</u> Received by _____		Date <u>8/15/14</u> Date _____		Time <u>0920</u> Time _____		Temperature Upon Receipt <u>0.8-5.6 °C</u> Temperature Upon Receipt _____ °C		Custody Seals Intact? <u>Yes</u> No																

Acct. # 11387

Group # 496355

Sample #

use only
7566592-620

3 of 3

Instructions on reverse side correspond with circled numbers.

[illegible]

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but $\geq$ IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>25\%$	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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MEMORANDUM

To: Mike Wisniowiecki REF. No.: 055271

FROM: Claudia Ramos/eew/4-NF *CR* DATE: February 24, 2015

RE: **Analytical Results and Reduced Validation
Semiannual Groundwater Monitoring Event
Chevron Environmental Management Company (CEMC) - South Eunice Gas Plant
Lea County, New Mexico
August 2014**

1.0 Introduction

The following 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 2014. 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 Conestoga-Rovers & Associates (CRA) 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), and field QC samples.

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.

2.0 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).

3.0 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.

4.0 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 benzene, toluene, ethylbenzene, and xylene (BTEX) determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. Some high surrogate recoveries were reported for several BTEX analyses. All associated positive samples qualified as estimated (see Table 4).

5.0 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.

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.

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.

6.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

To evaluate the effects of sample matrices on the extraction or digestion 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.

Organic Analyses

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, demonstrating acceptable analytical accuracy and precision.

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.

7.0 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 laboratory performed additional site-specific duplicate analyses internally. The duplicate results were evaluated per the "Guidelines". Several duplicate samples reported high RPDs. All associated samples were qualified as estimated (see Table 5).

8.0 Field QA/QC Samples

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

Trip Blank Sample Analysis

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

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the Site, and cleanliness of sample containers, a rinse blank was submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest.

Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, five 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 percent 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 criteria is one time the PQL value for water sample, respectively.

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

9.0 Conclusion

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

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters					Comments
					BTEX	METALS (DISSOLVED)	MERCURY (DISSOLVED)	CHLORIDE	TDS	
MW-7-080514	MW-7	Water	08/05/2014	08:50	X	X	X	X	X	MS/MSD
MWD-4-080514	MWD-4	Water	08/05/2014	10:00	X	X	X	X	X	MS/MSD
MW-6-080514	MW-6	Water	08/05/2014	11:30	X	X	X	X	X	MS/MSD
MW-D-13-080514	MWD-13	Water	08/05/2014	13:00	X	X	X	X	X	
MW-3-080514	MW-3	Water	08/05/2014	15:20	X	X	X	X	X	
MW-D-11-080514	MWD-11	Water	08/05/2014	16:35	X	X	X	X	X	
Dup-1-080614	MWD-2	Water	08/06/2014	-	X	X	X	X	X	Duplicate of MW-D-2-080614
MW-D-2-080614	MWD-2	Water	08/06/2014	09:15	X	X	X	X	X	
MW-D-8-080614	MWD-8	Water	08/06/2014	10:30	X	X	X	X	X	MS/MSD
MW-18-080614	MW-18	Water	08/06/2014	12:10	X	X	X	X	X	MS/MSD
MW-D-1-080614	MWD-1	Water	08/06/2014	14:15	X	X	X	X	X	
MW-D-7-080614	MWD-7	Water	08/06/2014	15:50	X	X	X	X	X	
RW-8-080714	RW-8	Water	08/07/2014	08:55	X	X	X	X	X	
RW-7-080714	RW-7	Water	08/07/2014	10:30	X	X	X	X	X	MS/MSD
RW-6-080714	RW-6	Water	08/07/2014	11:55	X	X	X	X	X	
MW-13-080714	MW-13	Water	08/07/2014	14:05	X	X	X	X	X	MS/MSD
MW-14-080714	MW-14	Water	08/07/2014	15:40	X	X	X	X	X	
Dup-2-080714	MW-14	Water	08/07/2014	-	X	X	X	X	X	Duplicate of MW-14-080714
Trip Blank	Trip Blank	Water	08/07/2014	-	X					Trip Blank
MW-8-080814	MW-8	Water	08/08/2014	09:10	X	X	X	X	X	
MW-D-6-080814	MWD-6	Water	08/08/2014	11:00	X	X	X	X	X	

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Analysis/Parameters					Comments
					BTEX	METALS (DISSOLVED)	MERCURY (DISSOLVED)	CHLORIDE	TDS	
MW-9-080814	MW-9	Water	08/08/2014	12:15	X	X	X	X	X	
Trip Blank	Trip Blank	Water	08/08/2014	-	X					Trip Blank
MW-D-17-081214	MWD-17	Water	08/12/2014	16:25	X	X		X	X	
DUP-4-081314	MW-24	Water	08/13/2014	-	X	X		X	X	Duplicate of MW-24-081314 & MS/MSD
MW-22-081314	MW-22	Water	08/13/2014	09:15	X	X		X	X	
MW-D-14-081314	MWD-14	Water	08/13/2014	11:00	X	X		X	X	
TMW-6-081314	TMW-6	Water	08/13/2014	12:50	X	X		X	X	
TMW-3-081314	TMW-3	Water	08/13/2014	13:40	X	X		X	X	
MW-25-081314	MW-25	Water	08/13/2014	14:40	X	X		X	X	
MW-11-081314	MW-11	Water	08/13/2014	16:00	X	X		X	X	MS/MSD
MW-24-081314	MW-24	Water	08/13/2014	17:05	X	X		X	X	
MW-26-081414	MW-26	Water	08/14/2014	10:25	X	X		X	X	
MW-15-081414	MW-15	Water	08/14/2014	12:25	X	X		X	X	
MW-16-081414	MW-16	Water	08/14/2014	14:00	X	X		X	X	MS/MSD
DUP-5-081414	MW-26	Water	08/14/2014	-	X	X		X	X	Duplicate of MW-26-081414
MW-D-12-081114	MWD-12	Water	08/11/2014	12:20	X	X		X	X	
MW-32-081114	MW-32	Water	08/11/2014	13:20	X	X		X	X	MS/MSD
MW-D-5-081114	MWD-5	Water	08/11/2014	14:25	X	X		X	X	
MW-34-081114	MW-34	Water	08/11/2014	15:20	X	X		X	X	
MW-30-081114	MW-30	Water	08/11/2014	16:40	X	X		X	X	
MW-29-081114	MW-29	Water	08/11/2014	17:40	X	X		X	X	MS/MSD

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<i>Analysis/Parameters</i>					<i>Comments</i>
					<i>BTEX</i>	<i>METALS (DISSOLVED)</i>	<i>MERCURY (DISSOLVED)</i>	<i>CHLORIDE</i>	<i>TDS</i>	
DUP-3-081114	MWD-12	Water	08/11/2014	-	X	X		X	X	Duplicate of MW-D-12-081114
MW-31-081214	MW-31	Water	08/12/2014	09:00	X	X		X	X	
TMW-1-081214	TMW-1	Water	08/12/2014	09:55	X	X		X	X	
MW-4-081214	MW-4	Water	08/12/2014	11:10	X	X		X	X	
MWD-15-081214	MWD-15	Water	08/12/2014	12:30	X	X		X	X	
MW-17-081214	MW-17	Water	08/12/2014	13:50	X	X		X	X	
MW-23-081214	MW-23	Water	08/12/2014	14:55	X	X		X	X	
FB-1-081414	Field Blank	Water	08/14/2014	-	X	X		X	X	Field Blank
Trip Blank	Trip Blank	Water	08/14/2014	-	X					Trip Blank

Notes:

BTEX -Benzene, toluene, ethylbenzene, xylenes

TDS - Total dissolved solids

MS/MSD - Matrix Spike/Matrix Spike Duplicate

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Sample Location:</i>		<i>MW-3</i>	<i>MW-4</i>	<i>MW-6</i>	<i>MW-7</i>	<i>MW-8</i>	<i>MW-9</i>	<i>MW-11</i>	<i>MW-13</i>	<i>MW-14</i>
<i>Sample ID:</i>		<i>MW-3-080514</i>	<i>MW-4-081214</i>	<i>MW-6-080514</i>	<i>MW-7-080514</i>	<i>MW-8-080814</i>	<i>MW-9-080814</i>	<i>MW-11-081314</i>	<i>MW-13-080714</i>	<i>MW-14-080714</i>
<i>Sample Date:</i>		<i>8/5/2014</i>	<i>8/12/2014</i>	<i>8/5/2014</i>	<i>8/5/2014</i>	<i>8/8/2014</i>	<i>8/8/2014</i>	<i>8/13/2014</i>	<i>8/7/2014</i>	<i>8/7/2014</i>
<i>Parameters</i>	<i>Units</i>									
<i>Metals</i>										
Arsenic (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0436	0.0200 U	0.0200 UJ	0.0291	0.0200 U
Barium (dissolved)	mg/L	0.0537	0.108	0.0690	0.0582	0.0781	12.5	1.59	1.45	0.0574
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 UJ	0.0150 U	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.00020 U	--	0.00020 U	0.00020 U	0.00020 U	0.00020 U	--	0.00020 U	0.00020 U
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
<i>Volatile Organic Compounds</i>										
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	42	30000	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	21	130	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	100 U	1.0 U	1.0 U
Xylenes (total)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	100 U	1.0 U	1.0 U
<i>Wet</i>										
Chloride	mg/L	59.9	3910	3810	46.7	1720	602	277	366	558
Total dissolved solids (TDS)	mg/L	669	6880	8280	1420	4110 J	1770 J	1340	1160	1700 J

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Sample Location:</i>		<i>MW-14</i>	<i>MW-15</i>	<i>MW-16</i>	<i>MW-17</i>	<i>MW-18</i>	<i>MW-22</i>	<i>MW-23</i>	<i>MW-24</i>
<i>Sample ID:</i>		<i>Dup-2-080714</i>	<i>MW-15-081414</i>	<i>MW-16-081414</i>	<i>MW-17-081214</i>	<i>MW-18-080614</i>	<i>MW-22-081314</i>	<i>MW-23-081214</i>	<i>MW-24-081314</i>
<i>Sample Date:</i>		<i>8/7/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/12/2014</i>	<i>8/6/2014</i>	<i>8/13/2014</i>	<i>8/12/2014</i>	<i>8/13/2014</i>
		<i>(Duplicate)</i>							
<i>Parameters</i>	<i>Units</i>								
Metals									
Arsenic (dissolved)	mg/L	0.0200 U	0.0200 UJ	0.0200 UJ	0.0200 U	0.0200 U	0.0342 J	0.0217	0.0200 UJ
Barium (dissolved)	mg/L	0.0539	0.0523	0.0414	0.0542	0.0597	1.26	0.0595	5.27
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0150 UJ	0.104 J	0.0150 U	0.0150 U	0.0150 UJ	0.0150 U	0.0150 UJ
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.00020 U	--	--	--	0.00020 U	--	--	--
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds									
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	7100	1.0 U	17000
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	150	1.0 U	870
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	1.0 U	50 U
Xylenes (total)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	120	1.0 U	110
Wet									
Chloride	mg/L	530	1340	1560	3120	533	6540	7610	282
Total dissolved solids (TDS)	mg/L	1580	3160	3880	6130	1260	10400	12400	1170

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
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<i>Sample Location:</i>		<i>MW-24</i>	<i>MW-25</i>	<i>MW-26</i>	<i>MW-26</i>	<i>MW-29</i>	<i>MW-30</i>	<i>MW-31</i>	<i>MW-32</i>
<i>Sample ID:</i>		<i>DUP-4-081314</i>	<i>MW-25-081314</i>	<i>MW-26-081414</i>	<i>DUP-5-081414</i>	<i>MW-29-081114</i>	<i>MW-30-081114</i>	<i>MW-31-081214</i>	<i>MW-32-081114</i>
<i>Sample Date:</i>		<i>8/13/2014</i>	<i>8/13/2014</i>	<i>8/14/2014</i>	<i>8/14/2014</i>	<i>8/11/2014</i>	<i>8/11/2014</i>	<i>8/12/2014</i>	<i>8/11/2014</i>
		<i>(Duplicate)</i>			<i>(Duplicate)</i>				
<i>Parameters</i>	<i>Units</i>								
<i>Metals</i>									
Arsenic (dissolved)	mg/L	0.0200 UJ	0.0200 UJ	0.0285 J	0.0293 J	0.0200 UJ	0.0200 J	0.0200 U	0.0200 UJ
Barium (dissolved)	mg/L	5.38	1.93	4.73	4.56	4.09	0.498	4.62	3.30
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 UJ	0.0150 UJ	0.0150 UJ	0.0150 UJ	0.0150 UJ	0.0150 UJ	0.0150 U	0.0150 UJ
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	--	--	--	--	--	--	--	--
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
<i>Volatile Organic Compounds</i>									
Benzene	ug/L	22000	2800 J	3600	3100	80 J	1.0 U	20 U	3600
Ethylbenzene	ug/L	910	540 J	210	220	63 J	1.0 U	1.0 U	7.6
Toluene	ug/L	100 U	1.6 J	5.0 U	20 U	1.1 J	1.0 U	1.0 U	5.0 U
Xylenes (total)	ug/L	140	1.9 J	22	23	14 J	1.0 U	2.0 U	91
<i>Wet</i>									
Chloride	mg/L	279	2540	263	268	101	349	453	1360
Total dissolved solids (TDS)	mg/L	1330	5210	1260	1240	870	1350	1260	3310

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
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<i>Sample Location:</i>		<i>MW-34</i>	<i>MWD-1</i>	<i>MWD-2</i>	<i>MWD-2</i>	<i>MWD-4</i>	<i>MWD-5</i>	<i>MWD-6</i>
<i>Sample ID:</i>		<i>MW-34-081114</i>	<i>MW-D-1-080614</i>	<i>MW-D-2-080614</i>	<i>Dup-1-080614</i>	<i>MWD-4-080514</i>	<i>MW-D-5-081114</i>	<i>MW-D-6-080814</i>
<i>Sample Date:</i>		<i>8/11/2014</i>	<i>8/6/2014</i>	<i>8/6/2014</i>	<i>8/6/2014</i> (Duplicate)	<i>8/5/2014</i>	<i>8/11/2014</i>	<i>8/8/2014</i>
<i>Parameters</i>	<i>Units</i>							
Metals								
Arsenic (dissolved)	mg/L	0.0200 UJ	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.948 J	0.0200 U
Barium (dissolved)	mg/L	3.91	0.0379	0.0737	0.0735	0.0690	0.515	0.538
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 UJ	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 UJ	0.0150 U
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	--	0.00020 U	0.00020 U	0.00020 U	0.00020 U	--	0.00020 U
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Volatile Organic Compounds								
Benzene	ug/L	1500	1.0 U	1.0 U	1.0 U	1.0 U	5000 U	1.0 U
Ethylbenzene	ug/L	21	1.0 U	1.0 U	1.0 U	1.0 U	5000 U	5.4
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5000 U	1.0 U
Xylenes (total)	ug/L	6.8	1.0 U	1.0 U	1.0 U	1.0 U	5000 U	2.0 U
Wet								
Chloride	mg/L	293	4860	2620	2620	53.8	3260	261
Total dissolved solids (TDS)	mg/L	1410	9920	5120	5250	1220	9560	1460 J

TABLE 2

**ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014**

<i>Sample Location:</i>		<i>MWD-7</i>	<i>MWD-8</i>	<i>MWD-11</i>	<i>MWD-12</i>	<i>MWD-12</i>	<i>MWD-13</i>	<i>MWD-14</i>
<i>Sample ID:</i>		<i>MW-D-7-080614</i>	<i>MW-D-8-080614</i>	<i>MW-D-11-080514</i>	<i>MW-D-12-081114</i>	<i>DUP-3-081114</i>	<i>MW-D-13-080514</i>	<i>MW-D-14-081314</i>
<i>Sample Date:</i>		<i>8/6/2014</i>	<i>8/6/2014</i>	<i>8/5/2014</i>	<i>8/11/2014</i>	<i>8/11/2014</i> <i>(Duplicate)</i>	<i>8/5/2014</i>	<i>8/13/2014</i>
<i>Parameters</i>	<i>Units</i>							
<i>Metals</i>								
Arsenic (dissolved)	mg/L	0.0229	0.0200 U	0.0200 U	0.0662 J	0.0714 J	0.0594	0.0200 UJ
Barium (dissolved)	mg/L	0.0378	0.0576	0.0450	0.464	0.469	0.0904	1.31
Cadmium (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 UJ	0.0150 UJ	0.0150 U	0.0150 UJ
Lead (dissolved)	mg/L	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	0.00020 U	0.00020 U	0.00020 U	--	--	0.00020 U	--
Selenium (dissolved)	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0227	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
<i>Volatile Organic Compounds</i>								
Benzene	ug/L	1.0 U	1.0 U	1.0 U	160	160	1.0 U	1900 J
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	17	17	1.0 U	580 J
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	63 J
<i>Wet</i>								
Chloride	mg/L	5650	968	112	4370	4290	2850	5290
Total dissolved solids (TDS)	mg/L	10900 J	2000	656	7040	7480	7000	7960

TABLE 2

ANALYTICAL RESULTS SUMMARY
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Sample Location:</i>		<i>MWD-15</i>	<i>MWD-17</i>	<i>RW-6</i>	<i>RW-7</i>	<i>RW-8</i>	<i>TMW-1</i>	<i>TMW-3</i>	<i>TMW-6</i>
<i>Sample ID:</i>		<i>MWD-15-081214</i>	<i>MWD-17-081214</i>	<i>RW-6-080714</i>	<i>RW-7-080714</i>	<i>RW-8-080714</i>	<i>TMW-1-081214</i>	<i>TMW-3-081314</i>	<i>TMW-6-081314</i>
<i>Sample Date:</i>		<i>8/12/2014</i>	<i>8/12/2014</i>	<i>8/7/2014</i>	<i>8/7/2014</i>	<i>8/7/2014</i>	<i>8/12/2014</i>	<i>8/13/2014</i>	<i>8/13/2014</i>
<i>Parameters</i>	<i>Units</i>								
<i>Metals</i>									
Arsenic (dissolved)	mg/L	0.0971	0.100 U	0.0200 U	0.0200 U	0.152	0.0241	0.0442 J	0.0200 UJ
Barium (dissolved)	mg/L	0.144	0.0768	1.25	0.103	0.0681	0.452	3.19	0.601
Cadmium (dissolved)	mg/L	0.0050 U	0.0250 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
Chromium (dissolved)	mg/L	0.0150 U	0.0750 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 UJ	0.0150 UJ
Lead (dissolved)	mg/L	0.0150 U	0.0750 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U	0.0150 U
Mercury (dissolved)	mg/L	--	--	0.00020 U	0.00020 U	0.00020 U	--	--	--
Selenium (dissolved)	mg/L	0.0200 U	0.100 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Silver (dissolved)	mg/L	0.0050 U	0.0250 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
<i>Volatile Organic Compounds</i>									
Benzene	ug/L	1.0 U	210 J	30 U	1.0 U	1.0 U	1.0 U	3.8	8.1
Ethylbenzene	ug/L	1.0 U	14 J	6.4	1.0 U	2.0 U	1.0 U	1.0 U	3.5
Toluene	ug/L	1.0 U	8.1 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	1.9	18 J	6.7	1.0 U	3.0 U	1.0 U	1.0 U	5.0 U
<i>Wet</i>									
Chloride	mg/L	2500	117000	1530	3020	1870	875	670	1270
Total dissolved solids (TDS)	mg/L	6440	203000	3530	5840 J	4380	1930	1620	2280

Notes:

-- Not analyzed

U - Not detected at the associated reporting limit

J - Estimated concentration

UJ - Not detected; associated reporting limit is estimated

TABLE 3

ANALYTICAL METHODS
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Parameter</i>	<i>Method</i>	<i>Matrix</i>
BTEX	SW-846 8021	Water
Metals	SW-846 6020/6010B	Water
Mercury	SW-846 7470A	Water
Chloride	EPA 300.0	Water
Total Dissolved Solids (TDS)	SM 2540 C	Water

Notes:

Method References:

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

BTEX - Benzene, toluene, ethylbenzene, xylenes

TABLE 4

QUALIFIED SAMPLE DATA DUE TO OUTLYING OF SURROGATE RECOVERIES
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Parameter</i>	<i>Sample ID</i>	<i>Surrogate</i>	<i>Surrogate % Recovery</i>	<i>Control Limits % Recovery</i>	<i>Analyte</i>	<i>Qualified Result</i>	<i>Units</i>
BTEX	MW-25-081314	Trifluorotoluene-P	131	51-120	Ethylbenzene	540 J	µg/L
	MW-25-081314				Benzene	2800 J	µg/L
	MW-25-081314				Toluene	1.6 J	µg/L
	MW-25-081314				Xylenes (total)	1.9 J	µg/L
	MW-29-081114	Trifluorotoluene-P	190	51-120	Ethylbenzene	63 J	µg/L
	MW-29-081114				Toluene	1.1 J	µg/L
	MW-29-081114				Xylenes (total)	14 J	µg/L
	MW-29-081114				Benzene	80 J	µg/L
	MW-D-14-081314	Trifluorotoluene-P	126	51-120	Ethylbenzene	580 J	µg/L
	MW-D-14-081314				Benzene	1900 J	µg/L
	MW-D-14-081314				Xylenes (total)	63 J	µg/L
	MW-D-17-081214	Trifluorotoluene-P	123	51-120	Ethylbenzene	14 J	µg/L
	MW-D-17-081214				Toluene	8.1 J	µg/L
	MW-D-17-081214				Xylenes (total)	18 J	µg/L
	MW-D-17-081214				Benzene	210 J	µg/L

Notes:

- J - Estimated concentration
 BTEX - Benzene, toluene, ethylbenzene, xylenes

TABLE 5

QUALIFIED SAMPLE DATA DUE TO OUTLYING LABORATORY DUPLICATE RESULTS
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Parameter</i>	<i>Sample ID</i>	<i>Analyte</i>	<i>RPD (percent)</i>	<i>RPD Control Limit (percent)</i>	<i>Associated Sample IDs</i>	<i>Qualified Result</i>	<i>Units</i>
Metals	MW-32-081114	Arsenic (dissolved)	21	20	DUP-3-081114	0.0714 J	mg/L
		Arsenic (dissolved)			MW-D-12-081114	0.0662 J	mg/L
		Arsenic (dissolved)			DUP-4-081314	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-24-081314	<0.020 UJ	mg/L
		Arsenic (dissolved)			DUP-5-081414	0.0293 J	mg/L
		Arsenic (dissolved)			MW-26-081414	0.0285 J	mg/L
		Arsenic (dissolved)			MW-11-081314	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-15-081414	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-16-081414	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-22-081314	0.0342 J	mg/L
		Arsenic (dissolved)			MW-25-081314	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-29-081114	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-30-081114	0.0200 J	mg/L
		Arsenic (dissolved)			MW-32-081114	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-34-081114	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-D-14-081314	<0.020 UJ	mg/L
		Arsenic (dissolved)			MW-D-5-081114	0.948 J	mg/L
		Arsenic (dissolved)			TMW-3-081314	0.0442 J	mg/L
		Arsenic (dissolved)			TMW-6-081314	<0.020 UJ	mg/L
Metals	MW-32-081114	Chromium (dissolved)	200	20	DUP-3-081114	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-D-12-081114	<0.0150 UJ	mg/L
		Chromium (dissolved)			DUP-4-081314	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-24-081314	<0.0150 UJ	mg/L
		Chromium (dissolved)			DUP-5-081414	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-26-081414	<0.0150 UJ	mg/L

TABLE 5

QUALIFIED SAMPLE DATA DUE TO OUTLYING LABORATORY DUPLICATE RESULTS
SEMIANNUAL GROUNDWATER MONITORING EVENT
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY (CEMC) - SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2014

<i>Parameter</i>	<i>Sample ID</i>	<i>Analyte</i>	<i>RPD</i> <i>(percent)</i>	<i>RPD</i> <i>Control Limit</i> <i>(percent)</i>	<i>Associated Sample IDs</i>	<i>Qualified</i> <i>Result</i>	<i>Units</i>
		Chromium (dissolved)			MW-11-081314	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-15-081414	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-16-081414	0.104 J	mg/L
		Chromium (dissolved)			MW-22-081314	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-25-081314	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-29-081114	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-30-081114	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-32-081114	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-34-081114	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-D-14-081314	<0.0150 UJ	mg/L
		Chromium (dissolved)			MW-D-5-081114	<0.0150 UJ	mg/L
		Chromium (dissolved)			TMW-3-081314	<0.0150 UJ	mg/L
		Chromium (dissolved)			TMW-6-081314	<0.0150 UJ	mg/L
Wet Chemistry	DUP-4-081314	Total dissolved solids (TDS)	13	5	MW-D-7-080614	10900 J	mg/L
		Total dissolved solids (TDS)			RW-7-080714	5840 J	mg/L
Wet Chemistry	MW-D-17-081214	Total dissolved solids (TDS)	8	5	MW-14-080714	1700 J	mg/L
		Total dissolved solids (TDS)			MW-8-080814	4110 J	mg/L
		Total dissolved solids (TDS)			MW-9-080814	1770 J	mg/L
		Total dissolved solids (TDS)			MW-D-6-080814	1460 J	mg/L

Notes:

RPD - Relative Percent Difference

J - Estimated concentration

UJ - Not detected; associated reporting limit is estimated