Kegan W. Boyer, P.G.
Project Manager

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

November 11, 2015

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

Re: Discharge Permit Renewal Application
Former South Eunice Gas Plant
Discharge Permit GW-003

Dr. Oberding,

Chevron Environmental Management Company (CEMC) is pleased to submit this renewal application for Discharge Permit GW-003 associated with the environmental project at the Former South Eunice Gas Plant. Included in this renewal application are the following:

- State of New Mexico, Energy Minerals and Natural Resources, Oil Conservation Division form entitled *Discharge Plan Application For Service Companies, Gas Plants, Refineries, Compressor, Geothermal Facilities and Crude Oil Pump Stations*

- *Discharge Plan Application Attachments, Former Eunice South Gas Plant, Sec 27, T22S, R37E, Discharge Permit GW-003, Lea County, New Mexico* dated November 11, 2015

The above-referenced document *Discharge Plan Application Attachments* was prepared by GHD Services Inc. (GHD, formerly Conestoga-Rovers & Associates, CRA) on behalf of CEMC to document information required for the Discharge Permit renewal. For your convenience, this renewal application package has also been uploaded to the Oil Conservation Division (OCD) Secure FTP Server within the 'Chevron' folder. CEMC is providing two hard copies of this submittal package to the OCD Santa Fe and a courtesy hard copy to the OCD District I office as well.

As discussed in the attached documentation, this Discharge Plan Application is being submitted with respect to the environmental project associated with operations at the Former South Eunice Gas Plant and does not have any relationship to or bearing on the current or future operations by the current Site owner, Targa Midstream Services, LP.

Should you have any questions regarding the content of this discharge permit renewal application or any questions regarding the Former South Eunice Gas Plant project site, please do not hesitate to contact me by phone at 713-372-7705 or via e-mail at kegan.boyer@chevron.com.

Sincerely,

Chevron Environmental Management Company, Attorney-in-Fact for Chevron USA, Inc.

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

encl: *Discharge Plan Application For Service Companies, Gas Plants, Refineries, Compressor, Geothermal Facilities and Crude Oil Pump Stations*

Discharge Plan Application Attachments, Former Eunice South Gas Plant, Sec 27, T22S, R37E, Discharge Permit GW-003, Lea County, New Mexico

Check for Filing Fee of $100.00

cc: Mike Wisniowiecki, GHD
NMOCD District I

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

State of New Mexico
Energy Minerals and Natural Resources

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

Revised August 1, 2011

Submit Original
Plus 1 Copy
to Santa Fe
1 Copy to Appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: Discharge Permit GW-003 – Former Eunice South Gas Plant (Facility)

2. Operator: Chevron U.S.A., Inc.

   Address: 1400 Smith Street, Houston, Texas 77002

   Contact Person: Kegan Boyer Phone: 713-372-7705

3. Location: NW/4 SW/4 Section 27 Township 22 South Range 37 East

   Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site.

5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.

6. Attach a description of all materials stored or used at the facility.

7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.

8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.

9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.

10. Attach a routine inspection and maintenance plan to ensure permit compliance.

11. Attach a contingency plan for reporting and clean-up of spills or releases.

12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.

13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Kegan W. Boyer, P.G. Title: Attorney-in-Fact for Chevron USA, Inc.

Signature:  Date: November 11, 2015

E-mail Address: Kegan.Boyer@chevron.com

Discharge Plan Application Attachments

Former Eunice South Gas Plant

Chevron Environmental Management Company

6320 Rothway Suite 100 Houston Texas 77040

055271 | November 11 2015

Kegan W. Boyer, P.G.
Project Manager

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

November 11, 2015

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

Re: Discharge Permit Renewal Application
Former South Eunice Gas Plant
Discharge Permit GW-003

Dr. Oberding,

Chevron Environmental Management Company (CEMC) is pleased to submit this renewal application for Discharge Permit GW-003 associated with the environmental project at the Former South Eunice Gas Plant. Included in this renewal application are the following:

- State of New Mexico, Energy Minerals and Natural Resources, Oil Conservation Division form entitled *Discharge Plan Application For Service Companies, Gas Plants, Refineries, Compressor, Geothermal Facilities and Crude Oil Pump Stations*

- *Discharge Plan Application Attachments, Former Eunice South Gas Plant, Sec 27, T22S, R37E, Discharge Permit GW-003, Lea County, New Mexico* dated November 11, 2015

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As discussed in the attached documentation, this Discharge Plan Application is being submitted with respect to the environmental project associated with operations at the Former South Eunice Gas Plant and does not have any relationship to or bearing on the current or future operations by the current Site owner, Targa Midstream Services, LP.

Should you have any questions regarding the content of this discharge permit renewal application or any questions regarding the Former South Eunice Gas Plant project site, please do not hesitate to contact me by phone at 713-372-7705 or via e-mail at kegan.boyer@chevron.com.

Sincerely,

Chevron Environmental Management Company, Attorney-in-Fact for Chevron USA, Inc.

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

encl: *Discharge Plan Application For Service Companies, Gas Plants, Refineries, Compressor, Geothermal Facilities and Crude Oil Pump Stations*

Discharge Plan Application Attachments, Former Eunice South Gas Plant, Sec 27, T22S, R37E, Discharge Permit GW-003, Lea County, New Mexico

Check for Filing Fee of $100.00

cc: Mike Wisniowiecki, GHD
NMOCD District I

5696

CONESTOGA-ROVERS & ASSOCIATES, INC.
6320 ROTHWAY, SUITE 100
HOUSTON, TX 77040

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TO THE ORDER OF
New Mexico Water Quality Management Fund
1220 South St. Francis Dr.
Santa Fe, NM 87505

Joe L. Curtis
Scott Claffey MP

⑈005696⑈ ⑆111000614⑆ 113426325⑈

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CONESTOGA-ROVERS & ASSOCIATES, INC.

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

5696

PRODUCT 55203N

DATE	DESCRIPTION	AMOUNT
11-09-2015	NMOCD Discharge Permit Renewal - Filing Fee "GW-003 Renewal" Project # 055271-2015-05	$100.00

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

State of New Mexico
Energy Minerals and Natural Resources

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1220 South St. Francis Dr.
Santa Fe, NM 87505

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DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES,GAS PLANTS, REFINERIES, COMPRESSOR, GEOTHERMAL FACILITES AND CRUDE OIL PUMP STATIONS

(Refer to the OCD Guidelines for assistance in completing the application)

☐ New ☒ Renewal ☐ Modification

1. Type: Discharge Permit GW-003 – Former Eunice South Gas Plant (Facility)

2. Operator: Chevron U.S.A., Inc.

   Address: 1400 Smith Street, Houston, Texas 77002

   Contact Person: Kegan Boyer Phone: 713-372-7705

3. Location: NW/4 SW/4 Section 27 Township 22 South Range 37 East

   Submit large scale topographic map showing exact location.

4. Attach the name, telephone number and address of the landowner of the facility site.

5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.

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13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.

14. CERTIFICATIONI hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Kegan W. Boyer, P.G. Title: Attorney-in-Fact for Chevron USA, Inc.

Signature:  Date: November 11, 2015

E-mail Address: Kegan.Boyer@chevron.com

November 11, 2015 Reference No. 052771

Kegan Boyer, P.G.
Project Manager
Upstream Business Unit
Chevron Environmental Management Company
1400 Smith Street, Room 07076
Houston, TX 77002

Re: Discharge Plan Application Attachments
Former Eunice South Gas Plant
Sec 27, T22S, R37E
Discharge Permit GW-003, OGRID No. 4323
Lea County, New Mexico

Dear Kegan:

GHD Services, Inc. (FKA Conestoga-Rovers and Associates) is pleased to present the Discharge Plan Application (DPA) form and attachments for the renewal of Discharge Permit GW-003 for the Former Eunice South Gas Plant site (the Site) to Chevron Environmental Management Company (CEMC). This DPA will be submitted by CEMC to the New Mexico Oil Conservation Division (NMOCD).

The need for submission of this DPA is based on partial satisfaction of current Site issues discussed during a meeting held between NMOCD and CEMC at NMOCD offices in Santa Fe, New Mexico on October 12, 2015. This DPA pertains only to the abatement and remediation of ground water and vadose zone contamination resulting from historic releases of produced chloride-impacted water and hydrocarbon fluids and does not include activities or conditions resulting from current or future operations performed by the current facility owner and operator.

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) (Figure 1). 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 Plan, the Site is comprised of the original gas plant property [formerly operated by Texaco Exploration and Production, Inc. (Texaco)] and surrounding areas included in the groundwater monitoring program. The Site is bordered by the west side of the facility, State Highway 207 running along the eastern side of the facility through the center of the Site, and the Texas New Mexico Railroad along the eastern boundary of the Site. A Site Location map is provided as Figure 1.

On April 29, 1980, the 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) (formerly issued to Texaco) 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. The current Discharge Permit GW-003 expires on March 16, 2016, a copy is provided in Attachment A.

Discharge Plan Application

The following sections provides required information as outlined in the NMOCD form Discharge Plan Application for Service Companies, Gas Plants, Refineries, Compressor, Geothermal Facilities, and Crude Oil Pump Stations. Within that form, there are 14 items identified as required for the discharge plan renewal. Each of those items is addressed below.

Items #1, #2, and #3 – DPA Items 1 through 3 have been completed in the spaces provided in the DPA form. As detailed on the included DPA form, Items 4 through 13 are to be attached to the DPA form when submitted to NMOCD for consideration and approval. These Items are listed below in this accompanying document, with corresponding materials provided or attached to this document.

Item #4 – Attach the name, telephone number and address of the landowner of the facility site.

Item #4 Response – 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 is owned and operated by Texaco until operations were transferred to Versado Gas Processors, LLC (Versado) on July 1, 1998. Versado is a limited liability partnership originally between Chevron and Dynegy Midstream Services (Dynegy). Dynegy Midstream Services, L.P. (Dynegy) operated two compressors in the northwest portion of the Site. Dynegy was sold to Targa Midstream Services, L.P. (Targa), and Targa currently operates the compressor stations. Conditions of the site transfer designated Texaco (now Chevron) as retaining responsibility for the subsurface investigation and remediation of the existing impacted groundwater. Targa Midstream Service, L.P. is the current landowner of the facility, with headquarter offices at 1000 Louisiana, Suite 4300, Houston, TX 77002, telephone number (713) 584-1000. As noted above, the DPA is associated solely with the environmental assessment and remediation project being managed by CEMC and is not related to any current or future operations at the Site conducted by Targa.

Item #5 – Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.

Item #5 Response – Targa currently operates the compressor stations and a hydrogen sulfide gas injection well, with the remainder of the facility partially dismantled and with much of the equipment shut-in. A Site Details map is provided as Figure 2, indicating areas of facility operations and related equipment, fenced boundaries, retention ponds (now backfilled), and previous hydrocarbon and chloride investigations.

The gas plant was originally constructed and modified to operate as a turbo expander type natural gas processing plant for extraction of natural gas liquids condensate (NGLC). There are several buildings,

structures and tanks across the Site. A jet turbine skid was located in the southwest corner of the site and used to boost gas pressure. There were also several sumps located on-site, including the hydrogen sulfide (H2S) flare sump, the emergency flare sump, the engine #30 and engine #31 sumps, the oil and water sump, the drain sump, and the slop oil sump. A disposal water surge pond and four bermed brine water retention ponds were located in the northeast portion of the site. All on-site ponds (water surge & brine water retention) have been backfilled and are no longer in operation.

The gas plant was shut down in the late 1990s, and is currently out of operation with the exception of some condensate processing and compression equipment. Targa continues to operate two compressors in the northwest portion of the Site. There is also an operating flare used to burn unwanted combustible vapors and an acid gas compressor and injection well.

In addition to supporting compressor station and oilfield activities, the gently sloping land adjacent to the facility, highways and railroad right-of-way supports livestock grazing.

Item #6 – Attach a description of all materials stored or used at the facility.

Item #6 Response – This DPA pertains to the assessment and remediation of ground water and vadose zone contamination resulting from historic releases of produced chloride-impacted water and hydrocarbon fluids and does not include activities or conditions resulting from current or future operations performed by the current facility owner/operator (Targa). CEMC does not maintain information regarding a description of all materials stored or used at the facility by Targa. Additionally, CEMC does not store or use any materials at the facility.

Item #7 – Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.

Item #7 Response – This DPA pertains to the assessment and remediation of ground water and vadose zone contamination resulting from historic releases of produced chloride-impacted water and hydrocarbon fluids and does not include activities or conditions resulting from current or future operations performed by the current facility owner/operator (Targa). CEMC does not maintain information regarding a description of all present sources of effluent and or waste solids generated at the facility by Targa. Additionally, CEMC does not generate any effluent or waste solids as part of their assessment/remediation project.

Item #8 – Attach a description of current liquid and solid waste collection/treatment/disposal procedures.

Item # 8 Response – This DPA pertains to the assessment and remediation of ground water and vadose zone contamination resulting from historic releases of produced chloride-impacted water and hydrocarbon fluids and does not include activities or conditions resulting from current or future operations performed by the current facility owner/operator (Targa). CEMC does not maintain information regarding a description of current liquid and solid waste collection/treatment/disposal procedures performed at the facility by Targa. Liquid waste collection and disposal of chloride and hydrocarbon-impacted groundwater performed by CEMC is detailed in Section 2.0 of the DPA Item #13 Response.

CEMC generates small quantities of waste water during semi-annual monitor well sampling activities, typically less than 500 gallons per year.

Item #9 – Attach a description of proposed modifications to existing collection/treatment/disposal systems.

Item #9 Response – This DPA pertains to the assessment and remediation of ground water and vadose zone contamination resulting from historic releases of produced chloride-impacted water and hydrocarbon fluids and does not include activities or conditions resulting from current or future operations performed by the current facility owner/operator (Targa). CEMC does not maintain information regarding the description of proposed modifications to existing collection/treatment/disposal systems at the facility by Targa. No modification to the existing collection/treatment/disposal systems maintained and operated by CEMC for the collection and disposal of chloride and hydrocarbon-impacted groundwater performed is currently planned.

Item #10 – Attach a routine inspection and maintenance plan to ensure permit compliance.

Item #10 Response – This DPA pertains to the assessment and remediation of ground water and vadose zone contamination resulting from historic releases of produced chloride-impacted water and hydrocarbon fluids and does not include activities or conditions resulting from current or future operations performed by the current facility owner/operator (Targa). CEMC does not maintain information regarding routine inspections and/or maintenance plans to ensure permit compliance at the facility by Targa.

Item #11 – Attach a contingency plan for reporting and clean-up of spills or releases.

Item #11 Response – This DPA pertains to the assessment and remediation of ground water and vadose zone contamination resulting from historic releases of produced chloride-impacted water and hydrocarbon fluids and does not include activities or conditions resulting from current or future operations performed by the current facility owner/operator (Targa). CEMC does not maintain information regarding a contingency plan for reporting and clean-up of spills or releases at the facility by Targa.

However, in the event of a minor spill or release that may occur during groundwater monitoring activities, CEMC and GHD would work to immediately contain and control the release, recover any fluids pooled on the surface, and assess and restore surface soil conditions to their original condition.

Item #12 – Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.

Item #12 Response – Geological and hydrogeological information for the facility is presented in Figures 3 and 4, including geological cross sections with 2014 potentiometric levels and ground water quality data (chloride and dissolved hydrocarbon concentrations). Ground water quality Tables 1 through 13 from the 2014 Annual Groundwater Monitoring Report (Conestoga-Rovers & Associates, Inc., submitted to NMOCD in February, 2015) are also included.

The Site is located in an area with somewhat limited published specific information about the near-surface geology. Most investigations of the geology are concerned with the deeper oil producing

formations. The regional geology and hydrogeology is referenced from the Subsurface Environmental Assessment prepared by Highlander Environmental Corp. in September 1996.

Regional Geology

The Site is located in the Eunice Plain physiographic subdivision of the Great Plains Province. This is described as an area that is "underlain by a hard caliche surface and is almost entirely covered by reddish-brown dune sand. The sand cover is 2 to 5 feet thick over much of the area, but locally is as much as 20 to 30 feet thick, especially in the drift area (US Department of Agriculture Soil Conservation Service (SCS) Soil Survey of Lea County (1974))." The United States Geological Survey (USGS) describes the near-surface geology of southern Lea County as "an intergrade of the Quaternary Alluvium sediments (i.e., fine to medium sand) with the mostly eroded Cenozoic Ogallala formation" (Nicholson and Clebsch, 1961).

Site Geology

The Site is underlain by the Simona Series fine sandy loam, a windblown sand of Recent-age. The Simona Series has a surface layer consisting of grayish-brown fine sandy loam, approximately eight inches thick. The surface layer is underlain by subsoil consisting of pale brown fine sandy loam, approximately eight inches thick. The subsoil is underlain by a dense layer of white indurated caliche. The caliche is typically about 16 inches thick and strongly cemented. The Simona fine sandy loam soil has moderately rapid permeability and a low corrosivity potential to uncoated steel. Simona soil is typically used for recreational, rangeland, and habitat purposes.

The windblown sand deposits range in thickness from a few feet to as much as 40 feet and is underlain by the Pliocene-age Ogallala Formation. The Ogallala formation consists of quartz sand, which is poorly to well cemented with calcium carbonate. The Ogallala Formation consists of heterogeneous sequences of fluvial sand, silt, clay, and gravel and is capped most everywhere by a dense layer of caliche. The Ogallala sand consists of very fine- to medium-grained quartz that may be silty and calcareous. The upper part may be clayey. Sandstone, limestone, chert, igneous rock, metamorphic rock, and basal conglomerate may be encountered in the Ogallala. The beds of the Ogallala have a generalized slope to the east, but may vary locally due to erosional irregularities in the underlying surface. The Ogallala Formation ranges in thickness up to approximately 100 feet.

The Ogallala Formation is underlain by the Triassic-age Dockum Group of the Chinle Formation. The Upper Dockum Group is made of variegated siltstone and mudstone with interbeds of sandstone and conglomerate. These beds dip to the east or southeast and limits downward percolation of groundwater from the Ogallala Formation. The thickness of the Chinle Formation ranges up to about 300 feet.

Surface Water Hydrology

The overall topography of the site slopes gently from west to east. The elevation of the site ranges from approximately 3,335 feet above mean sea level (AMSL) along the west side to approximately 3,330 feet AMSL along the east side. Storm and surface water runoff generally follow the surface topography, and flow east toward Monument Draw, approximately 2.5 miles from the site. The drainage system is poorly developed at the Site, but becomes more defined towards Monument Draw.

This draw is an ephemeral stream valley about 35 miles long located slightly more than a mile south of the Site. There is no noted surface water reservoirs located within two miles of the site. The topography at the Site is nearly level with a slope to the southeast of about 40 to 45 feet per mile in the vicinity of the site.

Hydrogeology

Groundwater occurs under unconfined conditions in the Ogallala Formation. The Ogallala Formation is regionally known as the High Plains Aquifer. Recharge to the Ogallala Formation occurs through infiltration of rainfall and snowmelt. Discharge occurs primarily through pumping from wells. Based upon the recorded depth to groundwater measurements, groundwater flow at the site is consistent with regional flow direction in the High Plains Aquifer, and is primarily to the south-southeast. Depth to groundwater is around 48 to 58 feet below ground surface (ft. bgs).

The Site is underlain by the Ogallala Aquifer. The Ogallala Formation can be divided up into the unsaturated zone and the saturated zone. The upper section of the Ogallala Formation is unsaturated and is known as the “Vadose Zone”. The lower section of the Ogallala Formation is the primary water-bearing unit and is the Ogallala Aquifer. The aquifer extends from the ground surface downward, ranging in thickness from 70 feet to more than 100 feet. Recharge of the aquifer in this area primarily occurs from direct infiltration of precipitation into the sandy surface deposits. The potentiometric surface of the Ogallala in the vicinity of the Site occurs at an elevation of approximately 3,280 feet above mean sea level and locally slopes to the southeast toward Monument Draw. Shallow groundwater at the Site occurs under unconfined conditions.

Two water wells surveys have been conducted for the Site. The first water well survey was conducted in 1997 and identified 22 water wells within a one-mile radius. Water well details are referenced from the Final Site Investigation Report prepared by Highlander in July 1997. Only one appears to be a domestic water well, and is located 3,600 feet north-northwest of the Site, which is hydraulically upgradient. The other 21 water wells historically supplied water to the Eunice North Gas Plant and the Eunice South Gas Plant, but they are no longer in service.

The second water well survey was conducted in 2009 and identified 23 water wells within a one-mile radius. Five wells appear to be domestic water wells. Four wells are hydraulically up- or cross gradient while one is approximately 4,100 feet south-southeast (downgradient) of the Site.

Soil and Groundwater Quality

As requested by NMOCD in 1996, focused soil and groundwater investigations and subsequent soil remediation actions were performed from 1996 to 2007. During this period five sumps were removed and associated hydrocarbon-impacted soils over excavated, and five disposal and retention ponds were backfilled and capped. The NMOCD remediation thresholds for TPH (100 milligrams per kilogram (mg/kg)), BTEX and chloride (250 mg/kg) were exceeded in soils in several areas of the gas plant facility (See Figure 2). Hydrocarbons in the near- and sub-surface soil are not currently being addressed because the area of impact is limited, and some inactive facility equipment must be demolished and removed before soil remediation work can begin. Soil cleanup will be based on the

NMOCD's Recommended Remediation Action Level (RRAL) or EPA Region III Risk-based Concentration Tables.

Groundwater quality has been monitored at the Site since 1996. During the most recently reported groundwater monitoring event in August 2014, LNAPL was detected in fifteen wells, with LNAPL thicknesses ranging from 0.06 feet to 4.59 feet. Benzene concentrations exceeded the New Mexico Water Quality Control Commission (NMWQCC) standards in 11 shallow wells and four deep wells, ethylbenzene NMWQCC exceedances were recorded in two shallow wells, and chloride NMWQCC exceedances were recorded in 26 shallow wells and 16 deep wells. Isoconcentration maps of the dissolved hydrocarbon/LNAPL and chloride plumes as observed in the shallow wells in August 2014 are include as Figures 5 and 6, respectively.

In addition, horizontal delineation of the chloride and hydrocarbon plumes has not been completed. Groundwater delineation will be completed pending receipt of access to adjacent properties to install and sample an adequate number of monitoring wells with COC groundwater concentrations below the NMWQCC standards.

Item #13 – Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or order.

Item #13 Response - This DPA presents our current approach to investigating and mitigating the effects of both chloride-impacted groundwater released from former unlined pits in the northeastern portion of the facility, and of the effects of LNAPL and associated dissolved-phase hydrocarbon constituents. Site assessment of potential LNAPL sources within the facility has also been performed, with completion of assessment activities pending ongoing facility demolition. Chloride-impacted groundwater is currently being recovered and transported off-site for disposal via an interim groundwater recovery system. LNAPL recovery activities are currently being performed using high vacuum soil vapor and fluid extraction techniques. As selection and implementation of a final remedial approach necessary to achieve NMOCD cleanup goals has not been performed to date, CEMC continues to evaluate site assessment results and conditions in the design and development of potential appropriate remedial approaches.

Much of the characterization summary information is referenced from the 2004 Annual Summary of Investigation & Remediation (Highlander, January 2005), historical analytical data tables presented in the 2014 Annual Groundwater Monitoring Report, and the Remedial Systems Summary (Stantec Consulting Corporation, July 2009). Past operation of the gas plant by Texaco has resulted in impacts to the groundwater, both inside and outside of the plant boundaries. In the Proposed Scope of Work detailed below, CEMC proposes to complete assessment and delineation of the extent of chloride and petroleum hydrocarbon concentrations in the soil and groundwater. Based on currently available groundwater remediation data, CEMC is also including a description of on-going groundwater and hydrocarbon remedial activities being performed at the Site.

The general recommended approach to assessment and remediation at the site is:

- Perform additional site investigation of Site soils and groundwater when demolition of the facility is completed by the current operator, and complete horizontal delineation of chloride and hydrocarbon-affected groundwater,

- Continue performance of ongoing semiannual monitoring, sampling and analysis of the groundwater,
- Continue the current recovery of chloride-affected groundwater, storage and off-site injection well disposal of chloride-affected groundwater in the eastern area of the Site while continuing to evaluate long-term solutions to address chloride-affected groundwater that will meet project goals, and
- Perform SVE/GW recovery of LNAPL and hydrocarbon vapor phase from LNAPL-impacted areas in the southern portion of the site, including recovery and off-site disposal of associated chloride and dissolved hydrocarbon-affected groundwater recovered during SVE/GW recovery.

Remediation of chloride and hydrocarbon-affected soils, when identified by additional assessment activities, will be evaluated and performed as deemed technically feasible. Site restoration will be performed upon completion of site demolition by the current facility operator, Targa Midstream Services, L.P. (Targa). The details of this plan will be finalized based on data obtained information obtained during the subsurface investigation work.

Although final decisions regarding the remediation methodology to be utilized at the Site have not yet been finalized, the selected remedial approach will likely involve extraction of impacted groundwater, *ex situ* or *in situ* treatment of the groundwater, and reinjection of treated groundwater back into the aquifer. At this time, until and unless alternative remedial targets are agreed upon by CEMC and the NMOCD, CEMC understands that the remedial goal is to reduce groundwater contaminant concentrations to below their respective New Mexico Water Quality Control Commission (NMWQCC) standards.

Summary of Previous Investigations

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 LNAPL recovery systems. The notes section on Figure 2 summarizes the assessment and remedial activities conducted in the specified areas of concern.

Constituents of concern (COCs) identified and assessed at the Site included:

- LNAPL present on both the west and east side of the plant; the east side with LNAPL present appears to be a limited area;

- Dissolved-phase hydrocarbons – Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) present both on-site and off-site;
- Chlorides present across the Site and off-site;
- Total Dissolved Solids (TDS) present across the Site; and
- Dissolved-phase metals – Arsenic, Barium and Chromium present both on-site and off-site.

Much of the characterization summary information is referenced from the 2004 Annual Summary of Investigation & Remediation (Highlander, January 2005), Remedial Systems Summary (Stantec Consulting Corporation, July 2009), and historical analytical data tables presented in the 2014 Annual Groundwater Monitoring Report. Past operation of the gas plant by Texaco has resulted in impacts to the groundwater, both inside and outside of the plant boundaries.

Summary of Groundwater Remediation Activities

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 TDS groundwater recovery system – East Side (2004-2010, September 2012 through 2013).

The installations, operations and recovery of each of the four remediation systems are summarized in the 2014 Annual Groundwater Monitoring Report submitted to NMOCD in February 2015.

Proposed Scope of Work

Assessment and remediation under this proposed Scope of Work in two separate Sections. Section 1 of the proposed Scope of Work includes additional soil assessment of the former gas plant facility, completion of groundwater plume delineation, and continuing implementation of the NMOCD-approved semiannual groundwater monitoring plan. Section 2 of the proposed Scope of Work includes continuing recovery and off-site disposal of chloride-and BTEX-impacted groundwater and LNAPL. These activities are detailed below.

1.0 Site Investigation Activities

1.1 Shallow Soil Assessment

GHD proposes to advance a sufficient number of soil borings in each release area to complete assessment of the horizontal extent of the shallow (less than 10 ft. bgs) impacts to the soil. Hydrocarbons in the near- and sub-surface soils are not currently being addressed because the likely areas of impact are believed to be inaccessible, and certain idle equipment must be demolished and removed by the facility operator, Targa, before additional soil assessment and remediation can begin.

Soil cleanup will be based on the NMOCD's RRAL or EPA Region III Risk-based Concentration Tables.

The following actions will be performed prior to drilling activities:

- Develop a Health and Safety Plan (HASP) and job safety analyses (JSAs) that address field work specified in the Work Plan; and
- The drilling contractor will notify New Mexico One-Call to facilitate location of underground utilities and pipelines prior to drilling activities.

Prior to subsurface penetrations, each borehole location will be cleared using either an air knife or hand auger to a depth of 5 ft. bgs. A geologist will supervise the advancement of the soil borings at the site. Borings will be drilled using a hollow stem auger (HSA) drill rig.

Borings will be advanced to a depth of 10 ft. bgs or refusal. Samples will be collected at depths of 5 and 10 ft. bgs using a 2-inch (in.) diameter by 24-in. long split spoon sampler. Cuttings and samples will be logged according to the Unified Soil Classification System. Field screening for total petroleum hydrocarbons will be performed using a Petroflag Kit. The Petroflag system is a colorimetric field screen method that is more sensitive to diesel and motor oil range (aliphatic range) hydrocarbons. Chlorides will field screened by mixing soil samples with deionized water. The rinsate will be checked with Hach chloride test strips. Field screening results will help guide the field geologist in determining if additional soil borings are required to assess the horizontal extent of impacted soil.

Soil samples collected from the outer-most borings will be submitted for laboratory analyses of gasoline, diesel, and heavy oil range total petroleum hydrocarbons (TPH DRO/GRO) by EPA Method 8015, BTEX by EPA Method 8260, and chlorides by EPA Method 300.0. Soil samples will be containerized in laboratory-prepared containers, placed on ice in a cooler, and transported under chain of custody documentation.

Samples will be submitted to Lancaster Laboratories (Lancaster) located in Lancaster, Pennsylvania (or other CEMC-approved laboratory) for analysis via overnight courier.

Soil cuttings will be placed in DOT approved 55-gallon drums or other approved containers, sealed and labeled. Disposal of the soil will be based on analytical results of samples collected from the borings.

A report of findings will be prepared for the Site and will include a Site description, project history, description of field events, a discussion of results, and recommendations (if any). The report will also include:

- A scaled site plan showing the locations of the monitoring wells and other site features;
- Boring logs; and
- Tabulation of field screening and laboratory analytical test results.

The report will include a recommendation of any impacted soil areas to be addressed and a detailed description of the proposed remedial strategy.

1.2 Monitor Well Installation

GHD proposes to install 12 or more additional monitoring wells around the South Eunice Site in an effort to complete horizontal delineation of the chloride and BTEX plumes. CEMC is currently working with adjacent property owners to gain access to their properties for installation of the necessary delineation monitor wells. Delineation wells will be installed as access to these adjacent properties is obtained.

Prior to subsurface penetrations, each borehole location will be cleared using either an air knife or hand auger to a depth of 5 ft. bgs. A geologist or engineer will supervise the advancement of the soil borings at the site. Borings will be drilled using an air rotary drill rig and advanced to a maximum depth of 70 ft. bgs or refusal. Samples will be collected at a depth of 10 ft. bgs and every 10 ft. thereafter using a 2-in. diameter by 24-in. long split spoon sampler. Cuttings and samples will be logged according to the Unified Soil Classification System. Field screening for petroleum hydrocarbons will be performed using the heated headspace method.

Each of the borings will be converted to a 2-in. diameter monitoring well. Each well will be constructed with 20 feet of 2-inch inside diameter (ID) polyvinyl chloride (PVC) machine slot 0.010 screen. The well screen will be placed 5 ft. above and 15 ft. below the apparent water table. The remainder of the well will be constructed with 2-in. diameter PVC blank casing.

The annulus of the borehole will be backfilled with 10/20 silica sand from the bottom of the borehole to approximately 2 feet above the well screen. A 2-ft. thick seal of 3/8-in. bentonite pellets will be placed above the sand pack. The remainder of the borehole will be filled with a 95% cement/5% bentonite grout mix.

Each monitoring well will be completed with an above-ground locking well vault. The well vault will be placed within a 24 in. by 24 in. by 4 in. thick concrete pad.

The samples will be analyzed for TPH DRO/GRO by EPA Method 8015, BTEX by EPA Method 8260, and chlorides by EPA Method 300.0. Soil samples will be containerized in laboratory-prepared bottles/vials, placed on ice in a cooler, and transported under chain of custody documentation. Samples will be submitted to Lancaster Laboratories (Lancaster) located in Lancaster, Pennsylvania (or other CEMC-approved laboratory) for analysis via overnight courier.

Well development will be performed by bailing, pumping, or a combination of both. Development of each well will be performed until the water is reasonably clear and parameters of pH, temperature, and specific conductance have stabilized (within a 10% margin).

The newly installed monitoring wells will be surveyed for horizontal and vertical control. Surveying will be performed by a State of New Mexico Registered Surveyor. The top of each casing will be surveyed to an accuracy of 0.01 ft. Well logs including all logging, well construction and surveying information will be prepared and included with the Annual Groundwater Monitoring Report.

1.3 Groundwater Monitoring

Currently the existing monitoring well system consists of 70 wells being gauged and sampled on a semiannual basis. Upon their installation, the proposed additional delineation wells will also be included in in the semiannual monitoring events. The current groundwater monitoring program is detailed in Section 2.H.1 of the Discharge Permit GW-003 (see Attachment A).

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

All groundwater samples will be 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, TPH DRO/GRO by EPA Method 8015, chloride by EPA Method 300.0, TDS by EPA Method 2540C, and dissolved metals by EPA Methods 6010B & 7470A. The samples submitted for dissolved metals analysis will be filtered in the laboratory prior to analysis. Purge water generated during the sampling events will be containerized onsite in a labeled polyethylene tank and subsequently managed by a third-party subcontractor at an NMOCD-permitted disposal facility.

Annual groundwater monitoring reports will be prepared for the Site and will include a summary of any groundwater delineation monitoring well installation performed during the calendar year and a brief narrative of the sampling events. The summary will include a Site description, project history, description of field events, a discussion of results, and recommendations (if any). The report will also include:

- A scaled site plan showing the locations of the monitoring wells and other site features (including latitude and longitude coordinates);
- Boring logs and monitoring well construction diagrams;
- Tabulation of field screening and laboratory analytical test results;
- COC concentrations and chloride and benzene isoconcentration contours posted on site maps; and
- Geological cross-sections with pertinent analytical and potentiometric data posted.

In general, the annual reports will include the date(s) the events occurred, copies of laboratory chain-of-custody documentation and results, laboratory quality assurance/quality control (QA/QC) documentation, tabulated groundwater elevations and groundwater concentrations, groundwater elevation maps, and a summary of findings. Historical data will be included with the tabulated results.

Investigation Derived Waste

Soil cuttings will be placed in DOT approved 55-gallon drums (or other appropriate and approved containers), sealed and labeled. Disposal of the soil will be based on analytical results of samples collected from the borings. Development and purge water will be placed in 55-gallon drums or on-site poly tanks, sealed and labeled. Off-site transportation and disposal of the water will be based on analytical results of water samples collected from each well.

Quality Assurance/Quality Control

Confirmation sampling will be completed in accordance with our standard Quality Assurance/Quality Control procedures designed to minimize cross-contamination between samples and to provide reliable laboratory results. Work will be performed in general compliance with the techniques listed in Subsection B of 20.6.2.3107 NMAC and with 20.6.4.13 NMAC of the Water Quality Standards of Interstate and Intrastate Surface Water in New Mexico 20.6.4 NMAC.

2.0 Remediation Activities

Current remedial activities are summarized below. As selection and implementation of a final remedial approach necessary to achieve NMOCD cleanup goals has not been performed to date, CEMC continues to evaluate site assessment results and conditions in the design and development of potential appropriate remedial approaches.

2.1 Interim Chloride-Impacted Groundwater Recovery

Installation of the redesigned groundwater recovery system began on October 28, 2013 and was completed in April 2014, with groundwater recovery starting during the second quarter 2014. A total of 52,146 barrels, or approximately 2,190,132 gallons, of chloride-impacted groundwater was recovered from May through December 2014. The chloride recovery system is the current approach for reduction of chloride-impacted groundwater at the Site.

The Chloride Recovery System consists of:

- Groundwater Recovery Wells
- Electrical Submersible Pumps
- Groundwater Storage Tanks

Based on the size of the chloride plume in groundwater and the current recovery rates of the groundwater extraction system, additional evaluation of the long-term approach to remediation of the chloride plume will be conducted. CEMC continues to evaluate site assessment results and conditions in the design and development of potential appropriate remedial approaches.

2.2 Hydrocarbon Recovery

There are currently 15 monitoring or recovery wells that exhibit the long-term presence of measurable LNAPL within the South Eunice Gas Plant facility, historically ranging in thickness from approximately 0.06 feet to 4.8 feet. LNAPL was recently hand-bailed from 12 of these wells on a biweekly basis, but

the occurrence and thickness of LNAPL has shown little change over the period of hand-bailed LNAPL recovery. In order to better understand the nature and recoverability of the LNAPL, GHD has performed a mobile dual phase extraction (MDPE) pilot test in April 2015 at four LNAPL wells in the southern half of the facility. Fluids recovered during the pilot test were collected in a dedicated tanker truck for disposal at a CEMC-approved facility. The objective of these pilot tests was to obtain enough LNAPL recovery and infiltration data to evaluate the overall effectiveness of using a MDPE system for LNAPL recovery instead of the current biweekly hand-bailing approach.

A typical MDPE system combines two treatment technologies, soil vapor extraction and pump and treat, into one unit. Such a dual phase extractor system generates a high vacuum (20 to 29 inch Hg), which is applied to the recovery wells through a sealed well cap and drop tube. The drop tube, generally 1 to 2 inch diameter PVC, extends through the well seal into the well to the depth to which the water table is to be drawn down. The high vacuum generated by the dual phase extractor pulls water and any second phase product out of the well. When the water table is drawn down to the bottom of the drop tube, the well casing above the water table becomes exposed to the vacuum. Vapors are drawn out of the well and surrounding soils and are consumed in the internal combustion engine of the MDPE trailer. Any additional water or product that enters the well due to recharge is immediately drawn into the drop tube and, therefore, the water level in the well is maintained at the bottom of the drop tube. MDPE is applicable to sites that have high concentrations of contaminants present, including the potential for free phase product. It can significantly reduce more volatile chemical concentrations in permeable soils in 3 to 6 months. As the concentrations decrease, it becomes less effective and may require extending periods between events to eventually reach cleanup levels. The extracted water and second phase product are separated using an oil water separator, the product is collected and disposed/recycled, and the water is either treated with activated carbon or by air sparging prior to discharge or, alternatively, disposed of at a CEMC-approved facility. The vapor flows through a surface collection manifold and are combusted by thermal oxidation in an internal combustion engine.

When compared to hand bailing, MDPE is an effective method for LNAPL recovery at the 15 LNAPL wells and for the BTEX remediation of groundwater where dissolved phase liquids are present. MDPE treatment would involve the effective replacement of the current hand-bailing LNAPL recovery approach. The use of MDPE would provide advanced soil treatment and limited groundwater treatment. This approach would remove LNAPL and also volatilize some BTEX; however, the majority of the dissolved plume would remain untreated by MDPE. In addition, as part of the MDPE process in lowering the local potentiometric surface to enhance LNAPL recovery, chloride-impacted groundwater is also recovered at the MDPE wells for disposal at the Key Energy Christmas #3 injection well, located approximately 0.6 mile northwest of the Site.

As previously performed for prior and on-going hydrocarbon recovery activities, a summary of LNAPL recovery volumes and activities will be included in the Annual Groundwater Monitoring Report.

Given the relatively short duration over which the MDPE events have been occurring at the Site, the long-term effectiveness of the MDPE process has not yet been determined. CEMC continues to evaluate site assessment results and conditions in the design and development of potential appropriate remedial approaches to address the LNAPL and BTEX present at the Site. Pending

further evaluation, additional technologies may be piloted or implemented to address the remaining hydrocarbon impacts.

Item #14 – DPA Item 14 has been completed in the spaces provided on the DPA form.

If you have any questions or comments with regards to this work plan, please do not hesitate to contact our Houston office at (713) 734-3090.

Yours truly,

GHD Services, Inc.

Michael J. Wisniowiecki
Senior Project Manager

Joe L. Cruseturner
Principal

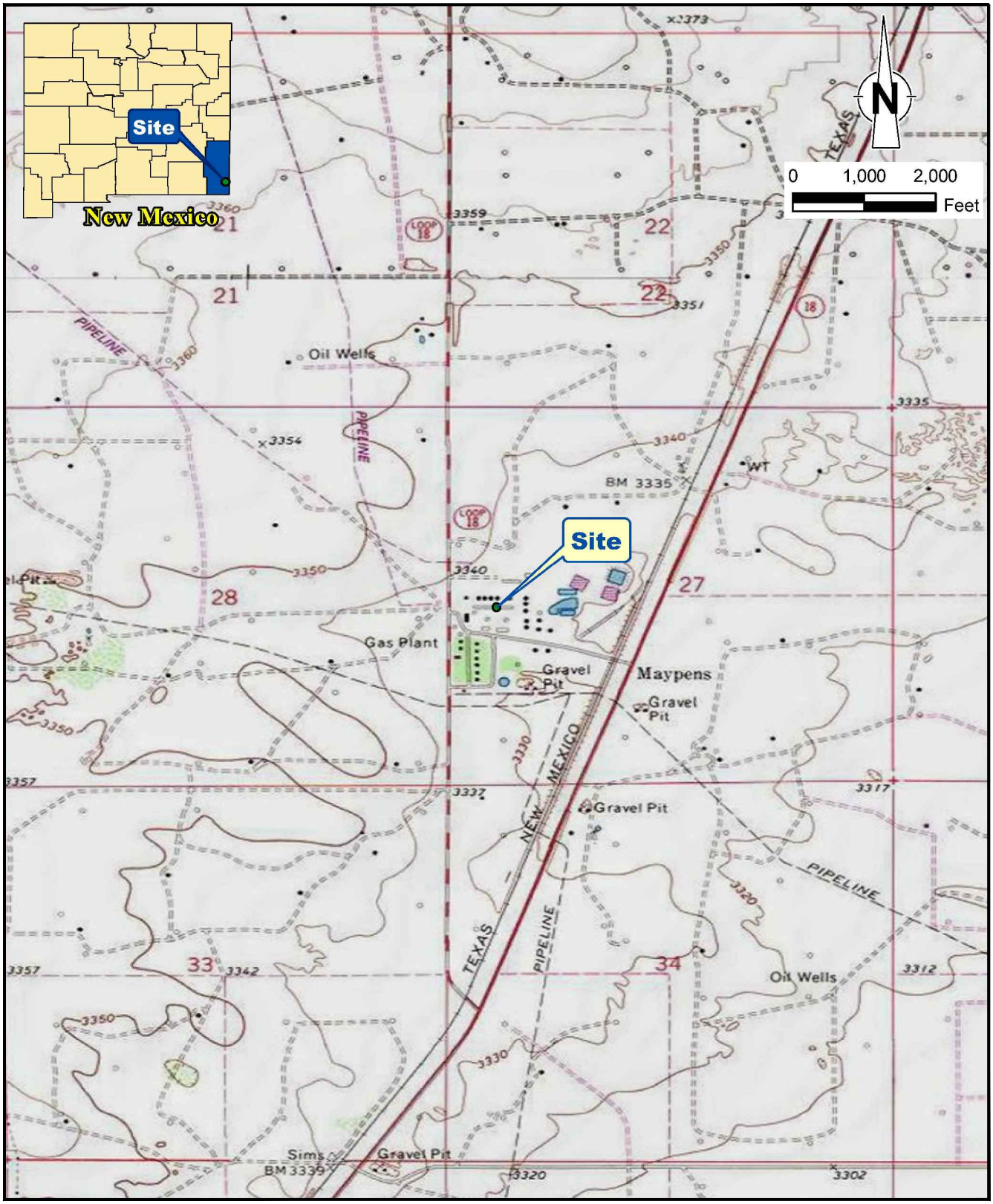
MW/hb/1

Attachments:
Figure 1 – Site Map
Figure 2 – Well Location Map
Figure 3 – August 2014 Geologic Cross Section A-A'
Figure 4 – August 2014 Geologic Cross Section B-B'
Figure 5 – BTEX Concentration and Benzene Isoconcentration Map – Shallow Well August 2014
Figure 6 - BTEX Concentration and Benzene Isoconcentration Map – Deep Well August 2014
Figure 7 – Chloride Isoconcentration Map – Shallow Well August 2014
Figure 8 - Chloride Isoconcentration Map – Deep Well August 2014

Tables 1-9 – 2014 Annual Groundwater Monitoring Report – Groundwater Level and Analytical Tables

Attachment A – Discharge Permit GW-003 – Eunice South Gas Plant

Figures

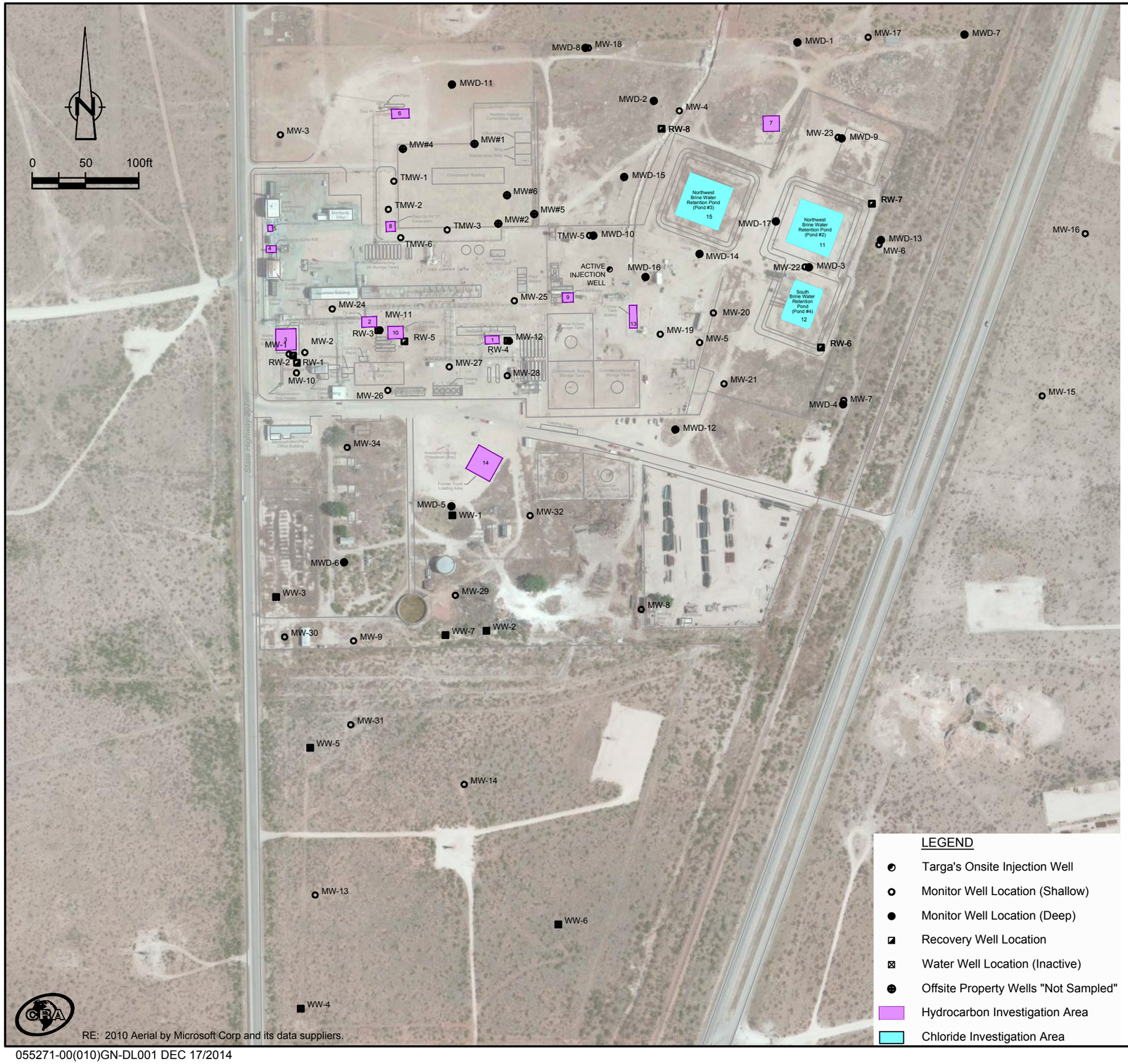


RE: USGS 7.5 Minute Topographic Maps.

Figure 1

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

055271-00(010)GN-DL020 DEC 17/2014



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 A ugust 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 concreted and measured 5' x 5' x5'. 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.

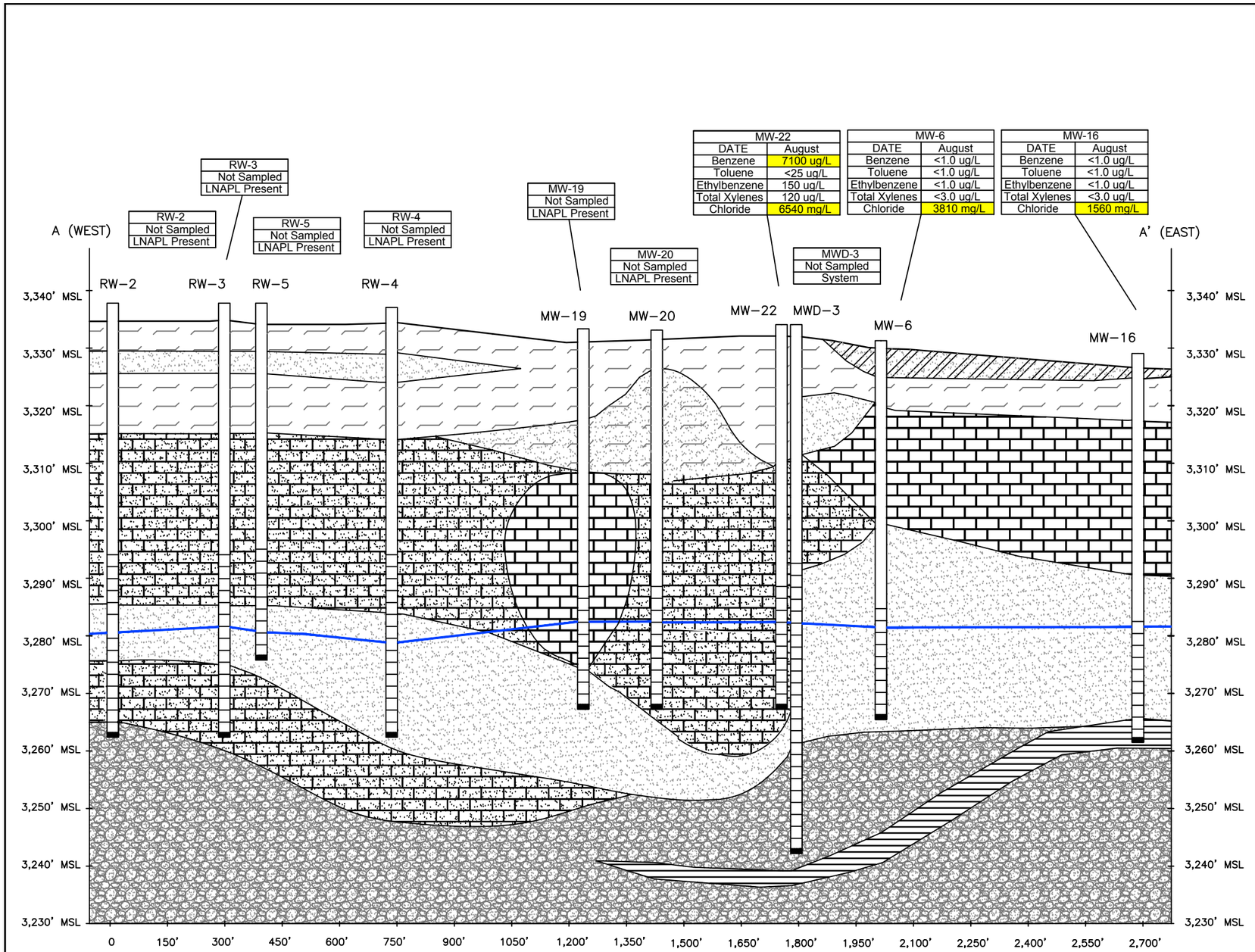
LEGEND

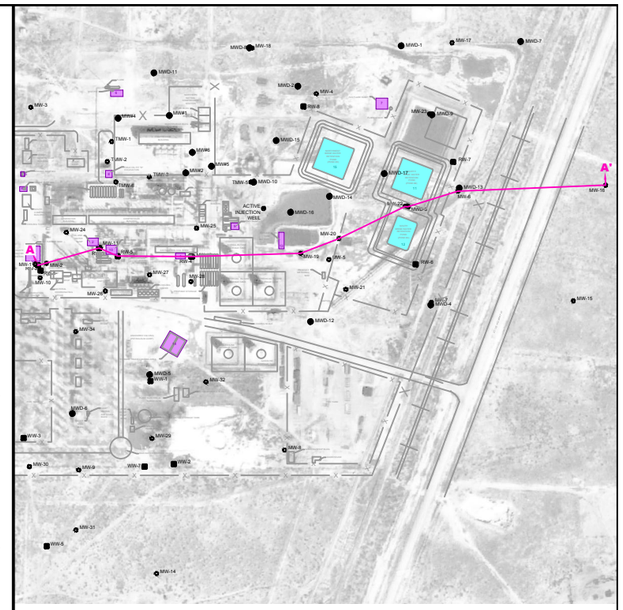
- Targa's Onsite Injection Well
- Monitor Well Location (Shallow)
- Monitor Well Location (Deep)
- Recovery Well Location
- Water Well Location (Inactive)
- Offsite Property Wells "Not Sampled"
- Hydrocarbon Investigation Area
- Chloride Investigation Area

Figure 2

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

055271-00(010)GN-DL001 DEC 17/2014





CROSS SECTION AREA

0 10 20ft
VERTICLE SCALE

0 100 300ft
HORIZONTAL SCALE

LEGEND

- INTERBEDDED SAND & SANDSTONE
- INTERBEDDED SAND, SANDSTONE, AND GRAVEL
- SAND
- SILTY SAND
- CALICHE
- CALICHE SAND
- SANDSTONE
- SHALE
- WATER LEVEL (AUGUST 2014)
- WELL SCREEN
- BOTTOM OF WELL

MW-22	WELL ID
DATE August	SAMPLE DATE
Benzene 7100 ug/L	BENZENE CONCENTRATION, ug/L
Toluene <25 ug/L	TOLUENE CONCENTRATION, ug/L
Ethylbenzene 150 ug/L	ETHYLBENZENE CONCENTRATION, ug/L
Total Xylenes 120 ug/L	TOTAL XYLENES CONCENTRATION, ug/L
Chloride 6540 mg/L	CHLORIDE CONCENTRATION, mg/L

ug/L MICROGRAMS PER LITER

mg/L MILLIGRAMS PER LITER

NOTE: HIGHLIGHTED VALUES EXCEED NMWQCC STANDARDS.

Figure 3

AUGUST 2014 GEOLOGIC CROSS SECTION A-A'
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

055271-00(012)GN-DL018 OCT 23/2015

MW-17	
DATE	August
Benzene	<1.0 ug/L
Toluene	<1.0 ug/L
Ethylbenzene	<1.0 ug/L
Total Xylenes	<1.0 ug/L
Chloride	3120 mg/L

MWD-17	
DATE	August
Benzene	210 J ug/L
Toluene	8.1 J ug/L
Ethylbenzene	14 J ug/L
Total Xylenes	18 J ug/L
Chloride	117000 mg/L

MW-20
Not Sampled
LNAPL Present

MW-5
Not Sampled
LNAPL Present

MWD-12	
DATE	August
Benzene	160/160 ug/L
Toluene	<1.0/<1.0 ug/L
Ethylbenzene	17/17 ug/L
Total Xylenes	<1.0/<1.0 ug/L
Chloride	4290/4370 mg/L

MW-32	
DATE	August
Benzene	3600 J ug/L
Toluene	<5.0 ug/L
Ethylbenzene	7.6 ug/L
Total Xylenes	91 ug/L
Chloride	1360 mg/L

MW-29	
DATE	August
Benzene	80 J ug/L
Toluene	1.1 J ug/L
Ethylbenzene	63 J ug/L
Total Xylenes	14 J ug/L
Chloride	101 mg/L

MW-14	
DATE	August
Benzene	<1.0/<1.0 ug/L
Toluene	<1.0/<1.0 ug/L
Ethylbenzene	<1.0/<1.0 ug/L
Total Xylenes	<1.0/<1.0 ug/L
Chloride	530/558 mg/L

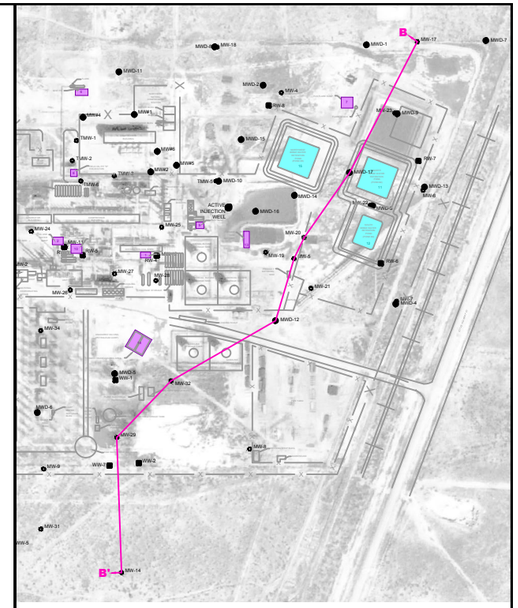
B (NORTH)

B' (SOUTH)

MW-17 MWD-17 MW-20 MW-5 MWD-12 MW-32 MW-29 MW-14

3,340' MSL
3,330' MSL
3,320' MSL
3,310' MSL
3,300' MSL
3,290' MSL
3,280' MSL
3,270' MSL
3,260' MSL
3,250' MSL
3,240' MSL
3,230' MSL
3,220' MSL
3,210' MSL
3,200' MSL

0 150' 300' 450' 600' 750' 900' 1050' 1,200' 1,350' 1,500' 1,650' 1,800' 1,950' 2,100' 2,250' 2,400' 2,550' 2,700' 2,850' 3,000'



CROSS SECTION AREA

0 350 700ft

LEGEND

- INTERBEDDED SAND & SANDSTONE
- INTERBEDDED SAND, SANDSTONE, AND GRAVEL
- SAND
- SILTY SAND
- CALICHE
- CALICHE SAND
- WATER LEVEL (AUGUST 2014)
- WELL SCREEN
- BOTTOM OF WELL

MW-32	
DATE	August
Benzene	3600 J ug/L
Toluene	<5.0 ug/L
Ethylbenzene	7.6 ug/L
Total Xylenes	91 ug/L
Chloride	1360 mg/L

WELL ID
SAMPLE DATE
BENZENE CONCENTRATION, ug/L
TOLUENE CONCENTRATION, ug/L
ETHYLBENZENE CONCENTRATION, ug/L
TOTAL XYLENES CONCENTRATION, ug/L
CHLORIDE CONCENTRATION, mg/L

ug/L MICROGRAMS PER LITER

mg/L MILLIGRAMS PER LITER

NOTE: HIGHLIGHTED VALUES EXCEED NMWQCC STANDARDS.

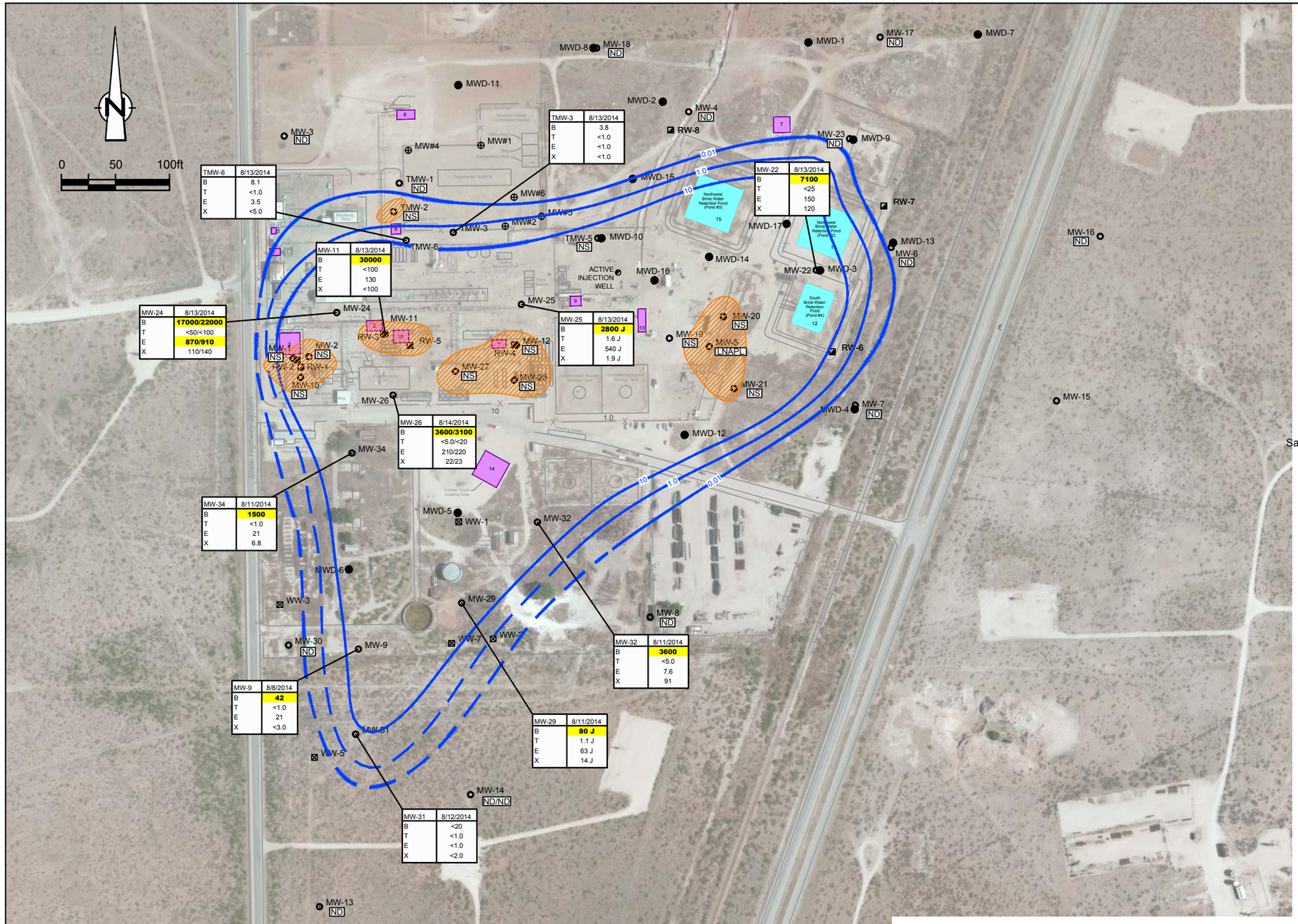
0 10 20ft
VERTICLE SCALE

0 100 300ft
HORIZONTAL SCALE

Figure 4

AUGUST 2014 GEOLOGIC CROSS SECTION B-B'
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

055271-00(012)GN-DL019 OCT 23/2015



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
- Approximate Extent of LNAPL Plume
- -10- Benzene Contour (µg/L) (Dashed Where Inferred)
- ND Not Detected
- NS Not Sampled

Sample Location / Constituent	NMWQCC Standard	8/13/2014
MW-22		
Benzene	10	**7100**
Toluene	750	<25
Ethylbenzene	750	150
Total Xylene	620	120

Sample Date
Result (µg/L)
NMWQCC Standard Exceedance

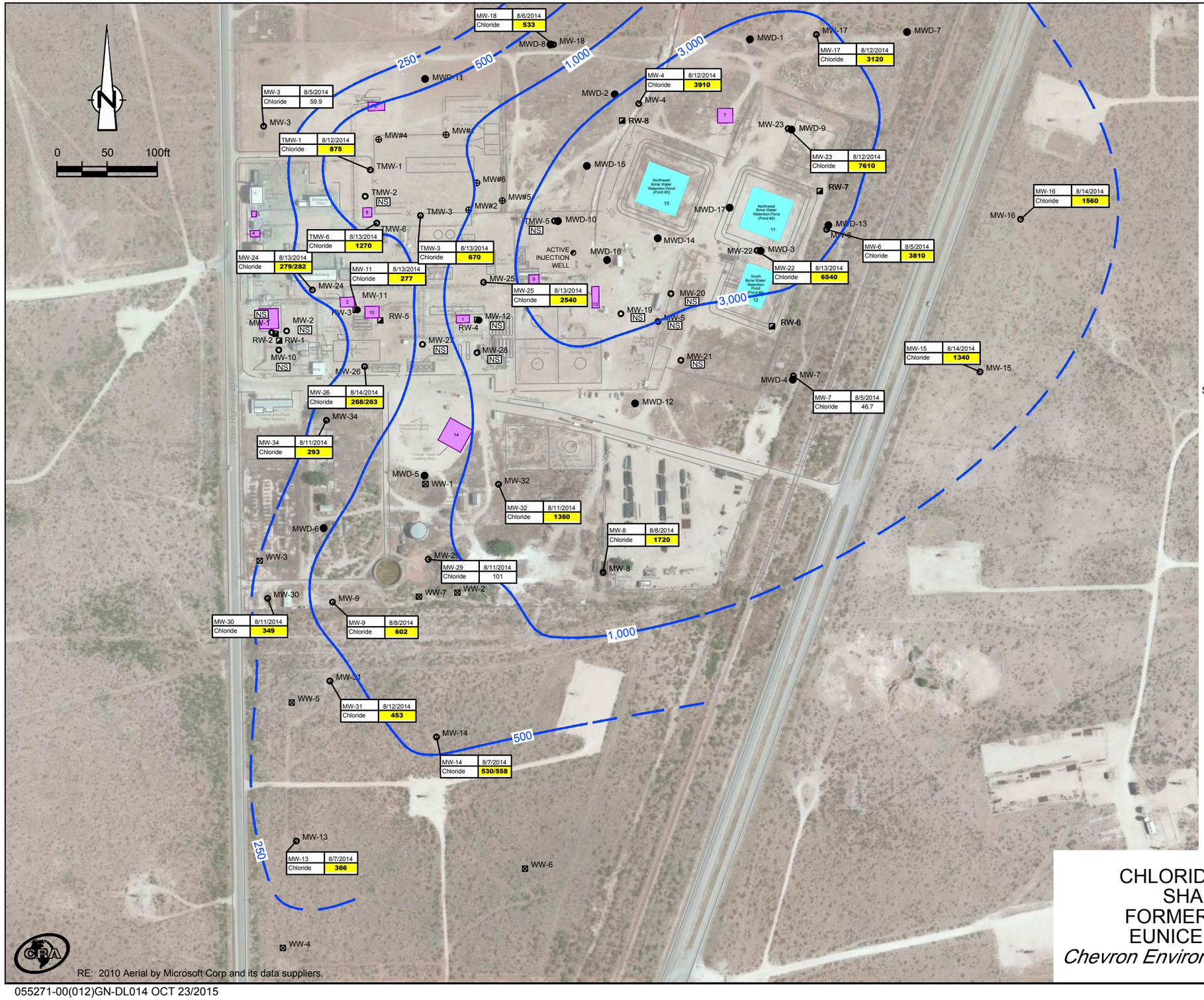
NOTES:

1. Wells marked with "*LNAPL*" were not sampled due to the presence of light non-aqueous phase liquid
2. BTEX was analyzed by EPA method 8021B
3. Shading indicates that a detected results exceeded the NMWQCC standard

Figure 5

BTEX CONCENTRATIONS AND BENZENE ISOCONCENTRATION MAP
SHALLOW WELLS - AUGUST 2014
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

055271-00(012)GN-DL010 OCT 23/2015



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)
- NS Not Sampled

Sample Location	NMWQCC Standard	Sample Date
MW-15	250	8/14/2014
Constituent		Result (mg/L)
Chloride		1340

NMWQCC Standard Exceedance

NOTES:

1. Wells marked with "LNAPL" were not sampled due to the presence of light non-aquoeus 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. Wells MW-20, RW-3 and RW-5 were inaccessible due to onsite construction
5. Contour intervals vary and are indicated on figure
6. Wells MW-7, and MW-29 were not honored in gradient

Figure 6

CHLORIDE ISOCONCENTRATION MAP
SHALLOW WELLS - AUGUST 2014
FORMER EUNICE SOUTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO
Chevron Environmental Management Company

055271-00(012)GN-DL014 OCT 23/2015

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 recocvery 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)
East Side LNAPL Recovery Wells				
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**
East Side LNAPL Recovery Wells- Manual Recovery				
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])
Shallow Monitor Wells								
MW-1	2"	2/18/09	54.27	51.96	2.31	3,282.62	60.00	45-60
3335.09		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	3282.56	---	
		8/5/13	54.42	51.85	2.57	3282.66	---	
		2/3/14	54.35	51.85	2.50	3282.69	---	
		8/5/14	54.40	51.85	2.55	3282.68	---	
MW-2	2"	2/18/09	56.44	53.85	2.59	3,281.34	61.00	46-61
3335.70		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	4"	2/9/09	56.24	---	---	3,283.41	---	46.4-66.4
3339.65		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	---	---	3283.59	---	
		8/5/14	56.06	---	---	3283.59	---	
MW-4	4"	2/11/09	51.99	---	---	3,281.26	---	46.7-66.7
3333.25		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	---	---	3282.74	---	
		8/5/14	50.86	---	---	3282.39	---	

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	4"	2/5/09	52.14	---	---	3,280.19	---	46.6-66.6
3332.33		8/4/09	52.20	---	---	3,280.13	68.40	
		2/2/10	52.53	---	---	3,279.80	---	
		8/2/10	52.95	---	---	3,279.38	---	
		4/4/11	51.23	---	---	3,281.10	---	
		8/8/11	50.94	---	---	3,281.39	68.43	
		2/6/12	50.87	---	---	3,281.46	---	
		8/17/12	50.68	---	---	3,281.65	---	
		2/5/13	50.61	---	---	3,281.72	---	
		8/5/13	50.70	---	---	3,281.63	---	
		2/3/14	50.52	---	---	3281.81	---	
		8/5/14	51.22	---	---	3281.11	---	
MW-7	4"	2/5/09	49.86	---	---	3,280.57	---	46.7-66.7
3330.43		8/4/09	50.08	---	---	3,280.35	68.70	
		2/2/10	50.25	---	---	3,280.18	---	
		8/2/10	50.91	---	---	3,279.52	---	
		4/4/11	49.48	---	---	3,280.95	---	
		8/8/11	49.28	---	---	3,281.15	68.72	
		2/6/12	49.19	---	---	3,281.24	---	
		8/17/12	49.12	---	---	3,281.31	---	
		2/5/13	49.08	---	---	3,281.35	---	
		8/5/13	49.15	---	---	3,281.28	---	
		2/3/14	49.00	---	---	3281.43	---	
		8/5/14	49.30	---	---	3281.13	---	
MW-8	4"	2/2/09	49.48	---	---	3,281.11	---	46.7-66.7
3330.59		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	---	---	3280.89	---	
		8/5/14	49.74	---	---	3280.85	---	
MW-9	4"	2/12/09	53.46	---	---	3,281.27	---	46.8-66.8
3334.73		8/5/09	53.56	---	---	3,281.17	69.00	
		2/2/10	53.66	---	---	3,281.07	---	
		8/2/10	53.75	---	---	3,280.98	---	
		4/4/11	53.71	---	---	3,281.02	---	
		8/8/11	53.66	---	---	3,281.07	69.00	
		2/6/12	53.66	---	---	3,281.07	---	
		8/6/12	53.71	---	---	3,281.02	---	
		2/5/13	53.59	---	---	3,281.14	---	
		8/5/13	53.60	---	---	3,281.13	---	
		2/3/14	53.50	---	---	3281.23	---	
		8/5/14	53.58	---	---	3281.15	---	

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	4"	2/18/09	53.84	53.83	0.01	3,282.55	66.40	46.4-66.4
3336.38		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	4"	2/18/09	52.21	---	---	3,282.65	66.79	46.7-66.7
3334.86		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	4"	2/18/09	52.14	51.42	0.72	3,282.31	67.12	47.1-67.1
3333.88		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	4"	2/9/09	56.30	---	---	3,279.85	---	48-68
3336.15		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	4"	2/9/09	52.63	---	---	3,280.41	---	45-65
3333.04		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	---	---	3280.33	---	
		8/5/14	52.77	---	---	3280.27	---	
MW-15	4"	2/9/09	49.60	---	---	3,279.38	68.00	46-68
3328.98		8/4/09	48.75	---	---	3,280.23	68.20	
		2/2/10	48.89	---	---	3,280.09	---	
		8/2/10	49.19	---	---	3,279.79	---	
		4/4/11	48.62	---	---	3,280.36	---	
		8/8/11	48.44	---	---	3,280.54	---	
		2/6/12	48.28	---	---	3,280.70	---	
		8/7/12	48.29	---	---	3,280.69	---	
		2/5/13	48.18	---	---	3,280.80	---	
		8/5/13	48.12	---	---	3,280.86	---	
		2/3/14	48.08	---	---	3280.90	---	
		8/5/14	48.22	---	---	3280.76	---	
MW-16	4"	2/9/09	49.45	---	---	3,280.75	---	46.5-68
3330.20		8/4/09	49.58	---	---	3,280.62	69.65	
		2/2/10	49.68	---	---	3,280.52	---	
		8/2/10	49.87	---	---	3,280.33	---	
		4/4/11	49.34	---	---	3,280.86	---	
		8/8/11	49.81	---	---	3,280.39	---	
		2/6/12	46.45	---	---	3,283.75	---	
		8/17/12	48.96	---	---	3,281.24	---	
		2/5/13	48.90	---	---	3,281.30	---	
		8/5/13	48.82	---	---	3,281.38	---	
		2/3/14	48.77	---	---	3281.43	---	
		8/5/14	48.97	---	---	3281.23	---	
MW-17	4"	2/11/09	52.75	---	---	3,281.57	---	47.1-68.1
3334.32		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	---	---	3282.60	---	
		8/5/14	52.26	---	---	3282.06	---	

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 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-18	4"	2/10/09	53.38	---	---	3,282.72	---	45.6-68
3336.10		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	4"	2/18/09	53.42	52.44	0.98	3,281.63	66.00	46-66
3334.21		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	4"	2/18/09	51.89	51.86	0.03	3,281.16	66.00	46-66
3333.02		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	4"	2/11/09	55.04	---	---	3,279.83	---	45-65
3334.87		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	4"	2/11/09	54.39	---	---	3,280.06	---	45-65
3334.45		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	---	---	3282.24	---	
		8/5/14	54.41	---	---	3280.04	---	
MW-24	4"	2/18/09	54.16	---	---	3,282.81	--	45-65
3336.97		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	---	---	3282.85	---	
		8/5/14	54.18	---	---	3282.79	---	
MW-25	4"	2/12/09	52.16	---	---	3,284.15	--	45-65
3336.31		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	---	---	3284.34	---	
		8/5/14	52.04	---	---	3284.27	---	
MW-26	4"	2/17/09	52.47	---	---	3,282.46	65.00	45-65
3334.93		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	---	---	3282.47	---	
		8/5/14	52.52	---	---	3282.41	---	

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	4"	2/17/09	52.51	---	---	3,282.45	---	45-65
3334.96		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	4"	2/4/09	52.56	---	---	3,281.45	65.00	45-65
3334.01		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	4"	2/4/09	55.26	---	---	3,281.23	65.00	45-65
3336.49		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	4"	2/9/09	53.78	---	---	3,280.74	---	45-65
3334.52		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 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-32	4"	2/4/09	51.28	---	---	3,281.73	---	50-65
3333.01		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	4"	2/4/09	53.51	---	---	3,282.26	---	42-57
3335.77		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	6"	3/9/09	54.47	51.98	2.49	3,282.82	110.00	50-110
3335.19		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	6"	3/9/09	58.04	55.75	2.29	3,281.60	74.50	44.5-74.5
3337.84		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	6"	3/9/09	57.15	56.37	0.78	3,281.53	75.00	45-75
3338.06		8/5/09	57.29	56.46	0.83	3,281.43	---	
		2/2/10	57.45	56.58	0.87	3,281.30	---	
		8/2/10	57.49	56.59	0.90	3,281.28	---	
		4/4/11	57.23	56.40	0.83	3,281.49	---	
		8/8/11	57.38	56.35	1.03	3,281.49	---	
		2/6/12	57.50	56.52	0.98	3,281.33	---	
		8/14/12	57.55	56.34	1.21	3,281.47	---	
		2/5/13	57.61	56.31	1.30	3,281.48	---	
		8/5/13	57.60	56.25	1.35	3,281.15	---	
		2/3/14	57.58	56.20	1.38	3281.57	---	
		8/5/14	57.68	56.26	1.42	3281.50	---	
RW-4	6"	3/9/09	57.70	54.63	3.07	3,278.83	75.00	45-75
3334.14		8/5/09	58.04	54.67	3.37	3,278.73	---	
		2/2/10	58.00	54.77	3.23	3,278.66	---	
		8/2/10	58.37	54.80	3.57	3,278.55	---	
		4/4/11	57.77	54.57	3.20	3,278.86	---	
		8/8/11	57.54	54.54	3.00	3,278.94	---	
		2/6/12	58.10	54.79	3.31	3,278.62	---	
		8/14/12	57.77	54.49	3.28	3,278.93	---	
		2/5/13	57.70	54.45	3.25	3,278.97	---	
		8/5/13	57.65	54.42	3.23	3,279.01	---	
		2/3/14	57.57	54.42	3.15	3279.02	---	
		8/5/14	57.67	54.51	3.16	3278.93	---	
RW-5	4"	3/9/09	57.60	55.23	2.37	3,278.52	62.00	42-62
3334.20		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	3278.56	---	
		8/5/14	---	55.19	---	---	---	
MW-28	4"	3/9/09	57.65	53.6	4.05	3,278.36	65.00	45-65
3333.04		8/5/09	57.94	53.68	4.26	3,278.22	---	
		2/2/10	58.13	53.85	4.28	3,278.05	---	
		8/2/10	58.15	53.97	4.18	3,277.95	---	
		4/4/11	57.44	53.78	3.66	3,278.28	---	
		8/8/11	57.37	53.66	3.71	3,278.39	---	
		2/6/12	58.22	53.84	4.38	3,278.03	---	
		8/14/12	57.54	53.63	3.91	3,278.37	---	
		2/5/13	57.42	53.61	3.81	3,278.41	---	
		8/5/13	57.15	53.63	3.52	3,279.03	---	
		2/3/14	56.86	53.67	3.19	3278.52	---	
		8/5/14	56.86	53.80	3.06	3278.42	---	

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])
East Side Shallow LNAPL Recovery Wells								
MW-5	4"	2/4/09	52.62	52.60	0.02	3,281.25	66.54	46.5-66.5
3333.85		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	4"	2/4/09	54.37	52.44	1.93	3,281.33	66.00	46-66
3334.06		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	4"	2/10/09	54.61	---	---	3,283.09	---	NA
3337.70		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	---	

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])
TMW-2	4"	2/18/09	55.95	55.11	0.84	3,283.11	70.44	NA
3338.30		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	3283.29	---	
		8/5/14	56.93	54.88	2.05	3283.24	---	
TMW-3	4"	2/17/09	53.77	---	---	3,282.90	70.23	NA
3336.67		8/5/09	53.91	53.90	0.01	3,282.76	---	
		2/2/10	54.01	---	---	3,282.66	---	
		8/2/10	53.97	---	---	3,282.70	---	
		4/4/11	53.78	---	---	3,282.89	---	
		8/8/11	53.70	---	---	3,282.97	---	
		2/6/12	53.77	---	---	3,282.90	---	
		8/7/12	53.72	---	---	3,282.95	---	
		2/5/13	53.72	---	---	3,282.95	---	
		8/5/13	53.60	---	---	3,283.07	---	
		2/3/14	53.61	---	---	3283.06	---	
		8/5/14	53.68	---	---	3282.99	---	
TMW-5	4"	2/18/09	53.50	---	---	3,282.16	---	NA
3335.66		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	4"	2/17/09	52.36	---	---	3,283.00	---	NA
3335.36		8/4/09	52.46	---	---	3,282.90	68.30	
		2/2/10	52.59	---	---	3,282.77	---	
		8/2/10	NG	---	---	NG	---	
		4/4/11	52.40	---	---	3,282.96	---	
		8/8/11	52.35	---	---	3,283.01	68.30	
		2/6/12	52.40	---	---	3,282.96	---	
		8/7/12	52.36	---	---	3,283.00	---	
		2/5/13	52.35	---	---	3,283.01	---	
		8/5/13	52.25	---	---	3,283.11	---	
		2/3/14	52.23	---	---	3283.13	---	
		8/5/14	52.27	---	---	3283.09	---	

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])
			Deep Monitor Wells					
MWD-1	4"	2/11/09	53.37	---	---	3,281.89	---	45-95
3335.26		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	4"	2/10/09	54.75	---	---	3,281.57	---	45-85
3336.32		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	4"	2/5/09	50.32	---	---	3,280.54	---	45-85
3330.86		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	4"	2/12/09	52.11	---	---	3,281.90	---	45-95
3334.01		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	4"	2/12/09	53.44	---	---	3,281.64	---	55-105
3335.08		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	4"	2/11/09	51.54	---	---	3,281.28	---	45-85
3332.82		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	4"	2/10/09	53.58	---	---	3,282.39	85.00	45-85
3335.97		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	4"	2/12/09	53.19	---	---	3,281.73	---	45-85
3334.92		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			

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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	4"	2/10/09	55.41	---	---	3,282.83	---	44-94
3338.24		8/5/09	55.43	---	---	3,282.81	96.84	
		2/2/10	55.50	---	---	3,282.74	---	
		8/2/10	55.52	---	---	3,282.72	---	
		4/11/11	55.27	---	---	3,282.97	---	
		8/8/11	55.23	---	---	3,283.01	97.11	
		2/6/12	55.15	---	---	3,283.09	---	
		8/7/12	55.17	---	---	3,283.07	---	
		2/5/13	55.2	---	---	3,283.04	---	
		8/5/13	55.21	---	---	3,283.03	---	
		2/3/14	55.08	---	---	3283.16	---	
		8/5/14	55.13	---	---	3283.11	---	
MWD-12	4"	2/17/09	53.04	---	---	3,281.04	---	38-88
3334.08		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	---	---	3281.29	---	
		8/5/14	52.95	---	---	3281.13	---	
MWD-13	4"	2/5/09	52.37	---	---	3,279.74	---	40-90
3332.11		8/4/09	52.33	---	---	3,279.78	93.25	
		2/2/10	52.87	---	---	3,279.24	---	
		8/2/10	53.11	---	---	3,279.00	---	
		4/11/11	51.31	---	---	3,280.80	---	
		8/8/11	51.13	---	---	3,280.98	92.40	
		2/6/12	50.95	---	---	3,281.16	---	
		8/6/12	50.85	---	---	3,281.26	---	
		2/5/13	50.80	---	---	3,281.31	---	
		8/5/13	50.90	---	---	3,281.21	---	
		2/3/14	50.69	---	---	3281.42	---	
		8/5/14	51.40	---	---	3280.71	---	
MWD-14	4"	2/12/09	52.86	---	---	3,280.90	---	40-90
3333.76		8/4/09	52.81	---	---	3,280.95	93.12	
		2/2/10	53.23	---	---	3,280.53	---	
		8/2/10	53.26	---	---	3,280.50	---	
		4/11/11	52.27	---	---	3,281.49	---	
		8/8/11	52.21	---	---	3,281.55	93.13	
		2/6/12	52.10	---	---	3,281.66	---	
		8/7/12	51.97	---	---	3,281.79	---	
		2/5/13	51.96	---	---	3,281.80	---	
		8/5/13			NG			
		2/3/14	51.90	---	---	3281.86	---	
		8/5/14	52.35	---	---	3281.41	---	

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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-15	4"	2/12/09	53.50	---	---	3,281.85	---	40-90
3335.35		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	4"	2/12/09	52.39	---	---	3,281.71	---	45-95
3334.10		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	4"	2/12/09	54.28	---	---	3,280.46	---	45-95
3334.74		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		2/2/09	NG					NA
3332.04		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		2/2/09	49.91	---	---	3,281.55	92.02	NA
3331.46		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		2/2/09	52.69	---	---	3,281.76	68.55	NA
3334.45		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		2/3/09	55.95	---	---	3,279.45	91.28	NA
3335.40		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		2/3/09	53.30	---	---	3,280.88	94.25	NA
3334.18		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 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-6		2/3/09	50.30	---	---	3,279.42	113.13	NA
3329.72		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		2/2/09	50.95	---	---	3,280.78	60.03	NA
3331.73		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	4"	2/11/09			NG - Pump		92.00	42-92
3335.06		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	4"	2/11/09			NG - Pump		90.00	50-90
3333.45		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[4] (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs[2])
RW-6	4"	2/11/09		NG - Pump			112.00	52-92
3332.37		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	4"	2/11/09		NG - Pump			103.00	52-92
3331.23		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	4"	2/11/09		NG - Pump			92.00	52-82
3333.39		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]
Shallow Monitor Wells						
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

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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-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[1]	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	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
DUP	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
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-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				
	8/15/13	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]
Deep Monitor Wells						
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	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
DUP	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)[a]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard [2]		**10**	**750**	**750**	**620**
Shallow Monitor Wells					
MW-1	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	2/5/10	Not Sampled -- LNAPL			
	4/4/11	Not Sampled -- LNAPL			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/7/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			
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	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
DUP-3	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	2/11/09	**5.9**	<1.0	**4.7**	<3.0
DUP-2	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)[a]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard[2]		**10**	**750**	**750**	**620**
MW-6	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
(Dup)	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)[a]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard [2]		**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)[a]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard [2]		**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)[a]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard [2]		**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	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**
(Dup)	8/9/12	**1,400 J**	**3.1 J**	**170 J**	**57 J**
	2/8/13	**1,300**	**3.9 J**	**150 J**	**58 J**
	8/9/13	**1,400**	<1.0	**210 J**	**7.1 J**
	2/10/14	**1000**	**1.7**	**160**	**36**
MW-21	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
	8/11/10	**510**	<1.0	**140**	**22**
	4/4/11	Not Sampled			
	8/8/11	No Access - Construction on Site			
	2/6/12	Not Sampled -- LNAPL			
	8/14/12	**490**	**2.2**	**250**	**33**
	2/11/13	**340**	<1.0	**230**	**11**
	8/9/13	**650 J**	**2.3 J**	**150 J**	**45 J**
	2/7/14	**130**	**0.5 J**	**190**	**9.9**
(Dup)	2/7/14	**130**	**0.5 J**	**190**	**9.8**
MW-22	2/11/09	**2,700**	<10	**66**	**43**
	8/13/09	**3,500**	<10	**130**	<30
	2/17/10	**19,000**	<50	**260**	<150
	8/10/10	**18,000**	<50	**260**	<150
DUP	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
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)[a]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard[2]		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
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)[a]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard[2]		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
	8/10/11	190	<5.0	230	<15
DUP-1	8/10/11	180	<1.0	230	<3.0
	2/9/12	100	<5.0	250	15
	8/8/12	130 J	1.5 J	170 J	30 J
	2/8/13	86 J	1.5 J	160 J	79 J
	2/8/13	84 J	1.4 J	150 J	77 J
	8/8/13	60 J	<1.0	48 J	28 J
	2/6/14	110 J	<7.0	88 J	7.4 J
	8/11/14	80 J	1.1 J	63 J	14 J
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

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-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
	8/8/13	1400 J	1.2 J	80 J	51 J
	2/6/14	1200	<1.0	16 J	7.7 J
(Dup)	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			

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**
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	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			
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 on Site			
	8/8/11	Not Sampled -- LNAPL			
	2/6/12	Not Sampled -- LNAPL			
	8/7/12	Not Sampled -- LNAPL			
	2/5/13	Not Sampled -- LNAPL			
	8/5/13	Not Sampled -- LNAPL			
	2/5/14	Not Sampled -- LNAPL			
	8/5/14	Not Sampled -- LNAPL			

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)[a]	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 Standard*[2]**		**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 Standard[2]		**10**	**750**	**750**	**620**
Deep Monitor Wells					
MWD-1	2/11/09	**3.7**	<1.0	**3.1**	<3.0
	8/6/09	**1.9**	<1.0	<1.0	<3.0
	2/8/10	**1.2**	<1.0	<1.0	<3.0
	8/4/10	**5**	<1.0	<1.0	<3.0
	4/14/11	**4.5**	<1.0	<1.0	<3.0
	8/17/11	**5.4**	<1.0	**1.9**	<3.0
	2/13/12	<1.0	<1.0	<1.0	<3.0
	2/13/12	<1.0	<1.0	<1.0	<3.0
	8/13/12	<1.0	<1.0	<1.0	<3.0
	2/6/13	<1.0	<1.0	<1.0	<3.0
	8/7/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
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
DUP	8/5/10	**1.6**	<1.0	<1.0	<3.0
	4/15/11	**7.8**	<1.0	<1.0	<3.0
	8/17/11	**2.6**	<1.0	<1.0	<3.0
	2/14/12	<1.0	<1.0	<1.0	<3.0
	8/10/12	<1.0	<1.0	<1.0	<3.0
	2/5/13	<1.0	<1.0	<1.0	<3.0
	2/5/13	<1.0	<1.0	<1.0	<3.0
	8/8/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	3.4	1.5	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
(Dup)	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
MWD-5	2/12/09	**5,000**	**63**	**470**	**110**
	8/12/09	**5,700**	<250	<250	<750
	2/9/10	**4,800**	<400	<250	<750
	8/6/10	**3,500**	**1.8**	**280**	**58**
	4/15/11	**4,600**	<250	**420**	<750
	8/15/11	**4,400**	**56**	**450**	**49**

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

Well ID	Collection Date	Benzene (ug/L)[3]	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard [2]		**10**	**750**	**750**	**620**
	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**
(Dup)	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	2/12/09	**5.8**	<1.0	**8.3**	<3.0
	8/7/09	**71**	<1.0	**61**	**4.9**
DUP-1	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**
DUP	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	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
(Dup)	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/6/14	<1.0	<1.0	<1.0	<1.0
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

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**
MWD-10	2/12/09	**700**	<1.0	**100**	**18**
	8/10/09	**700**	<1.0	**67**	**13**
DUP-2	8/10/09	**700**	1.1	**70**	**14**
	2/9/10	**1,100**	<1.0	**40**	<3.0
	4/15/11	Not Sampled - LNAPL			
	8/19/11	**810**	<1.0	**76**	**8.5**
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/5/13	Not Sampled			
	8/5/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			
MWD-11	2/10/09	**13**	**3.8**	**6.6**	<3.0
	8/12/09	**3.5**	<1.0	**1.2**	<3.0
	2/8/10	<1.0	<1.0	<1.0	<3.0
	8/5/10	<1.0	<1.0	<1.0	<3.0
	4/15/11	**4.2**	<1.0	<1.0	<3.0
DUP-4	4/15/11	**4.3**	<1.0	<1.0	<3.0
	8/19/11	**4.0**	<1.0	**1.4**	<3.0
DUP-3	8/19/11	**3.4**	<1.0	**1.4**	<3.0
	2/10/12	<1.0	<1.0	<1.0	<3.0
	8/9/12	<1.0	<1.0	<1.0	<3.0
DUP	8/9/12	<1.0	<1.0	<1.0	<3.0
	2/5/13	<1.0	<1.0	<1.0	<3.0
	8/9/13	<1.0	<1.0	<1.0	<3.0
DUP	8/9/13	<1.0	<1.0	<1.0	<3.0
	2/4/14	<1.0	<1.0	<1.0	<1.0
	8/5/14	<1.0	<1.0	<1.0	<1.0
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

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**
MWD-13	2/5/09	**1.2**	<1.0	**3.6**	**3.1**
DUP-1	2/5/09	**1.2**	<1.0	**3.6**	**3.1**
	8/7/09	**1.1**	<1.0	<1.0	<3.0
	2/5/10	**2.7**	<1.0	<1.0	<3.0
	8/20/10	<1.0	<1.0	<1.0	<3.0
	4/15/11	**3.6**	<1.0	<1.0	<3.0
	8/17/11	**9.8**	<1.0	**2.9**	<3.0
	2/9/12	<1.0	<1.0	<1.0	<3.0
	8/10/12	<1.0	<1.0	<1.0	<3.0
	2/8/13	<1.0	<1.0	<1.0	<3.0
	8/6/13	**11**	<1.0	<1.0	<3.0
	2/5/14	**3.1**	<1.0	<1.0	<1.0
	8/5/14	<1.0	<1.0	<1.0	<1.0
MWD-14	2/12/09	**1,400**	<5.0	**16**	**<15**
	8/10/09	**1,600**	**1.6**	**31**	**18**
	2/9/10	**1,400**	<1.0	**13**	**7.8**
	8/5/10	**1,300**	<1.0	**31**	**20**
	4/15/11	Not Sampled			
	8/19/11	**730 E**	**1.4**	**11**	**17**
DUP-4	8/19/11	**1,400**	**1.2**	**12**	**18**
	2/17/12	**1,200**	<1.0	**100**	**74**
DUP-4	2/17/12	**1,300**	<5.0	**98**	**66**
	8/9/12	**1,600 J**	**1.0 J**	**190 J**	**100 J**
	2/8/13	**1200**	**1.2 J**	**310 J**	**98 J**
	8/8/13	**1700**	**1.1 J**	**460**	**92 J**
	2/6/14	**1100**	**0.4 J**	**170**	**29**
	8/13/14	**1900 J**	<1.0	**580 J**	**63 J**
MWD-15	2/12/09	**440**	**1.4**	**210**	**56**
DUP-3	2/12/09	**420**	**1.4**	**210**	**55**
	8/12/09	**300**	**1.1**	**120**	**29**
	2/8/10	**360**	<1.0	**23**	**4.6**
	8/5/10	**240**	<1.0	**28**	<5.0
	4/15/11	**280**	**1.3**	**14**	<3.0
	8/19/11	**150**	<1.0	**93**	**64**
	2/17/12	<230	**1.0**	7.6	<3.0
	8/9/12	<1.0	<1.0	2.3	**8.9**
	2/8/13	**20**	<1.0	**20**	**18**
	8/8/13	**1.3**	<1.0	**6.1**	**12**
	2/5/14	**0.2 J**	<1.0	**1.7**	**11**
	8/12/14	<1.0	<1.0	<1.0	**1.9**

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**
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**
Water Wells					
WW-1	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
	2/9/10	Not Sampled			
	8/6/10	Not Sampled			
	4/15/11	Not Sampled			
	8/9/11	Not Sampled			
	2/6/12	Not Sampled			
	8/7/12	Not Sampled			
	2/6/13	Not Sampled			
	8/6/13	Not Sampled			
	2/5/14	Not Sampled			
	8/5/14	Not Sampled			

TABLE 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-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			
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			

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-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 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**
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			
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**

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**
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 Standard[3]		250	1,000
Shallow Monitor Wells			
MW-1	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
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	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**
DUP-3	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	2/11/09	**4,190**	**9,220**
DUP-2	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 Standard[3]		250	1,000
MW-6	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
(DUP)	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	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
DUP	8/8/12	1,310 J	3,380
	2/7/13	1,440 J	3780
(DUP)	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 Standard [3]		**250**	**1,000**
MW-10	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
	4/4/11	Not Sampled -- LNAPL	
	8/8/11	Not Sampled -- LNAPL	
	2/6/12	Not Sampled -- LNAPL	
	8/7/12	Not Sampled -- LNAPL	
	2/5/13	Not Sampled -- LNAPL	
	8/5/13	Not Sampled -- LNAPL	
	2/5/14	Not Sampled -- LNAPL	
	8/5/14	Not Sampled -- LNAPL	
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	
MW-13	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**
(DUP)	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 Standard[3]		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
(Dup)	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
(DUP)	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 Standard[3]		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**
(Dup)	2/7/14	**853**	**2540**
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**
DUP	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**

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-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**
DUP-2	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**
DUP	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**
DUP	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 Standard[3]		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	1240
	8/11/14	349	1350
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	1290
	8/12/14	453	1260

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-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 Standard[3]		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

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
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**
	2/13/12	**1,630 J**	**7,950 J**
DUP	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**
	8/5/10	**15,800**	**26,500**
DUP	8/5/10	**15,600**	**27,900**
	4/15/11	**26,700**	**31,500**
	8/17/11	**19,600**	**26,700**
	2/14/12	**3,460**	**8,720**
	8/10/12	**2,860 J**	**5,770**
	2/5/13	**7,570 J**	**9,240**
(DUP)	2/5/13	**7,920 J**	**9,530**
	8/8/13	**11,500 J**	**18,900**
	2/4/14	**59700**	**60200**
	8/6/14	**2620**	**5120**
(Dup)	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 Standard[3]		250	1,000
MWD-5	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
(DUP)	8/8/13	2,000	3,690
	2/7/14	1120	2520
	8/11/14	3260	9560
MWD-6	2/12/09	237	822
	8/7/09	995	2,800
DUP-1	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
DUP	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	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
(Dup)	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 Standard[3]		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	2/12/09	6,130	11,600
	8/10/09	5,550	11,400
DUP-2	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	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
DUP-4	4/15/11	2,370	4,110
	8/19/11	1,520	3,130
DUP-3	8/19/11	1,340	3,370
	2/10/12	205	932
	8/9/12	315 J	864
DUP	8/9/12	156 J	836
	2/5/13	623 J	1,450
	8/9/13	701	1,600
(DUP)	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 Standard[3]		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	2/5/09	6,610	12,600
DUP-1	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	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
DUP-4	8/19/11	9,990	18,500
	2/17/12	5,220	10,400
DUP	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 Standard[3]		250	1,000
MWD-15	2/12/09	**20,800**	**37,000**
DUP-3	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 Standard[3]		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	

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**
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	**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	

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

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

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
DUP-3	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	2/11/09	<0.00020	**0.0207**	<0.0200	**0.0562**	<0.0050	<0.0150	<0.0150	<0.0050
DUP-2	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
MW-6	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
(DUP)	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

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-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	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
DUP	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
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

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-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
MW-15	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
DUP	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

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

Well ID	Collection Date	Mercury[1] (mg/L)	Arsenic[2] (mg/L)	Selenium[2] (mg/L)	Barium[2] (mg/L)	Cadmium[2] (mg/L)	Chromium[2] (mg/L)	Lead[2] (mg/L)	Silver[2] (mg/L)
NMWQCC Standard[3]		0.002	0.1	0.05	1	0.01	0.05	0.05	0.05
MW-17	2/11/09	<0.00020	<0.0200	<0.0200	**0.0468**	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	<0.0200	<0.0200	**0.0423**	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/10	<0.00020	<0.0200	<0.0200	0.166	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/10	<0.00020	<0.0200	<0.0200	0.0442	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	**0.186**	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/11	<0.00020	<0.0200	<0.0200	**0.0433**	<0.0050	<0.0150	<0.0150	<0.0050
	2/14/12	<0.00020	<0.0200	<0.0200	**0.0412**	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/12	<0.00020	**0.0226**	<0.0200	**0.0393**	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	<0.0200	<0.0200	**0.0551**	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/13	<0.00020	<0.0200	<0.0200	**0.0408**	<0.0050	<0.0150	<0.0150	<0.0050
(DUP)	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	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
DUP	8/9/12	<0.00020	**0.0466**	<0.0200	**0.649**	<0.0050	<0.0150	<0.0150	<0.0050
	2/8/13	<0.00020	**0.0494**	<0.0200	**0.804**	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	**0.0411**	<0.0200	**0.775**	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/14	<0.00020 J	**0.0270**	<0.0200	**0.792**	<0.0050	<0.0150	**0.0054 J**	<0.0050
MW-21	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
	8/11/10	<0.0010	**0.0621**	<0.0200	**0.107**	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	Not Sampled							
	8/8/11	No Access - Construction on Site							
	2/6/12	Not Sampled							
	8/14/12	<0.00020	**0.0562**	<0.0200	**0.163**	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/13	<0.00020	**0.0557**	<0.0200	**0.0847**	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	**0.0294**	<0.0200	**0.421**	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	**0.0642**	<0.0200	**0.0796**	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/14	<0.0020	**0.0667**	<0.0200	**0.0804**	<0.0050	<0.0150	<0.0150	<0.0050
MW-22	2/11/09	<0.00020	**0.0508**	<0.0200	**0.542**	<0.0050	<0.0150	<0.0150	<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
DUP	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

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-23	2/11/09	<0.00020	**0.0524**	<0.0200	**0.0938**	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	**0.0566**	**0.0246**	**0.0872**	<0.0050	<0.0150	<0.0150	<0.0050
	2/9/10	<0.00020	**0.0228**	<0.0200	**0.0893**	<0.0050	<0.0150	<0.0150	<0.0050
	8/5/10	<0.00020	<0.0200	**0.0251**	**0.0599**	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	<0.0200	**0.0231**	**0.0639**	<0.0050	<0.0150	<0.0150	<0.0050
DUP-2	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	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
(Dup)	8/13/14	--	<0.0200 J	<0.0200	**5.38**	<0.0050	<0.0150 J	<0.0150	<0.0050
MW-25	2/12/09	<0.00020	**0.0272**	<0.0200	**1.86**	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/09	<0.00020	<0.0200	<0.0200	**1.49**	<0.0050	<0.0150	<0.0150	<0.0050
	2/17/10	<0.00020	**0.0209**	<0.0200	**1.84**	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/10	<0.0010	<0.0200	<0.0200	**1.63**	<0.0050	<0.0150	<0.0150	<0.0050
DUP	8/12/10	<0.0010	<0.0200	<0.0200	**1.6**	<0.0050	<0.0150	<0.0150	<0.0050
	4/7/11	<0.00020	<0.0200	<0.0200	**1.55**	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/11	<0.00020	<0.0200	<0.0200	**1.50**	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	**0.0291**	<0.0200	**1.59**	<0.0050	<0.0150	<0.0150	<0.0050
DUP	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							
	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
(Dup)	8/14/14	--	**0.0293 J**	<0.0200	**4.56**	<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-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
	2/15/10	<0.00020	<0.0200	<0.0200	**6.97**	<0.0050	<0.0150	<0.0150	<0.0050
DUP-1	2/15/10	<0.00020	<0.0200	<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
	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
DUP-1	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
	2/8/13	<0.00020	<0.0200	<0.0200	**5.90**	<0.0050	<0.0150	<0.0150	<0.0050
(DUP)	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
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

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

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
Temporary Monitor Wells									
TMW-1	2/10/09	<0.00020	**0.0585**	<0.0200	**1.2**	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	**0.0481**	<0.0200	**1.02**	<0.0050	<0.0150	<0.0150	<0.0050
	2/12/10	<0.00020	0.05	<0.0200	1.24	<0.0050	<0.0150	0.0208	<0.0050
	8/9/10	<0.00020	0.0444	<0.0200	1.5	<0.0050	<0.0150	<0.0150	<0.0050
	4/6/11	<0.00020	**0.0437**	<0.0200	**0.265**	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/11	<0.00020	**0.0340**	<0.0200	**0.246**	<0.0050	<0.0150	<0.0150	<0.0050
	2/15/12	<0.00020	<0.0200	<0.0200	**0.243**	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/12	<0.00020	**0.0225**	<0.0200 J	**0.965**	<0.0050	<0.0150	<0.0150	<0.0050
	2/7/13	<0.00020	**0.0203**	<0.0200	**0.568**	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/13	<0.00020 J	<0.0200	<0.0200	**0.407**	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/14	<0.00020	**0.0224 J**	<0.0200	**1.87**	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/14	--	**0.0241**	<0.0200	**0.452**	<0.0050	<0.0150	<0.0150	<0.0050
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	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
DUP	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							

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
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
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 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
	8/6/14	<0.00020	<0.0200	<0.0200	**0.0737**	<0.0050	<0.0150	<0.0150	<0.0050
(Dup)	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
MWD-5	2/12/09	<0.00020	**0.088**	<0.0200	**6.35**	<0.0050	<0.0150	<0.0150	<0.0050
	40037	<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

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
	8/6/10	<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
(DUP)	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
	8/7/09	<0.00020	<0.0200	<0.0200	**1.7**	<0.0050	<0.0150	<0.0150	<0.0050
DUP-1	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
	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
(Dup)	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
	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
(Dup)	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
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

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-10	2/12/09	<0.00020	**0.0866**	<0.0200	**0.625**	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	**0.0739**	<0.0200	**0.517**	<0.0050	<0.0150	<0.0150	<0.0050
DUP-2	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
	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
DUP-4	4/15/11	<0.00020	<0.0200	<0.0200	**0.0813**	<0.0050	<0.0150	<0.0150	<0.0050
	8/19/11	<0.00020	<0.0200	<0.0200	**0.0856**	<0.0050	<0.0150	<0.0150	<0.0050
DUP-3	8/19/11	<0.00020	<0.0200	<0.0200	**0.0835**	<0.0050	<0.0150	<0.0150	<0.0050
	2/10/12	<0.00020 J	<0.0200	<0.0200	**0.0710**	<0.0050	<0.0150	**0.0345**	<0.0050
	8/9/12	<0.00020	<0.0200	<0.0200 J	**0.0616**	<0.0050	<0.0150	<0.0150	<0.0050
(Dup)	8/9/12	<0.00020	<0.0200	<0.0200	**0.0600**	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/13	<0.00020	<0.0200	<0.0200	**0.0807**	<0.0050	<0.0150	<0.0150	<0.0050
	8/9/13	<0.00020 J	<0.0200	<0.0200	**0.0832**	<0.0050	<0.0150	<0.0150	<0.0050
(DUP)	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
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	2/5/09	<0.00020	**0.0244**	<0.0200	**0.0361**	<0.0050	<0.0150	<0.0150	<0.0050
DUP-1	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

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-14	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
DUP-4	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
(Dup)	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
MWD-15	2/12/09	<0.00020	0.054	<0.0200	0.647	<0.0050	<0.0150	<0.0150	<0.0050
DUP3	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
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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							
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							

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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-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							
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							

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-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
	8/30/10	<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							
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

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-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							
	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
(Dup)	2/5/14	<0.00020	0.0167 J	<0.0200	0.395	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/14	<0.00020	0.152	<0.0200	0.0681	<0.0050	<0.0150	<0.0150	<0.0050

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.
8. J - Result is less than the Method Quantitation Limit (MQL) but greater than or equal to the Sample Quantitation Limit

Attachments

Attachment A
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