

GW003

**ANNUAL
MONITORING
REPORT**

07/13/2009

GW003



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July 13, 2009

Mr. Glenn von Gonten
New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South St. Francis Dr.
Santa Fe, NM 87505

RE: GW-003: 2008 Annual Groundwater Monitoring Report and Remedial Systems Summary
Eunice South Gas Plant
Lea County, New Mexico

Dear Mr. von Gonten:

Chevron U.S.A. Inc. (Chevron) is pleased to submit the above-referenced report for the Eunice South Gas Plant located in Lea County, New Mexico. The Eunice South Gas Plant 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).

As of March 1, 2009, Chevron Environmental Management Company's agent for the subject Site changed from Stantec Consulting Corporation (formerly Secor International Incorporated) to Conestoga-Rovers & Associates (CRA). CRA's contact information is provided below:

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Should you have any questions regarding the enclosed document, please contact me at (713) 372-1035 or email me at jhomer@chevron.com.

Respectfully,

Chevron Environmental Management Company on behalf of Chevron U.S.A Inc.

Jeneé Homer
Jeneé Homer
Project Manager

cc: Leonard Lowe, NMOCD

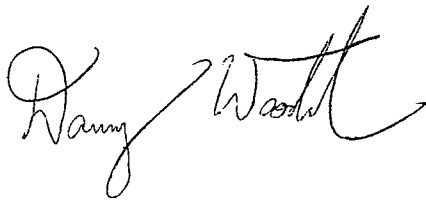
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**2008 ANNUAL GROUNDWATER MONITORING REPORT AND
REMEDIAL SYSTEMS SUMMARY**
EUNICE SOUTH GAS PLANT
Lea County, New Mexico



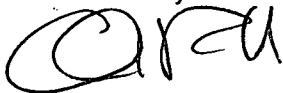
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July 20, 2009

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1.0 SITE BACKGROUND

This report summarizes the results of the 2008 semi-annual groundwater monitoring program and remediation system performance conducted by Stantec Consulting Corporation (Stantec) on behalf of Chevron Environmental Management Company (CEMC) at the Eunice South Gas Plant (OGRID No. 4323). Site activities for 2008 included two semi-annual groundwater sampling events and O&M for the interim chloride and PSH recovery systems.

1.1 Site Location and Background

The Eunice South Gas Plant (Site) is located in the southeast corner of New Mexico, in Lea County. The Site is approximately 4.5 miles south of the town of Eunice in the northwest quarter (NW/4) of the southwest quarter (SW/4) of Section 27, Township 22 South (T-22-S), Range 37 East (R-37-E). The Site latitude/longitude coordinates are 32° 21' 44.75" N and 103° 09' 26.87" W. For the purpose of this report, the Site area will be comprised of the original gas plant property and surrounding areas included in the groundwater monitoring program. The Site is bordered by State Highway 207 along the western boundary and State Highway 18 on the eastern boundary. A Site Location Map is presented in **Figure 1**.

The Site was originally constructed by Skelly Oil Company in 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, (NGL). The Site was owned and operated by Texaco until operation was transferred to Versado Gas Processors, LLC (Versado) on July 1, 1998. Dynegy Midstream Services, L.P. (Dynegy) operated two compressors in the northwest portion of the Site. Dynegy was sold to Targa Midstream Services, L.P. (Targa), and Targa currently operates the compressor stations. A Site Details Map is presented in **Figure 2**.

1.2 Groundwater Monitoring and Remediation Background

Much of the background information is summarized from the *2004 Annual Summary of Investigation & Remediation* (Highlander, January 2005). Impacts were initially discovered through the subsurface investigation report titled *A Final Investigation Report* (Texaco Exploration and Production, Inc., July 1997). Past operation at the gas plant by Texaco resulted in impacts to the groundwater, and to some extent, soils inside the gas plant. The two largest areas of concern are:

- Phase separated hydrocarbons (PSH) and benzene, toluene, ethylbenzene, and xylene (BTEX) on the west side of the Site; and
- Total dissolved solids (TDS) and chlorides on the northeast side of the Site.

There are also two smaller areas of concern: One area is a limited area of PSH on the east side of the Site, and the other is an area of limited BTEX impact to the south of the Site. Several soil and groundwater investigations have been conducted to date.

Three types of remedial systems are in place to address the impacted groundwater:

- Chloride recovery system;
- PSH recovery system - divided into:
 - A system of Ferret Pumps on the east side of the Site (East Side); and
 - A system (not operational during 2008 due to Site demolition activities) of Xitech Skimmers on the west side of the Site (West Side).
- Soil vapor extraction (SVE) system (not operational during 2008 due to Site demolition activities) with thermal oxidation (thermox) unit for vapor treatment.

1.3 Site Overview

During 2008, the semi-annual sampling events were completed in the second and fourth quarters of 2008. The first event began on May 27, 2008, and was completed on June 5, 2008 (May/June 2008); the second event began on October 21, 2008, and was completed on October 30, 2008, (October 2008). A total of 70 wells were scheduled to be sampled during each event. However, the actual number of wells sampled varied during each event, due to demolition activities, limited access, and the presence of PSH in some of the wells.

As of 2008, the total number of wells located at the Site is comprised of:

- 33 shallow monitor wells (MW-1 through MW-32, MW-34);
- 17 deep monitor wells (MWD-1 through MWD-17);
- Five temporary monitor wells (TMW-1, TMW-2, TMW-3, TMW-5, and TMW-6);
- Eight recovery wells (RW-1 through RW-8); and
- Seven groundwater wells (WW-1 through WW-7).

The west side Xitech hydrocarbon recovery system and the soil vapor extraction system (Thermal Oxidizer) were not operated in 2008 due to demolition activities at the Site.

1.4 Scope of Work

Ongoing work at the Site includes semi-annual groundwater gauging and sampling, weekly O&M of the groundwater recovery system, and weekly O&M of the PSH recovery system. The scope of work described in this report consisted of:

- Collection of one groundwater sample from each available onsite well location using a submersible pump.
- Weekly O&M performed on the groundwater recovery system including: recording the totalizer reading, flow rate, well head pressure, water level, and additional necessary adjustments.
- Weekly O&M performed on the PSH recovery system to ensure that MW-5 and MW-20 were operational and to assess operational status of the east side Ferret system.

2.0 SITE SETTING

A file review of previously submitted soil boring advancement and groundwater monitoring well completion logs indicates the following geology at the Site:

- Interbedded sand and sandstone from the ground surface to approximately twenty (20) feet below ground surface (bgs).
- The caliche strata layer extends to a sand layer found at approximately fifty-eight (58) feet bgs.
- The sand layer overlays a layer of sandstone found at approximately fifty-eight (58) to one-hundred (100) feet bgs.
- The sandstone overlays a second sand stratum that extends to approximately one-hundred five (105) feet bgs.
- Greenish-yellowish and red clay beds are encountered at approximately one-hundred ten (110) feet bgs and define the total depth of the Site wells.

A geologic cross-section of the Site, including pertinent chemicals of concern (COC) analytical results, is presented in **Figure 2A**.

2.1 Regional Physiography

The Site lies in the southern High Plains of the Great Plains physiographic province. The Site lies in the Eunice Plain, which is bounded on the south by the South Plain, on the east by Rattlesnake Ridge, on the northeast by the High Plains, on the northwest by the Laguna Valley and Gramma Ridge Area, on the west by the San Simone Ridge and San Simone Swale, and to the west by the Antelope Ridge Area.

2.2 Regional Topography

Monument Draw is the major surface drainage feature in the area. It is located approximately two and one-half miles to the east of the Site. The Site topography slopes gently toward Monument Draw at approximately 25 feet per mile. Small closed basins or playas exist on this eastward sloping surface of the draw. Accumulation of precipitation in these playas is the primary source of aquifer recharge.

2.3 Regional Geology

The geologic formations of interest at the Site include (from the oldest to the youngest): Triassic Chinle; Cretaceous undifferentiated; Tertiary Ogallala; and Quaternary windblown (eolian) sediments, designated as the Blackwater Draw Formation. Of particular interest with regard to the groundwater impact at the Site are the Tertiary Ogallala and the Blackwater Draw which together make up the Ogallala Aquifer.

2.4 Regional Hydrogeology

The primary source of fresh water at the Site is the Ogallala Aquifer. The Ogallala Aquifer at the Site consists of the fluvial and eolian sediments of the Tertiary Ogallala Formation and the

olian sediments of the Quaternary Blackwater Draw Formation. The Ogallala Aquifer is bounded unconformably upon the erosional surface of the claystones, sandstones, and siltstones of the Triassic Chinle Formation. The Chinle forms the base of the fresh groundwater in the area because of the Chinle's low vertical permeability.

The base of the Ogallala Aquifer is composed of five to ten feet of gravel, sand, and clay. This gravel unit is overlain by alternating layers of loose and well consolidated red and yellow sandstones. Overall depth to groundwater roughly varies with topography across the Site, ranging from 46 to 56 feet. In this area the groundwater gradient generally slopes to the southeast, following the topographic slope toward Monument Draw.

3.0 HYDROGEOLOGIC ASSESSMENT

During the May/June 2008 and October 2008 groundwater sampling events, water levels were measured and samples were taken in all accessible wells, with the exception of those with treatment or recovery equipment present and wells containing PSH accumulations at the time of sampling (MW-1, MW-5, MW-10, MW-11, MW-12, MW-19, MW-20, MW-21, MW-27, MW-28, RW-1 through RW-5, and TMW-2). The well locations are illustrated in the Site Details Map located on **Figure 2**.

3.1 Groundwater Elevation Measurement

Before groundwater sampling activities commenced, an oil-water interface probe (accurate to the nearest ± 0.01 feet) was used to measure the depth to groundwater, PSH thickness, and total well depth from the surveyed point on the rim of each well's top of casing. Depth to groundwater, depth to PSH, and total well depth measurements were recorded on the Groundwater Field Log. Data from the 2008 events were utilized to calculate groundwater elevations which were then utilized to determine an apparent groundwater gradient and direction of flow.

Cumulative Groundwater Measurement Data are summarized in **Table 1**.

3.1.1 May/June 2008 Groundwater Gradient

During the May/June sampling event, shallow zone groundwater elevations ranged from 3,279.43 feet (AMSL) in MW-13 to 3,284.98 feet (AMSL) in TMW-2. These groundwater elevations indicate a general groundwater flow direction to the south-southeast at an approximate gradient of 0.002 ft/ft. However, at the northern edge of the Site, shallow well groundwater flow is to the east-northeast. A potentiometric low, located on the north-eastern edge of the Site, is associated with pumping well MWD-9. Potentiometric highs exist at the eastern edge of the Site at MW-15 and MW-16. The shallow zone groundwater elevations (MW-1 through MW-32, MW-34, TMW-1, TMW-2, TMW-3, TMW-3, TMW-5, and TMW-6) were used to generate the May/June 2008 Potentiometric Surface Shallow Wells Map depicted on **Figure 3**.

Deep zone groundwater elevations ranged from 3,280.01 feet (AMSL) in MWD-13 to 3,282.93 feet (AMSL) in MWD-11. These groundwater elevations indicate a general groundwater flow direction to the south-southeast at an approximate gradient of 0.002 ft/ft. However, at the northern edge of the Site, deep well groundwater flow is to the east-southeast. A potentiometric low, located on the north-eastern edge of the Site, is associated with pumping wells MWD-3 and MWD-9. A potentiometric high exists at the eastern edge of the Site at MWD-7. Deep zone groundwater elevations (MWD-1 through MWD-17) were used to generate the May/June 2008 Potentiometric Surface Deep Wells Map depicted on **Figure 4**.

3.1.2 October 2008 Groundwater Gradient

During the October sampling event, shallow zone groundwater elevations ranged from 3,279.91 feet (AMSL) in MW-13 to 3,284.25 feet (AMSL) in MW-25. These groundwater

elevations indicate a general groundwater flow direction to the south-southeast at an approximate gradient of 0.002 ft/ft. However, at the northern edge of the Site, shallow well groundwater flow is to the east-southeast. Shallow zone groundwater elevations were used to generate the October 2008 Potentiometric Surface Shallow Wells Map depicted on **Figure 5**.

Deep zone groundwater elevations ranged from 3,279.99 feet (AMSL) in MWD-13 to 3,282.90 feet (AMSL) in MWD-11. These groundwater elevations indicated a general groundwater flow direction to the south-southeast at an approximate gradient of 0.002 ft/ft. However, at the northern edge of the Site, deep well groundwater flow is to the east-southeast. Groundwater elevations in the deep zone were used to generate the October 2008 Potentiometric Surface Deep Wells Map depicted on **Figure 6**.

4.0 GROUNDWATER SAMPLING PROTOCOL AND ANALYSIS

Groundwater analytical data from this Site are utilized to:

- Assess the effect of historic site activities on groundwater conditions at the Site;
- Monitor potential off-site migration of the impacted groundwater; and
- Maintain compliance with the New Mexico Oil Conservation Division (NMOCD) regulations.

The 2008 analytical results have been tabulated and compared against State of New Mexico Water Quality Control Commission (NMWQCC) Human Health or Domestic Water Supply standards. Results for each group of constituents are discussed below. Summaries of the May/June 2008 and October 2008 groundwater sampling results have been tabulated in **Table 2** and **Table 3**.

4.1 Groundwater Monitor Well Sampling Protocol

Beginning with the least-impacted wells, and prior to sampling, each well was purged using low-flow techniques utilizing a submersible pump positioned two to ten feet off the bottom of the well. During well purging, water quality parameters were measured using a multi-meter with flow-through-cell and recorded on the Groundwater Sampling Field Data Sheets every three to five minutes. Purging was conducted until a maximum of three well volumes of groundwater was removed or water quality parameters stabilized for three consecutive readings within the following limits:

- Dissolved oxygen (DO) - 10%;
- Conductivity - 3%;
- Temperature - 3%;
- pH - ± 0.1 unit; and
- Oxidation reduction potential (ORP) - ± 10 millivolts

Groundwater samples were collected before groundwater had passed through the flow-through-cell. Volatile organic compound samples were collected first and pre-preserved sample containers were filled directly from the flow through cell. The pump was slowed considerably when samples were collected for BTEX due to the volatility of the analyte.

All sample containers were filled by allowing the pump discharge to flow gently down the inside of the container with minimal turbulence. Groundwater samples collected for RCRA metals analysis were field-filtered into pre-preserved containers using high-capacity, 0.45- μ m disposable filters and a small pump. The filtered groundwater was acidified to a pH of two when added to the pre-preserved containers.

If a duplicate sample was to be collected at a location, all bottles designated for a particular analysis at that location were filled before bottles for another analysis were filled. For wells with product recovery equipment (MWD-3, MWD-9, RW-6 RW-7 and RW-8), samples were collected directly from sampling ports.

Indicator field parameters were recorded at the time of sample collection, and cumulative groundwater field parameters are summarized in **Appendix A**.

4.2 Sampling Schedule

May/June 2008

Groundwater samples were collected from 20 shallow monitor wells, 17 deep monitor wells, two temporary monitor wells (TMW-1 and TMW-6), and two recovery wells (RW-6 and RW-8) during the May/June 2008 sampling event.

Exceptions to the sampling program for the May/June 2008 event include:

- Monitor wells MW-2, MW-5, MW-19, MW-20, MW-21, TMW-2, and TMW-5 were not sampled due to PSH in the wells.
- Monitor wells MW-1, MW-10, MW-12, MW-24, MW-26, MW-27, and TMW-3 were not accessible due to demolition work being done inside the plant.
- Monitor well MW-11 could not be found.
- The pump was down in RW-7.
- None of the water supply wells were sampled.

October 2008

Groundwater samples were collected from 22 shallow monitor wells, 17 deep monitor wells, four temporary monitor wells (TMW-1, TMW-3, TMW-5, and TMW-6) and three recovery wells (RW-6, RW-7, and RW-8) during the October 2008 sampling event.

Exceptions to the sampling program for the October 2008 event were:

- Monitor wells MW-1, MW-5, MW-2, MW-12, MW-19, MW-20, MW-21, MW-27, and TMW-2 were not sampled due to the presence of PSH in the wells.
- Monitor wells MW-5 and MW-28 were not sampled due to pumping activities.
- Monitor well MW-11 could not be found.
- Monitor well MW-10 could not be sampled due to demolition activities within the plant area.
- None of the water supply wells were sampled.

4.3 Sample Handling and Analysis

Following collection, groundwater samples were labeled, logged on a laboratory chain of custody, and placed on ice in an insulated cooler to maintain a temperature of approximately 4°C. Water samples were transported via overnight carrier (FedEx) to the analytical laboratory. Proper chain of custody documentation was maintained throughout sampling transportation and analysis.

All groundwater samples were analyzed by Lancaster Laboratories in Lancaster, Pennsylvania, a CEMC-approved analytical laboratory. The May/June 2008 and October 2008 groundwater samples were analyzed for:

- BTEX by EPA Method 8021B;
- Chloride by EPA Method 300.0;
- TDS by EPA Method 160.1;
- RCRA Metals (arsenic, barium, cadmium, chromium, lead, selenium, and silver) by EPA Method 6010B and (mercury) EPA 7470; and

The laboratory analytical reports can be found in **Appendix B**.

4.4 Investigation Derived Waste Management

Purge water was pumped from the wells into a trailer-mounted 750-gallon poly tank during sampling activities and later fed into a stationary 150-barrel (bbl) steel tank for storage prior to disposal. Following the sampling event, the liquid wastes were disposed of off-site at a Chevron-approved facility.

4.5 BTEX Analysis

During the May/June 2008 and October 2008 events, each groundwater sample was analyzed for BTEX analytes. **Table 2** summarizes the 2008 cumulative BTEX analytical results and compares the results with the NMWQCC Human Health standards. A discussion of BTEX analysis results for each event and well type is presented in the following sections.

4.5.1 May/June 2008 BTEX Analysis

Shallow Monitor Wells

Groundwater samples were collected from 20 shallow monitor wells for BTEX analysis during the May/June 2008 sampling event. A brief discussion of the reported BTEX analytical results is presented below:

- Benzene was detected in groundwater samples collected from 17 shallow monitor wells at reported concentrations ranging from 0.0033 mg/L (MW-17) to 7.5 mg/L (MW-25). An isopleth map for benzene concentrations is presented as **Figure 7**.
- Toluene was detected in the groundwater samples collected from nine shallow monitor wells at reported concentrations ranging from 0.0013 mg/L (MW-7) to 0.23 mg/L (MW-25). All detected concentrations of toluene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Ethylbenzene was detected in the groundwater samples collected from 15 shallow monitor wells at reported concentrations ranging from 0.00185 mg/L (MW-17) to 0.52 mg/L (MW-25). All detected concentrations of ethylbenzene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Total xylene was detected in the groundwater samples collected from nine shallow monitor wells at reported concentrations ranging from 0.0032 mg/L (MW-29) to 0.11 mg/L (MW-25). All detected concentrations of total xylene were below the NMWQCC Human Health Standard of 0.62 mg/L.

Deep Monitor Wells

Groundwater samples were collected from 17 deep monitor wells for BTEX analysis during the May/June 2008 sampling event. A brief discussion of the reported BTEX analytical results is presented below:

- Benzene was detected in groundwater samples collected from 15 deep monitor wells at reported concentrations ranging from 0.0028 mg/L (MWD-7) to 3.3 mg/L (MWD-5). An isopleth map for benzene concentrations is presented as **Figure 8**.
- Toluene was detected in the groundwater samples collected from eight deep monitor wells at reported concentrations ranging from 0.0013 mg/L (MWD-10) to 0.012 mg/L (MWD-3). All detected concentrations of toluene were below the NMWQCC Human Health Standard of 0.75 mg/L.

- Ethylbenzene was detected in the groundwater samples collected from 15 deep monitor wells at reported concentrations ranging from 0.0012 mg/L (MWD-17) to 0.27 mg/L (MWD-5). All detected concentrations of ethylbenzene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Total xylene was detected in the groundwater samples collected from nine deep monitor wells at reported concentrations ranging from 0.006 mg/L (MWD-16) to 0.13 mg/L (MWD-13). All detected concentrations of total xylene were below the NMWQCC Human Health Standard of 0.62 mg/L.

Temporary Monitor Wells and Recovery Wells

Groundwater samples were collected from two temporary monitor wells (TMW-1 and TMW-6) and two recovery wells (RW-6 and RW-8) for BTEX analysis during the May/June 2008 sampling event. A brief discussion of the reported BTEX analytical results is presented below:

- Benzene was detected in groundwater samples collected from two temporary monitor wells and two recovery wells at reported concentrations ranging from 0.0068 mg/L (RW-6) to 3.3 mg/L (TMW-6). Well locations TMW-6, RW-8 (0.96 mg/L), and TMW-1 (0.024 mg/L) exceeded the benzene NMWQCC Human Health Standard of 0.01 mg/L.
- Toluene was detected in groundwater samples collected from two temporary monitor wells and two recovery wells at reported concentrations ranging from 0.0015 mg/L (TMW-1) to 0.0056 mg/L (RW-6). All detected concentrations of toluene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Ethylbenzene was detected in groundwater samples collected from two temporary monitor wells and two recovery wells at reported concentrations ranging from 0.0041 mg/L (RW-6) to 0.38 mg/L (TMW-6). All detected concentrations of ethylbenzene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Total xylene was detected in the groundwater samples collected from RW-6, RW-8, and TMW-6 at concentrations of 0.0052 mg/L, 0.17 mg/L, and 0.19 mg/L, respectively. All detected concentrations of total xylene were below the NMWQCC Human Health Standard of 0.62 mg/L.

4.5.2 October 2008 BTEX Analysis

Shallow Monitor Wells

Groundwater samples were collected from 22 shallow monitor wells for BTEX analysis during the October 2008 sampling event. A brief discussion of the reported BTEX analytical results is presented below:

- Benzene was detected in groundwater samples collected from 18 shallow monitor wells at reported concentrations ranging from 0.0012 mg/L (MW-23) to 15 mg/L (MW-24). An isopleth map for benzene concentrations is presented as **Figure 9**.
- Toluene was detected in the groundwater samples collected from 12 shallow monitor wells at reported concentrations ranging from 0.011 mg/L (MW-4) to 0.075 mg/L (MW-24). All detected concentrations of toluene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Ethylbenzene was detected in the groundwater samples collected from 19 shallow monitor wells at reported concentrations ranging from 0.0017 mg/L (MW-8) to 0.52 mg/L (MW-24). All

detected concentrations of ethylbenzene were below the NMWQCC Human Health Standard of 0.75 mg/L.

- Total xylene was detected in the groundwater samples collected from 13 shallow monitor wells at reported concentrations ranging from 0.0034 mg/L (MW-14) to 0.48 mg/L (MW-24). All detected concentrations of total xylene were below the NMWQCC Human Health Standard of 0.62 mg/L.

Deep Monitor Wells

Groundwater samples were collected from 17 deep monitor wells for BTEX analysis during the October 2008 sampling event. A brief discussion of the reported BTEX analytical results is presented below:

- Benzene was detected in groundwater samples collected from 16 deep monitor wells at reported concentrations ranging from 0.0024 mg/L (MWD-13) to 4.6 mg/L (MWD-3). An isopleth map for benzene concentrations is presented as **Figure 10**.
- Toluene was detected in the groundwater samples collected from six deep monitor wells at reported concentrations ranging from 0.0015 mg/L (MWD-9) to 0.024 mg/L (MWD-5). All detected concentrations of toluene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Ethylbenzene was detected in the groundwater samples collected from 17 deep monitor wells at reported concentrations ranging from 0.0015 mg/L (MWD-9) to 0.29 mg/L (MWD-5). All detected concentrations of ethylbenzene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Total xylene was detected in the groundwater samples collected from eight deep monitor wells at reported concentrations ranging from 0.0035 mg/L (MWD-6) to 0.15 mg/L (MWD-16). All detected concentrations of total xylene were below the NMWQCC Human Health Standard of 0.62mg/L.

Temporary Monitor Wells and Recovery Wells

Groundwater samples were collected from four temporary monitor wells (TMW-1, TMW-3, TMW-5, and TMW-6) and three recovery wells (RW-6, RW-7, and RW-8) for BTEX analysis during the October 2008 sampling event. A brief discussion of the reported BTEX analytical results is presented below:

- Benzene was detected in groundwater samples collected from a total of seven wells (both temporary monitor wells and recovery wells) at reported concentrations ranging from 0.014 mg/L (TMW-3) to 3.6 mg/L (TMW-6). Well locations TMW-6, RW-6 (0.014 mg/L), RW-7 (0.015 mg/L), RW-8 (0.09 mg/L), TMW-1 (0.094 mg/L), and TMW-5 (1.8 mg/L) exceeded the benzene NMWQCC Human Health Standard of 0.01 mg/L.
- Toluene was detected in groundwater samples collected from a total of four wells (both temporary monitor wells and recovery wells) at reported concentrations ranging from 0.0013 mg/L (RW-7) to 0.0047 mg/L (RW-6). All detected concentrations of toluene were below the NMWQCC Human Health Standard of 0.75 mg/L.
- Ethylbenzene was detected in groundwater samples collected from a total of seven wells (both temporary monitor wells and recovery wells) at reported concentrations ranging from 0.0039 mg/L (RW-7) to 0.35 mg/L (TMW-6). All detected concentrations of ethylbenzene were below the NMWQCC Human Health Standard of 0.75 mg/L.

- Total xylene was detected in the groundwater samples collected from from a total of seven wells (both temporary monitor wells and recovery wells) at reported concentrations ranging from 0.0037 mg/L (RW-7) to 0.2 mg/L (RW-8). All detected concentrations of total xylene were below the NMWQCC Human Health Standard of 0.62 mg/L.

4.6 Chloride and TDS Analysis

During the May/June 2008 and October 2008 events, each groundwater sample was analyzed for chlorides and TDS. **Table 2** summarizes the 2008 cumulative chlorides and TDS analytical results and compares the results with the NMWQCC Human Health standards.

4.6.1 May/June 2008 Chloride and TDS Analysis

Shallow Monitor Wells

Groundwater samples were collected from 20 shallow monitor wells for chloride and TDS analysis during the May/June 2008 sampling event. A brief discussion of the reported chloride and TDS analytical results is presented below:

- Chlorides were detected in groundwater samples collected from 20 shallow monitor wells at reported concentrations ranging from 68.9 mg/L (MW-34) to 8,340 mg/L (MW-23). An isopleth map for benzene concentrations is presented as **Figure 11**.
- TDS was detected in the groundwater samples collected from 20 shallow monitor wells at reported concentrations ranging from 562 mg/L (MW-34) to 15,700 mg/L (MW-23). Detected concentrations of TDS exceeded the NMWQCC Human Health Standard of 1,000 mg/L in 17 of the 20 monitor wells sampled.

The 17 shallow monitor wells exceeding the TDS NMWQCC Human Health Standard are the same well locations exceeding the chloride NMWQCC Human Health Standards. Monitor well locations exceeding the chloride NMWQCC Human Health Standard are identified in the contour lines on **Figure 11**.

Deep Monitor Wells

Groundwater samples were collected from 17 deep monitor wells for chloride and TDS analysis during the May/June 2008 sampling event. A brief discussion of the reported chloride and TDS analytical results is presented below:

- Chlorides were detected in groundwater samples collected from 17 deep monitor wells at reported concentrations ranging from 365 mg/L (MWD-4) to 49,300 mg/L (MWD-17). An isopleth map for benzene concentrations is presented as **Figure 12**.
- TDS was detected in the groundwater samples collected from 17 deep monitor wells at reported concentrations ranging from 1,430 mg/L (MWD-4) to 84,800 mg/L (MWD-3). Detected concentrations of TDS exceeded the NMWQCC Human Health Standard of 1,000 mg/L in all 17 of the deep monitor wells sampled.

Temporary Monitor Wells and Recovery Wells

Groundwater samples were collected from two temporary monitor wells (TMW-1 and TMW-6) and two recovery wells (RW-6 and RW-8) for chloride and TDS analysis during the May/June 2008 sampling event. A brief discussion of the reported chloride and TDS analytical results is presented below:

- Chlorides were detected in groundwater samples collected from two temporary monitor wells and two recovery wells at reported concentrations ranging from 319 mg/L (TMW-6) to 21,300 mg/L (RW-6), which exceeded the NMWQCC Human Health Standard of 250 mg/L for chlorides. RW-8 (15,200 mg/L) and TMW-1 (1,440 mg/L) also exceeded the chloride NMWQCC Human Health Standard.
- TDS was detected in the groundwater samples collected from two temporary monitor wells and two recovery wells at reported concentrations ranging from 1,520 mg/L (TMW-6) to 52,300 mg/L (RW-6), which exceeded the NMWQCC Human Health Standard of 1,000 mg/L for TDS. RW-8 (25,800 mg/L) and TMW-1 (3,030 mg/L) also exceeded the TDS NMWQCC Human Health Standard.

4.6.2 October 2008 Chloride and TDS Analysis

Shallow Monitor Wells

Groundwater samples were collected from 22 shallow monitor wells for chloride and TDS analysis during the October 2008 sampling event. A brief discussion of the reported chloride and TDS analytical results is presented below:

- Chlorides were detected in groundwater samples collected from 22 shallow monitor wells at reported concentrations ranging from 72.5 mg/L (MW-34) to 11,400 mg/L (MW-23). An isopleth map for benzene concentrations is presented as **Figure 13**.
- TDS was detected in the groundwater samples collected from 22 shallow monitor wells at reported concentrations ranging from 578 mg/L (MW-34) to 18,000 mg/L (MW-23). Detected concentrations of TDS exceeded the NMWQCC Human Health Standard of 1,000 mg/L in 20 of the 22 shallow monitor wells sampled. Analytical results displaying shallow monitor well exceedances of TDS are identified in **Table 2**.

Deep Monitor Wells

Groundwater samples were collected from 17 deep monitor wells for chloride and TDS analysis during the October 2008 sampling event. A brief discussion of the reported chloride and TDS analytical results is presented below:

- Chlorides were detected in groundwater samples collected from 17 deep monitor wells at reported concentrations ranging from 218 mg/L (MWD-4) to 43,500 mg/L (MWD-3). An isopleth map for benzene concentrations is presented as **Figure 14**.
- TDS was detected in the groundwater samples collected from 17 deep monitor wells at reported concentrations ranging from 1,190 mg/L (MWD-4) to 69,200 mg/L (MWD-3). Detected concentrations of TDS exceeded the NMWQCC Human Health Standard of 1,000 mg/L in all 17 of the deep monitor wells sampled.

Temporary Monitor Wells and Recovery Wells

Groundwater samples were collected from four temporary monitor wells (TMW-1, TMW-3, TMW-5, and TMW-6) and three recovery wells (RW-6, RW-7, and RW-8) for chloride and TDS analysis during the October 2008 sampling event. A brief discussion of the reported chloride and TDS analytical results is presented below:

- Chlorides were detected in groundwater samples collected from a total of seven wells (both temporary monitor wells and recovery wells) at reported concentrations ranging from 401 mg/L (TMW-6) to 58,900 mg/L (RW-7), which exceeded the NMWQCC Human Health Standard of 250 mg/L for chlorides. RW-6 (23,900 mg/L), RW-8 (13,000 mg/L), TMW-1 (1,770 mg/L), TMW-3 (695), and TMW-5 (4,780) also exceeded the chloride NMWQCC Human Health Standard.
- TDS was detected in the groundwater samples collected from a total of seven wells (both temporary monitor wells and recovery wells) at reported concentrations ranging from 1,340 mg/L (TMW-6) to 111,000 mg/L (RW-7), which exceeded the NMWQCC Human Health Standard of 1,000 mg/L for TDS. RW-6 (44,100 mg/L), RW-8 (21,300 mg/L), TMW-1 (3,560 mg/L), TMW-3 (1,740 mg/L), and TMW-5 (7,940 mg/L) also exceeded the TDS NMWQCC Human Health Standard.

4.7 RCRA Metals Analysis

During the May/June 2008 and October 2008 events, each groundwater sample was analyzed for RCRA metals. **Table 3** summarizes the 2008 cumulative RCRA metals analytical results and compares the results with the NMWQCC Human Health standards.

4.7.1 May/June 2008 RCRA Metals Analysis

Shallow Monitor Wells

Groundwater samples were collected from 20 shallow monitor wells for RCRA metals analysis during the May/June 2008 sampling event. A brief discussion of the reported RCRA metals analytical results is presented below:

- Arsenic was detected in groundwater samples collected from 9 shallow monitor wells at reported concentrations ranging from 0.0207 mg/L (MW-30) to 0.0529 mg/L (MW-23). Detected concentrations of arsenic were below the NMWQCC Human Health Standard of 0.1 mg/L.
- Barium was detected in the groundwater samples collected from 20 shallow monitor wells at reported concentrations ranging from 0.461 mg/L (MW-17) to 17 mg/L (MW-9). Detected concentrations of barium exceeded the NMWQCC Human Health Standard of 1.0 mg/L in 8 of the 20 monitor wells sampled. Analytical results displaying shallow monitor well exceedances of barium are identified in **Table 3**.
- Chromium was detected in the groundwater sample collected from MW-16 (0.132 mg/L). The detected concentration of chromium exceeded the NMWQCC Human Health Standard of 0.05 mg/L.

Cadmium, lead, mercury, selenium, and silver were below laboratory method detection limits in all shallow groundwater samples collected during the May/June 2008 event. Therefore, the concentrations of all above mentioned constituents were below their NMWQCC Human Health standards of 0.01 mg/L, 0.05 mg/L, 0.002 mg/L, 0.05 mg/L, and 0.05 mg/L, respectively.

Deep Monitor Wells

Groundwater samples were collected from 17 deep monitor wells for RCRA metals analysis during the May/June 2008 sampling event. A brief discussion of the reported RCRA metals analytical results is presented below:

- Arsenic was detected in groundwater samples collected from 9 deep monitor wells at reported concentrations ranging from 0.0285 mg/L (MWD-4) to 0.107 mg/L (MWD-17). The MWD-17 concentration exceeded the arsenic NMWQCC Human Health Standard of 0.1 mg/L.
- Barium was detected in the groundwater samples collected from 16 deep monitor wells at reported concentrations ranging from 0.0368 mg/L (MWD-7) to 5.66 mg/L (MWD-5). The concentrations of the above mentioned MWD-5 and MWD-16 (1.01 mg/L) exceeded the barium NMWQCC Human Health Standard of 1.0 mg/L.
- Chromium was detected in the groundwater sample collected from MWD-2 (0.0173 mg/L) and MWD-8 (0.0171 mg/L). The two detected concentrations of chromium were below the NMWQCC Human Health Standard of 0.05 mg/L.
- Silver was detected in the groundwater sample collected from MWD-3 (0.0065 mg/L). The detected concentration of silver was below the NMWQCC Human Health Standard of 0.05 mg/L.

Cadmium, lead, mercury, and selenium were below laboratory method detection limits in all deep groundwater samples collected during the May/June 2008 event. Therefore, the concentrations of all above mentioned constituents were below their NMWQCC Human Health standards of 0.01 mg/L, 0.05 mg/L, 0.002 mg/L, and 0.05 mg/L, respectively.

Temporary Monitor Wells and Recovery Wells

Groundwater samples were collected from two temporary monitor wells and two recovery wells for RCRA metals analysis during the May/June 2008 sampling event. A brief discussion of the reported RCRA metals analytical results is presented below:

- Arsenic was detected in groundwater samples collected from TMW-1 (0.0414 mg/L) and TMW-6 (0.0663 mg/L). The two detected concentrations were below the arsenic NMWQCC Human Health Standard of 0.1 mg/L.
- Barium was detected in the groundwater samples collected from two temporary monitor wells and two recovery wells at reported concentrations ranging from 0.0341 mg/L (RW-8) to 1.2 mg/L (TMW-1). The reported concentration for TMW-1 exceeded the barium NMWQCC Human Health Standard of 1.0 mg/L.

Cadmium, chromium, lead, mercury, selenium, and silver were below laboratory method detection limits in all temporary well and recovery well groundwater samples collected during the May/June 2008 event. Therefore, the concentrations of all above mentioned constituents were below their NMWQCC Human Health standards of 0.01 mg/L, 0.05 mg/L, 0.05 mg/L, 0.002 mg/L, 0.05 mg/L, and 0.05 mg/L, respectively.

4.7.2 October 2008 RCRA Metals Analysis

Shallow Monitor Wells

Groundwater samples were collected from 22 shallow monitor wells for RCRA metals analysis during the October 2008 sampling event. A brief discussion of the reported RCRA metals analytical results is presented below:

- Arsenic was detected in groundwater samples collected from 10 shallow monitor wells at reported concentrations ranging from 0.0272 mg/L (MW-25) to 0.0618 mg/L (MW-23). All detected concentrations of arsenic were below the NMWQCC Human Health Standard of 0.1 mg/L.
- Barium was detected in the groundwater samples collected from 22 shallow monitor wells at reported concentrations ranging from 0.0391 mg/L (MW-4) to 15.6 mg/L (MW-9). Detected concentrations of barium exceeded the barium NMWQCC Human Health Standard of 1.0 mg/L in 9 of the 20 monitor wells sampled. Analytical results displaying shallow monitor well exceedances of barium are identified in **Table 3**.
- Chromium was detected in the groundwater sample collected from MW-16 (0.155 mg/L). The detected concentration of chromium exceeded the NMWQCC Human Health Standard of 0.05 mg/L.
- Selenium was detected in the groundwater sample collected from MW-23 (0.0218 mg/L). The detected concentration of selenium was below the NMWQCC Human Health Standard of 0.05 mg/L.

Cadmium, lead, mercury, and silver were below laboratory method detection limits in all shallow groundwater samples collected during the October 2008 event. Therefore, the concentrations of all above mentioned constituents were below their NMWQCC Human Health standards of 0.01 mg/L, 0.05 mg/L, 0.002 mg/L, and 0.05 mg/L, respectively.

Deep Monitor Wells

Groundwater samples were collected from 17 deep monitor wells for RCRA metals analysis during the October 2008 sampling event. A brief discussion of the reported RCRA metals analytical results is presented below:

- Arsenic was detected in groundwater samples collected from 10 deep monitor wells at reported concentrations ranging from 0.0291 mg/L (MWD-3) to 0.218 mg/L (MWD-17). The concentrations of the above mentioned MWD-17 and MWD-5 (0.112 mg/L) exceeded the arsenic NMWQCC Human Health Standard of 0.1 mg/L.
- Barium was detected in the groundwater samples collected from 17 deep monitor wells at reported concentrations ranging from 0.0277 mg/L (MWD-13) to 4.92 mg/L (MWD-5). MWD-5 exceeded the barium NMWQCC Human Health Standard of 1.0 mg/L.
- Chromium was detected in the groundwater sample collected from MWD-8 (0.0155 mg/L). The detected chromium concentration was below the chromium NMWQCC Human Health Standard of 0.05 mg/L.

Cadmium, lead, mercury, selenium, and silver were below laboratory method detection limits in all deep groundwater samples collected during the October 2008 event. Therefore, the concentrations of all above mentioned constituents were below their NMWQCC Human Health standards of 0.01 mg/L, 0.05 mg/L, 0.002 mg/L, 0.05 mg/L and 0.05 mg/L, respectively.

Temporary Monitor Wells and Recovery Wells

Groundwater samples were collected from four temporary monitor wells (TMW-1, TMW-3, TMW-5, and TMW-6) and three recovery wells (RW-6, RW-7, and RW-8) for RCRA metals analysis during the October 2008 sampling event. A brief discussion of the reported RCRA metals analytical results is presented below:

- Arsenic was detected in groundwater samples collected from five monitor wells (both temporary monitor wells and a recovery well) at reported concentrations ranging from 0.0209 mg/L (RW-8) to 0.0757 mg/L (TMW-6). The detected concentrations were below the arsenic NMWQCC Human Health Standard of 0.1 mg/L.
- Barium was detected in the groundwater samples collected from seven monitor wells (both temporary monitor wells and recovery wells) at reported concentrations ranging from 0.0631 mg/L (RW-7) to 2.06 mg/L (TMW-3). The reported concentration for the above mentioned TMW-3 and TMW-1 (1.1 mg/L) exceeded the barium NMWQCC Human Health Standard of 1.0 mg/L.
- Silver was detected in the groundwater sample collected from RW-7 (0.0059 mg/L). The detected concentration of silver was below the NMWQCC Human Health Standard of 0.05 mg/L.

Cadmium, chromium, lead, mercury, and selenium were below laboratory method detection limits in all temporary well and recovery well groundwater samples collected during the October 2008 event. Therefore, the concentrations of all above mentioned constituents were below their NMWQCC Human Health standards of 0.01 mg/L, 0.05 mg/L, 0.05 mg/L, 0.002 mg/L, and 0.05 mg/L, respectively.

5.0 QUALITY ASSURANCE/QUALITY CONTROL

Quality assurance/quality control (QA/QC) objectives for groundwater monitor data include:

- Collecting data in accordance with procedures as appropriate for its intended use;
- Maintaining sufficient quality data to meet scientific and legal scrutiny;
- Generating representative data of known and acceptable precision and accuracy; and
- Evaluating data that is consistent in content and quality.

Results for the QA/QC samples along with laboratory QA/QC results are included in the laboratory analytical reports located in **Appendix B**.

5.1 Field Duplicate Samples

A field duplicate sample is a second sample collected at the same location as the original sample. Duplicate samples are collected simultaneously or in immediate succession, using identical recovery techniques, and treated in an identical manner during storage, transportation, and analysis. Duplicate samples are collected to assure accuracy of testing methods by the laboratory. Two duplicate samples were collected during the May/June 2008 sampling event, and four duplicate samples were collected during the October 2008 sampling event.

The following table presents benzene analytical results for wells sampled during the 2008 semiannual events compared to their respective duplicate sample results.

Date	Original Sample ID	Original Sample Analytical Results (ug/L)	Duplicate Sample ID	Duplicate Sample Analytical Result (ug/L)
05/28/08	MW-6	<1.0	Dup#1	<1.0
06/04/08	MWD-14	1,300	Dup#2	<1,500
10/27/08	MW-6	39	Dup#100	32
10/28/08	MW-4	22	Dup#101	22
10/30/08	MW-25	7,300	Dup#102	7,000
10/29/08	TMW-5	1,800	Dup#200	2,100

The following table presents chloride analytical results for wells sampled during the 2008 semiannual events compared to their respective duplicate sample results.

Date	Original Sample ID	Original Sample Analytical Results (mg/L)	Duplicate Sample ID	Duplicate Sample Analytical Result (mg/L)
05/28/08	MW-6	4,670	Dup#1	4,910
06/04/08	MWD-14	13,100	Dup#2	12,800
10/27/08	MW-6	5,970	Dup#100	5,890
10/28/08	MW-4	4,500	Dup#101	4,590
10/30/08	MW-25	2,960	Dup#102	2,720
10/29/08	TMW-5	4,780	Dup#200	4,630

5. 2 Trip Blank Samples

As volatiles were part of the analytical program, trip blanks were submitted to the laboratory at a rate of one trip blank per cooler. Four trip blanks were collected during the May/June 2008 and seven trip blanks were collected during the October 2008 sampling event. Trip blanks were analyzed for BTEX to detect potential cross-contamination of volatile organic constituents between aqueous samples during sample handling and shipment.

No constituents were detected in the May/June 2008 or the October 2008 trip blanks.

5. 3 Decontamination Procedures

To decontaminate sampling equipment, an Alconox-water solution was pumped from buckets through the pump and associated equipment. All equipment was then rinsed thoroughly with distilled water pumped from clean buckets. The Alconox-water solution and distilled water were changed periodically. One-time use disposable equipment was not decontaminated, but packaged for appropriate disposal.

6.0 REMEDIATION SYSTEM PERFORMANCE

Three types of remedial systems are installed at the Site to address the impacted groundwater at the Site:

- Groundwater recovery system;
- PSH recovery system (East Side and West Side); and,
- SVE system.

6.1 Groundwater Recovery System

The groundwater recovery system is operated on-site to control migration of the elevated TDS plume. Secondly, the extraction system is intended to recover groundwater in order to reduce overall chloride impacts at the Site. A network of five extraction wells (MWD-3, MWD-9, RW-6, RW-7, and RW-8) captures chloride-impacted groundwater. Extracted groundwater is disposed of by deep well injection into an on-site injection well (Well #5).

6.1.1 2008 Groundwater Recovery System Performance

Weekly O&M performed on the recovery system includes recording of the totalizer reading, flow rate, well head pressure, water level, and any adjustments made. The recovery pumps are pulled and serviced, as necessary.

A total of 194,886.9 barrels (bbls) were extracted by the recovery system and injected into Well #5 in 2008 (as recorded on January 1, 2009). Recovery wells MWD-3, MWD-9, RW-6, RW-7 and RW-8 were in operation for all of 2008. Meter readings were reported quarterly to the New Mexico Office of State Engineer (NMOSE), and volumes were reported monthly to Targa, the plant operator. Contributions of individual recovery wells are detailed below:

- MWD-3: 10,017.5 bbl (average of 27.4 bbl per day [bpd]);
- MWD-9: 37,016.6 bbl (average of 101.4 bpd);
- RW-6: 29,434.2 bbl (average of 80.6 bpd);
- RW-7: 4,929.5 bbl (average of 11.3 bpd); and
- RW-8: 114,289.1 bbl (average of 131.1 bpd).

6.1.2 2008 Groundwater Recovery System O&M Activities

O&M activities performed on the recovery system in 2008 included:

- Replacement of the flow meter, pump and lightning arrestor on MWD-3;
- Replacement of the flow meter, pump and lightning arrestor on MWD-9;
- Replacement of meter, pump, control box and lightning arrestor on RW-7;
- Replacement of pump and lightning arrestor on RW-6; and
- Replacement of meter, pump and lightning arrestor on RW-8.

6.1.3 Groundwater Recovery System Evaluation

Key findings in the recovery system review include:

- The five recovery wells typically combine for an extraction rate of 25 gallons per minute (gpm) 857 barrels per day (bpd), with: 5.8 gpm from MWD-3, 6.4 gpm from MWD-9, 5.8 gpm from RW-6, 1.9 gpm from RW-7, and 5.1 gpm from RW-8. The drawdown data for each recovery well suggests the pumping rates could be increased beyond the combined 25 gpm.
- The groundwater analytical data suggest chloride concentrations across the Site are generally decreasing since 2004. The most significant decreases include deep wells east and south of the brine pond (46% decrease at MWD-15, 50% decrease at MWD-14, and 47% decrease at MWD-16) and on the eastern property line (89% decrease at MWD-13, MWD-3, and MWD-9; 94% decrease at MW-22; and 32% decrease at MW-23).
- The recovery system is currently focused on the source area where the brine ponds once operated. Assuming the targeted plume footprint is defined by the deep plume area of 23 acres, the timeframe to remove one pore volume of groundwater would be 4.5 years. Typically, at least three pore volumes would be required to reduce the concentrations to below 250 mg/L, which would require the chloride recovery system to operate for 13.5 years.

6.2 PSH Recovery System

Two areas of light non-aqueous phase hydrocarbons are present in the groundwater at the Site. A light crude-like liquid was recovered at the East Side site and a hydrocarbon liquid resembling natural gas condensate was historically recovered at the West Side wells.

Two types of PSH recovery pumps (Xitech and Ferret) have been historically operated on-site. These pneumatic skimmer pumps remove PSH from the surface of the water column. The extracted PSH is stored in nearby above-ground storage tanks (ASTs). Currently, the PSH is manually transferred to a common AST (a rented, temporary tank located near the Ferret system) before it is trucked off-site for disposal by a licensed hauler. During 2008, two on-site pneumatic skimmer pumps were powered by a single air compressor located near MW-20.

6.2.1 East Side

The East Side system consists of two, four-inch wells (MW-5 and MW-20). Each well is fitted with a pneumatically-driven Ferret skimmer pump. Weekly O&M activities were performed on the East Side Ferret system. Weekly O&M activities include recording of the PSH and water levels in the wells, the oil and water volumes in the storage tanks, the volume transferred for disposal, the pump settings, the pump level, the supply pressure to the pump, and any adjustments made. Additional weekly O&M on this system includes checking the integrity of the pump air supply lines and replacement of visibly worn lines, ensuring pressurized lines are tethered, checking the integrity of tanks and secondary containment, testing the tank high level switches, and maintaining the transfer pump.

In 2008, a total of approximately 949 gallons of oil and 11,054 gallons of water were removed by the East Side Ferret system. This consisted of approximately 375 gallons of oil and

4,013 gallons of water removed from MW-5, and approximately 574 gallons of oil and 7,041 gallons of water removed from MW-20.

6.2.2 West Side

The West Side system has historically consisted of four, six-inch wells (RW-1, RW-2, RW-3, and RW-4) and two, four-inch wells (RW-5 and MW-28). Each well was historically fitted with a pneumatically-driven Xitech skimmer pump.

The West Side Xitech system was shut down as a safety precaution in mid-October 2006 to protect against potential spills or damage caused by ongoing demolition activities in the plant area. Therefore, in 2008, no product or water was collected from any of the six Xitech pumps at the Site.

6.2.3 2008 PSH Recovery System O&M Activities

O&M activities performed on the PSH recovery system in 2008 included:

- Replacement of the compressor; and
- Weekly O&M activities to ensure that MW-5 and MW-20 were operational.

6.2.4 PSH Recovery System Evaluation

Key findings in the PSH recovery system review include:

East Side Ferret System

- In 2004, a total of 12,635 gallons (300 bbl) of groundwater and 480 gallons (11 bbl or 1.5 tons) of PSH were recovered from the two Ferret pumps on the East Side, an average of 0.66 gpd PSH for each well.
- In 2005, a total of 11,965 gallons (284 bbl) of groundwater and 557 gallons (13 bbl or 1.8 tons) of PSH were recovered from the two Ferret pumps, an average of 0.76 gpd PSH for each well.
- As of October 10 in 2006, a total of 7,417 gallons (177 bbl) of groundwater and 663 gallons (15 bbl or 2.1 tons) of PSH were recovered from the two Ferret pumps, an average of 1.2 gpd PSH for each well.
- In 2007, a total of 6,385 gallons (152 bbl) of groundwater and 663 gallons (15.78 bbl or 2.43 tons) were recovered from the two Ferret pumps, an average of 0.9 gpd PSH for each well.
- In 2008, a total of 11,054 gallons (263.2 bbl) of groundwater and 949 gallons (22.59 bbl or 0.47 tons) of PSH were recovered from the two Ferret pumps, and average of 1.3 gpd PSH for each well.

West Side Xitech System

- In 2004, a total of 2,889 gallons (69 bbl or 9.4 tons) of PSH was recovered from the five Xitech pumps on the West Side, an average of 1.6 gallons per day (gpd) for each well.
- In 2005, a total of 1,705 gallons (40 bbl or 5.5 tons) of PSH was recovered from the six Xitech pumps, an average of 0.8 gpd for each well.
- As of October 10, 2006, a total of 733 gallons (17 bbl or 2.4 tons) of PSH was recovered from the six Xitech pumps, an average of 0.43 gpd for each well in 2006;

- The West Side Xitech System did not operate during 2007; and
- The West Side Xitech System did not operate during 2008.

6.3 Soil Vapor Extraction System

In the past, the SVE system has been operated to reduce hydrocarbon impacts present in soil gas in the PSH-impacted area on the west side of the Site. The SVE system consists of a network of thirteen SVE wells (MW-1, MW-2, MW-10, MW-24, MW-25, MW-26, MW-27, MW-28, RW-1, RW-2, RW-3, RW-4, and RW-5) and a trailer-mounted thermox unit used to treat the extracted vapors.

Six of the SVE points are located in Xitech PSH recovery wells. The remaining seven wells are equipped with air sparging to enhance vapor extraction by introducing compressed air below the water table within the casing. Air sparging was not conducted in 2008 due to demolition activities and the presence of PSH.

The SVE system was suspended in 2006 and will be evaluated in 2009, after the demolition at the Site has been completed. Pre-start up system inspections will be made as well as a possible rework of the system to ensure safe and proper function of all associated systems within the plant.

6.3.1 2008 Soil Vapor Extraction System Performance

The SVE system was shut down as a safety precaution in mid-October 2006 to protect against damage caused to the SVE wells or piping by ongoing demolition activities at the Site. Therefore, in 2008, the unit was not operated.

6.3.2 2008 Soil Vapor Extraction System O&M Activities

O&M activities were not performed on the SVE system in 2008.

6.4 Miscellaneous 2008 O&M

Miscellaneous Site O&M activities performed in 2008 included:

- Replacement of the air compressor and replacement of the guard and belt; and
- As part of the weekly scheduled O&M activities for all remedial systems on-site, the wells were inspected for well integrity (leaks, cracks, failed supports, etc.) and piping integrity (damage to above ground piping, headers, road crossings, flanges, saddles, etc.).

7.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based upon reviews of historical data, evaluation of current operations, past remedial techniques, and data collected during 2008.

7.1 Conclusions

BTEX, chlorides, TDS, and RCRA metals analytes were evaluated during the two 2008 sampling events. The results of the May/June 2008 and October 2008 groundwater sampling events were generally consistent with the results of previous sampling events and demonstrate that the remedial systems have stabilized COC plume sizes and generally decreased or stabilized COC concentrations.

7.1.1 BTEX

The BTEX concentrations in the plant area were generally lower during the 2008 sampling events than during the October/November 2007 events. The benzene plume is not fully defined at the Site but is primarily contained within the plant property, with the exceptions of MW-31, MW-9, and MWD-5. All three well locations are located south of the plant. The shallow and deep zone benzene plumes are illustrated in **Figure 7** through **Figure 10**. Cumulative BTEX results in groundwater are summarized and compared to their respective 2008 NMWQCC Domestic Water Supply standards in **Table 2**. The following summarizes the analysis of BTEX during the 2008 sampling events:

Shallow Monitor Wells and Temporary Monitor Wells

During the May/June 2008 event, shallow monitor wells and temporary wells exhibited elevated benzene concentrations in the following locations:

- Inside the plant, along the west side of the Site, at locations MW-25 (7.5 mg/L) and TMW-6 (3.3 mg/L); and
- Elevated benzene concentrations were also found south of the Site in shallow monitor wells MW-9 (2.1 mg/L) and MW-31 (4.1 mg/L).

During the October 2008 sampling event, shallow monitor wells and temporary wells exhibited elevated benzene concentrations in the following locations:

- Inside the plant, along the west side of the Site, at monitor wells MW-24 (15 mg/L), MW-25 (7.3 mg/L), MW-26 (6.3 mg/L), MW-22 (1.2 mg/L), TMW-5 (1.8 mg/L), and TMW-6 (3.6).
- Elevated benzene concentrations were also detected south of the Site at MW-9 (3.2 mg/L), MW-31 (3.7 mg/L), and MWD-5 (2.8 mg/L).

Deep Monitor Wells

During the May/June 2008 event, deep monitor exhibited elevated benzene concentrations in the following locations:

- East side of the Site at deep monitor wells MWD-3 (2.6 mg/L) and MWD-14 (1.3 mg/L).
- An elevated benzene concentration was also found south of the Site, in the deep monitor well MWD-5 (3.3 mg/L).

During the October 2008 sampling event, shallow monitor wells and temporary wells exhibited elevated benzene concentrations in the following locations:

- East side of the Site in deep monitor wells MWD-3 (4.6 m/L), MWD-17 (2.3 mg/L), and MWD-14 (1.5 mg/L).
- An elevated benzene concentration was also found south of the Site, in the deep monitor well MWD-5 (2.8 mg/L).

The NMWQCC standards for toluene, ethylbenzene, and total xylene were not exceeded in any of the wells during 2008.

7.1.2 Chloride

The chloride plume has not been fully defined at the Site. Elevated chloride concentrations have been found in several wells to the north and northeast end of the Site. Chloride concentrations are highest in two of the chloride recovery wells (RW-7 and RW-8), as expected. The surrounding deep monitor well locations, MWD-15 and MWD-17, are compared to the results of the 2007 sampling events below:

- MWD-15 increased from 22,000 mg/L in October/November 2007 to 22,400 mg/L in October 2008.
- MWD-17 increased from 8,230 mg/L in October/November 2007 to 35,500 mg/L in October 2008.

The chloride plume does not appear to be expanding and concentrations are generally stable or decreasing when compared to fourth quarter 2006 data, indicating the recovery system is having a positive effect on the area. The shallow and deep zone chloride plumes are illustrated in **Figure 11** through **Figure 14**. Cumulative chloride results in groundwater are summarized and compared to the 2008 NMWQCC Domestic Water Supply standard of 250 mg/l for chloride in **Table 2**.

7.1.3 TDS

TDS concentrations continue to be the most elevated in the deep zones to the north and northeast of the Site. Generally, the TDS concentrations have increased overall when compared to the 2007 sampling events. The highest TDS concentrations, at the Site, are located to the east of the former brine water retention pond at MWD-17 and RW-7. The concentrations at MWD-17 and RW-7 increased from 28,500 mg/L and 97,200 mg/L in October/November 2007 to 65,200 mg/L and 111,000 mg/L, respectively. TDS concentrations exceeded the NMWQCC standard of 1,000 mg/L in all 41 wells sampled during the May/June 2008 sampling event and in all 46 wells sampled during the October 2008 sampling event. TDS concentrations in the shallow zones remained relatively stable. Cumulative TDS results in groundwater are summarized and compared to the 2008 NMWQCC Domestic Water Supply standard of 1,000 mg/l for TDS in **Table 2**.

7.1.4 RCRA Metals

RCRA metals concentrations have remained relatively stable at the Site. With the exceptions of arsenic, barium, chromium, selenium, and silver, no other metals were detected in the May/June and October 2008 sampling events. Cumulative RCRA metals results in groundwater are summarized and compared to their respective 2008 NMWQCC Domestic Water Supply standards

in **Table 3**. The following summarizes the analysis of RCRA metals during the 2008 sampling events:

May/June 2008

- Arsenic was detected in a total of 20 groundwater samples during the May/June 2008 sampling event. The deep monitor well MWD-17 (0.107 mg/L) exceeded the arsenic NMWQCC Human Health Standard.
- Barium was detected in a total of 40 groundwater samples during the May/June 2008 sampling event. Eight shallow monitor wells, two deep monitor wells, and one temporary monitor well exceeded the barium NMWQCC Human Health Standard.
- Chromium was detected in one shallow monitor well (MW-16) and two deep monitor wells (MWD-2 and MWD-8). MW-16 (0.132 mg/L) was above the WQCC Human Health standard of 0.05 mg/L.
- Silver was detected in the groundwater sample collected from MWD-3 (0.0065 mg/L). The detected concentration of silver was below the NMWQCC Human Health Standard of 0.05 mg/L.

October 2008

- Arsenic was detected in a total of 25 groundwater samples during the October 2008 sampling event. The deep monitor wells MWD-17 (0.218 mg/L) and MWD-5 (0.112 mg/L) exceeded the arsenic NMWQCC Human Health Standard.
- Barium was detected in a total of 46 groundwater samples during the October 2008 sampling event. Nine shallow monitor wells, one deep monitor well, and temporary monitor wells exceeded the barium NMWQCC Human Health Standard.
- Chromium was detected in MW-16 and MWD-8. MW-16 (0.155 mg/L) was above the WQCC Human Health standard of 0.05 mg/L. MW-16 is located east of the Site across State Highway 18. The source of the chromium concentration remains unclear, and association with plant production is questionable.
- Selenium and silver were detected in MW-23 and RW-7, respectively. However, both concentrations were below their respective NMWQCC Human Health Standards.

7.2 Recommendations

7.2.1 Additional Evaluation

In order to investigate the petroleum hydrocarbon impacts, additional evaluation, including additional delineation in the plant area following demolition, and off-site delineation across State Highway 207 to the east is recommended.

7.2.2 Groundwater Sampling

Based on the results of the 2008 events, a similar sampling program of semi-annual groundwater monitoring at all wells is proposed for 2009. The sampling program will continue to consist of analyses for benzene, chlorides, TDS, and RCRA metals to determine if remedial systems are addressing the existing plumes and evaluate if all sources have been delineated. RCRA metals will continue to be monitored to further evaluate plume stability. However, sampling of RCRA metal analytes should be reduced to arsenic, barium, chromium, and mercury. Cadmium, lead,

selenium, and silver will be eliminated from the sampling program as they have had a minimal historic presence and were not detected in the 2008 sampling events.

7.2.3 Remedial Systems

Based upon the mid-phase review of remedial systems at the Site in 2006, and complete down time in 2008, the following is recommended:

- Following plant demolition work, expansion of the West Side PSH recovery effort should focus on SVE versus skimmer pump technology. As concentrations continue to drop, the 1,000 scfm thermox unit could theoretically handle 40 wells operating at 25 scfm each;
- The SVE system could be expanded to the south property line, near MW-9, to address localized elevated benzene concentrations;
- Refurbishment of all west side Xitech equipment and associated piping;
- Continue to operate the ferret pumps and chloride recovery systems, as practical during demolition activities; and
- Re-evaluate proper systems after the remaining assessment activities have been completed.

8.0 STATEMENT OF LIMITATIONS

The conclusions and recommendations contained in this report are based upon professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to the Site. Stantec derived the data in this report primarily from visual inspections, examination of data collected from consulting professionals previously conducting site activities, examination of records in the public domain, and interviews with individuals having information about the Site.

This report is based, in part, on information supplied to Stantec by a third-party source. Efforts have been made to substantiate the third-party information; however, Stantec can not guarantee the information completeness or accuracy. All data collected prior to October 2005 was provided by ARCADIS G&M, Inc. Descriptions and protocol presented in this report are intended to summarize activities conducted by Stantec during 2008.

9.0 REFERENCES

A Final Investigation Report, Texaco Exploration and Production, Inc., Eunice #1 (South) Gas Plant, July 1997.

Borton, R. L. (1978). *Bibliography of Ground-Water Studies in New Mexico 1873-1977*. New Mexico State Engineer, Santa Fe, New Mexico. Rose Printing Company, Inc., Tallahassee, Florida.

Gustavson, T. C., et al, (1995), *Origin and Development of Playa Basins, Sources of Recharge to the Ogallala Aquifer, Southern High Plains, Texas and New Mexico*, Bureau of Economic Geology, University of Texas, Austin, Report of Investigations No.22.

Highlander, 1996, *Subsurface Environmental Assessment*, dated September 1996.

Highlander, 2005, *2004 Annual Summary of Investigation & Remediation*, dated January 2005.

Nativ, R. (1988). *Hydrogeology and Hydrochemistry of the Ogallala Aquifer, Southern High Plains, Texas Panhandle and Easter New Mexico*. (Report of Investigations No. 177). Bureau of Economic Geology. The University of Texas at Austin, Austin, Texas.

Nicholson Jr., A, Clebsch Jr., A. (1961). *Geology and Ground-Water Conditions in Southern Lea County, New Mexico*. (Groundwater Report 6). Socorro, State Bureau of Mines and Mineral Resources, New Mexico Institute of Mining and Technology.

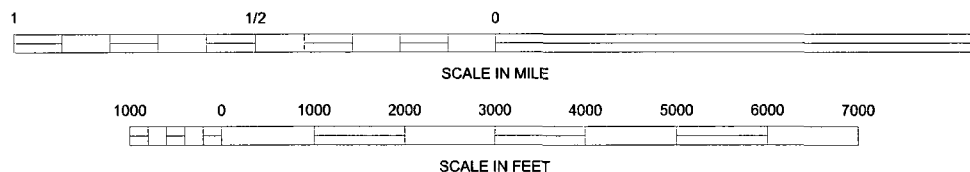
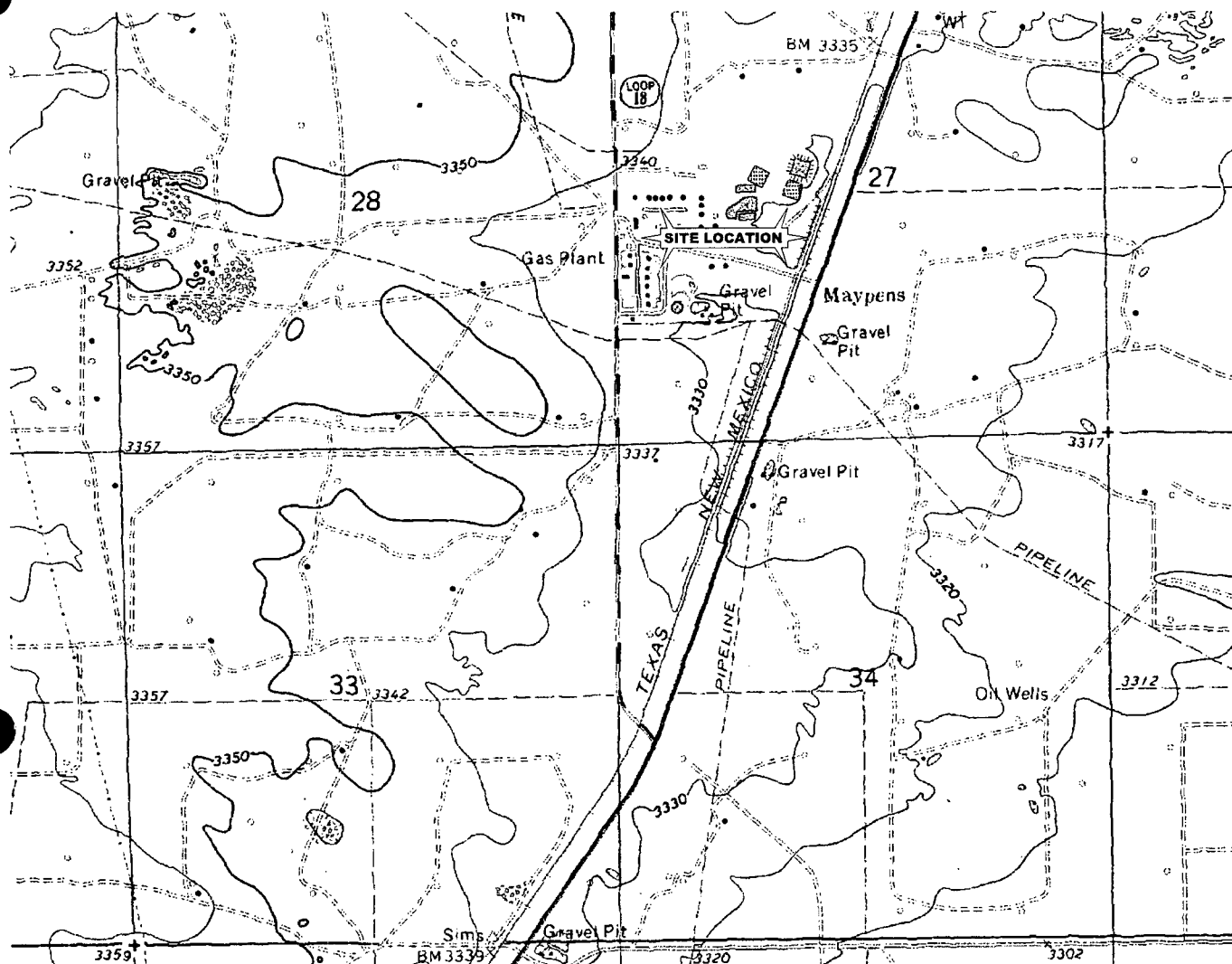
SECOR 2006, Annual Summary of Investigation and Remediation, dated March 1, 2007

Walker, J. R. (1978). *Baylor Geological Studies, Geomorphic Evolution of the Southern High Plains*. (Bulletin No. 35). Baylor University Department of Geology, Waco, Texas.

FIGURE 1
SITE LOCATION MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

FILEPATH: K:\FILES\OTHER OFFICES WORK\MIDLAND\EUNICE SOUTH SITE LOCATION MAP.DWG MODIFIED BY: JRE ON APR 16, 2009 - 0:57



REFERENCE: USGS 7.5 MINUTE QUADRANGLE; EUNICE AND RATTLESNAKE CANYON, NEW MEXICO

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FOR:

CHEVRON
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

SITE LOCATION MAP

FIGURE:

1

JOB NUMBER:

212201136

DRAWN BY:

ERM

CHECKED BY:

DW

APPROVED BY:

DSO

DATE:

4/16/09

FIGURE 2
SITE DETAILS MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

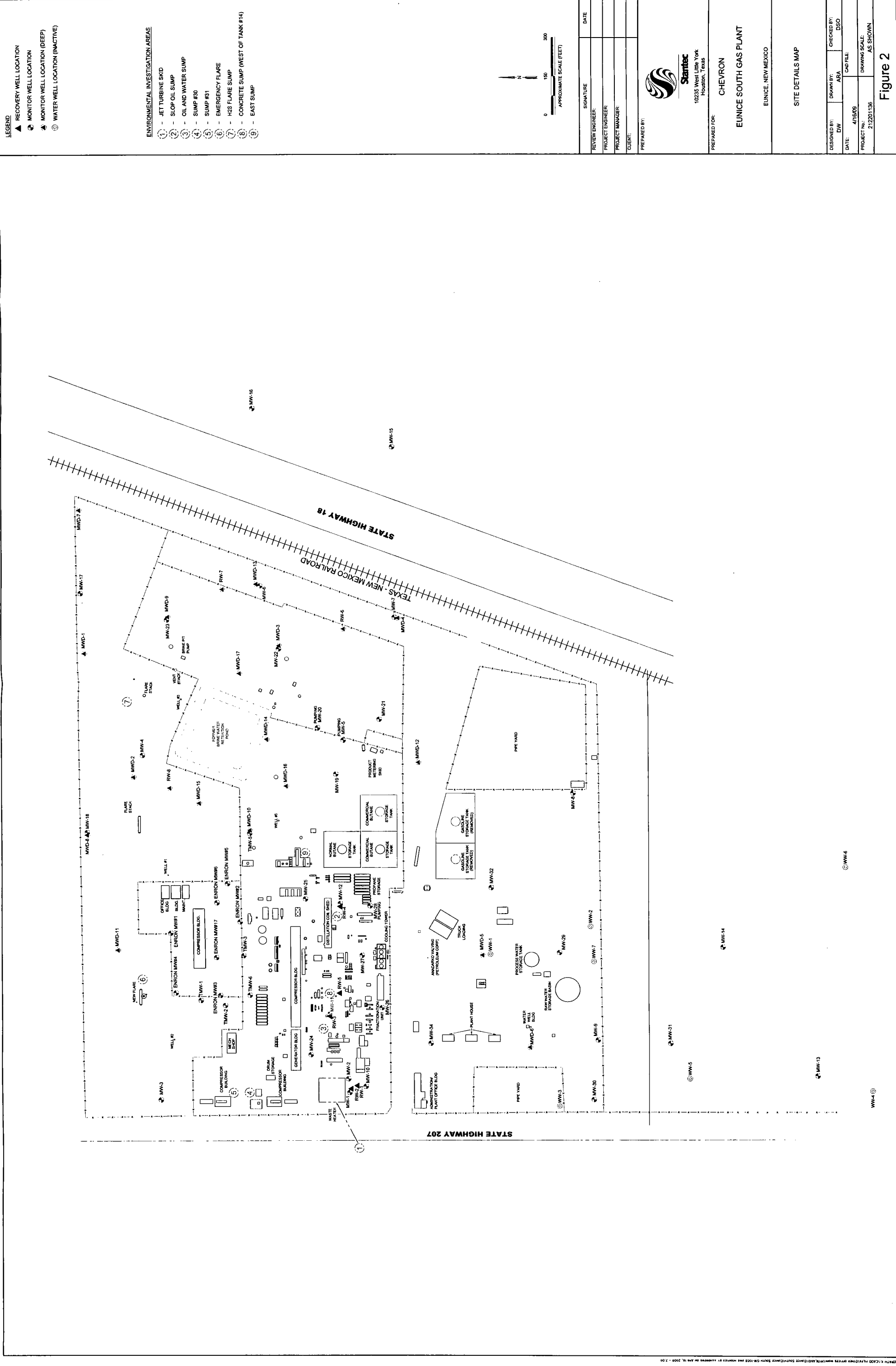


Figure 2



CHEVRON
EUNICE SOUTH GAS PLANT
EUNICE, NEW MEXICO

SITE DETAILS MAP

DESIGNED BY:	DW	DRAWN BY:	ARA	CHECKED BY:	DSO
DATE:	4/16/09	CAD FILE:			
PROJECT No.:	212201136	DRAWING SCALE:	AS SHOWN		

REVIEW ENGINEER:	SIGNATURE	DATE
PROJECT ENGINEER:		
PROJECT MANAGER:		
CLIENT:		
PREPARED BY:		

FIGURE 2A
GEOLOGIC CROSS-SECTION

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

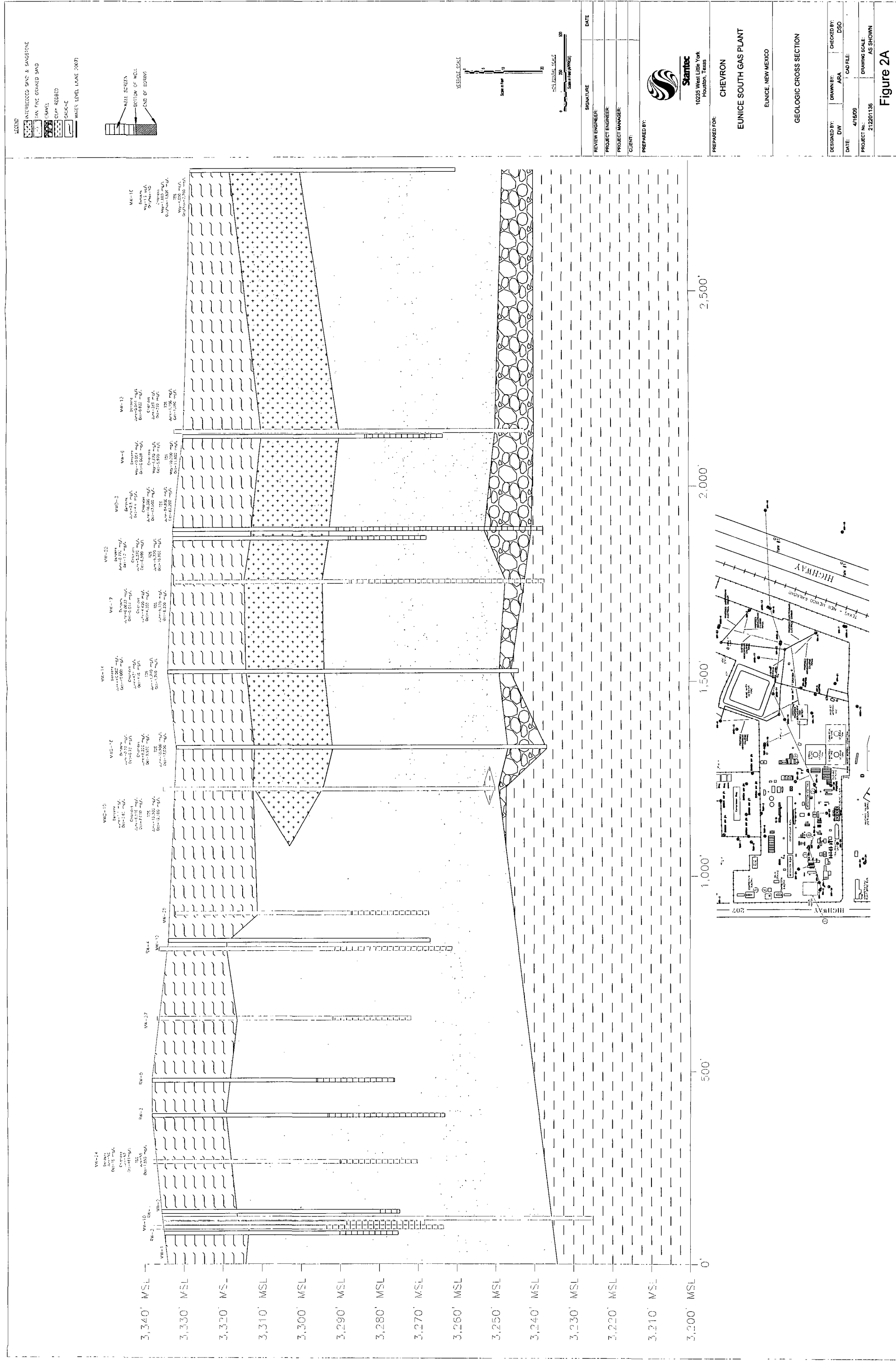


Figure 2A

FIGURE 3
MAY/JUNE 2008 POTENTIOMETRIC SURFACE
SHALLOW WELLS MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

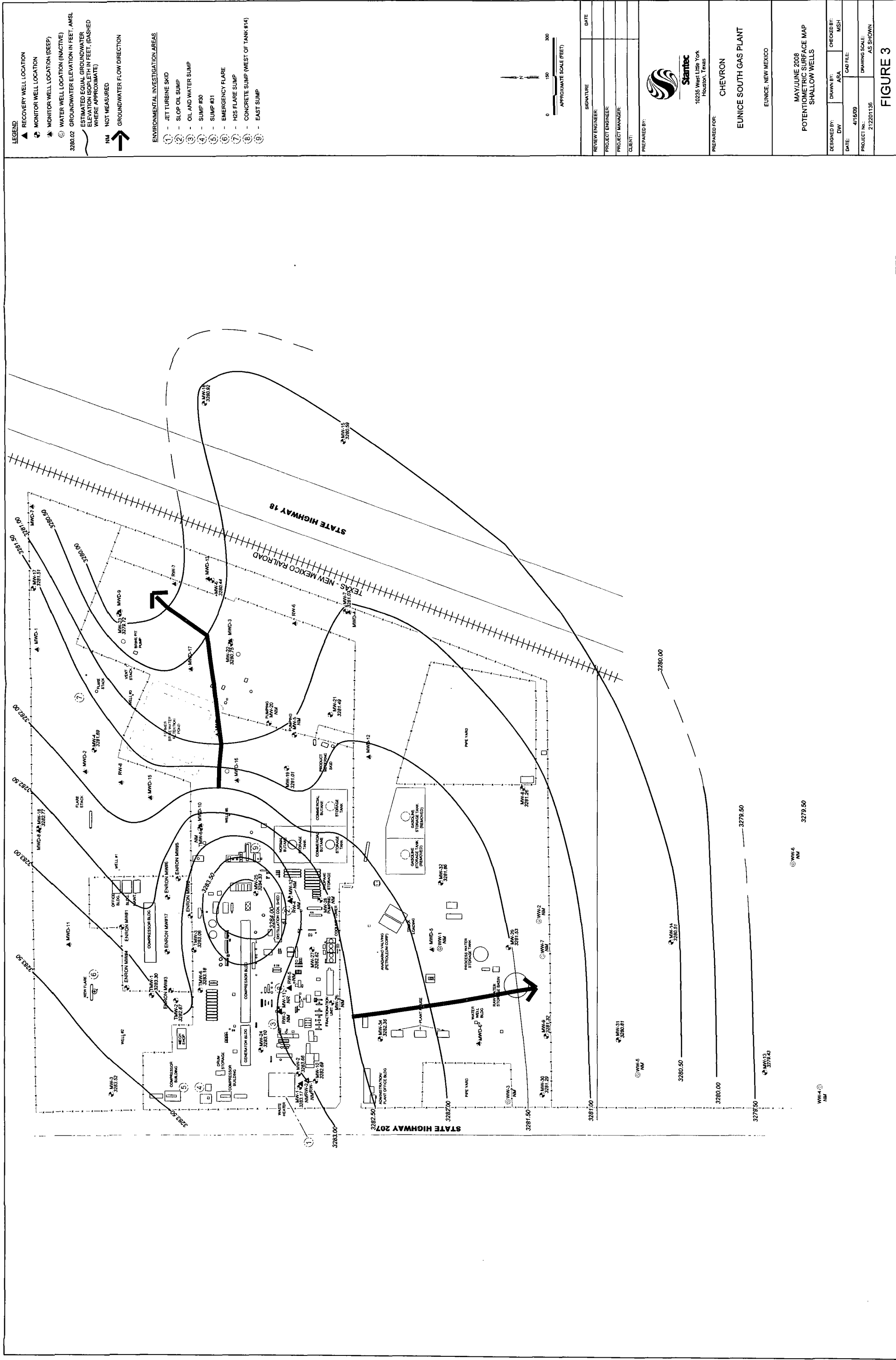


FIGURE 3

FIGURE 4
MAY/JUNE 2008 POTENTIOMETRIC SURFACE DEEP
WELLS MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

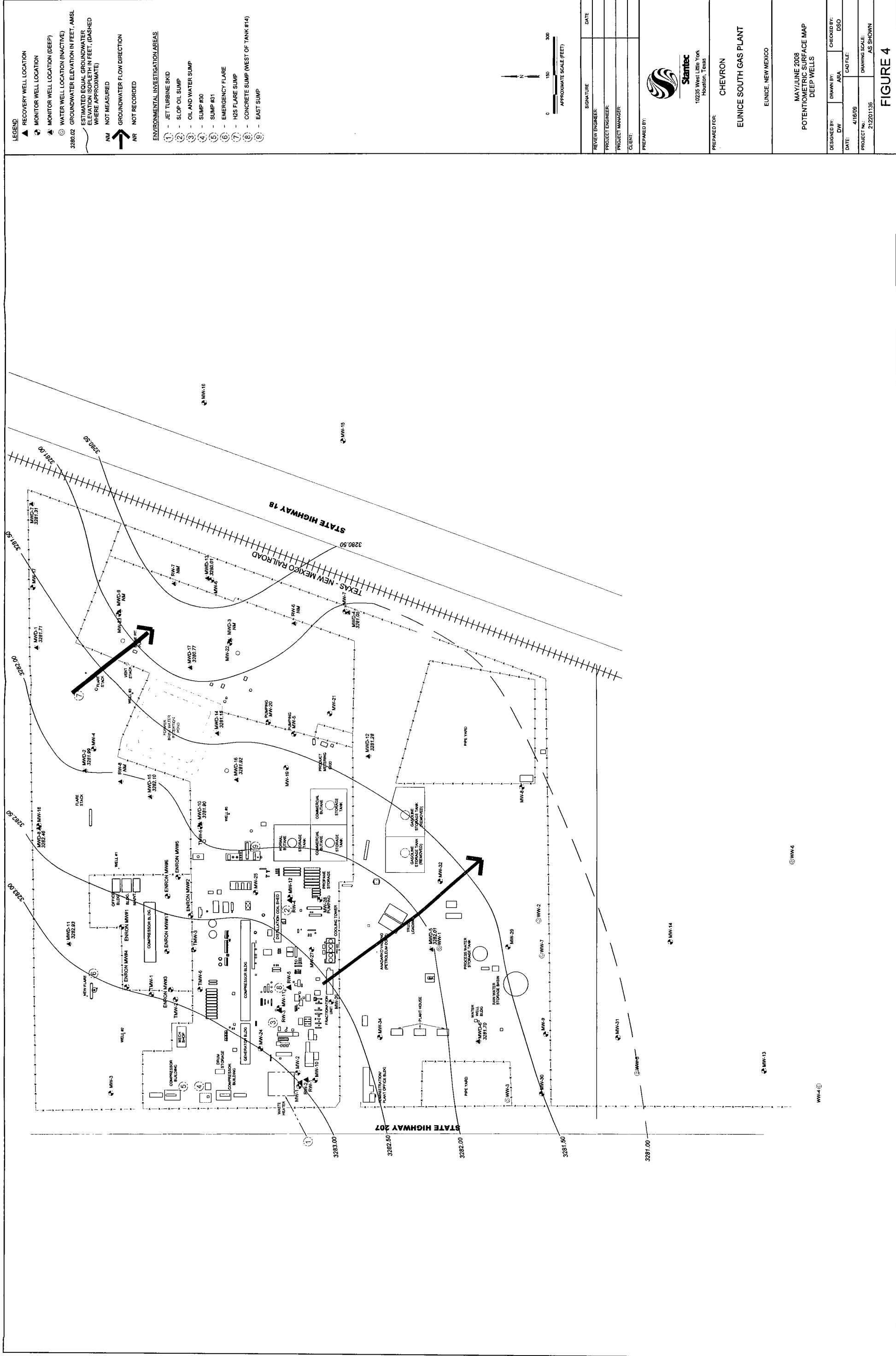


FIGURE 4

FIGURE 5
OCTOBER 2008 POTENTIOMETRIC SURFACE
SHALLOW WELLS MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

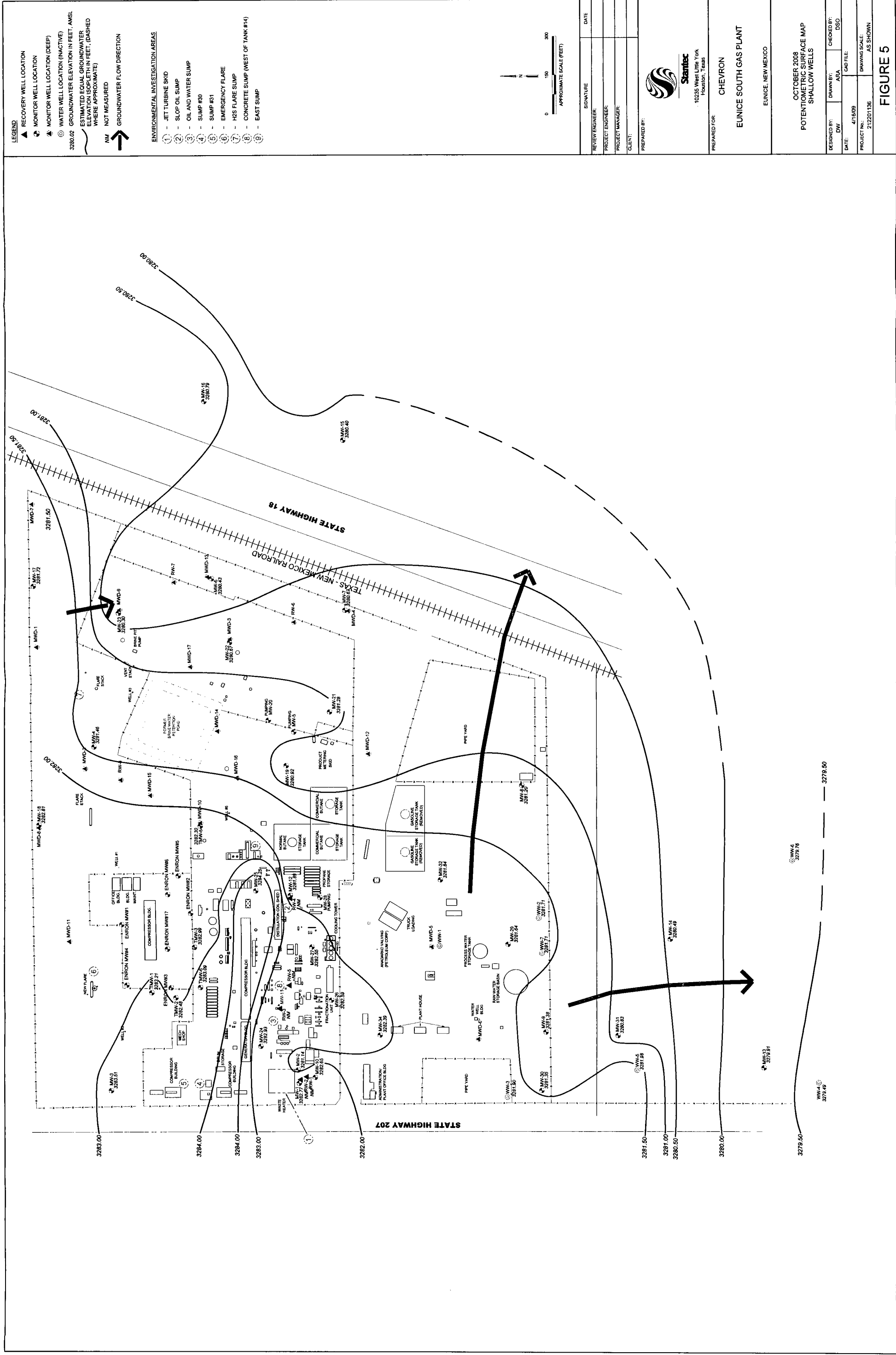


FIGURE 6
OCTOBER 2008 POTENTIOMETRIC SURFACE DEEP
WELLS MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

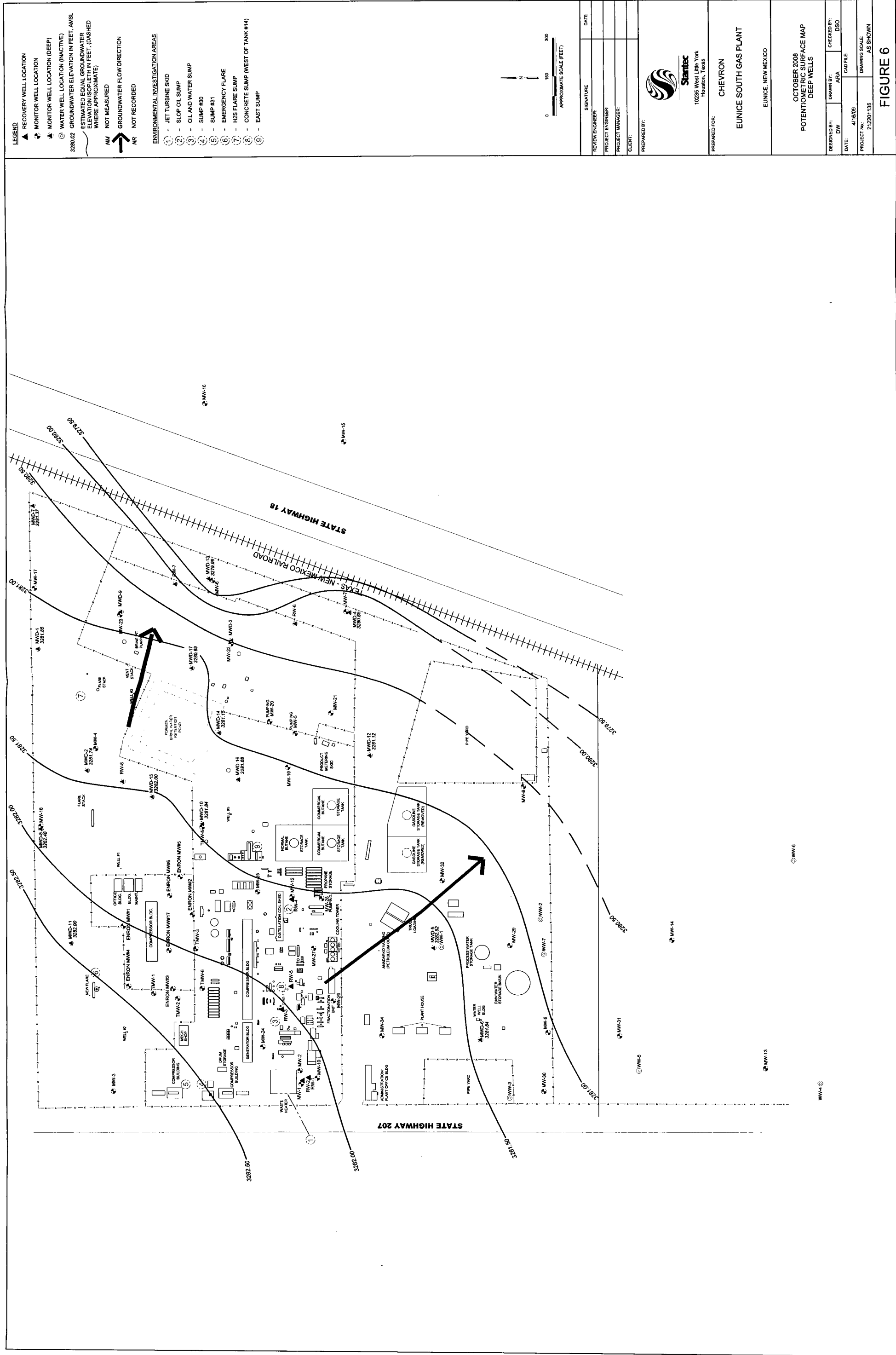


FIGURE 7
MAY/JUNE 2008 BENZENE SHALLOW WELLS
ISOPLETH MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

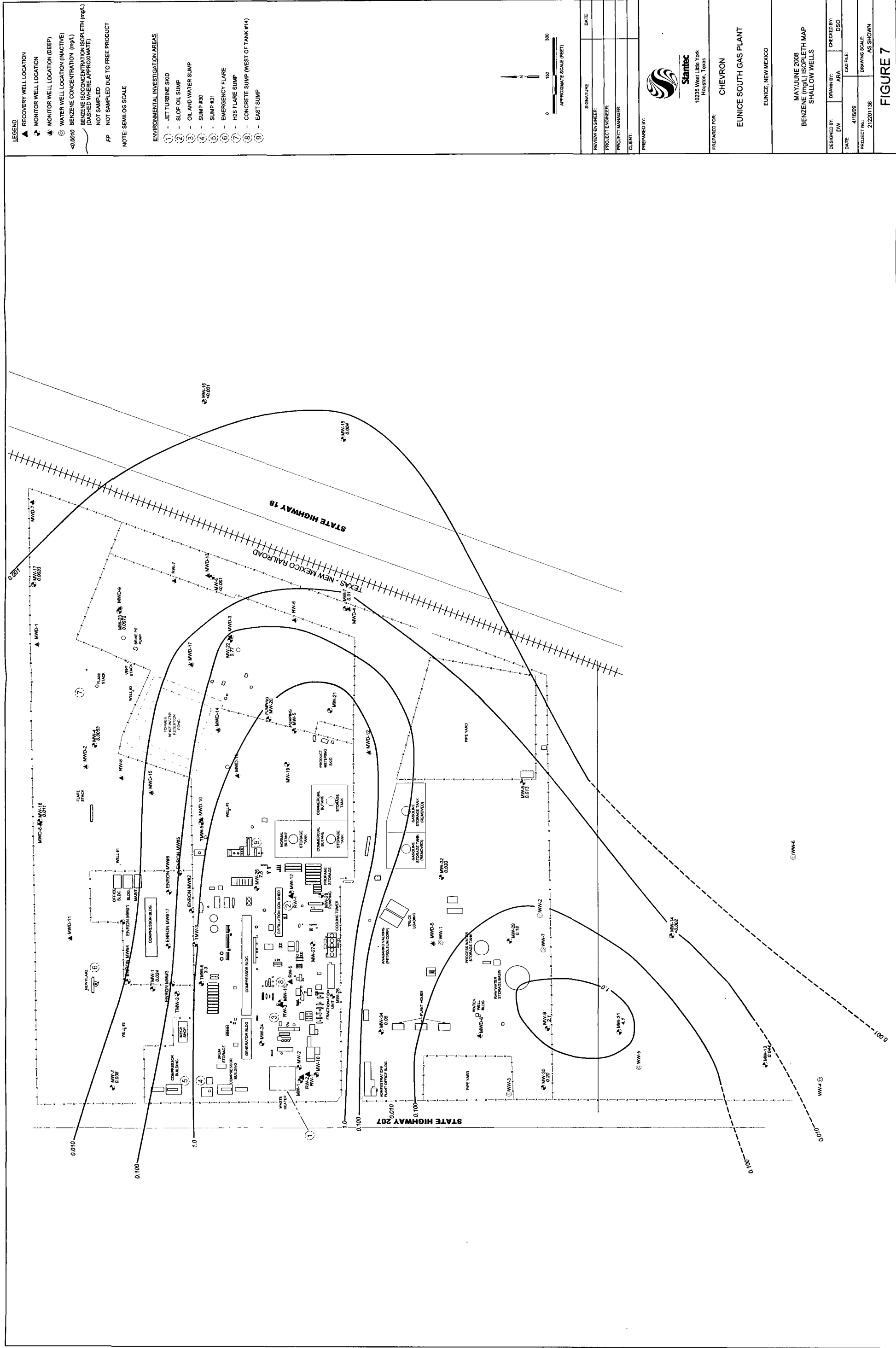


FIGURE 8
MAY/JUNE 2008 BENZENE DEEP WELLS ISOPLETH
MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

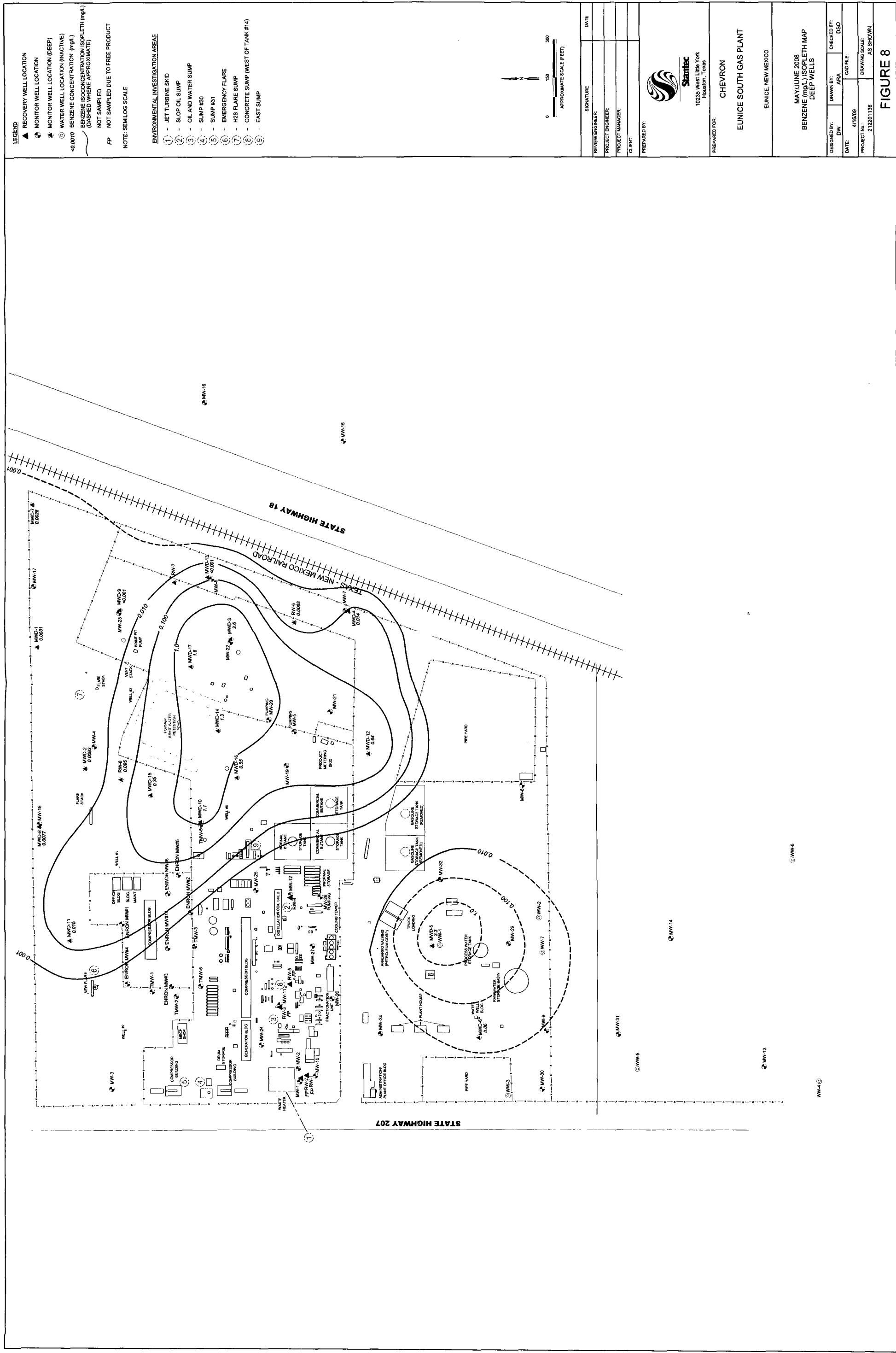


FIGURE 9
OCTOBER 2008 BENZENE SHALLOW WELLS ISOPLETH
MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant



FIGURE 10
OCTOBER 2008 BENZENE DEEP WELLS ISOPLETH
MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant



FIGURE 11
MAY/JUNE 2008 CHLORIDE SHALLOW WELL ISOPLETH
MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

Figure 11

FIGURE 12
MAY/JUNE 2008 CHLORIDE DEEP WELL ISOPLETH
MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

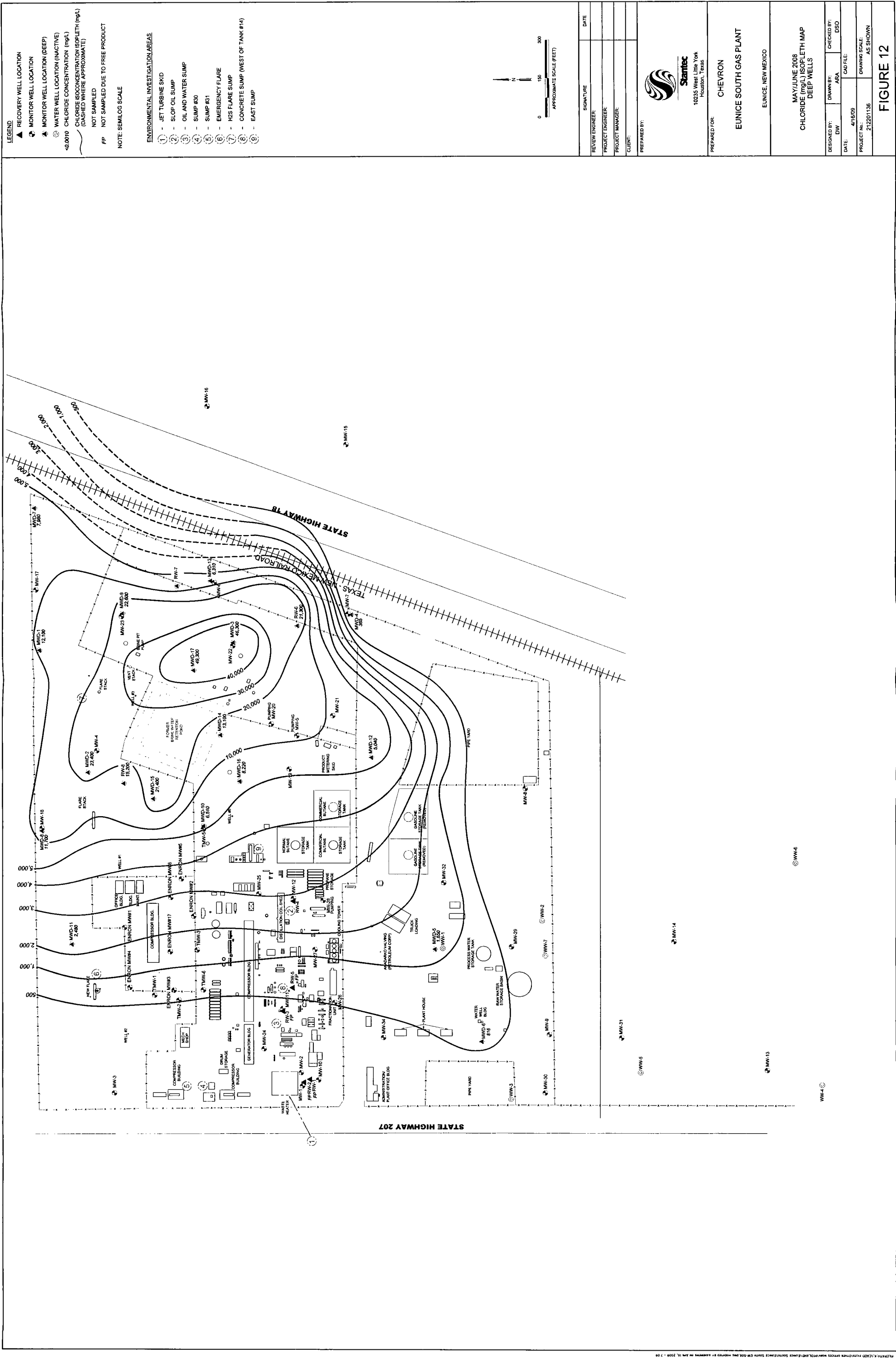


FIGURE 12

FIGURE 13
OCTOBER 2008 CHLORIDE SHALLOW WELL ISOPLETH
MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

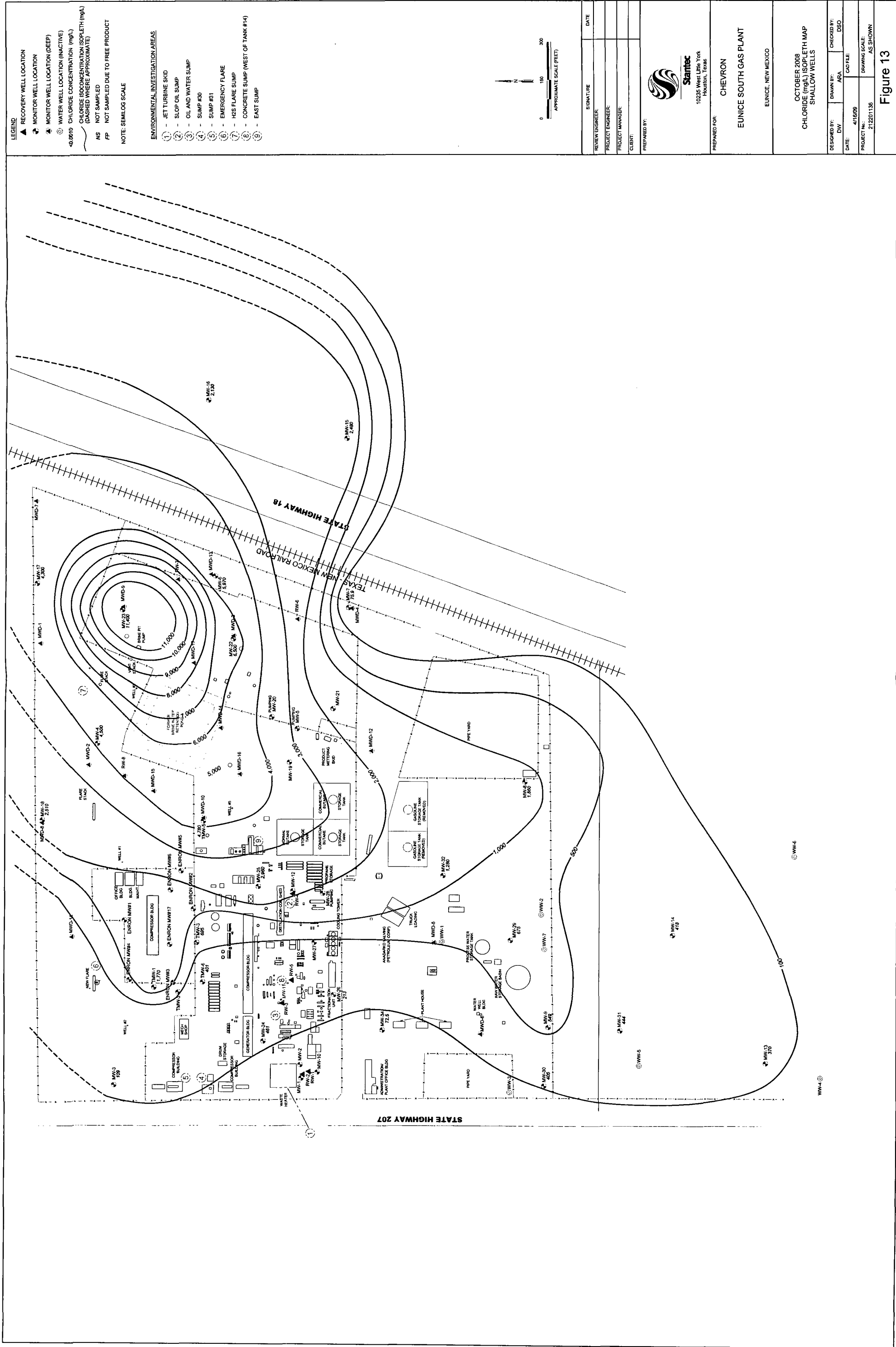


FIGURE 14
OCTOBER 2008 CHLORIDE DEEP WELL ISOPLETH MAP

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

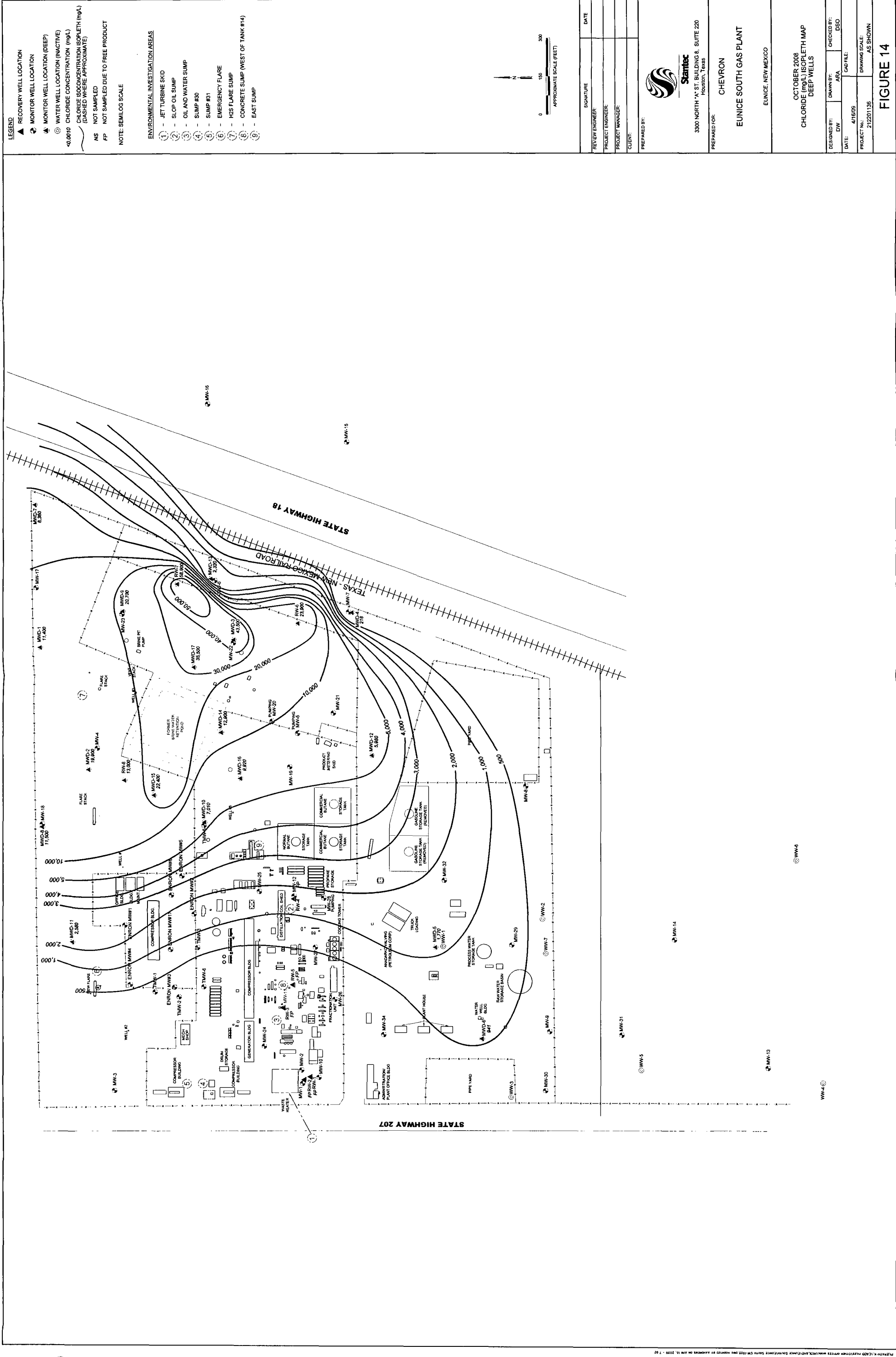


TABLE 1
CUMULATIVE GROUNDWATER MEASUREMENT DATA

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

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

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

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

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

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

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

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

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-4	05/28/97	3333.25	51.53	51.53	3281.72	3281.72	0.00
	12/07/98	3333.25	51.73	51.73	3281.52	3281.52	0.00
	08/23/00	3333.25	51.64	51.64	3281.61	3281.61	0.00
	03/22/01	3333.25	51.34	51.34	3281.91	3281.91	0.00
	10/16/01	3333.25	50.40	50.40	3282.85	3282.85	0.00
	04/15/02	3333.25	51.54	51.54	3281.71	3281.71	0.00
	09/13/02	3333.25	51.51	51.51	3281.74	3281.74	0.00
	04/24/03	3333.25	51.23	51.23	3282.02	3282.02	0.00
	10/23/03	3333.25	51.34	51.34	3281.91	3281.91	0.00
	01/12/03	3333.25	51.36	51.36	3281.89	3281.89	0.00
	02/03/04	3333.25	51.41	51.41	3281.84	3281.84	0.00
	02/09/04	3333.25	51.44	51.44	3281.81	3281.81	0.00
	02/16/04	3333.25	51.51	51.51	3281.74	3281.74	0.00
	02/20/04	3333.25	51.52	51.52	3281.73	3281.73	0.00
	03/10/04	3333.25	51.62	51.62	3281.63	3281.63	0.00
	03/22/04	3333.25	51.67	51.67	3281.58	3281.58	0.00
	04/06/04	3333.25	51.71	51.71	3281.54	3281.54	0.00
	04/19/04	3333.25	51.77	51.77	3281.48	3281.48	0.00
	04/21/04	3333.25	51.77	51.77	3281.48	3281.48	0.00
	05/12/04	3333.25	51.82	51.82	3281.43	3281.43	0.00
	07/26/04	3333.25	51.94	51.94	3281.31	3281.31	0.00
	11/05/04	3333.25	51.73	51.73	3281.52	3281.52	0.00
	02/14/05	3333.25	51.31	51.31	3281.94	3281.94	0.00
	05/16/05	3333.25	51.43	51.43	3281.82	3281.82	0.00
	06/13/05	3333.25	51.43	51.43	3281.82	3281.82	0.00
	09/11/05	3333.25	51.37	51.37	3281.88	3281.88	0.00
	11/28/05	3333.25	51.11	51.11	3282.14	3282.14	0.00
	02/24/06	3333.25	51.11	51.11	3282.14	3282.14	0.00
	05/01/06	3333.25	51.96	51.96	3281.29	3281.29	0.00
	08/08/06	3333.25	51.38	51.38	3281.87	3281.87	0.00
	10/31/06	3333.25	51.35	51.35	3281.90	3281.90	0.00
	05/29/07	3333.25	NR	51.73	3281.52	3281.52	NR
	11/01/07	3333.25	NR	51.89	3281.36	3281.36	NR
	06/03/08	3333.25	NR	51.56	3281.69	3281.69	NR
	10/21/08	3333.25	NR	51.79	3281.46	3281.46	NR

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

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

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

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

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

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

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

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

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-9	05/28/97	3334.73	53.93	53.93	3280.80	3280.80	0.00
	12/07/98	3334.73	54.12	54.12	3280.61	3280.61	0.00
	08/23/00	3334.73	53.27	53.27	3281.46	3281.46	0.00
	03/22/01	3334.73	53.91	53.91	3280.82	3280.82	0.00
	10/16/01	3334.73	52.68	52.68	3282.05	3282.05	0.00
	04/15/02	3334.73	54.04	54.04	3280.69	3280.69	0.00
	09/13/02	3334.73	54.06	54.06	3280.67	3280.67	0.00
	04/30/03	3334.73	54.03	54.03	3280.70	3280.70	0.00
	10/28/03	3334.73	54.11	54.11	3280.62	3280.62	0.00
	02/20/04	3334.73	54.15	54.15	3280.58	3280.58	0.00
	04/06/04	3334.73	54.11	54.11	3280.62	3280.62	0.00
	04/19/04	3334.73	54.08	54.08	3280.65	3280.65	0.00
	04/26/04	3334.73	54.08	54.08	3280.65	3280.65	0.00
	07/26/04	3334.73	54.13	54.13	3280.60	3280.60	0.00
	11/09/04	3334.73	53.81	53.81	3280.92	3280.92	0.00
	02/14/05	3334.73	53.54	53.54	3281.19	3281.19	0.00
	05/16/05	3334.73	53.56	53.56	3281.17	3281.17	0.00
	09/10/05	3334.73	53.44	53.44	3281.29	3281.29	0.00
	11/28/05	3334.73	53.36	53.36	3281.37	3281.37	0.00
	02/24/06	3334.73	53.41	53.41	3281.32	3281.32	0.00
	05/01/06	3334.73	53.42	53.42	3281.31	3281.31	0.00
	08/07/06	3334.73	53.46	53.46	3281.27	3281.27	0.00
	10/31/06	3334.73	53.48	53.48	3281.25	3281.25	0.00
	05/31/07	3334.73	NR	53.30	3281.43	3281.43	NR
	11/05/07	3334.73	NR	53.32	3281.41	3281.41	NR
	06/04/08	3334.73	NR	53.41	3281.32	3281.32	NR
	10/21/08	3334.73	NR	53.35	3281.38	3281.38	NR

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

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

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

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

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

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

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-13	12/07/98	3336.15	56.84	56.84	3279.31	3279.31	0.00
	08/23/00	3336.15	56.72	56.72	3279.43	3279.43	0.00
	03/22/01	3336.15	56.68	56.68	3279.47	3279.47	0.00
	10/16/01	3336.15	55.60	55.60	3280.55	3280.55	0.00
	04/15/02	3336.15	56.77	56.77	3279.38	3279.38	0.00
	09/13/02	3336.15	56.79	56.79	3279.36	3279.36	0.00
	04/21/03	3336.15	56.77	56.77	3279.38	3279.38	0.00
	10/21/03	3336.15	56.81	56.81	3279.34	3279.34	0.00
	02/20/04	3336.15	56.82	56.82	3279.33	3279.33	0.00
	04/06/04	3336.15	56.77	56.77	3279.38	3279.38	0.00
	04/19/04	3336.15	56.79	56.79	3279.36	3279.36	0.00
	04/20/04	3336.15	56.79	56.79	3279.36	3279.36	0.00
	07/26/04	3336.15	56.84	56.84	3279.31	3279.31	0.00
	11/03/04	3336.15	56.84	56.84	3279.31	3279.31	0.00
	02/14/05	3336.15	56.56	56.56	3279.59	3279.59	0.00
	05/16/05	3336.15	56.51	56.51	3279.64	3279.64	0.00
	09/09/05	3336.15	56.48	56.48	3279.67	3279.67	0.00
	11/28/05	3336.15	56.40	56.40	3279.75	3279.75	0.00
	02/24/06	3336.15	56.39	56.39	3279.76	3279.76	0.00
	05/01/06	3336.15	56.31	56.31	3279.84	3279.84	0.00
	08/08/06	3336.15	56.37	56.37	3279.78	3279.78	0.00
	10/31/06	3336.15	56.32	56.32	3279.83	3279.83	0.00
	05/24/07	3336.15	NR	56.30	3279.85	3279.85	NR
	10/30/07	3336.15	NR	56.29	3279.86	3279.86	NR
	06/02/08	3336.15	NR	56.72	3279.43	3279.43	NR
	10/21/08	3336.15	NR	56.24	3279.91	3279.91	NR

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

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

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

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

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

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

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

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

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

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

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-19	08/23/00	3334.21	52.44	52.44	3281.77	3281.77	0.00
	03/22/01	3334.21	52.26	52.26	3281.95	3281.95	0.00
	10/16/01	3334.21	51.42	51.42	3282.79	3282.79	0.00
	04/15/02	3334.21	52.64	52.64	3281.57	3281.57	0.00
	09/13/02	3334.21	52.50	52.50	3281.71	3281.71	0.00
	04/22/03	3334.21	52.29	52.29	3281.92	3281.92	0.00
	10/22/03	3334.21	52.57	52.57	3281.64	3281.64	0.00
	01/12/04	3334.21	52.60	52.60	3281.61	3281.61	0.00
	02/03/04	3334.21	52.62	52.62	3281.59	3281.59	0.00
	02/09/04	3334.21	52.65	52.65	3281.56	3281.56	0.00
	02/16/04	3334.21	52.68	52.68	3281.53	3281.53	0.00
	02/20/04	3334.21	52.69	52.69	3281.52	3281.52	0.00
	03/10/04	3334.21	52.72	52.72	3281.49	3281.49	0.00
	03/22/04	3334.21	52.75	52.75	3281.46	3281.46	0.00
	04/06/04	3334.21	52.79	52.79	3281.42	3281.42	0.00
	04/19/04	3334.21	52.79	52.79	3281.42	3281.42	0.00
	04/22/04	3334.21	52.79	52.79	3281.42	3281.42	0.00
	05/12/04	3334.21	52.71	52.71	3281.50	3281.50	0.00
	07/26/04	3334.21	52.86	52.86	3281.35	3281.35	0.00
	11/09/04	3334.21	52.04	52.04	3282.17	3282.17	0.00
	02/14/05	3334.21	51.67	51.71	3282.50	3282.50	0.04
	05/16/05	3334.21	51.96	52.12	3282.09	3282.09	0.16
	09/10/05	3334.21	----	----	----	----	----
	11/28/05	3334.21	51.47	51.86	3282.74	3282.74	0.39
	02/24/06	3334.21	51.68	52.21	3282.00	3282.00	0.53
	05/01/06	3334.21	51.97	52.60	3281.61	3281.61	0.63
	08/08/06	3334.21	52.22	52.26	3281.95	3281.95	0.04
	10/31/06	3334.21	52.12	52.12	3282.09	3282.09	0.00
	05/25/07	3334.21	52.30	52.65	3281.56	3281.56	0.35
	10/26/07	3334.21	52.57	51.82	3282.39	3282.39	0.75
	06/05/08	3334.21	52.23	53.20	3281.01	3281.01	0.97
	10/21/08	3334.21	52.31	53.29	3280.92	3280.92	0.98

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-20	08/23/00	3334.06	50.00	52.65	3281.41	3281.41	2.65
	03/22/01	3334.06	52.16	52.20	3281.86	3281.86	0.04
	10/16/01	3334.06	Pump	Pump	-	-	-
	04/15/02	3334.06	Pump	Pump	-	-	-
	09/13/02	3334.06	Pump	Pump	-	-	-
	04/21/03	3334.06	Pump	Pump	-	-	-
	10/20/03	3334.06	Pump	Pump	-	-	-
	01/12/04	3334.06	Pump	Pump	-	-	-
	02/03/04	3334.06	Pump	Pump	-	-	-
	02/09/04	3334.06	Pump	Pump	-	-	-
	02/16/04	3334.06	Pump	Pump	-	-	-
	02/20/04	3334.06	Pump	Pump	-	-	-
	03/10/04	3334.06	Pump	Pump	-	-	-
	03/22/04	3334.06	Pump	Pump	-	-	-
	04/06/04	3334.06	Pump	Pump	-	-	-
	04/19/04	3334.06	Pump	Pump	-	-	-
	07/26/04	3334.06	Pump	Pump	-	-	-
	11/02/04	3334.06	Pump	Pump	-	-	-
	02/14/05	3334.06	Pump	Pump	-	-	-
	05/16/05	3334.06	Pump	Pump	-	-	-
	09/09/05	3334.06	Pump	Pump	-	-	-
	11/28/05	3334.06	Pump	Pump	-	-	-
	02/24/06	3334.06	Pump	Pump	-	-	-
	05/01/06	3334.06	Pump	Pump	-	-	-
	08/08/06	3334.06	Pump	Pump	-	-	-
	11/01/06	3334.06	Pump	Pump	-	-	-
	10/21/08	3334.06	Pump	Pump	-	-	-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Tab 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-8	04/15/02	3335.97	54.22	54.22	3281.75	3281.75	0.00
	09/13/02	3335.97	54.19	54.19	3281.78	3281.78	0.00
	04/23/03	3335.97	53.96	53.96	3282.01	3282.01	0.00
	10/23/03	3335.97	53.98	53.98	3281.99	3281.99	0.00
	01/12/04	3335.97	53.96	53.96	3282.01	3282.01	0.00
	02/03/04	3335.97	53.97	53.97	3282.00	3282.00	0.00
	02/09/04	3335.97	53.96	53.96	3282.01	3282.01	0.00
	02/16/04	3335.97	53.97	53.97	3282.00	3282.00	0.00
	02/20/04	3335.97	54.01	54.01	3281.96	3281.96	0.00
	03/10/04	3335.97	54.01	54.01	3281.96	3281.96	0.00
	03/22/04	3335.97	54.04	54.04	3281.93	3281.93	0.00
	04/06/04	3335.97	54.05	54.05	3281.92	3281.92	0.00
	04/19/04	3335.97	54.08	54.08	3281.89	3281.89	0.00
	04/21/04	3335.97	54.08	54.08	3281.89	3281.89	0.00
	05/12/04	3335.97	54.08	54.08	3281.89	3281.89	0.00
	07/26/04	3335.97	54.12	54.12	3281.85	3281.85	0.00
	11/03/04	3335.97	54.04	54.04	3281.93	3281.93	0.00
	02/14/05	3335.97	53.69	53.69	3282.28	3282.28	0.00
	05/16/05	3335.97	53.65	53.65	3282.32	3282.32	0.00
	09/11/05	3335.97	53.61	53.61	3282.36	3282.36	0.00
	11/28/05	3335.97	53.48	53.48	3282.49	3282.49	0.00
	02/24/06	3335.97	53.42	53.42	3282.55	3282.55	0.00
	05/02/06	3335.97	53.58	53.58	3282.39	3282.39	0.00
	08/08/06	3335.97	53.60	53.60	3282.37	3282.37	0.00
	10/31/06	3335.97	53.53	53.53	3282.44	3282.44	0.00
	05/29/07	3335.97	NR	53.57	3282.40	3282.40	NR
	11/01/07	3335.97	NR	53.49	3282.48	3282.48	NR
	06/02/08	3335.97	NR	53.51	3282.46	3282.46	NR
	10/21/08	3335.97	NR	53.49	3282.48	3282.48	NR

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

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

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

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

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWWD-11	04/15/02	3338.24	56.39	56.39	3281.85	3281.85	0.00
	09/13/02	3338.24	56.33	56.33	3281.91	3281.91	0.00
	04/22/03	3338.24	56.14	56.14	3282.10	3282.10	0.00
	10/21/03	3338.24	56.15	56.15	3282.09	3282.09	0.00
	02/20/04	3338.24	56.15	56.15	3282.09	3282.09	0.00
	04/06/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	04/19/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	04/20/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	07/26/04	3338.24	56.13	56.13	3282.11	3282.11	0.00
	11/03/04	3338.24	55.97	55.97	3282.27	3282.27	0.00
	02/14/05	3338.24	55.60	55.60	3282.64	3282.64	0.00
	05/16/05	3338.24	55.57	55.57	3282.67	3282.67	0.00
	09/09/05	3338.24	55.52	55.52	3282.72	3282.72	0.00
	11/28/05	3338.24	55.39	55.39	3282.85	3282.85	0.00
	02/24/06	3338.24	55.32	55.32	3282.92	3282.92	0.00
	05/02/06	3338.24	55.40	55.40	3282.84	3282.84	0.00
	08/08/06	3338.24	55.52	55.52	3282.72	3282.72	0.00
	10/31/06	3338.24	55.42	55.42	3282.82	3282.82	0.00
	05/29/07	3338.24	NR	55.40	3282.84	3282.84	NR
	10/31/07	3338.24	NR	55.26	3282.98	3282.98	NR
	06/02/08	3338.24	NR	55.31	3282.93	3282.93	NR
	10/21/08	3338.24	NR	55.34	3282.90	3282.90	NR

Table 1
Cumulative Groundwater Measurement Data
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Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MWD-12	04/15/02	3334.08	53.13	53.13	3280.95	3280.95	0.00
	09/13/02	3334.08	52.94	52.94	3281.14	3281.14	0.00
	04/24/03	3334.08	52.80	52.80	3281.28	3281.28	0.00
	10/23/03	3334.08	53.00	53.00	3281.08	3281.08	0.00
	01/12/04	3334.08	53.14	53.14	3280.94	3280.94	0.00
	02/03/04	3334.08	53.14	53.14	3280.94	3280.94	0.00
	02/09/04	3334.08	53.15	53.15	3280.93	3280.93	0.00
	02/16/04	3334.08	53.18	53.18	3280.90	3280.90	0.00
	02/20/04	3334.08	53.24	53.24	3280.84	3280.84	0.00
	03/10/04	3334.08	53.19	53.19	3280.89	3280.89	0.00
	03/22/04	3334.08	53.23	53.23	3280.85	3280.85	0.00
	04/06/04	3334.08	53.27	53.27	3280.81	3280.81	0.00
	04/19/04	3334.08	53.22	53.22	3280.86	3280.86	0.00
	04/22/04	3334.08	53.22	53.22	3280.86	3280.86	0.00
	05/12/04	3334.08	53.15	53.15	3280.93	3280.93	0.00
	07/26/04	3334.08	53.30	53.30	3280.78	3280.78	0.00
	11/05/04	3334.08	52.46	52.46	3281.62	3281.62	0.00
	02/14/05	3334.08	53.98	53.98	3280.10	3280.10	0.00
	05/16/05	3334.08	52.36	52.36	3281.72	3281.72	0.00
	09/12/05	3334.08	52.20	52.20	3281.88	3281.88	0.00
	11/28/05	3334.08	51.94	51.94	3282.14	3282.14	0.00
	02/24/06	3334.08	52.22	52.22	3281.86	3281.86	0.00
	05/01/06	3334.08	52.47	52.47	3281.61	3281.61	0.00
	08/07/06	3334.08	52.75	52.75	3281.33	3281.33	0.00
	10/31/06	3334.08	52.71	52.71	3281.37	3281.37	0.00
	05/30/07	3334.08	NR	52.75	3281.33	3281.33	NR
	11/05/07	3334.08	NR	52.37	3281.71	3281.71	NR
	06/04/08	3334.08	NR	52.80	3281.28	3281.28	NR
	10/21/08	3334.08	NR	52.96	3281.12	3281.12	NR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
TMW-3	12/07/95	3336.67	55.95	55.95	3280.72	3280.72	0.00
	06/06/96	3336.67	54.71	54.71	3281.96	3281.96	0.00
	06/02/97	3336.67	54.74	54.74	3281.93	3281.93	0.00
	08/23/00	3336.67	54.65	54.65	3282.02	3282.02	0.00
	03/22/01	3336.67	54.46	54.46	3282.21	3282.21	0.00
	10/16/01	3336.67	53.30	53.30	3283.37	3283.37	0.00
	04/15/02	3336.67	54.61	54.61	3282.06	3282.06	0.00
	09/13/02	3336.67	54.55	54.55	3282.12	3282.12	0.00
	04/28/03	3336.67	54.35	54.35	3282.32	3282.32	0.00
	10/27/03	3336.67	54.45	54.45	3282.22	3282.22	0.00
	02/20/04	3336.67	54.46	54.46	3282.21	3282.21	0.00
	04/06/04	3336.67	54.47	54.47	3282.20	3282.20	0.00
	04/19/04	3336.67	54.42	54.42	3282.25	3282.25	0.00
	04/23/04	3336.67	54.42	54.42	3282.25	3282.25	0.00
	07/26/04	3336.67	54.44	54.44	3282.23	3282.23	0.00
	11/09/04	3336.67	53.96	53.96	3282.71	3282.71	0.00
	02/14/05	3336.67	53.63	53.63	3283.04	3283.04	0.00
	05/16/05	3336.67	53.74	53.74	3282.93	3282.93	0.00
	09/10/05	3336.67	53.60	53.60	3283.07	3283.07	0.00
	11/28/05	3336.67	53.48	53.48	3283.19	3283.19	0.00
	02/24/06	3336.67	53.45	53.45	3283.22	3283.22	0.00
	05/02/06	3336.67	53.62	53.62	3283.05	3283.05	0.00
	08/08/06	3336.67	53.78	53.78	3282.89	3282.89	0.00
	11/01/06	3336.67	53.73	53.73	3282.94	3282.94	0.00
	05/30/07	3336.67	NR	53.52	3283.15	3283.15	NR
	10/26/07		No access due to plant demo work				
	06/04/08	3336.67	NR	53.61	3283.06	3283.06	NR
	10/21/08	3336.67	NR	53.68	3282.99	3282.99	NR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NOTES:

TOC = Top of casing

feet AMSL = feet above mean sea level

PSH = Phase Separated Hydrocarbons

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

NR= Not recorded

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

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

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

Wells with treatment equipment present were not gauged.

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

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

Tak

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	09/10/96	7.37	--	--	--	--	--
	11/10/06	69	19	3	5.7	301	1650
	06/02/08	No access due to plant demo work					
	10/28/08	PSH	PSH	PSH	PSH	PSH	PSH
MW-2	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
MW-3	05/28/97	0.029	--	--	--	430	--
	08/23/00	ND	--	--	--	530	--
	03/22/01	ND	--	--	--	480	--
	10/16/01	0.0065	--	--	--	475	--
	04/15/02	0.0135	--	--	--	448	--
	09/13/02	ND	--	--	--	410	--
	04/22/03	ND	--	--	--	379	--
	10/21/03	ND	--	--	--	378	--
	04/20/04	<0.001	--	--	--	296	--
	11/03/05	<0.001	--	--	--	227	--
	05/16/05	<0.001	--	--	--	200	--
	12/01/05	0.0033	<0.001	<0.001	<0.003	207	791
	05/17/06	0.079	0.0032	0.019	0.016	186	807
	11/06/06	0.02	<0.001	0.011	<0.003	169	784
	05/29/07	<0.001	<0.001	<0.001	<0.003	153	736
	10/31/07	0.062	<0.001	0.015	<0.003	142	721
	06/02/08	0.038	<0.001	0.0087	<0.003	129	739
	10/28/08	0.16	<0.001	0.031	0.0034	109	718
MW-4	05/28/97	0.047	--	--	--	5500	--
	08/23/00	0.052	--	--	--	7100	--
	03/22/01	ND	--	--	--	8200	--
	10/16/01	0.0304	--	--	--	6210	--
	04/15/02	0.0344	--	--	--	8830	--
	09/13/02	0.0213	--	--	--	17300	--
	04/24/03	0.0090	--	--	--	10300	--
	10/23/03	0.0063	--	--	--	4720	--
	02/20/04	0.2300	--	--	--	9490	--
	04/21/04	0.0254	--	--	--	13800	--
	07/26/04	0.0625	--	--	--	8640	--
	11/05/04	0.153	--	--	--	8290	--
	02/14/05	0.0164	--	--	--	9510	--
	05/16/05	<0.001	--	--	--	34700	--
	09/11/05	0.026	<0.001	<0.001	<0.003	7040	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	2160	5170
	02/28/06	0.024	<0.001	<0.001	<0.003	9450	NS
	05/17/06	0.35	0.0085	0.044	0.038	6640	12800
	08/10/06	0.053	<0.001	0.0074	0.0049	7350	--
	11/06/06	0.017	<0.001	0.005	<0.003	5130	10500
	05/29/07	<0.001	<0.001	<0.001	<0.003	5440	8760
	11/01/07	<0.001	<0.001	<0.001	<0.003	4650	9780
	06/03/08	0.0053	<0.001	0.002	<0.003	5310	10200
10/28/08	0.022	0.0011	0.0095	<0.003	4500	9080	
MW-5	05/28/97	--	--	--	--	1500	--
	05/01/07	1.7	--	--	--	NS	--
	11/01/07	--	--	--	--	NS	--
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping

Take

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

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

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

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

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

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

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

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

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

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-24	10/16/01	32.9	--	--	--	102	--
	04/15/02	32.4	--	--	--	92.7	--
	09/13/02	39.7	--	--	--	99.4	--
	04/28/03	37.7	--	--	--	101	--
	10/27/03	26.6	--	--	--	133	--
	04/23/04	23.4	--	--	--	255	--
	11/09/04	18.5	--	--	--	269	--
	05/16/05	12.6	--	--	--	274	--
	12/19/05	15	0.33	0.49	0.66	260	1240
	05/17/06	16	0.11	0.65	0.79	342	1270
	11/09/06	14	0.12	0.66	0.64	355	1280
	05/31/07	17	0.55	0.92	0.87	395	1260
	11/06/07	17	0.22	0.68	0.63	389	1420
	06/05/08	No access due to plant demo work					
MW-25	10/30/08	15	0.075	0.52	0.48	461	1,590
	10/16/01	2.87	--	--	--	1510	--
	04/15/02	2.43	--	--	--	2340	--
	09/13/02	2.61	--	--	--	2040	--
	04/28/03	4.49	--	--	--	2350	--
	10/27/03	2.72	--	--	--	1540	--
	04/23/04	2.76	--	--	--	2000	--
	11/09/04	2.12	--	--	--	3900	--
	05/16/05	3.03	--	--	--	4276	--
	12/14/05	3.4	<0.01	0.28	<0.03	2470	8040
	05/12/06	3.7	<0.005	0.36	0.024	2180	8010
	11/10/06	4.2	0.0068	0.32	0.038	2680	8940
	06/05/08	7.5	0.23	0.52	0.11	2560	6550
	10/30/08	7.3	0.026	0.5	0.13	2,960	6,650
MW-26	10/16/01	7.69	--	--	--	661	--
	04/15/02	6.76	--	--	--	751	--
	09/13/02	7.72	--	--	--	667	--
	04/30/03	7.99	--	--	--	688	--
	10/27/03	5.78	--	--	--	801	--
	04/23/04	6.78	--	--	--	682	--
	11/11/04	6.02	--	--	--	690	--
	05/16/05	3.81	--	--	--	1240	--
	12/14/05	5.4	<0.01	0.17	0.031	732	1730
	05/12/06	3.4	0.061	0.25	0.064	574	1610
	05/01/07	--	--	--	--	--	--
	11/05/07	3.3	0.019	0.35	0.051	644	1680
	06/05/08	No access due to plant demo work					
	10/30/08	6.3	<0.020	0.27	0.1	213	1270
MW-27	10/16/01	7.59	--	--	--	1250	--
	04/15/02	12.8	--	--	--	1050	--
	09/13/02	13.0	--	--	--	818	--
	04/30/03	21.2	--	--	--	815	--
	10/27/03	11.2	--	--	--	1270	--
	04/23/04	14.4	--	--	--	1120	--
	11/11/04	14.1	--	--	--	1070	--
	05/16/05	12.1	--	--	--	1290	--
	12/14/05	7.4	0.25	0.28	<0.3	558	2840
	05/12/06	12	0.17	0.48	<0.3	499	2870
	05/01/07	--	--	--	--	--	--
	11/05/07	13	0.29	0.63	0.37	933	2430
	06/05/08	No access due to plant demo work					
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH

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

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

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

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

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-5	10/16/01	5.85	--	--	--	515	--
	04/15/02	8.83	--	--	--	1140	--
	04/30/03	9.58	--	--	--	1290	--
	10/28/03	8.01	--	--	--	1120	--
	04/26/04	5.82	--	--	--	1200	--
	11/09/04	7.35	--	--	--	1350	--
	05/16/05	9.57	--	--	--	1260	--
	12/13/05	4	0.33	0.38	<0.3	1100	3420
	05/12/06	2.3	0.06	0.33	0.11	1160	3050
	11/01/06	1.3	<0.05	<0.5	<0.015	1260	3860
	05/31/07	3.7	0.13	0.38	0.12	1170	2420
	11/05/07	3.7	0.092	0.31	0.15	1460	2970
	06/04/08	3.3	<0.05	0.27	<0.15	1650	4200
	10/30/08	2.8	0.024	0.29	0.11	1770	4150
MWD-6	10/16/01	0.761	--	--	--	403	--
	04/15/02	0.143	--	--	--	758	--
	09/13/02	0.120	--	--	--	798	--
	04/23/03	0.181	--	--	--	895	--
	10/23/03	0.139	--	--	--	879	--
	04/21/04	0.288	--	--	--	739	--
	11/05/04	0.121	--	--	--	824	--
	05/16/05	0.0165	--	--	--	790	--
	12/13/05	0.019	<0.001	0.0096	0.0034	781	2550
	05/12/06	0.013	<0.001	0.0088	<0.003	943	2670
	11/01/06	0.14	<0.001	0.033	0.0049	805	2680
	05/31/07	0.088	<0.001	0.063	0.0046	740	2030
	11/05/07	0.059	<0.001	0.0073	0.0039	907	2430
	06/04/08	0.06	<0.001	0.018	0.006	816	2600
	10/30/08	0.049	<0.001	0.013	0.0035	941	2490
MWD-7	04/15/02	ND	--	--	--	936	--
	09/13/02	ND	--	--	--	7620	--
	04/22/03	ND	--	--	--	9840	--
	10/22/03	ND	--	--	--	7400	--
	04/21/04	<0.001	--	--	--	8060	--
	11/03/04	<0.001	--	--	--	9610	--
	05/16/05	<0.001	--	--	--	9250	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	8720	15000
	05/10/06	<0.001	<0.001	<0.001	<0.003	6870	13800
	11/03/06	0.0059	<0.001	0.004	<0.003	7990	17000
	05/29/07	<0.001	<0.001	<0.001	<0.003	8130	16300
	11/01/07	<0.001	<0.001	<0.001	<0.003	8720	15000
	06/03/08	0.0028	<0.001	0.0012	<0.003	7980	15200
	10/29/08	0.009	<0.001	0.0051	<0.003	8360	15100
MWD-8	04/15/02	ND	--	--	--	12800	--
	09/13/02	ND	--	--	--	12600	--
	04/23/03	0.0017	--	--	--	14300	--
	10/23/03	ND	--	--	--	11800	--
	04/21/04	<0.001	--	--	--	11400	--
	11/03/04	<0.001	--	--	--	11900	--
	05/16/05	<0.001	--	--	--	27900	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	18000	27900
	05/17/06	0.035	0.002	0.011	0.0096	--	20500
	11/03/06	0.008	<0.001	0.0043	<0.003	12400	20300
	05/29/07	<0.001	<0.001	<0.001	<0.003	4430	8120
	11/01/07	0.0012	<0.001	<0.001	<0.003	15400	23400
	06/02/08	0.0077	<0.001	0.0029	<0.003	11700	22300
	10/28/08	0.029	0.0021	0.010	<0.003	11500	19800

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-9	04/15/02	0.0131	--	--	--	23400	--
	09/13/02	ND	--	--	--	22800	--
	04/25/03	0.0577	--	--	--	23500	--
	10/28/03	ND	--	--	--	29200	--
	02/20/04	<0.001	--	--	--	55300	--
	04/22/04	0.0034	--	--	--	48000	--
	07/26/04	0.0074	--	--	--	45000	--
	11/09/04	0.0334	--	--	--	46400	--
	02/14/05	0.0097	--	--	--	43700	--
	05/16/05	0.0099	--	--	--	81200	--
	09/12/05	0.013	<0.005	<0.005	<0.015	41600	--
	02/28/06	0.0097	<0.001	0.0028	0.0038	34700	--
	05/11/06	0.0064	<0.001	0.002	<0.003	32900	56400
	08/10/06	0.011	<0.001	0.0022	<0.003	28500	--
	05/30/07	0.0075	<0.001	0.0015	<0.003	24200	39800
	10/29/07	0.0055	0.0073	0.001	<0.003	21200	24900
	06/05/08	<0.001	<0.001	<0.001	<0.003	22600	40900
	10/28/08	0.011	0.0015	0.0015	<0.003	20,700	33,200
MWD-10	04/15/02	0.369	--	--	--	7210	--
	09/13/02	0.441	--	--	--	7800	--
	04/23/03	0.637	--	--	--	8250	--
	10/24/03	0.667	--	--	--	9170	--
	02/20/04	0.683	--	--	--	8450	--
	04/23/04	0.686	--	--	--	8530	--
	07/26/04	0.786	--	--	--	9060	--
	11/09/04	0.875	--	--	--	7580	--
	02/14/05	1.16	--	--	--	8610	--
	05/16/05	1.66	--	--	--	9360	--
	09/12/05	1.5	<0.005	0.36	0.027	9390	--
	12/02/05	0.89	<0.01	0.69	0.38	8710	13400
	03/02/06	0.57	<0.001	0.22	0.056	7980	--
	05/11/06	0.3	<0.001	0.11	0.015	7710	14800
	08/10/06	0.47	<0.005	0.15	<0.015	8730	--
	11/09/06	0.6	0.0016	0.15	0.054	7760	13400
	05/30/07	0.290	<0.001	0.024	0.0097	7710	12400
	11/05/07	0.840	<0.001	0.039	<0.015	7240	11900
	06/04/08	1.1	0.0013	0.120	0.019	6510	12300
	10/29/08	0.82	<0.005	0.042	<0.015	7,010	12,100
MWD-11	04/15/02	ND	--	--	--	2580	--
	09/13/02	ND	--	--	--	2700	--
	04/22/03	ND	--	--	--	2760	--
	10/21/03	ND	--	--	--	2050	--
	04/20/04	<0.001	--	--	--	2460	--
	11/03/04	<0.005	--	--	--	3230	--
	05/16/05	<0.001	--	--	--	3200	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	2810	4840
	05/17/06	0.028	0.0014	0.01	0.0087	2650	5040
	11/06/06	0.013	<0.001	0.0073	<0.003	2640	5110
	05/29/07	<0.001	<0.001	<0.001	<0.003	1030	1950
	10/31/07	0.013	0.0016	0.0054	<0.003	2170	4210
	06/02/08	0.015	0.0022	0.0052	<0.003	2480	4790
	10/28/08	0.052	0.0035	0.017	0.0037	2580	5050

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

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

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

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

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

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
TMW-5	12/07/95	0.106	--	--	--	1800	--
	06/06/96	0.388	--	--	--	3250	--
	06/02/97	0.48	--	--	--	4300	--
	08/23/00	0.675	--	--	--	3600	--
	12/19/05	1.4	0.016	0.27	0.039	5420	10300
	11/09/06	1.6	<0.01	0.23	<0.03	4640	8680
	05/31/07	2.1	0.230	0.13	0.035	5350	9220
	11/06/07	3.6	0.210	0.21	0.044	4120	7520
	06/04/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/29/08	1.8	<0.005	0.06	0.017	4,780	7,940
TMW-6	12/07/95	0.015	--	--	--	700	--
	06/06/96	1.11	--	--	--	788	--
	06/02/97	2.10	--	--	--	730	--
	08/23/00	4.68	--	--	--	380	--
	03/22/01	5.93	--	--	--	400	--
	10/16/01	4.76	--	--	--	319	--
	04/15/02	3.73	--	--	--	503	--
	09/13/02	3.62	--	--	--	821	--
	04/28/03	3.63	--	--	--	311	--
	10/27/03	3.88	--	--	--	567	--
	04/23/04	3.66	--	--	--	684	--
	11/09/04	4.17	--	--	--	417	--
	05/16/05	2.79	--	--	--	712	--
	12/13/05	1.3	<0.005	0.23	0.047	535	1640
	05/12/06	1.2	<0.005	0.22	0.067	589	1580
	11/09/06	2	<0.005	0.14	0.065	539	1720
	05/01/07	--	--	--	--	--	--
	06/04/08	3.3	0.0053	0.38	0.19	319	1520
	10/29/08	3.6	<0.01	0.35	0.11	401	1340
WW-1	09/10/96	0.105	--	--	--	--	--
	05/28/97	0.107	--	--	--	--	--
WW-2	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/02/06	0.0011	<0.001	0.0014	<0.003	--	--
WW-3	09/10/96	0.033	--	--	--	--	--
	05/28/97	0.011	--	--	--	--	--
WW-4	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/04/06	0.0017	<0.001	<0.001	<0.003	--	--
WW-5	09/10/96	0.018	--	--	--	--	--
	05/28/97	0.009	--	--	--	--	--
	08/23/00	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/04/06	0.0013	<0.001	<0.001	<0.003	--	--
WW-6	05/28/97	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
	05/04/06	0.0027	<0.001	<0.001	<0.003	--	--
WW-7	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	08/23/00	ND	--	--	--	--	--
	11/29/05	<0.001	<0.001	0.0025	<0.003	--	--
	05/02/06	<0.02	<0.001	0.058	<0.003	--	--

NOTES:

mg/l = milligrams per liter.

BOLD = exceedance of the regulatory standard.

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

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

Pumping = monitor wells were not sampled due to pumping.

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

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

TABLE 3
HISTORICAL GROUNDWATER ANALYTICAL DATA –
RCRA METALS

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

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

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW-1	09/10/96	ND	0.51	ND	ND	--	ND	ND	ND
	11/10/06	0.0274	1.53	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	No access due to plant demo work							
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
MW-2	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH	PSH	PSH
MW-3	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.15	ND	ND	--	ND	ND	ND
	03/22/01	ND	0.14	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.144	ND	ND	--	ND	ND	ND
	04/15/02	ND	0.158	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.193	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.138	ND	ND	--	ND	ND	ND
	10/21/03	ND	0.106	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	0.096	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/03/05	<0.010	<0.010	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.112	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/1/2005	<0.020	0.0901	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.074	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	0.077	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	<0.020	0.0762	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/31/07	<0.020	0.0768	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	<0.020	0.0632	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0698	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-4	05/28/97	ND	0.2	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.15	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	ND	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.144	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.156	ND	0.01	--	ND	ND	ND
	10/23/03	ND	0.0732	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	<0.100	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.072	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/1/2005	<0.020	0.0477	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.0548	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	0.0631	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	5/29/200/	<0.020	0.0525	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.0568	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	<0.020	0.0538	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0391	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MW-5	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
MW-6	05/28/97	ND	0.2	ND	ND	--	ND	ND	ND
	08/23/00	ND	ND	ND	ND	--	ND	ND	ND
	03/22/01	ND	ND	ND	ND	--	ND	ND	ND
	10/16/01	ND	0.047	ND	ND	--	ND	ND	ND
	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.152	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.148	ND	ND	--	ND	ND	ND
	10/23/03	ND	0.092	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.169	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.048	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	11/29/05	<0.020	0.124	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/03/06	0.027	0.0753	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/02/06	<0.100	0.0848	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/23/07	0.0324	0.056	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	0.0239	0.0663	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/08	0.0217	0.0522	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0305	0.0431	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

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

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

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

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

Tafelberg

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

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

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

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

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

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

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

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

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

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

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MWD-8	04/15/02	ND	0.117	ND	0.0114	--	ND	ND	ND
	09/13/02	ND	0.142	ND	0.0136	--	ND	ND	ND
	04/23/03	ND	0.272	ND	0.013	--	ND	ND	ND
	10/23/03	ND	0.168	ND	ND	--	ND	ND	ND
	04/21/04	<0.100	0.181	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/03/04	<0.010	0.13	<0.005	0.011	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.099	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/01/05	<0.020	0.123	<0.005	0.0195	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.114	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/03/06	<0.100	0.109	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/29/07	<0.020	0.0927	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	<0.020	0.101	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	<0.020	0.0913	<0.005	0.0171	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0652	<0.005	0.0155	<0.015	<0.0002	<0.020	<0.005
MWD-9	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/25/03	ND	0.178	ND	ND	--	ND	ND	ND
	10/28/03	ND	0.05	ND	ND	--	ND	ND	ND
	04/22/04	<1.00	<1.00	<0.500	<1.00	--	<0.0002	<1.00	<1.25
	11/09/04	<0.010	<0.100	<0.005	<0.010	--	0.00021	<0.050	<0.0125
	05/16/05	<0.010	0.364	<0.001	0.051	--	<0.0002	<0.010	<0.002
	05/11/06	<0.020	0.0705	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/30/07	0.0323	0.0789	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	0.106	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	<0.020	0.086	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0601	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-10	04/15/02	0.0558	0.436	ND	ND	--	ND	ND	ND
	09/13/02	0.0649	0.678	ND	ND	--	ND	ND	ND
	04/23/03	ND	1.38	ND	ND	--	ND	ND	ND
	10/24/03	ND	1.3	ND	ND	--	ND	ND	ND
	04/23/04	<0.100	1.24	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/09/04	<0.010	0.899	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.822	<0.001	<0.010	--	<0.0002	<0.010	<0.002
	12/02/05	0.0785	0.961	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0593	0.757	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0854	1.11	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.0983	0.507	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0764	0.612	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0743	0.618	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0711	0.575	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-11	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/22/03	ND	0.133	ND	ND	--	ND	ND	ND
	10/21/03	ND	0.104	ND	ND	--	ND	ND	ND
	04/20/04	<0.010	0.109	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/03/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.06	<0.001	0.04	--	<0.0002	<0.010	<0.002
	12/01/05	<0.020	0.105	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/05/06	<0.020	0.0912	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	0.0485	1.21	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/07	<0.020	0.0894	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/31/07	<0.020	0.102	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/02/08	<0.020	<0.102	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	<0.020	0.0791	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-12	04/15/02	ND	0.478	ND	ND	--	ND	ND	ND
	09/13/02	0.0602	0.963	ND	ND	--	ND	ND	ND
	04/24/03	ND	1.35	ND	ND	--	ND	ND	ND
	10/23/03	ND	0.897	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.759	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	0.457	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.549	<0.001	0.043	--	<0.0002	<0.010	<0.002
	12/13/05	0.0503	0.435	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.055	0.434	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/01/06	<0.100	0.411	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/30/07	0.0739	0.483	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0547	0.54	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0513	0.608	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0511	0.497	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005

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

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MWD-13	04/15/02	ND	ND	ND	ND	--	ND	ND	ND
	09/13/02	ND	ND	ND	ND	--	ND	ND	ND
	04/24/03	ND	0.186	ND	0.018	--	ND	ND	ND
	10/24/03	ND	0.181	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.116	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/05/04	<0.010	<0.100	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.037	<0.001	0.028	--	<0.0002	<0.010	<0.002
	11/29/05	0.0337	0.0506	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/03/06	0.0324	0.0524	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/02/06	<0.100	0.0367	<0.025	<0.075	<0.075	<0.0002	<0.020	<0.025
	05/23/07	0.0255	0.0538	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/07	0.0304	0.0355	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/29/08	0.0393	0.043	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/27/08	0.0319	0.0277	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-14	04/15/02	ND	0.163	ND	ND	--	ND	ND	ND
	09/13/02	ND	0.243	ND	ND	--	ND	ND	ND
	04/25/03	ND	0.539	ND	ND	--	ND	ND	ND
	10/24/03	ND	0.402	ND	ND	--	ND	ND	ND
	04/22/04	<0.100	0.344	<0.050	<0.100	--	<0.0002	<0.100	<0.125
	11/09/04	<0.010	0.173	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.193	<0.001	0.017	--	<0.0002	<0.010	<0.002
	12/02/05	0.0507	0.253	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0426	0.17	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	0.0566	0.142	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.064	0.148	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0421	0.215	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0536	0.163	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	0.0541	0.170	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-15	01/11/05	<0.010	0.186	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.655	<0.001	0.017	--	<0.0002	<0.010	<0.002
	12/02/05	0.057	0.883	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.0253	1.5	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	<0.020	2.3	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.056	0.755	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0585	0.641	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	0.0563	0.619	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/28/08	0.0632	0.395	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-16	11/08/04	<0.010	0.337	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.01	<0.001	0.014	--	<0.0002	<0.010	<0.002
	12/02/05	0.032	1.24	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	0.034	1.28	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	0.0227	1.43	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.0287	1.41	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/05/07	0.0291	1.21	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/04/08	0.0369	1.01	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0337	0.869	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
MWD-17	11/08/04	<0.010	0.248	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	0.586	0.013	0.246	--	<0.0002	<0.010	<0.002
	12/02/05	0.0395	1.57	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/11/06	<0.020	0.604	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/06/06	0.0424	0.541	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	0.0759	0.294	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	11/01/07	0.0716	0.287	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/03/08	0.107	0.341	<0.005	<0.015	<0.015	<0.0002	<0.020	0.0052
RW-1	10/28/08	0.218	0.237	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
RW-1	04/15/02	ND	2.66	ND	ND	--	ND	ND	ND
RW-6	05/05/06	<0.020	0.354	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	<0.020	0.458	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	05/30/07	<0.020	0.388	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	0.459	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	<0.020	0.627	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/30/08	<0.020	0.52	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
RW-7	05/05/06	<0.020	0.211	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/08/06	<0.020	0.0703	<0.005	0.0158	<0.015	0.00021	<0.020	<0.005
	05/30/07	<0.020	0.0588	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/07	<0.020	0.0568	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/30/08	<0.020	0.0631	<0.005	<0.015	<0.015	<0.0002	<0.020	0.0059

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

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

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

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMW-6	12/07/95	0.323	1.36	ND	0.0316	--	ND	0.003	ND
	06/06/96	0.0693	1.72	ND	ND	--	ND	ND	ND
	06/02/97	ND	1.3	ND	ND	--	ND	ND	ND
	08/23/00	0.13	2.6	ND	ND	--	ND	ND	ND
	03/22/01	0.143	1.9	ND	ND	--	ND	ND	ND
	10/16/01	0.131	1.98	ND	ND	--	ND	ND	ND
	04/15/02	0.123	1.61	ND	ND	--	ND	ND	ND
	09/13/02	0.126	1.40	ND	ND	--	ND	ND	ND
	04/28/03	0.124	2.51	ND	ND	--	ND	ND	ND
	10/27/03	0.173	1.53	ND	ND	--	ND	ND	ND
	04/23/04	<0.010	1.9	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	0.124	1.45	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.63	0.007	0.09	--	<0.0002	<0.010	<0.002
	12/13/05	0.105	1.61	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.115	1.4	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0978	1.25	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
WW-1	06/04/08	0.0663	0.973	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0757	0.863	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	09/10/96	ND	0.97	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.6	ND	ND	--	ND	ND	1.4
	08/23/00	ND	1.1	ND	ND	--	ND	ND	ND
WW-2	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	0.49	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.6	ND	ND	--	ND	ND	ND
	11/29/05	<0.020	0.367	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/02/06	<0.020	0.166	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-3	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	2	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.8	ND	ND	--	ND	ND	ND
	08/23/00	ND	1.3	ND	ND	--	ND	ND	ND
WW-4	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	ND	ND	ND	--	ND	ND	ND
	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
	11/30/05	<0.020	0.108	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	0.0346	0.281	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-5	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	ND	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.3	ND	ND	--	ND	ND	ND
	08/23/00	ND	2.7	ND	ND	--	ND	ND	ND
	11/30/05	<0.020	2.64	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-6	05/04/06	<0.020	0.139	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	05/28/97	ND	0.3	ND	ND	--	ND	ND	ND
	11/30/05	<0.020	0.0942	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-7	05/04/06	0.0263	0.3	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	05/28/97	ND	0.30	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.42	ND	ND	--	ND	ND	ND
	11/29/05	<0.020	0.698	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005

NOTES:

mg/L = milligrams per liter.

Bold = indicates an exceedance of the regulatory standard.

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

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

Pumping = monitor wells were not sampled due to pumping.

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

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

APPENDIX A
CUMULATIVE GROUNDWATER FIELD PARAMETERS

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-1	11/10/06	0.5	-230.6	7.15	23.78	2.612
MW-3	12/01/05	8.1	8	7.17	21.11	1.365
	05/05/06	0.69	160	7.07	21.13	1.394
	11/06/06	0.46	-61.9	7.13	20.9	1.307
	05/29/07	1.08	165.6	7.08	22.12	4.76
	10/31/07	1.3	54.7	7.08	21.8	1.197
	06/02/08	0.64	-104.7	7.25	24.74	1.166
	10/28/08	0.51	21.6	7.05	23.84	1.173
MW-4	11/09/05	0.19	-59.6	6.5	23.38	18.57
	12/01/05	3.3	-65.2	6.62	21.65	23.57
	02/28/06	0.23	-38.0	6.6	22.7	21.85
	05/05/06	0.09	-34.4	6.64	22.15	21.17
	08/10/06	0.41	-112.9	7.42	21.95	21.00
	11/06/06	0.23	-135.2	6.71	21.57	16.29
	05/29/07	2.13	-49.4	6.66	25.64	17.11
	11/01/07	0.28	-48.9	6.67	21.53	14.61
	06/03/08	0.28	-129.4	6.69	23.48	15.67
	10/28/08	0.11	1.5	6.61	22.81	14.69
MW-6	11/29/05	4	-62.2	6.83	20.81	40.97
	05/03/06	0.16	-33.8	6.89	21.65	39.28
	11/01/06	0.21	-120.3	6.98	20.61	27.88
	05/23/07	2.26	-36.5	7.17	26	22.26
	10/30/07	0.2	-45.9	6.99	21.61	21.595
	05/28/08	0.52	18	7.09	23.98	14.56
	10/27/08	0.18	-19.4	7.03	22.68	19.23

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-7	11/29/05	7.1	-97.1	6.92	20.11	1.294
	05/03/06	0.4	-108.7	6.97	20.74	1.475
	11/02/06	0.29	-127.9	6.95	19.92	1.389
	05/23/07	0.22	-101.8	6.98	21.66	1.34
	10/30/07	0.31	-99.2	6.87	20.46	1.494
	05/28/08	0.24	-73.6	6.96	24.48	1.756
	10/27/08	0.21	-68.0	6.92	21.57	1.869
MW-8	11/29/05	4.1	-68.8	6.86	20.27	6.875
	05/03/06	0.76	-63.4	6.84	20.6	7.42
	11/01/06	0.38	-159.2	6.91	20.24	7.165
	05/23/07	0.42	-63.9	6.82	20.77	7.026
	10/30/07	0.29	-84	6.88	19.66	7.371
	05/28/08	0.32	-38.7	6.86	24.23	7.878
	10/27/08	2.9	-51.2	6.88	20.6	7.683
MW-9	12/13/05	0.24	-126.7	6.98	20.1	2.618
	05/12/06	7.10	229.2	7.7	19.93	1.287
	11/01/06	0.10	-151.9	6.99	20.24	2.734
	05/31/07	0.35	-112.6	6.99	21.22	2.66
	11/05/07	0.49	-141.9	6.86	21.97	2.755
	06/04/08	0.64	-120.4	7.01	24.01	3.025
	10/30/08	0.15	-153	6.82	21.9	2.92
MW-10	11/10/06	0.19	-224.3	7.23	22.18	3.054
	05/31/07	1.32	1.32	7.3	25.94	3.13
	11/06/07	0.49	0.49	7.14	22.19	2.828
MW-11	12/09/05	0.65	-117.9	6.93	21.35	2.681
	05/17/06	2.08	-64.4	6.89	24.37	2.684
	11/10/06	0.23	-235.1	7.12	22.82	2.525
	05/31/07	2.42	-78.9	6.9	29.07	2.747
MW-12	11/10/06	0.14	-305.2	7.42	21.57	7.652

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-13	11/30/05	2.5	-143.6	7.14	21.44	2.07
	05/04/06	0.19	-118.2	7.14	20.78	2.166
	11/06/06	0.2	-169.4	7.21	20.6	2.059
	05/24/07	0.2	-118.2	7.18	21.24	1.961
	10/30/07	0.26	-116.7	7.05	21.76	2.072
	06/02/08	0.78	-125.1	7.17	23.56	2.061
	10/27/08	0.15	-93.7	7.17	22.28	2.162
MW-14	11/30/05	5.7	-27.8	6.94	21.18	2.286
	05/04/06	0.14	11.7	6.93	20.61	2.42
	11/06/06	0.26	53	7.03	20.2	2.296
	05/24/07	1.79	68.3	7.02	22.6	1.089
	10/21/07	0.44	73.7	7.01	19.79	2.975
	06/02/08	0.9	-35.8	7.14	22.33	2.252
	10/28/08	0.21	92.7	6.89	20.1	2.375
MW-15	09/11/05	2.05	123.3	6.52	23.01	9.076
	11/30/05	25.8	116.4	6.71	20.41	8.74
	08/10/06	2.17	16.8	7.41	21.14	9.093
	11/01/06	1.11	130.1	6.77	20.13	8.644
	05/24/07	1.83	137	6.69	21.62	5.53
	10/30/07	0.35	121.2	6.68	21.73	8.207
	5/39/08	0.48	133.2	6.75	23.81	7.841
	10/22/08	0.65	92.5	6.68	21.26	8.66
MW-16	09/11/05	3.23	105.6	6.78	24.77	6.757
	11/30/05	49.4	88.2	6.98	20.77	6.673
	08/10/06	2.16	-16.3	7.73	26.25	4.547
	11/01/06	2.08	107.5	7.05	20.59	6.607
	05/24/07	0.69	138.9	6.95	21.24	4.66
	10/30/07	0.9	128.8	6.93	22.08	6.202
	05/29/08	2	142.7	7.03	24.37	5.58
	10/22/08	1.27	54.7	6.93	22.06	6.579

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-17	09/12/05	0.34	137.7	6.72	22.06	15.76
	12/01/05	9.1	6.2	6.87	20.4	13.2
	02/28/06	0.25	21	6.8	22.54	13.7
	05/10/06	0.73	320.1	6.83	21.44	15.36
	08/09/06	0.91	-66.3	7.51	22.18	15.37
	11/03/06	0.11	35.1	6.92	20.57	14.49
	05/29/07	0.74	81.9	6.71	23.89	15.45
	11/01/07	0.33	73.6	6.93	21.02	13.43
	06/03/08	0.31	-135.6	6.98	22.83	1.3578
	10/29/08	0.28	81.8	6.99	21.83	11.57
MW-18	12/01/05	11.7	-10.6	6.67	20.73	12.47
	05/05/06	0.7	28.5	6.63	20.96	12.06
	11/03/06	0.35	-38.1	6.82	20.95	10.44
	05/29/07	0.4	49.5	6.77	22.53	7.46
	11/01/07	0.98	-10.7	6.76	20.12	9.95
	06/02/08	1.57	-65.8	6.9	24.22	8.278
	10/28/08	0.88	24.1	6.76	22.11	8.755
MW-19	11/09/06	0.24	-224.7	8.03	20.9	11.73
MW-21	12/19/05	0.27	-125	7.06	20.22	7.973
	11/08/06	0.33	-159.4	7.1	20.64	6.443
	11/06/07	0.74	-115.6	7.13	20.34	5.151
MW-22	10/02/05	2.5	-129	7.23	20.74	8.6
	05/11/06	3.16	257.7	6.75	16.69	16.35
	11/06/06	0.3	-145.4	7.33	20.71	18.3
	05/30/07	1.48	-97.1	7.3	22.62	16.94
	11/01/07	0.39	-119.2	7.2	21.36	7.15
	06/03/08	0.39	-171.1	7.31	22.85	15.808
	10/29/08	0.2	-109	6.71	26.13	18.3

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-23	12/01/05	6.5	114.5	6.52	20.38	17.82
	05/11/06	2.69	231.6	6.7	17.58	15.32
	11/06/06	0.35	-4.4	6.65	20.76	20.33
	05/30/07	0.58	125.1	6.52	22.11	22.86
	11/01/07	0.48	200.2	6.59	21.39	21.78
	06/03/08	0.45	-96	6.7	23.89	23.954
	10/28/08	0.99	94	6.28	21.34	29.1
MW-24	12/19/05	0.61	-143.6	7.1	21.64	2.054
	05/17/06	0.72	-114.5	7.03	22.55	2.391
	11/09/06	0.27	-145.4	7.16	22.43	2.278
	05/31/07	1.44	-109.7	7.08	24.21	2.398
	11/06/07	0.6	-138.3	7.08	21.51	2.368
	10/30/08	0.19	-92.9	6.87	22.54	2.544
MW-25	12/14/05	0.16	-284.2	7.7	21.4	11.5
	05/12/06	0.19	-371.4	7.77	22.8	12.21
	11/10/06	0.19	-355.8	7.76	21.66	11.64
	06/05/08	0.73	-269	7.54	21.71	10.663
	10/30/08	0.14	-109.7	7.57	23.41	9.767
MW-26	12/14/05	0.52	-171.1	7.11	21.04	3.114
	05/12/06	0.8	-270.4	7.14	26.9	2.554
	11/05/07	0.5	-119	7	24.56	2.073
	10/30/08	0.25	-124.8	7.22	25.31	2.172
MW-27	12/14/05	0.17	-349	8.26	20.58	4.704
	05/12/06	0.83	-395	8.35	22.3	4.8
	11/05/07	0.66	-310.8	8.24	23.28	4.602

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-29	11/29/05	2.8	-115.3	6.92	19.79	2.503
	05/02/06	0.67	-122.2	6.99	23.9	2.865
	11/02/06	0.19	-183.2	7.02	19.63	2.911
	05/23/07	0.23	-127.8	6.96	19.91	2.812
	10/29/07	0.16	-132.3	6.94	20.75	3.23
	05/28/08	0.34	-50.8	6.91	21.84	3.555
	10/22/08	0.19	-115.2	7.03	21.04	3.454
MW-30	11/29/05	3.2	-140.7	7.1	19.89	2.161
	05/02/06	0.61	-127	7.09	20.11	2.24
	11/01/06	0.14	-129	7.14	20.14	2.157
	05/23/07	0.23	-133.2	7.09	20.15	2.023
	10/29/07	0.2	-147.3	7.04	21.34	2.25
	05/28/08	0.41	-42.9	7.01	22.48	2.395
	10/22/08	0.22	-118.3	7.09	21.71	2.463
MW-31	11/30/05	1.8	-145.7	7.06	20.81	2.093
	05/04/06	0.09	-144.8	7.1	20.51	2.201
	11/06/06	0.21	-205.9	7.13	19.9	2.213
	05/24/07	1.65	-113.8	7.11	22.53	2.185
	10/31/07	0.28	-149.8	7.03	20.18	2.287
	06/02/08	0.54	-161.5	7.05	22.46	2.268
	10/28/08	0.27	-74.4	6.93	19.66	2.462
MW-32	02/28/06	0.4	104.1	7.07	20.5	5.82
	05/03/06	0.43	-101.2	6.99	20.55	6.632
	11/01/06	0.17	-224.2	7.16	20.18	6.128
	05/23/07	0.22	-136.1	7.19	20.96	5.55
	10/29/07	0.22	-131.7	7.17	20.91	5.785
	05/28/08	0.26	-78.6	7.1	22.83	6.156
	10/27/08	2.9	-85.9	7.08	20.14	6.318

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-34	02/28/06	0.41	-116.2	6.83	23.8	2.92
	05/03/06	1.05	-95.4	6.85	22.98	3.41
	11/01/06	0.29	-133.3	6.89	20.59	3.129
	05/23/07	2.04	-98.7	7.67	20.12	0.919
	10/30/07	0.3	-158.7	2.33	18.31	0.909
	05/28/08	0.19	-122.7	7.29	27.09	0.983
	10/27/08	0.31	-83.3	7.33	20.61	0.99
MWD-1	09/12/05	0.41	198.5	6.4	21.24	30.09
	12/01/05	1.6	74	6.49	20.97	36.03
	02/28/06	0.28	102.6	6.5	21.21	28.53
	05/10/06	1.05	216.7	6.45	23.76	83.99
	08/10/06	0.23	-47.8	7.35	21.1	30.89
	11/06/06	0.14	-5.6	6.5	20.68	39.06
	05/29/07	1.2	124.8	6.66	23.68	24.67
	11/01/07	0.15	153.4	6.61	20.88	35.15
	06/03/08	0.36	-106.9	6.81	22.11	30.91
	10/29/08	0.25	132.9	6.57	21.25	29.56
MWD-2	09/11/05	0.24	34.9	6.39	22.23	51.47
	12/01/05	4.1	-7.2	6.49	21.66	59.21
	02/28/06	0.22	20.4	6.45	21.81	50.84
	05/05/06	0.2	12.7	6.49	22.03	54.24
	08/10/06	0.38	-68.7	7.3	22.12	49.51
	11/06/06	0.1	-92.1	6.56	21.62	59.4
	05/29/07	1.33	-75.2	6.7	24.28	10.4
	11/01/07	0.2	-10.5	6.57	50.32	50.32
	06/03/08	0.41	-85.5	6.53	22.77	58.015
	10/28/08	0.13	37.7	6.47	22.67	52.7

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MWD-4	09/10/05	0.99	-136.9	6.75	20.47	2.097
	11/29/05	3.1	103.1	6.95	20.27	1.97
	02/28/06	0.23	-104.3	6.9	20.6	1.82
	05/03/06	0.36	-102	7	20.7	2.105
	08/09/06	0.57	-170	7.74	20.48	3.073
	11/02/06	0.18	-137.6	7	20.04	1.908
	05/23/07	0.21	-105.7	7.08	21.06	1.481
	10/30/07	0.33	-105.3	6.92	20.13	1.835
	05/28/08	0.21	-74.8	7.02	24.48	2.647
	10/27/08	0.25	-60.6	6.98	21.1	1.959
MWD-5	12/13/05	0.12	-350.9	8.79	20.39	5.946
	05/12/06	0.79	-192.9	7.12	20.75	5.367
	11/01/06	0.02	-411.4	8.72	20.61	5.74
	05/31/07	0.4	-138.1	7.1	21.89	4.408
	11/05/07	0.4	-198.1	7.03	22.15	5.432
	06/04/08	0.71	-318.7	7.67	22.39	6.413
	10/30/08	0.03	-57.2	7.67	22.06	6.44
MWD-6	12/13/05	0.18	-121.3	6.92	20.47	4.094
	05/12/06	0.14	-108.6	6.89	20.47	4.317
	11/01/06	0.14	-157.7	6.97	20.57	4.134
	05/31/07	0.31	-132.8	6.97	21.29	3.383
	11/05/07	0.52	-153.1	6.89	21.61	4.339
	06/04/08	0.46	-183.1	7.07	25.17	4.72
	10/30/08	0.11	-223	6.85	21.72	4.24

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MWD-7	09/12/05	1.04	141.3	6.67	21.08	23.07
	12/01/05	2.4	54.9	6.71	20.18	24.85
	02/28/06	0.49	97.8	6.72	20.36	20.21
	05/10/06	0.36	145.7	6.79	20.74	23.01
	08/09/06	0.8	-92.8	7.53	20.48	22.82
	11/03/06	0.08	48.9	6.77	20.35	25.1
	05/29/07	0.66	140.1	6.78	22.35	24.8
	11/01/07	0.21	164.9	6.78	20.51	23.97
	06/03/08	0.68	-113	6.87	22.23	22.072
	10/29/08	0.15	99.4	6.69	21.93	21.8
MWD-8	09/11/05	0.7	118	6.47	21.54	25.69
	12/01/05	2.8	40.1	6.56	20.37	42.6
	02/28/06	0.57	68.9	6.56	20.96	28.03
	05/05/06	0.68	96.6	6.61	21.03	31.61
	08/10/06	0.54	-33.2	7.4	20.96	28.93
	11/03/06	0.27	55.6	6.63	20.61	34.68
	05/29/07	1.91	68.6	6.69	23.67	14.45
	11/01/07	0.26	43.6	6.61	19.94	40.97
	06/02/08	0.69	-104.4	6.82	22.81	33.477
	10/28/08	0.46	57.5	6.66	21.89	34.31
MWD-10	09/12/05	0.26	-126.5	7.07	22.12	23.42
	12/02/05	1.3	-174.5	7.23	21.95	23.01
	03/02/06	0.36	-130.4	7.2	21.28	20.24
	05/11/06	0.14	-198.2	7.29	21.6	23.18
	08/10/06	0.42	-199.2	7.83	21.45	23.03
	11/09/06	0.23	-144.4	7.27	21.68	21.32
	05/30/07	1.22	-112	7.24	24.35	21.72
	11/05/07	0.24	-217.8	7.15	22.24	19.9
	06/04/08	0.43	-226	7.43	22.95	20.188
	10/29/08	0.09	-210	7.03	22.43	20.2

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MWD-11	12/01/05	3.5	53.6	6.62	21.24	8.675
	05/05/06	0.65	111.3	6.59	21.25	8.038
	11/06/06	0.2	-32.1	6.66	20.91	9.34
	05/29/07	0.51	79.4	6.92	22.57	3.475
	10/31/07	0.71	55.2	6.61	21.87	6.846
	06/02/08	1.15	-76.2	6.62	23.04	76.14
	10/28/08	0.32	50.7	6.64	22.97	8.707
MWD-12	09/12/05	0.28	-97.8	7	20.86	17.14
	12/13/05	2.7	-103.4	7.13	20.26	17.33
	03/02/06	0.87	-106.3	7.11	20.53	14.88
	05/12/06	0.17	-112.4	7.12	20.28	16.1
	08/09/06	1.3	-173.4	7.84	21.68	16.82
	11/01/06	0.07	-218.7	7.14	20.18	17.19
	05/30/07	1.17	-82.8	7.15	22.63	14.84
	11/05/07	0.41	-106.3	7.01	21.71	14.01
	06/04/08	0.48	-163.2	7.28	23.14	16.87
	10/29/08	0.12	-157	6.87	21.92	15.9
MWD-13	09/11/05	0.2	41.9	6.85	21.41	24.64
	11/29/05	1.9	-55.5	6.9	20.91	37.6
	02/28/06	0.18	-1.9	6.89	21.1	27.16
	05/03/06	0.26	-51	7.02	21.26	15.17
	08/09/06	0.6	-86.7	7.64	21.13	39.78
	11/02/06	0.22	-67.6	7.12	20.63	17.82
	05/23/07	0.52	25.8	7.01	23.07	32.63
	10/30/07	0.2	7.8	7.1	21.34	10.64
	05/29/08	0.46	98.7	7.02	22.96	18.29
	10/27/08	0.14	25.2	7.17	22.73	10.07

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MWD-14	09/12/05	0.17	-178.1	7.42	21.8	35.42
	12/02/05	0.6	-219	7.59	21.27	36.83
	03/02/06	0.08	-214.3	7.49	21	32.28
	05/11/06	0.13	-193.5	7.62	22.22	37.13
	08/09/06	0.44	-336.6	8.13	20.92	36.75
	11/08/06	0.1	-203.4	7.56	20.68	36.63
	05/30/07	0.56	-167.9	7.84	22.48	24.11
	11/05/07	0.08	-211.7	7.53	21.6	28.14
	06/04/08	0.38	-182.9	7.46	22.26	38.997
	10/28/08	0.08	-248	7.45	21.88	35.3
MWD-15	09/12/05	0.21	-57.9	6.8	22.06	62.21
	12/02/05	3.1	-86.8	6.99	21.22	74.15
	03/02/06	0.16	-93.1	6.91	20.79	54.68
	05/11/06	0.13	-101.6	7	21.11	61.88
	08/10/06	0.31	-132.9	7.67	21.43	59.6
	11/06/06	0.27	-163.2	7.21	21.39	25.1
	05/30/07	1.8	-100.1	7.2	24.12	39.56
	11/05/07	0.16	-132.8	7.15	21.98	57.69
	06/03/08	0.15	-187.5	7.29	23.92	57.877
	10/28/08	0.36	-176	7.04	22.25	60.9
MWD-16	09/12/05	0.16	-194.6	7.59	21.74	29.67
	12/02/05	1.2	-235.3	7.79	21.38	28.8
	03/02/06	0.09	-224	7.76	20.96	23.52
	05/11/06	0.53	-258.1	7.93	21.26	23.48
	08/09/06	0.3	-352.8	8.4	21.11	28.32
	11/02/06	0.05	-316.8	8.04	20.76	27.17
	05/30/07	1.84	-151.2	8.07	24.64	16.42
	11/05/07	0.12	-26.5	7.9	21.71	23.25
	06/04/08	0.45	-291.2	8.07	22.15	24.28
	10/29/08	0.08	-276	7.71	22.21	27

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MWD-17	09/12/05	0.23	-18.7	6.42	21.29	108.6
	12/02/05	4	-75.5	6.7	20.86	70.85
	03/02/06	0.14	-87.5	6.6	20.46	75.35
	05/11/06	0.62	-93.2	6.69	20.54	69.58
	08/09/06	0.64	-211.7	7.31	20.89	103.8
	11/06/06	0.23	-143	6.66	20.81	91.33
	05/30/07	0.9	-100.9	6.69	22.64	58.86
	11/01/07	0.08	-98.7	6.81	21.6	51.68
	06/03/08	0.23	-155.1	6.84	24.2	109.505
	10/28/08	0.06	-149	6.71	22.06	90.6
TMW-1	12/01/05	5.4	-109.5	6.85	20.77	4.54
	05/05/06	0.15	-112.8	6.79	21.33	4.855
	11/06/06	0.21	-159.3	6.88	21.23	4.585
	05/29/07	0.22	-112	6.84	22.61	4.646
	10/31/07	0.25	-106	6.82	22.03	4.795
	06/02/08	0.46	-156.2	6.88	24.21	5.184
	10/28/08	0.23	-68.4	6.74	22.54	5.791
TMW-2	12/19/05	0.52	-137.3	7.04	20.4	2.464
TMW-3	12/06/05	9	-157.2	7.4	21.45	3.59
	05/11/06	0.2	-202.1	7.55	22.21	3.821
	11/09/06	0.27	-192.9	7.51	22.21	3.384
	10/29/08	0.17	-108.4	7.31	23.12	2.804

Appendix A
Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
TMW-5	12/19/05	0.33	-164.8	7.62	20.81	16.62
	11/09/06	0.24	-180.4	7.46	21.62	13.69
	05/31/07	1.47	-129.7	7.76	24.22	16.03
	11/06/07	0.71	-158.6	7.7	20.48	12.88
	10/29/08	0.35	-185	7.4	22.52	13.55
TMW-6	12/13/05	4.8	-141.8	6.97	21.38	2.689
	05/12/06	0.3	-143	7.02	21.36	2.938
	11/09/06	0.26	-158.2	7.08	21.95	2.755
	06/04/08	0.53	-168.1	7.14	24.82	52.59
	10/29/08	0.1	-105.7	7.11	23.3	2.061

NOTES:

DO = Dissolved Oxygen (%)

mg/L = milligrams per liter

ORP = Oxidation Reduction Potential

mV = millivolts

mS/cm = milliSiemens per centimeter

APPENDIX B
LABORATORY ANALYTICAL REPORTS

2008 Annual Summary of Investigation and Remediation
Eunice South Gas Plant



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Analysis Report

ANALYTICAL RESULTS

Prepared for:

SECOR International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

432-685-0627

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1093648. Samples arrived at the laboratory on Friday, May 30, 2008. The PO# for this group is 89CH.49527.07.1000 and the release number is EUNICE SOUTH GP.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
DUP-1 Grab Water Sample	5374847
MW-16 Grab Water Sample	5374848
MW-6 Grab Water Sample	5374849
MW-15 Grab Water Sample	5374850
MWD-13 Grab Water Sample	5374851
MWD-4 Grab Water Sample	5374852
MW-29 Grab Water Sample	5374853
MW-34 Grab Water Sample	5374854
MW-32 Grab Water Sample	5374855
MW-30 Grab Water Sample	5374856
MW-8 Grab Water Sample	5374857
MW-7 Grab Water Sample	5374858

ELECTRONIC SECOR International, Inc.
COPY TO

Attn: Bo Vizcaino



Analysis Report

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Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300

Respectfully Submitted,

Robert Heisey

Robert Heisey
Senior Specialist



Analysis Report

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Page 1 of 2

Lancaster Laboratories Sample No. WW5374847

Group No. 1093648

DUP-1 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

SECOR International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0225	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0541	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	11,200.	1,200.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,910.	800.	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:04	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 10:52	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 10:52	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 10:52	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:11	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 10:52	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 10:52	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 10:52	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 02:46	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 02:46	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW5374847

Group No. 1093648

DUP-1 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Analysis Report

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Lancaster Laboratories Sample No. WW5374848

Group No. 1093648

MW-16 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 14:20 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

SECOR International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0475	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.132	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	3,830.	600.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,780.	200.	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/01/2008 08:05		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 10:24		Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 10:24		Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 10:24		Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 21:21		John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 10:24		Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 10:24		Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 10:24		Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37		Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10		Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 03:07		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 03:07		Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30		Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00		Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374848

Group No. 1093648

MW-16 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 14:20 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Lancaster Laboratories Sample No. WW5374849

Group No. 1093648

MW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 12:41 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

SECOR International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0217	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0522	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	10,200.	1,200.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,670.	400.	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:12	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 10:56	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 10:56	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 10:56	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:15	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 10:56	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 10:56	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 10:56	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 03:28	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 03:28	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374849

Group No. 1093648

MW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 12:41 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Lancaster Laboratories Sample No. WW5374850

Group No. 1093648

MW-15 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 13:41 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0527	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	5,270.	600.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,460.	200.	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	4.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:13	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:10	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:10	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:10	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:18	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:10	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:10	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 11:10	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 03:49	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 03:49	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374850

Group No. 1093648

MW-15 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 13:41 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Lancaster Laboratories Sample No. WW5374851

Group No. 1093648

MWD-13 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 10:42 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0393	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0430	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	13,000.	1,200.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	6,310.	800.	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:14	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:15	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:15	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:15	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:22	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:15	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:15	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 11:15	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 05:13	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 05:13	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot.)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374851

Group No. 1093648

MWD-13 Grab Water Sample
Eunice South Gas Plant

Collected: 05/29/2008 10:42 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Lancaster Laboratories Sample No. WW5374852

Group No. 1093648

MWD-4 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 15:10 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0285	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.797	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,430.	120.		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	365.	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	14.	1.0		ug/l	1
00777	Toluene	108-88-3	2.2	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	14.	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	13.	3.0		ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:15	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:19	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:19	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:19	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:26	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:19	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:19	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 11:19	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 05:34	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 05:34	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374852

Group No. 1093648

MWD-4 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 15:10 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Lancaster Laboratories Sample No. WW5374853

Group No. 1093648

MW-29 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 10:57

by JC

Account Number: 11842

Submitted: 05/30/2008 09:40

Reported: 06/12/2008 at 21:50

Discard: 07/13/2008

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CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	5.97	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,910.	240.		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	639.	100.		mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	180.	1.0		ug/l	1
00777	Toluene	108-88-3	2.8	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	85.	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	55.	3.0		ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:17	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:24	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:24	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:24	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:36	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:24	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:24	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 11:24	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 05:54	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 05:54	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374853

Group No. 1093648

MW-29 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 10:57 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Lancaster Laboratories Sample No. WW5374854

Group No. 1093648

MW-34 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 14:11 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	1.49	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	562.	60.0		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	68.9	20.0		mg/l	10
08213	BTEX (8021)						
00776	Benzene	71-43-2	50.	5.0		ug/l	5
00777	Toluene	108-88-3	19.	5.0		ug/l	5
00778	Ethylbenzene	100-41-4	110.	5.0		ug/l	5
00779	Total Xylenes	1330-20-7	120.	15.		ug/l	5

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:18	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:28	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:28	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:28	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:40	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:28	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:28	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 11:28	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	10
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 07:39	Patrick N Evans	5
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 07:39	Patrick N Evans	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374854

Group No. 1093648

MW-34 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 14:11 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Lancaster Laboratories Sample No. WW5374855

Group No. 1093648

MW-32 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 12:46 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

SECOR International, Inc.
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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	2.84	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	3,790.	600.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,240.	200.	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	33.	1.0	ug/l	1
00777	Toluene	108-88-3	1.8	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	13.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	11.	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:19	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:33	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:33	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:33	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:43	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:33	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:33	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 11:33	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	1



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Lancaster Laboratories Sample No. WW5374855

Group No. 1093648

MW-32 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 12:46 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

SECOR International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 06:15	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 06:15	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374856

Group No. 1093648

MW-30 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 10:17

by JC

Account Number: 11842

Submitted: 05/30/2008 09:40

Reported: 06/12/2008 at 21:50

Discard: 07/13/2008

SECOR International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0207	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	8.25	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,370.	120.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	367.	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	200.	1.0	ug/l	1
00777	Toluene	108-88-3	1.8	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	2.2	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.2	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:20	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:38	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:38	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:38	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:47	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:38	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:38	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/12/2008 16:15	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 06:36	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 06:36	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5374856

Group No. 1093648

MW-30 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 10:17 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

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Midland TX 79705



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Lancaster Laboratories Sample No. WW5374857

Group No. 1093648

MW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 05/28/2008 13:29 by JC

Account Number: 11842

Submitted: 05/30/2008 09:40
Reported: 06/12/2008 at 21:50
Discard: 07/13/2008

SECOR International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of Quantitation	Units		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l		1
07035	Arsenic	7440-38-2	0.0418	0.0200	mg/l		1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l		1
07046	Barium	7440-39-3	0.119	0.0050	mg/l		1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l		1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l		1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l		1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l		1
00212	Total Dissolved Solids	n.a.	4,760.	600.	mg/l		1
01124	Chloride (titrimetric)	16887-00-6	2,190.	200.	mg/l		100
08213	BTEX (8021)						
00776	Benzene	71-43-2	13.	1.0	ug/l		1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l		1
00778	Ethylbenzene	100-41-4	5.5	1.0	ug/l		1
00779	Total Xylenes	1330-20-7	3.7	3.0	ug/l		1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/01/2008 08:22	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/09/2008 11:42	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	06/09/2008 11:42	Eric L Eby	1
07046	Barium	SW-846 6010B	1	06/09/2008 11:42	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	06/09/2008 22:51	John P Hook	1
07051	Chromium	SW-846 6010B	1	06/09/2008 11:42	Eric L Eby	1
07055	Lead	SW-846 6010B	1	06/09/2008 11:42	Eric L Eby	1
07066	Silver	SW-846 6010B	1	06/09/2008 11:42	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	06/03/2008 07:37	Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/02/2008 13:10	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/05/2008 06:57	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/05/2008 06:57	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/03/2008 09:30	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	05/31/2008 13:00	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5382186

Group No. 1094864

MW-13 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 09:58 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/10/2008 19:58	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382187

Group No. 1094864

MWD-11 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 15:36 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Limit of Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.102	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	4,790.	600.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,480.	200.	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	15.	1.0	ug/l	1
00777	Toluene	108-88-3	2.2	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	5.2	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:11	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/29/2008 13:42	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/15/2008 21:22	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	06/15/2008 21:22	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	06/15/2008 21:22	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	06/15/2008 21:22	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	06/29/2008 13:42	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/15/2008 21:22	Tara L Snyder	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 09:00	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/10/2008 13:05	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/10/2008 13:05	Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382187

Group No. 1094864

MWD-11 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 15:36 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/10/2008 19:58	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382188

Group No. 1094864

MW-31 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 11:32

by SG

Account Number: 11842

Submitted: 06/06/2008 09:25

Reported: 06/30/2008 at 06:37

Discard: 07/31/2008

SECOR International, Inc.

560 West Main Street

Suite 201

Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0437	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	9.10	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,380.	120.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	433.	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	4,100.	20.	ug/l	20
00777	Toluene	108-88-3	3.5	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	280.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	10.	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:12	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/18/2008 07:57	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	06/15/2008 21:25	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	06/15/2008 21:25	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	06/15/2008 21:25	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	06/15/2008 21:25	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	06/18/2008 07:57	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	06/15/2008 21:25	Tara L Snyder	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	06/10/2008 20:46	Patrick N Evans	20
08213	BTEX (8021)	SW-846 8021B	1	06/11/2008 04:07	Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382188

Group No. 1094864

MW-31 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 11:32 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

01146	GC VOA Water Prep	SW-846 5030B	1	06/10/2008 20:46	Patrick N Evans	20
01146	GC VOA Water Prep	SW-846 5030B	2	06/11/2008 04:07	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest {tot}	SW-846 3010A	1	06/10/2008 19:58	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382189

Group No. 1094864

MW-18 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 16:15 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.101	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	5,280.	600.		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,890.	200.		mg/l	100
08213	BTEX (8021)						
00776	Benzene	71-43-2	11.	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	4.0	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 07:16		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/18/2008 08:01		Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	06/15/2008 21:29		Tara L Snyder	1
07046	Barium	SW-846 6010B	1	06/15/2008 21:29		Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	06/15/2008 21:29		Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	06/15/2008 21:29		Tara L Snyder	1
07055	Lead	SW-846 6010B	1	06/18/2008 08:01		Joanne M Gates	1
07066	Silver	SW-846 6010B	1	06/15/2008 21:29		Tara L Snyder	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02		Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30		Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/10/2008 13:28		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/10/2008 13:28		Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382189

Group No. 1094864

MW-18 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 16:15 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/10/2008 19:58	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382190

Group No. 1094864

MWD-6 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 14:55 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Limit of Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.637	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	2,600.	240.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	816.	100.	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	60.	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	18.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	6.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 07:17		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/18/2008 08:05		Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	06/15/2008 21:33		Tara L Snyder	1
07046	Barium	SW-846 6010B	1	06/15/2008 21:33		Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	06/15/2008 21:33		Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	06/15/2008 21:33		Tara L Snyder	1
07055	Lead	SW-846 6010B	1	06/18/2008 08:05		Joanne M Gates	1
07066	Silver	SW-846 6010B	1	06/15/2008 21:33		Tara L Snyder	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02		Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30		Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	06/10/2008 13:50		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/10/2008 13:50		Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382190

Group No. 1094864

MWD-6 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 14:55 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/10/2008 19:58	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382191

Group No. 1094864

MWD-5 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 17:22 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0668	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	5.66	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	4,200.	600.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,650.	200.	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,300.	50.	ug/l	50
00777	Toluene	108-88-3	< 50.	50.	ug/l	50
00778	Ethylbenzene	100-41-4	270.	50.	ug/l	50
00779	Total Xylenes	1330-20-7	< 150.	150.	ug/l	50

The reporting limits were raised because sample dilution was necessary to bring internal standard height within the QC limits.
The sample was analyzed at a DF1 and DF5 and the internal standard was outside the QC limits. The sample was reanalyzed at a DF50 using a vial that had headspace.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:22	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/18/2008 08:09	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	06/15/2008 21:36	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	06/15/2008 21:36	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	06/15/2008 21:36	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	06/15/2008 21:36	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	06/18/2008 08:09	Joanne M Gates	1



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Lancaster Laboratories Sample No. WW5382191

Group No. 1094864

MWD-5 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 17:22 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

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Suite 201
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07066	Silver	SW-846 6010B	1	06/15/2008 21:36	Tara L Snyder	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/11/2008 05:40	Patrick N Evans	50
01146	GC VOA Water Prep	SW-846 5030B	1	06/11/2008 05:40	Patrick N Evans	50
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/10/2008 19:58	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382192

Group No. 1094864

MWD-12 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 13:55 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:37
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0513	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.608	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	9,820.	1,200.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,040.	400.	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	640.	5.0	ug/l	5
00777	Toluene	108-88-3	2.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	54.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	15.	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:23	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/18/2008 08:13	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	06/15/2008 21:40	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	06/15/2008 21:40	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	06/15/2008 21:40	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	06/15/2008 21:40	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	06/18/2008 08:13	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	06/15/2008 21:40	Tara L Snyder	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	06/10/2008 14:35	Patrick N Evans	5
08213	BTEX (8021)	SW-846 8021B	1	06/10/2008 16:51	Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382199

Group No. 1094864

MWD-2 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 08:38 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

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560 West Main Street
Suite 201
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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382200

Group No. 1094864

MW-17 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 11:13 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0461	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	9,120.	600.		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	4,620.	400.		mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	3.3	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	1.5	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 07:34		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:02		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:13		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:13		Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:02		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:02		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:02		Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 00:02		Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02		Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30		Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 17:30		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 17:30		Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382200

Group No. 1094864

MW-17 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 11:13 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382201

Group No. 1094864

MWD-7 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 12:25 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Limit of Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0214	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0368	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	15,200.	2,400.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	7,980.	800.	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	2.8	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	1.2	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 07:35		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:06		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:16		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:16		Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:06		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:06		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:06		Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 00:06		Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02		Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30		Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 17:51		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 17:51		Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382201

Group No. 1094864

MWD-7 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 12:25 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382202

Group No. 1094864

MWD-15 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 16:49 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0563	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.619	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	37,800.	6,000.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	21,400.	2,000.	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	350.	1.0	ug/l	1
00777	Toluene	108-88-3	1.7	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	100.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	51.	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
00259	Mercury	SW-846 7470A	1	06/10/2008	07:37	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008	00:10	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008	07:20	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008	07:20	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008	00:10	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008	00:10	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008	00:10	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008	00:10	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008	10:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008	13:30	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008	18:54	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008	18:54	Patrick N Evans	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382202

Group No. 1094864

MWD-15 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 16:49 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382203

Group No. 1094864

MWD-17 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 12:25 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.107	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.341	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	0.0052	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	80,000.	12,000.	mg/l	50
01124	Chloride (titrimetric)	16887-00-6	49,300.	10,000.	mg/l	5000
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,800.	5.0	ug/l	5
00777	Toluene	108-88-3	4.2	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	15.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	16.	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:38	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:14	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:23	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:23	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:14	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:14	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:14	Choon Y Tian	1



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Lancaster Laboratories Sample No. WW5382203

Group No. 1094864

MWD-17 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 12:25 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
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Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/22/2008 00:14	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02	Susan E Hibner	50
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	5000
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 19:15	Patrick N Evans	1
08213	BTEX (8021)	SW-846 8021B	1	06/13/2008 11:11	Patrick N Evans	5
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 19:15	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	2	06/13/2008 11:11	Patrick N Evans	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382204

Group No. 1094864

RW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:38 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.627	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	52,300.	6,000.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	21,300.	2,000.	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	6.8	1.0	ug/l	1
00777	Toluene	108-88-3	5.6	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	4.1	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	5.2	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:39	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:18	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:27	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:27	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:18	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:18	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:18	Choon Y Tian	1



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Lancaster Laboratories Sample No. WW5382204

Group No. 1094864

RW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:38 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

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Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/22/2008 00:18	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 19:36	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 19:36	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382205

Group No. 1094864

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 06/03/2008

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 15:04	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 15:04	Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382206

Group No. 1094864

MW-22 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 15:00

by SG

Account Number: 11842

Submitted: 06/06/2008 09:25

Reported: 06/30/2008 at 06:38

Discard: 07/31/2008

SECOR International, Inc.

560 West Main Street

Suite 201

Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0265	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.499	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	9,720.	1,200.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,370.	400.	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	770.	5.0	ug/l	5
00777	Toluene	108-88-3	1.7	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	30.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	21.	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:41	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:22	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:30	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:30	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:22	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:22	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:22	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 00:22	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 20:39	Patrick N Evans	5
08213	BTEX (8021)	SW-846 8021B	1	06/13/2008 11:52	Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382206

Group No. 1094864

MW-22 Grab Water Sample
Eunice South Gas Plant

Collected: 06/03/2008 15:00 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

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Suite 201
Lewisville TX 75057

01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 20:39	Patrick N Evans	5
01146	GC VOA Water Prep	SW-846 5030B	2	06/13/2008 11:52	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382207

Group No. 1094864

MWD-9 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:20 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0860	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	40,900.	6,000.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	22,600.	2,000.	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:42	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:26	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:34	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:34	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:26	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:26	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:26	Choon Y Tian	1



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Lancaster Laboratories Sample No. WW5382207

Group No. 1094864

MWD-9 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:20 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/22/2008 00:26	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 19:57	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 19:57	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382208

Group No. 1094864

MWD-3 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:51 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.379	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	0.0065	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	84,800.	12,000.	mg/l	50
01124	Chloride (titrimetric)	16887-00-6	46,300.	4,000.	mg/l	2000
08213	BTEX (8021)					
00776	Benzene	71-43-2	2,600.	10.	ug/l	10
00777	Toluene	108-88-3	12.	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	120.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	56.	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:48	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:30	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:38	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:38	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:30	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:30	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:30	Choon Y Tian	1



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Lancaster Laboratories Sample No. WW5382208

Group No. 1094864

MWD-3 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:51 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/22/2008 00:30	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	50
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	2000
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 21:00	Patrick N Evans	10
08213	BTEX (8021)	SW-846 8021B	1	06/13/2008 12:13	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 21:00	Patrick N Evans	10
01146	GC VOA Water Prep	SW-846 5030B	2	06/13/2008 12:13	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382209

Group No. 1094864

RW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:00 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.341	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	25,800.	2,400.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	15,200.	2,000.	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	96.	1.0	ug/l	1
00777	Toluene	108-88-3	4.3	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	18.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	170.	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 07:50	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:40	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:48	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:48	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:40	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:40	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:40	Choon Y Tian	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382209

Group No. 1094864

RW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 10:00 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/22/2008 00:40	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/11/2008 09:06	Sharaya A Hurd	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/10/2008 13:30	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 20:18	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 20:18	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382210

Group No. 1094864

MW-25 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 08:58 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0372	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	1.89	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	6,550.	600.		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,560.	200.		mg/l	100
08213	BTEX (8021)						
00776	Benzene	71-43-2	7,500.	50.		ug/l	50
00777	Toluene	108-88-3	23.	10.		ug/l	10
00778	Ethylbenzene	100-41-4	520.	10.		ug/l	10
00779	Total Xylenes	1330-20-7	110.	30.		ug/l	10

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 07:51		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:44		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:52		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:52		Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:44		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:44		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:44		Choon Y Tian	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382210

Group No. 1094864

MW-25 Grab Water Sample
Eunice South Gas Plant

Collected: 06/05/2008 08:58 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

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Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/22/2008 00:44	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/11/2008 09:06	Sharaya A Hurd	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 21:21	Patrick N Evans	50
08213	BTEX (8021)	SW-846 8021B	1	06/13/2008 12:34	Patrick N Evans	10
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 21:21	Patrick N Evans	50
01146	GC VOA Water Prep	SW-846 5030B	2	06/13/2008 12:34	Patrick N Evans	10
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382211

Group No. 1094864

MW-14 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 10:44 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0629	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,470.	120.		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	431.	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	< 2.0	2.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 07:52		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:48		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:55		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:55		Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:48		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:48		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:48		Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 00:48		Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02		Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25		Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 09:12		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 09:12		Patrick N Evans	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382211

Group No. 1094864

MW-14 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 10:44 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
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Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382212

Group No. 1094864

MW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 13:44

by SG

Account Number: 11842

Submitted: 06/06/2008 09:25

Reported: 06/30/2008 at 06:38

Discard: 07/31/2008

SECOR International, Inc.

560 West Main Street

Suite 201

Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0632	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	739.	60.0		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	129.	20.0		mg/l	10
08213	BTEX (8021)						
00776	Benzene	71-43-2	38.	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	8.7	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 07:57		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:52		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 07:59		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 07:59		Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:52		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:52		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:52		Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 00:52		Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02		Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25		Susan A Engle	10
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 09:33		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 09:33		Patrick N Evans	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382212

Group No. 1094864

MW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 13:44 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382213

Group No. 1094864

TMW-1 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 14:30 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0414	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	1.20	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	3,030.	240.	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,440.	100.	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	24.	1.0	ug/l	1
00777	Toluene	108-88-3	1.5	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	7.3	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 08:00		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 00:56		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 08:03		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 08:03		Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 00:56		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 00:56		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 00:56		Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 00:56		Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02		Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25		Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 09:54		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 09:54		Patrick N Evans	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382213

Group No. 1094864

TMW-1 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 14:30 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382214

Group No. 1094864

MWD-8 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 17:00

by SG

Account Number: 11842

Submitted: 06/06/2008 09:25

Reported: 06/30/2008 at 06:38

Discard: 07/31/2008

SECOR International, Inc.

560 West Main Street

Suite 201

Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0913	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	0.0171	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	22,300.	2,400.		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	11,700.	800.		mg/l	400
08213	BTEX (8021)						
00776	Benzene	71-43-2	7.7	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	2.9	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 08:02		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 01:00		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 08:06		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 08:06		Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 01:00		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/22/2008 01:00		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 01:00		Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 01:00		Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 10:02		Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25		Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 15:25		Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 15:25		Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382214

Group No. 1094864

MWD-8 Grab Water Sample
Eunice South Gas Plant

Collected: 06/02/2008 17:00 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382215

Group No. 1094864

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 06/02/2008

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 14:43	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 14:43	Patrick N Evans	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382216

Group No. 1094864

MWD-16 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 09:34 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0369	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	1.01	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	15,900.	2,400.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	8,220.	800.	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	550.	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	250.	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	130.	15.	ug/l	5

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

Due to the nature of the sample matrix, normal reporting limits were not attained.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 08:03	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/22/2008 01:04	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/25/2008 08:10	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	06/25/2008 08:10	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	06/22/2008 01:04	Choon Y Tian	1



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Lancaster Laboratories Sample No. WW5382216

Group No. 1094864

MWD-16 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 09:34 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

07051	Chromium	SW-846 6010B	1	06/22/2008 01:04	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/22/2008 01:04	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/22/2008 01:04	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	06/12/2008 21:42	Patrick N Evans	5
01146	GC VOA Water Prep	SW-846 5030B	1	06/12/2008 21:42	Patrick N Evans	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/13/2008 13:45	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382217

Group No. 1094864

MWD-10 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 10:28 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0743	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.618	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	12,300.	1,200.		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	6,510.	400.		mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	1,100.	5.0		ug/l	5
00777	Toluene	108-88-3	1.3	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	120.	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	19.	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 08:04	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/17/2008 06:01	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/17/2008 06:01	Choon Y Tian	1
07046	Barium	SW-846 6010B	1	06/17/2008 06:01	Choon Y Tian	1
07049	Cadmium	SW-846 6010B	1	06/17/2008 06:01	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/17/2008 06:01	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/17/2008 06:01	Choon Y Tian	1
07066	Silver	SW-846 6010B	1	06/17/2008 06:01	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	06/14/2008 08:42	Patrick N Evans	5
08213	BTEX (8021)	SW-846 8021B	1	06/14/2008 18:36	Patrick N Evans	1



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Lancaster Laboratories Sample No. WW5382217

Group No. 1094864

MWD-10 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 10:28 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
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Suite 201
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01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 08:42	Patrick N Evans	5
01146	GC VOA Water Prep	SW-846 5030B	2	06/14/2008 18:36	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/14/2008 19:08	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382218

Group No. 1094864

MWD-14 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 08:29 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0536	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.163	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	25,600.	2,400.		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	13,100.	800.		mg/l	400
08213	BTEX (8021)						
00776	Benzene	71-43-2	1,300.	5.0		ug/l	5
00777	Toluene	108-88-3	2.1	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	22.	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	6.7	3.0		ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	06/10/2008 08:05		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/17/2008 06:05		Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/17/2008 06:05		Choon Y Tian	1
07046	Barium	SW-846 6010B	1	06/17/2008 06:05		Choon Y Tian	1
07049	Cadmium	SW-846 6010B	1	06/17/2008 06:05		Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/17/2008 06:05		Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/17/2008 06:05		Choon Y Tian	1



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Lancaster Laboratories Sample No. WW5382218

Group No. 1094864

MWD-14 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 08:29 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
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Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/17/2008 06:05	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	06/14/2008 09:03	Patrick N Evans	5
08213	BTEX (8021)	SW-846 8021B	1	06/14/2008 18:57	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 09:03	Patrick N Evans	5
01146	GC VOA Water Prep	SW-846 5030B	2	06/14/2008 18:57	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/14/2008 19:08	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5382219

Group No. 1094864

DUP-2 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0520	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.162	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	25,000.	2,400.	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	12,800.	800.	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,500.	5.0	ug/l	5
00777	Toluene	108-88-3	2.1	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	25.	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	7.3	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	06/10/2008 08:07	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	06/17/2008 06:10	Choon Y Tian	1
07036	Selenium	SW-846 6010B	1	06/17/2008 06:10	Choon Y Tian	1
07046	Barium	SW-846 6010B	1	06/17/2008 06:10	Choon Y Tian	1
07049	Cadmium	SW-846 6010B	1	06/17/2008 06:10	Choon Y Tian	1
07051	Chromium	SW-846 6010B	1	06/17/2008 06:10	Choon Y Tian	1
07055	Lead	SW-846 6010B	1	06/17/2008 06:10	Choon Y Tian	1



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Lancaster Laboratories Sample No. WW5382219

Group No. 1094864

DUP-2 Grab Water Sample
Eunice South Gas Plant

Collected: 06/04/2008 by SG

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

07066	Silver	SW-846 6010B	1	06/17/2008 06:10	Choon Y Tian	1
00212	Total Dissolved Solids	EPA 160.1	1	06/09/2008 15:02	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	06/13/2008 10:25	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	06/14/2008 09:24	Patrick N Evans	5
08213	BTEX (8021)	SW-846 8021B	1	06/14/2008 19:18	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 09:24	Patrick N Evans	5
01146	GC VOA Water Prep	SW-846 5030B	2	06/14/2008 19:18	Patrick N Evans	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	06/14/2008 19:08	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	06/09/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5382220

Group No. 1094864

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 06/04/2008

Account Number: 11842

Submitted: 06/06/2008 09:25
Reported: 06/30/2008 at 06:38
Discard: 07/31/2008

SECOR International, Inc.
560 West Main Street
Suite 201
Lewisville TX 75057

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	06/14/2008 06:37	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 06:37	Patrick N Evans	1

Quality Control Summary

Client Name: SECOR International, Inc.
Reported: 06/30/08 at 06:38 AM

Group Number: 1094864

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 08161021201A Total Dissolved Solids	Sample number(s): 5382186-5382189, 5382196-5382203, 5382206, 5382211-5382214 < 30.0	30.0	mg/l	105		80-120		
Batch number: 08161021202A Total Dissolved Solids	Sample number(s): 5382190-5382194, 5382204, 5382207-5382208, 5382216-5382219 < 30.0	30.0	mg/l	109		80-120		
Batch number: 081615713002 Mercury	Sample number(s): 5382186-5382194, 5382196-5382204, 5382206-5382207 < 0.00020	0.00020	mg/l	117		80-120		
Batch number: 081615713003 Mercury	Sample number(s): 5382208-5382214, 5382216-5382219 < 0.00020	0.00020	mg/l	116		80-120		
Batch number: 08161A53A Benzene	Sample number(s): 5382186-5382187, 5382189-5382190, 5382192 < 1.0	1.0	ug/l	105	105	86-119	1	30
Toluene	< 1.0	1.0	ug/l	103	104	82-119	0	30
Ethylbenzene	< 1.0	1.0	ug/l	98	98	81-119	0	30
Total Xylenes	< 3.0	3.0	ug/l	98	97	82-120	1	30
Batch number: 08161A53B Benzene	Sample number(s): 5382186, 5382191 < 1.0	1.0	ug/l	105	105	86-119	1	30
Toluene	< 1.0	1.0	ug/l	103	104	82-119	0	30
Ethylbenzene	< 1.0	1.0	ug/l	98	98	81-119	0	30
Total Xylenes	< 3.0	3.0	ug/l	98	97	82-120	1	30
Batch number: 08162112401A Chloride (titrimetric)	Sample number(s): 5382186-5382187 99					96-102		
Batch number: 08162112403A Chloride (titrimetric)	Sample number(s): 5382188-5382194, 5382196-5382204, 5382206-5382209 99					96-102		
Batch number: 081625705002 Arsenic	Sample number(s): 5382186-5382193 < 0.0200	0.0200	mg/l	97		90-119		
Selenium	< 0.0200	0.0200	mg/l	110		80-120		
Barium	< 0.0050	0.0050	mg/l	103		90-110		
Cadmium	< 0.0050	0.0050	mg/l	102		90-112		
Chromium	< 0.0150	0.0150	mg/l	102		90-110		
Lead	< 0.0150	0.0150	mg/l	103		90-113		
Silver	< 0.0050	0.0050	mg/l	105		90-118		
Batch number: 08163021201A Total Dissolved Solids	Sample number(s): 5382209-5382210 < 30.0	30.0	mg/l	97		80-120		
Batch number: 08163A54A Benzene	Sample number(s): 5382195, 5382211-5382213 < 1.0	1.0	ug/l	102	99	86-119	3	30
Toluene	< 1.0	1.0	ug/l	100	98	82-119	3	30

*- Outside of specification

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

Quality Control Summary

Client Name: SECOR International, Inc.
Reported: 06/30/08 at 06:38 AM

Group Number: 1094864

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Ethylbenzene	< 1.0	1.0	ug/l	98	97	81-119	1	30
Total Xylenes	< 3.0	3.0	ug/l	101	99	82-120	2	30
Batch number: 081645705005 Sample number(s): 5382194, 5382196-5382204, 5382206-5382214, 5382216								
Arsenic	< 0.0200	0.0200	mg/l	103		90-119		
Selenium	< 0.0200	0.0200	mg/l	113		80-120		
Barium	< 0.0050	0.0050	mg/l	107		90-110		
Cadmium	< 0.0050	0.0050	mg/l	104		90-112		
Chromium	< 0.0150	0.0150	mg/l	105		90-110		
Lead	< 0.0150	0.0150	mg/l	104		90-113		
Silver	< 0.0050	0.0050	mg/l	106		90-118		
Batch number: 08164A54A Sample number(s): 5382193-5382194, 5382196-5382210, 5382214-5382216								
Benzene	< 1.0	1.0	ug/l	98	97	86-119	1	30
Toluene	< 1.0	1.0	ug/l	97	96	82-119	1	30
Ethylbenzene	< 1.0	1.0	ug/l	96	95	81-119	1	30
Total Xylenes	< 3.0	3.0	ug/l	98	97	82-120	1	30
Batch number: 08164A54B Sample number(s): 5382193, 5382203, 5382206, 5382208, 5382210								
Benzene	< 1.0	1.0	ug/l	98	97	86-119	1	30
Toluene	< 1.0	1.0	ug/l	97	96	82-119	1	30
Ethylbenzene	< 1.0	1.0	ug/l	96	95	81-119	1	30
Total Xylenes	< 3.0	3.0	ug/l	98	97	82-120	1	30
Batch number: 08165112401A Sample number(s): 5382210-5382214, 5382216-5382219								
Chloride (titrimetric)				99		96-102		
Batch number: 081655705002 Sample number(s): 5382217-5382219								
Arsenic	< 0.0200	0.0200	mg/l	97		90-119		
Selenium	< 0.0200	0.0200	mg/l	102		80-120		
Barium	< 0.0050	0.0050	mg/l	102		90-110		
Cadmium	< 0.0050	0.0050	mg/l	97		90-112		
Chromium	< 0.0150	0.0150	mg/l	97		90-110		
Lead	< 0.0150	0.0150	mg/l	99		90-113		
Silver	< 0.0050	0.0050	mg/l	101		90-118		
Batch number: 08166A54A Sample number(s): 5382217-5382220								
Benzene	< 1.0	1.0	ug/l	108	107	86-119	0	30
Toluene	< 1.0	1.0	ug/l	107	107	82-119	0	30
Ethylbenzene	< 1.0	1.0	ug/l	106	105	81-119	0	30
Total Xylenes	< 3.0	3.0	ug/l	109	108	82-120	0	30

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 08161021201A Sample number(s): 5382186-5382189, 5382196-5382203, 5382206, 5382211-5382214 UNSPK: 5382213 BKG: 5382213									
Total Dissolved Solids	99	99	54-143	0	12	3,030.	2,890.	5	9

*- Outside of specification

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

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

Quality Control Summary

Client Name: SECOR International, Inc.
Reported: 06/30/08 at 06:38 AM

Group Number: 1094864

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 08161021202A	Sample number(s): 5382190-5382194, 5382204, 5382207-5382208, 5382216-5382219 UNSPK: 5382190 BKG: 5382190								
Total Dissolved Solids	104	99	54-143	2	12	2,600.	2,570.	1	9
Batch number: 081615713002	Sample number(s): 5382186-5382194, 5382196-5382204, 5382206-5382207 UNSPK: 5382190 BKG: 5382190								
Mercury	87	89	80-120	3	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 081615713003	Sample number(s): 5382208-5382214, 5382216-5382219 UNSPK: 5382211 BKG: 5382211								
Mercury	131*	132*	80-120	1	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 08161A53A	Sample number(s): 5382186-5382187, 5382189-5382190, 5382192 UNSPK: P381934								
Benzene	855 (2)	98 (2)	78-131	35*	30				
Toluene	162*	96	78-129	30	30				
Ethylbenzene	760 (2)	110 (2)	75-133	60*	30				
Total Xylenes	123	88	84-131	19	30				
Batch number: 08161A53B	Sample number(s): 5382188, 5382191 UNSPK: P381934								
Benzene	855 (2)	98 (2)	78-131	35*	30				
Toluene	162*	96	78-129	30	30				
Ethylbenzene	760 (2)	110 (2)	75-133	60*	30				
Total Xylenes	123	88	84-131	19	30				
Batch number: 08162112401A	Sample number(s): 5382186-5382187 UNSPK: P378264 BKG: P378264								
Chloride (titrimetric)	97	96	91-105	1	2	163.	165.	1 (1)	5
Batch number: 08162112403A	Sample number(s): 5382188-5382194, 5382196-5382204, 5382206-5382209 UNSPK: 5382193 BKG: 5382193								
Chloride (titrimetric)	93	91	91-105	1	2	621.	559.	10*	5
Batch number: 081625705002	Sample number(s): 5382186-5382193 UNSPK: P378791 BKG: P378791								
Arsenic	114	80	75-125	34*	20	< 0.100	< 0.100	0 (1)	20
Selenium	107	105	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	113	109	78-118	3	20	0.0695	0.0681	2	20
Cadmium	100	98	83-116	2	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	104	102	81-120	2	20	< 0.0150	< 0.0150	0 (1)	20
Lead	101	101	75-125	0	20	< 0.0750	< 0.0750	0 (1)	20
Silver	113	111	75-125	2	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 08163021201A	Sample number(s): 5382209-5382210 UNSPK: P384942 BKG: P384942								
Total Dissolved Solids	100	101	54-143	0	12	834.	830.	0	9
Batch number: 081645705005	Sample number(s): 5382194, 5382196-5382204, 5382206-5382214, 5382216 UNSPK: 5382194 BKG: 5382194								
Arsenic	118	113	75-125	3	20	0.0663	0.0673	1 (1)	20
Selenium	115	107	75-125	7	20	< 0.0200	< 0.0200	0 (1)	20
Barium	106	104	78-118	2	20	0.973	0.972	0	20
Cadmium	105	103	83-116	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	106	104	81-120	2	20	< 0.0150	< 0.0150	0 (1)	20
Lead	118	113	75-125	5	20	< 0.0150	< 0.0150	200* (1)	20
Silver	115	111	75-125	3	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 08164A54A	Sample number(s): 5382193-5382194, 5382196-5382210, 5382214-5382216 UNSPK: 5382214								

*- Outside of specification

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

Quality Control Summary

Client Name: SECOR International, Inc.

Group Number: 1094864

Reported: 06/30/08 at 06:38 AM

Sample Matrix Quality Control

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

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Benzene	90		78-131						
Toluene	88		78-129						
Ethylbenzene	87		75-133						
Total Xylenes	90		84-131						
Batch number: 08164A54B Sample number(s): 5382193,5382203,5382206,5382208,5382210 UNSPK: P382214									
Benzene	90		78-131						
Toluene	88		78-129						
Ethylbenzene	87		75-133						
Total Xylenes	90		84-131						
Batch number: 08165112401A Sample number(s): 5382210-5382214,5382216-5382219 UNSPK: P383188 BKG: P383188									
Chloride (titrimetric)	95	96	91-105	1	2	8.1	8.3	2 (1)	5
Batch number: 081655705002 Sample number(s): 5382217-5382219 UNSPK: P381721 BKG: P381721									
Arsenic	98	98	75-125	0	20	< 0.0200	< 0.0200	0 (1)	20
Selenium	98	102	75-125	4	20	< 0.0200	< 0.0200	0 (1)	20
Barium	102	103	78-118	2	20	0.0794	0.0807	2	20
Cadmium	94	94	83-116	0	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	96	98	81-120	2	20	< 0.0150	< 0.0150	0 (1)	20
Lead	98	97	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20
Silver	102	102	75-125	0	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 08166A54A Sample number(s): 5382217-5382220 UNSPK: P381941									
Benzene	119	126	78-131	6	30				
Toluene	119	126	78-129	6	30				
Ethylbenzene	116	124	75-133	6	30				
Total Xylenes	118	126	84-131	6	30				

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

Batch number: 08161A53A

Trifluorotoluene-P

5382186	84
5382187	84
5382189	79
5382190	89
5382192	109
Blank	83
LCS	84
LCSD	84
MS	119
MSD	102

Limits: 69-129

*- Outside of specification

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

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Quality Control Summary

Client Name: SECOR International, Inc.
Reported: 06/30/08 at 06:38 AM

Group Number: 1094864

Surrogate Quality Control

Analysis Name: BTEX (8021)
Batch number: 08161A53B
Trifluorotoluene-P

5382188	187*
5382191	88
Blank	72
LCS	84
LCSD	84
MS	119
MSD	102

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08163A54A
Trifluorotoluene-P

5382195	80
5382211	80
5382212	82
5382213	80
Blank	79
LCS	80
LCSD	79

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08164A54A
Trifluorotoluene-P

5382194	88
5382196	104
5382197	82
5382198	80
5382199	81
5382200	81
5382201	80
5382202	85
5382204	78
5382205	80
5382206	90
5382207	83
5382208	115
5382209	78
5382210	93
5382214	80
5382215	80
5382216	87
Blank	79
LCS	80
LCSD	80
MS	82

Limits: 69-129

*- Outside of specification

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

Quality Control Summary

Client Name: SECOR International, Inc.
Reported: 06/30/08 at 06:38 AM

Group Number: 1094864

Surrogate Quality Control

Analysis Name: BTEX (8021)
Batch number: 08164A54B
Trifluorotoluene-P

5382193	129
5382203	111
5382206	90
5382208	115
5382210	93
Blank	80
LCS	80
LCSD	80
MS	82

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08166A54A
Trifluorotoluene-P

5382217	95
5382218	103
5382219	105
5382220	79
Blank	79
LCS	79
LCSD	79
MS	81
MSD	80

Limits: 69-129

*- Outside of specification

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

Analysis Request/ Environmental Services Chain of Custody



For Lancaster Laboratories use only

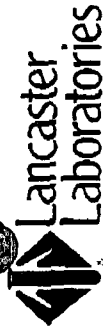
Acct. # 11842 Group # 1094864 Sample # 5382186-220COC # 182742

Please print. Instructions on reverse side correspond with circled numbers.

For Lab Use Only

1 Client: <u>Chescon</u> Acct. #: _____		2 Sample Identification		3 Date Collected		4 Matrix		5 Analyses Requested		6 Preservation Codes		7 Turnaround Time Requested (TAT) (please circle): Normal <u>Normal</u> Rush		8 Data Package Options (please circle if required)	
Project Name #: <u>890445527.08.1000PWSID #:</u>		Sample ID		Time Collected		Water		Preservation Codes		Preservation Codes		Date		Date	
Project Manager: <u>Scott Oliver</u> P.O. #: _____		Sample Description		Time Collected		Soil		Preservation Codes		Preservation Codes		Date		Date	
Sampler: <u>SL1 SG</u> Quote #: _____		Sample Location		Time Collected		Sediment		Preservation Codes		Preservation Codes		Date		Date	
Name of state where samples were collected: <u>MD</u>		Sample ID		Time Collected		Sludge		Preservation Codes		Preservation Codes		Date		Date	
		<u>MWD-13</u>	<u>6-2-08</u>	<u>0959</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>MWD-11</u>	<u>6-2-08</u>	<u>1536</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>MWD-31</u>	<u>6-2-08</u>	<u>1132</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>MWD-18</u>	<u>6-2-08</u>	<u>1615</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>MWD-6</u>	<u>6-4-08</u>	<u>1455</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>MWD-5</u>	<u>6-4-08</u>	<u>1722</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>MWD-12</u>	<u>6-4-08</u>	<u>1355</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>MWD-9</u>	<u>6-4-08</u>	<u>1600</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>TMD-6</u>	<u>6-4-08</u>	<u>1100</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>
		<u>Tip Blank</u>			<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>

Analysis Request/Environmental Services Chain of Custody



For Lancaster Laboratories use only

Acct. # 11842 Group # 1094864

Sample # 5382186-220 **COC # 182741**

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: <u>Chewon</u> Acct. #: _____ Project Name: <u>88CH49527, 08, 1000</u> PWSID #: _____ Project Manager: <u>Scott Oliver</u> P.O. #: _____ Sampler: <u>R1 SG</u> Quote #: _____ Name of state where samples were collected: <u>MD</u>		2 Sample Identification <table border="1"> <thead> <tr> <th>Sample ID</th> <th>Collection Date</th> <th>Time</th> <th>Container</th> <th>Matrix</th> <th>Order #</th> <th>Total # of Containers</th> <th>Matrix</th> <th>Order #</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>MW-22</td> <td>6-3-08</td> <td>1500</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>MW-29</td> <td>6-5-08</td> <td>1020</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>MW-3</td> <td>6-5-08</td> <td>1051</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>RW-8</td> <td>6-5-08</td> <td>1200</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>MW-25</td> <td>6-5-08</td> <td>0859</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>MW-14</td> <td>6-2-08</td> <td>1048</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>MW-3</td> <td>6-2-08</td> <td>1344</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>TMW-1</td> <td>6-2-08</td> <td>1430</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td>MW-8</td> <td>6-2-08</td> <td>1700</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>5</td> <td>3</td> <td>1</td> <td></td> </tr> <tr> <td colspan="10"> 3 Trip Blank </td> </tr> </tbody> </table>		Sample ID	Collection Date	Time	Container	Matrix	Order #	Total # of Containers	Matrix	Order #	Remarks	MW-22	6-3-08	1500	✓	✓	✓	5	3	1		MW-29	6-5-08	1020	✓	✓	✓	5	3	1		MW-3	6-5-08	1051	✓	✓	✓	5	3	1		RW-8	6-5-08	1200	✓	✓	✓	5	3	1		MW-25	6-5-08	0859	✓	✓	✓	5	3	1		MW-14	6-2-08	1048	✓	✓	✓	5	3	1		MW-3	6-2-08	1344	✓	✓	✓	5	3	1		TMW-1	6-2-08	1430	✓	✓	✓	5	3	1		MW-8	6-2-08	1700	✓	✓	✓	5	3	1		3 Trip Blank										4 Matrix ☐ Water ☐ Sediment ☐ Soil ☐ Other		5 Analyses Requested Preservation Codes: _____ H- <u>10</u> <u>705-01 (3253)</u> T- <u>10</u> <u>705-01 (3253)</u> B- <u>10</u> <u>705-01 (3253)</u> O- <u>10</u> <u>705-01 (3253)</u>		6 Preservation Codes H=HCl T=Thiosulfate N=HNO ₃ B=NaOH S=H ₂ SO ₄ O=Other	
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8 Data Package Options (please circle if required) Type I (Validation/NJ Reg) TX TRRP-13 Yes No Type II (Tier II) MA MCP CT RCP Yes No Type III (Reduced NJ) Site-specific QC (MS/MSD/Dup)? Yes No Type IV (CLP SOW) Internal COC Required? Yes / No Type VI (Raw Data Only)										Relinquished by: <u>[Signature]</u> Date: <u>6/2/08</u> Time: <u>0925</u>																																																																																																													

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766
 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Analysis Request/Environmental Services Chain of Custody



For Lancaster Laboratories use only

Acct. # 11842 Group # 1094864 Sample # 5382186-220 **COC # 182743**

Please print. Instructions on reverse side correspond with circled numbers.

1 Client: <u>Chesow</u> Acct. #: _____ Project Name: <u>8901149527-08/00</u> PWSID #: _____ Project Manager: <u>Scott Oliver</u> P.O. #: _____ Sampler: <u>JL/SC</u> Quote #: _____ Name of state where samples were collected: <u>MD</u>		2 Sample Identification <table border="1"> <thead> <tr> <th>Sample Identification</th> <th>Date Collected</th> <th>Time Collected</th> <th>Container</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>MWD-16</td> <td>6-4-08</td> <td>0934</td> <td>✓</td> <td></td> </tr> <tr> <td>MWD-10</td> <td>6-4-08</td> <td>1028</td> <td>✓</td> <td></td> </tr> <tr> <td>MWD-14</td> <td>6-4-08</td> <td>0819</td> <td>✓</td> <td></td> </tr> <tr> <td>DUP-2</td> <td>6-4-08</td> <td>—</td> <td>✓</td> <td></td> </tr> <tr> <td>Trip Blank</td> <td>—</td> <td>—</td> <td>—</td> <td></td> </tr> <tr> <td>Trip Blank</td> <td>—</td> <td>—</td> <td>—</td> <td></td> </tr> <tr> <td>Trip Blank</td> <td>—</td> <td>—</td> <td>—</td> <td></td> </tr> </tbody> </table>		Sample Identification	Date Collected	Time Collected	Container	Comments	MWD-16	6-4-08	0934	✓		MWD-10	6-4-08	1028	✓		MWD-14	6-4-08	0819	✓		DUP-2	6-4-08	—	✓		Trip Blank	—	—	—		Trip Blank	—	—	—		Trip Blank	—	—	—		3 Total # of Containers <table border="1"> <thead> <tr> <th>Matrix</th> <th>Containers</th> </tr> </thead> <tbody> <tr> <td>Water</td> <td>5</td> </tr> <tr> <td>Soil</td> <td>5</td> </tr> <tr> <td>Sludge</td> <td>5</td> </tr> <tr> <td>Other</td> <td>5</td> </tr> </tbody> </table>		Matrix	Containers	Water	5	Soil	5	Sludge	5	Other	5	4 Preservation Codes <table border="1"> <thead> <tr> <th>Matrix</th> <th>Containers</th> </tr> </thead> <tbody> <tr> <td>Water</td> <td>5</td> </tr> <tr> <td>Soil</td> <td>5</td> </tr> <tr> <td>Sludge</td> <td>5</td> </tr> <tr> <td>Other</td> <td>5</td> </tr> </tbody> </table>		Matrix	Containers	Water	5	Soil	5	Sludge	5	Other	5	5 Analyses Requested <table border="1"> <thead> <tr> <th>Matrix</th> <th>Containers</th> </tr> </thead> <tbody> <tr> <td>Water</td> <td>5</td> </tr> <tr> <td>Soil</td> <td>5</td> </tr> <tr> <td>Sludge</td> <td>5</td> </tr> <tr> <td>Other</td> <td>5</td> </tr> </tbody> </table>		Matrix	Containers	Water	5	Soil	5	Sludge	5	Other	5	6 Preservation Codes H=HCl T=Thiosulfate N=HNO ₃ B=NaOH S=H ₂ SO ₄ O=Other	
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Remarks <u>only 1 set of TBS rec'd</u> <u>anterior Coc</u> <u>WAL</u> <u>6/9/08</u>																																																																																	

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

ANALYTICAL RESULTS

Prepared for:

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

432-685-0627

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1116874. Samples arrived at the laboratory on Saturday, October 25, 2008. The PO# for this group is 89CH.49526.08.1000 and the release number is EUNICE SOUTH GP.

Client Description

MW-16 Grab Water Sample
MW-30 Grab Water Sample
MW-15 Grab Water Sample
MW-29 Grab Water Sample
Trip_Blank Water Sample

Lancaster Labs Number

5509332
5509333
5509334
5509335
5509336

ELECTRONIC
COPY TO

STANTEC International, Inc.

Attn: Bo Vizcaino

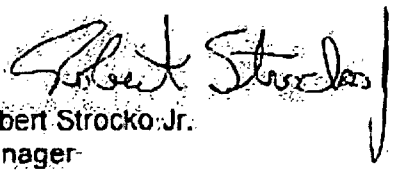


Analysis Report

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Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300

Respectfully Submitted,


Robert Strocko Jr.
Manager



Analysis Report

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Page 1 of 2

Lancaster Laboratories Sample No. WW5509332

Group No. 1116874

MW-16 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 14:38

by II

Account Number: 11842

Submitted: 10/25/2008 10:30

Reported: 11/07/2008 at 10:24

Discard: 12/08/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0442	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.155	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	3,920	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,130	200	mg/l	100
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	3.4	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/03/2008 09:19	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	10/31/2008 09:42	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	10/31/2008 09:42	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	11/04/2008 20:36	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/04/2008 20:36	John P Hook	1
07051	Chromium	SW-846 6010B	1	11/04/2008 20:36	John P Hook	1
07055	Lead	SW-846 6010B	1	11/04/2008 20:36	John P Hook	1
07066	Silver	SW-846 6010B	1	11/05/2008 15:38	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	10/28/2008 10:51	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	10/27/2008 12:45	Susan A Engle	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	10/30/2008 15:27	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/30/2008 15:27	Martha L Seidel	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	10/28/2008 08:55	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	10/31/2008 18:30	Nelli S Markaryan	1



Analysis Report

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Page 2 of 2

Lancaster Laboratories Sample No. WW5509332

Group No. 1116874

MW-16 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 14:38 by II

Account Number: 11842

Submitted: 10/25/2008 10:30
Reported: 11/07/2008 at 10:24
Discard: 12/08/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
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Analysis Report

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Page 1 of 2

Lancaster Laboratories Sample No. WW5509333

Group No. 1116874

MW-30 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 15:29

by II

Account Number: 11842

Submitted: 10/25/2008 10:30

Reported: 11/07/2008 at 10:24

Discard: 12/08/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	9.43	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,300	120		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	405	40.0		mg/l	20
08214	BTEX, MTBE (8021)						
00776	Benzene	71-43-2	230	1.0		ug/l	1
00777	Toluene	108-88-3	1.8	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	4.4	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

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

Laboratory Chronicle

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			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/03/2008 09:20	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	10/31/2008 09:47	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	10/31/2008 09:47	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	11/04/2008 20:40	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/04/2008 20:40	John P Hook	1
07051	Chromium	SW-846 6010B	1	11/04/2008 20:40	John P Hook	1
07055	Lead	SW-846 6010B	1	11/04/2008 20:40	John P Hook	1
07066	Silver	SW-846 6010B	1	11/05/2008 15:42	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	10/28/2008 10:51	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	10/27/2008 12:45	Susan A Engle	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	10/31/2008 09:49	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/31/2008 09:49	Martha L Seidel	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	10/28/2008 08:55	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	10/31/2008 18:30	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5509333

Group No. 1116874

MW-30 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 15:29 by II

Account Number: 11842

Submitted: 10/25/2008 10:30
Reported: 11/07/2008 at 10:24
Discard: 12/08/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705



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Page 1 of 2

Lancaster Laboratories Sample No. WW5509334

Group No. 1116874

MW-15 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 12:37 by II

Account Number: 11842

Submitted: 10/25/2008 10:30
Reported: 11/07/2008 at 10:24
Discard: 12/08/2008

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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0511	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	5,210	600		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,480	200		mg/l	100
08214	BTEX, MTBE (8021)						
00776	Benzene	71-43-2	6.1	1.0		ug/l	1
00777	Toluene	108-88-3	3.6	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/03/2008 09:21	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	10/31/2008 09:52	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	10/31/2008 09:52	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	11/04/2008 20:43	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/04/2008 20:43	John P Hook	1
07051	Chromium	SW-846 6010B	1	11/04/2008 20:43	John P Hook	1
07055	Lead	SW-846 6010B	1	11/04/2008 20:43	John P Hook	1
07066	Silver	SW-846 6010B	1	11/05/2008 15:45	Eric L Eby	1
00212	Total Dissolved Solids	EPA 160.1	1	10/28/2008 10:51	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	10/27/2008 12:45	Susan A Engle	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	10/30/2008 16:38	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/30/2008 16:38	Martha L Seidel	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	10/28/2008 08:55	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	10/31/2008 18:30	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5509334

Group No. 1116874

MW-15 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 12:37 by II

Account Number: 11842

Submitted: 10/25/2008 10:30
Reported: 11/07/2008 at 10:24
Discard: 12/08/2008

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Page 1 of 2

Lancaster Laboratories Sample No. WW5509335

Group No. 1116874

MW-29 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 16:04 by II

Account Number: 11842

Submitted: 10/25/2008 10:30
Reported: 11/07/2008 at 10:24
Discard: 12/08/2008

STANTEC International, Inc.
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Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	5.63	0.0250		mg/l	5
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,820	240		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	675	100		mg/l	50
08214	BTEX, MTBE (8021)						
00776	Benzene	71-43-2	340	1.0		ug/l	1
00777	Toluene	108-88-3	3.4	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	130	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	78	3.0		ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/03/2008 09:22	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/03/2008 01:09	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	11/03/2008 01:09	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	11/05/2008 04:45	Tara L Snyder	5
07049	Cadmium	SW-846 6010B	1	11/03/2008 01:09	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	11/03/2008 01:09	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	11/03/2008 01:09	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	11/03/2008 01:09	Tara L Snyder	1
00212	Total Dissolved Solids	EPA 160.1	1	10/28/2008 10:51	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	10/27/2008 12:45	Susan A Engle	50
08214	BTEX, MTBE (8021)	SW-846 8021B	1	10/31/2008 10:13	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/31/2008 10:13	Martha L Seidel	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	10/29/2008 15:44	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	10/31/2008 18:30	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5509335

Group No. 1116874

MW-29 Grab Water Sample
Eunice South Gas Plant

Collected: 10/22/2008 16:04 by II

Account Number: 11842

Submitted: 10/25/2008 10:30
Reported: 11/07/2008 at 10:24
Discard: 12/08/2008

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Analysis Report

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Lancaster Laboratories Sample No. WW5509336

Group No. 1116874

Trip_Blank Water Sample
Eunice South Gas Plant

Collected: 10/22/2008

Account Number: 11842

Submitted: 10/25/2008 10:30
Reported: 11/07/2008 at 10:24
Discard: 12/08/2008

STANTEC International, Inc.
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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08214	BTEX, MTBE (8021)	SW-846 8021B	1	10/30/2008 14:40	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/30/2008 14:40	Martha L Seidel	1

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/07/08 at 10:24 AM

Group Number: 1116874

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 08301112401A Chloride (titrimetric)	Sample number(s): 5509332-5509335			100		96-102		
Batch number: 083015705001	Sample number(s): 5509332-5509334							
Arsenic	< 0.0200	0.0200	mg/l	93		90-119		
Selenium	< 0.0200	0.0200	mg/l	98		80-120		
Barium	< 0.0050	0.0050	mg/l	100		90-110		
Cadmium	< 0.0050	0.0050	mg/l	101		90-112		
Chromium	< 0.0150	0.0150	mg/l	102		90-110		
Lead	< 0.0150	0.0150	mg/l	101		90-113		
Silver	< 0.0050	0.0050	mg/l	100		90-118		
Batch number: 08302021202A Total Dissolved Solids	Sample number(s): 5509332-5509335			< 30.0	30.0	mg/l 98	80-120	
Batch number: 083035705001	Sample number(s): 5509335							
Arsenic	< 0.0200	0.0200	mg/l	99		90-119		
Selenium	< 0.0200	0.0200	mg/l	102		80-120		
Barium	< 0.0050	0.0050	mg/l	97		90-110		
Cadmium	< 0.0050	0.0050	mg/l	100		90-112		
Chromium	< 0.0150	0.0150	mg/l	96		90-110		
Lead	< 0.0150	0.0150	mg/l	100		90-113		
Silver	< 0.0050	0.0050	mg/l	99		90-118		
Batch number: 08303A54B	Sample number(s): 5509332-5509335							
Benzene	< 1.0	1.0	ug/l	107	113	86-119	6	30
Toluene	< 1.0	1.0	ug/l	106	111	82-119	5	30
Ethylbenzene	< 1.0	1.0	ug/l	102	107	81-119	5	30
Total Xylenes	< 3.0	3.0	ug/l	105	109	82-120	4	30
Batch number: 083045713006 Mercury	Sample number(s): 5509332-5509335			< 0.00020	0.00020	mg/l 108	80-120	

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 08301112401A Chloride (titrimetric)	98	96	91-105	1	2	8.5	8.6	1 (1)	5

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/07/08 at 10:24 AM

Group Number: 1116874

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 083015705001	Sample number(s): 5509332-5509334 UNSPK: P503929 BKG: P503929								
Arsenic	100	100	75-125	0	20	< 0.0200	< 0.0200	0 (1)	20
Selenium	54*	65*	75-125	17	20	< 0.0200	< 0.0200	0 (1)	20
Barium	98	98	78-118	0	20	0.522	0.512	2	20
Cadmium	98	99	83-116	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	101	102	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Lead	101	105	75-125	4	20	< 0.0150	< 0.0150	0 (1)	20
Silver	104	105	75-125	1	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 08302021202A	Sample number(s): 5509332-5509335 UNSPK: 5509335 BKG: 5509335								
Total Dissolved Solids	99	103	54-143	2	12	1,820	1,900	4	9
Batch number: 083035705001	Sample number(s): 5509335 UNSPK: P507637 BKG: P507637								
Arsenic	88	84	75-125	2	20	0.203	0.220	8	20
Selenium	-60*	-60*	75-125	4	20	< 0.100	< 0.100	200* (1)	20
Barium	64*	64*	78-118	1	20	0.0254	0.0253	0	20
Cadmium	55*	52*	83-116	1	20	0.0931	0.0981	5	20
Chromium	65 (2)	68 (2)	81-120	0	20	0.933	0.936	0	20
Lead	49*	55*	75-125	4	20	0.112	0.109	3	20
Silver	79	84	75-125	5	20	< 0.0250	< 0.0250	0 (1)	20
Batch number: 08303A54B	Sample number(s): 5509332-5509335 UNSPK: P510816								
Benzene	89 (2)	86 (2)	78-131	0	30				
Toluene	71 (2)	70 (2)	78-129	0	30				
Ethylbenzene	104	107	75-133	1	30				
Total Xylenes	98	108	84-131	3	30				
Batch number: 083045713006	Sample number(s): 5509332-5509335 UNSPK: P508586 BKG: P508586								
Mercury	98	89	80-120	9	20	< 0.00020	< 0.00020	0 (1)	20

Surrogate Quality Control

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

Analysis Name: BTEX, MTBE (8021)
Batch number: 08303A53B
Trifluorotoluene-P

5509336 108

Limits: 69-129

Analysis Name: BTEX, MTBE (8021)
Batch number: 08303A54B
Trifluorotoluene-P

5509332 106

5509333 115

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/07/08 at 10:24 AM

Group Number: 1116874

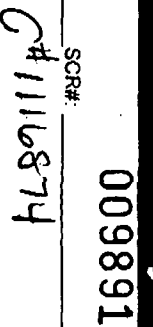
Surrogate Quality Control

5509334	106
5509335	114
Blank	106
LCS	105
LCSD	108
MS	110
MSD	110

Limits: 69-129

*- Outside of specification

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



Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories, Inc., 2425 New Holland Pike, P.O. Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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ANALYTICAL RESULTS

Prepared for:

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

432-685-0627

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425**SAMPLE GROUP**

The sample group for this submittal is 1117800. Samples arrived at the laboratory on Friday, October 31, 2008. The PO# for this group is 89CH.49527.07.1000 and the release number is EUNICE SOUTH GP.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MW-32 Grab Water Sample	5514688
MW-8 Grab Water Sample	5514689
MW-34 Grab Water Sample	5514690
MWD-4 Grab Water Sample	5514691
MW-7 Grab Water Sample	5514692
MW-6 Grab Water Sample	5514693
MWD-13 Grab Water Sample	5514694
MW-13 Grab Water Sample	5514695
DUP-100 Grab Water Sample	5514696
MW-14 Grab Water Sample	5514697
MW-31 Grab Water Sample	5514698
MW-3 Grab Water Sample	5514699
TMW-1 Grab Water Sample	5514700
MWD-11 Grab Water Sample	5514701
MW-18 Grab Water Sample	5514702
MWD-8 Grab Water Sample	5514703
MWD-2 Grab Water Sample	5514704
MW-4 Grab Water Sample	5514705
MWD-1 Grab Water Sample	5514706
MW-17 Grab Water Sample	5514707
MWD-7 Grab Water Sample	5514708
DUP-101 Grab Water Sample	5514709
TMW-3 Grab Water Sample	5514710
TMW-6 Grab Water Sample	5514711



Analysis Report

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ELECTRONIC STANTEC International, Inc.
COPY TO

Attn: Bo Vizcaino

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300

Respectfully Submitted,


Sarah Snyder
Specialist



Analysis Report

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Page 1 of 2

Lancaster Laboratories Sample No. WW5514688

Group No. 1117800

MW-32 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 10:37

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:56

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	2.97	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	3,770	600		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,280	100		mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	34	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	8.4	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	5.3	3.0		ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/04/2008 07:59	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 20:41	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 20:41	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 22:05	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 20:41	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 20:41	Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 20:41	Thomas F McLamb Sr	1



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Lancaster Laboratories Sample No. WW5514688

Group No. 1117800

MW-32 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 10:37 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:56
Discard: 12/13/2008

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07066	Silver	SW-846 6010B	1	11/05/2008 20:41	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 13:55	Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	11/04/2008 13:52	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/04/2008 13:52	Carrie E Youtzy	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/03/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514689

Group No. 1117800

MW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 11:34

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:56

Discard: 12/13/2008

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CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0491	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0907	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	4,660	600		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,860	100		mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	2.2	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	1.7	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Analyst	Dilution Factor
			Trial#	Date and Time			
00259	Mercury	SW-846 7470A	1	11/04/2008 08:00		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:27		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:27		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 22:52		John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:27		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:27		Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:27		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 21:27		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30		Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35		Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	11/04/2008 14:37		Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/04/2008 14:37		Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5514689

Group No. 1117800

MW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 11:34 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:56
Discard: 12/13/2008

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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/03/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514690

Group No. 1117800

MW-34 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 13:04

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

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			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	1.64	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	578	60.0	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	72.5	20.0	mg/l	10
08213	BTEX (8021)					
00776	Benzene	71-43-2	56	1.0	ug/l	1
00777	Toluene	108-88-3	33	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	210	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	240	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/04/2008 08:01		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:31		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:31		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 22:55		John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:31		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:31		Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:31		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 21:31		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30		Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35		Susan A Engle	10
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 11:14		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 11:14		Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514690

Group No. 1117800

MW-34 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 13:04 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/03/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514691

Group No. 1117800

MWD-4 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 13:36 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

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CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0329	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.692	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,190	120		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	218	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	< 10	10		ug/l	1
00777	Toluene	108-88-3	2.7	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	23	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	25	3.0		ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
benzene

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/04/2008 08:03	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:33	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:33	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 22:58	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:33	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:33	Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:33	Thomas F McLamb Sr	1



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Lancaster Laboratories Sample No. WW5514691

Group No. 1117800

MWD-4 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 13:36 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

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07066	Silver	SW-846 6010B	1	11/05/2008 21:33	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	11/06/2008 01:47	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/06/2008 01:47	Martha L Seidel	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/03/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514692

Group No. 1117800

MW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 14:12 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

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Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0281	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.188	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,150	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	75.9	20.0	mg/l	10
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 5.0	5.0	ug/l	1
00777	Toluene	108-88-3	1.2	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	13	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	13	3.0	ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
benzene

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/04/2008 08:04		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:37		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:37		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:02		John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:37		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:37		Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:37		Thomas F McLamb Sr	1



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Lancaster Laboratories Sample No. WW5514692

Group No. 1117800

MW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 14:12 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

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Midland TX 79705

07066	Silver	SW-846 6010B	1	11/05/2008 21:37	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	10
08213	BTEX (8021)	SW-846 8021B	1	11/06/2008 02:10	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/06/2008 02:10	Martha L Seidel	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/03/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514693

Group No. 1117800

MW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 15:09

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

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			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0305	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0431	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	11,600	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,970	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	3.9	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	7.7	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	8.3	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/04/2008 08:05		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:40		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:40		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:05		John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:40		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:40		Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:40		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 21:40		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	2	11/12/2008 12:50		Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/06/2008 02:34		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/06/2008 02:34		Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514693

Group No. 1117800

MW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 15:09 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/03/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514694

Group No. 1117800

MWD-13 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 16:08

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

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Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0319	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0277	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	6,520	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,320	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	2.4	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	5.6	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	5.9	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 06:55	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:49	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:49	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:14	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:49	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:49	Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:49	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 21:49	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/06/2008 02:57	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/06/2008 02:57	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514694

Group No. 1117800

MWD-13 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 16:08 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514695

Group No. 1117800

MW-13 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 16:45

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0312	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	2.94	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,180	120		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	370	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	32	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	5.7	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	6.8	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 06:56	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:52	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:52	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:17	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:52	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:52	Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:52	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 21:52	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	11/06/2008 03:21	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/06/2008 03:21	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514695

Group No. 1117800

MW-13 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 16:45 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514696

Group No. 1117800

DUP-100 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0234	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0430	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	11,200	1,200		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,890	400		mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	3.8	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	7.4	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	8.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 06:57		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:56		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:56		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:20		John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:56		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:56		Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:56		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 21:56		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	2	11/12/2008 12:50		Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/06/2008 00:37		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/06/2008 00:37		Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514696

Group No. 1117800

DUP-100 Grab Water Sample
Eunice South Gas Plant

Collected: 10/27/2008 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514697

Group No. 1117800

MW-14 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 10:52 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0604	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,470	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	418	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 5.0	5.0	ug/l	1
00777	Toluene	108-88-3	1.6	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.4	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.4	3.0	ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent.
benzene

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 06:59	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 21:59	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 21:59	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:24	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 21:59	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 21:59	Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 21:59	Thomas F McLamb Sr	1



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Lancaster Laboratories Sample No. WW5514697

Group No. 1117800

MW-14 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 10:52 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
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Midland TX 79705

07066	Silver	SW-846 6010B	1	11/05/2008 21:59	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	11/05/2008 19:55	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/05/2008 19:55	Martha L Seidel	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514698

Group No. 1117800

MW-31 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 11:27 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0477	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	8.76	0.0250	mg/l	5
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,370	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	444	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,700	5.0	ug/l	20
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	330	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	< 15	15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:00	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 22:02	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 22:02	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:37	John P Hook	5
07049	Cadmium	SW-846 6010B	1	11/05/2008 22:02	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 22:02	Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 22:02	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 22:02	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Volunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 11:37	Martha L Seidel	5
08213	BTEX (8021)	SW-846 8021B	1	11/11/2008 10:33	Martha L Seidel	20



Analysis Report

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Lancaster Laboratories Sample No. WW5514698

Group No. 1117800

MW-31 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 11:27 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
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Midland TX 79705

01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2008 10:33	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	2	11/07/2008 11:37	Martha L Seidel	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514699

Group No. 1117800

MW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 13:30

by JJ

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0698	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	718	60.0	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	109	20.0	mg/l	10
08213	BTEX (8021)					
00776	Benzene	71-43-2	160	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	31	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.4	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:01	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 22:05	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 22:05	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:30	John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 22:05	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 22:05	Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 22:05	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 22:05	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	10
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 23:01	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 23:01	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514699

Group No. 1117800

MW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 13:30 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Connors	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514700

Group No. 1117800

TMW-1 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 14:01

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0462	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	1.10	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	3,560	600		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,770	200		mg/l	100
08213	BTEX (8021)						
00776	Benzene	71-43-2	94	1.0		ug/l	1
00777	Toluene	108-88-3	2.1	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	24	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	4.4	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 07:02		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/05/2008 22:08		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/05/2008 22:08		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 23:33		John P Hook	1
07049	Cadmium	SW-846 6010B	1	11/05/2008 22:08		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/05/2008 22:08		Thomas F McLamb Sr	1
07055	Lead	SW-846 6010B	1	11/05/2008 22:08		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/05/2008 22:08		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30		Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35		Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 12:24		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 12:24		Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514700

Group No. 1117800

TMW-1 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 14:01 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 08:50	Denise K Conners	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514701

Group No. 1117800

MWD-11 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 14:45 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0791	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	5,050	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,580	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	52	1.0	ug/l	1
00777	Toluene	108-88-3	3.5	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	17	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.7	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 08:33	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 18:37	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 18:37	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 18:37	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 18:37	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:33	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 18:37	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 18:37	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 12:48	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 12:48	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514701

Group No. 1117800

MWD-11 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 14:45 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514702

Group No. 1117800

MW-18 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 15:20

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0733	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	5,170	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,510	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	1.2	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	13	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 08:37	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 18:40	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 18:40	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 18:40	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 18:40	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:37	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 18:40	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 18:40	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 13:11	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 13:11	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514702

Group No. 1117800

MW-18 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 15:20 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514703

Group No. 1117800

MWD-8 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 16:10

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0652	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	0.0155	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	19,800	2,400		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	11,500	800		mg/l	400
08213	BTEX (8021)						
00776	Benzene	71-43-2	29	1.0		ug/l	1
00777	Toluene	108-88-3	2.1	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	10	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 08:39		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 18:44		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 18:44		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 18:44		Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 18:44		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:40		Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 18:44		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 18:44		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/03/2008 12:30		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35		Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 13:34		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 13:34		Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514703

Group No. 1117800

MWD-8 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 16:10 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514704

Group No. 1117800

MWD-2 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 17:00

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0663	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	32,700	6,000		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	19,900	2,000		mg/l	1000
08213	BTEX (8021)						
00776	Benzene	71-43-2	28	1.0		ug/l	1
00777	Toluene	108-88-3	1.8	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	8.9	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 08:40	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 18:47	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 18:47	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 18:47	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 18:47	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:44	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 18:47	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 18:47	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 13:58	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 13:58	Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514704

Group No. 1117800

MWD-2 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 17:00 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514705

Group No. 1117800

MW-4 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 17:35

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0391	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	9,080	1,200		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,500	400		mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	22	1.0		ug/l	1
00777	Toluene	108-88-3	1.1	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	9.5	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 08:41	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 18:50	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 18:50	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 18:50	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 18:50	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:48	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 18:50	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 18:50	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 14:21	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 14:21	Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514705

Group No. 1117800

MW-4 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 17:35 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514706

Group No. 1117800

MWD-1 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 11:30

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0378	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	21,700	2,400		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	11,400	800		mg/l	400
08213	BTEX (8021)						
00776	Benzene	71-43-2	18	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	6.5	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 08:43		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 18:54		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 18:54		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 18:54		Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 18:54		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:52		Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 18:54		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 18:54		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35		Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 14:45		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 14:45		Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514706

Group No. 1117800

MWD-1 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 11:30 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514707

Group No. 1117800

MW-17 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 13:10

by JJ

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0397	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	8,300	1,200		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,300	400		mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	14	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	6.8	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 08:44		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 18:57		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 18:57		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 18:57		Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 18:57		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:56		Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 18:57		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 18:57		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35		Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 15:32		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 15:32		Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514707

Group No. 1117800

MW-17 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 13:10 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514708

Group No. 1117800

MWD-7 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 13:43 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0283	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	15,100	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	8,360	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	9.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	5.1	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 08:45		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:00		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:00		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:00		Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:00		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 12:59		Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:00		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 19:00		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/03/2008 15:35		Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 15:55		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 15:55		Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514708

Group No. 1117800

MWD-7 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 13:43 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514709

Group No. 1117800

DUP-101 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0447	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	9,260	1,200		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,590	200		mg/l	100
08213	BTEX (8021)						
00776	Benzene	71-43-2	22	1.0		ug/l	1
00777	Toluene	108-88-3	1.2	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	9.6	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 08:46		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:09		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:09		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:09		Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:09		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 13:03		Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:09		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 19:09		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23		Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 16:19		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 16:19		Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514709

Group No. 1117800

DUP-101 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514710

Group No. 1117800

TMW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 14:36

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0627	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	2.06	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,740	240	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	695	100	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	14	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	7.7	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	4.4	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/05/2008 07:10		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:13		Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:13		Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:13		Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:13		Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 13:07		Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:13		Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 19:13		Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18		Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23		Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 16:42		Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 16:42		Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514710

Group No. 1117800

TMW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 14:36 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Page 1 of 2

Lancaster Laboratories Sample No. WW5514711

Group No. 1117800

TMW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 15:13

by JI

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/12/2008 at 19:57

Discard: 12/13/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0757	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.863	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,340	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	401	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,600	10	ug/l	10
00777	Toluene	108-88-3	< 10	10	ug/l	10
00778	Ethylbenzene	100-41-4	350	10	ug/l	10
00779	Total Xylenes	1330-20-7	110	30	ug/l	10

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:11	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:16	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:16	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:16	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:16	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 13:18	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:16	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 19:16	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 23:24	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 23:24	Martha L Seidel	10



Analysis Report

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Lancaster Laboratories Sample No. WW5514711

Group No. 1117800

TMW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 15:13 by JI

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/12/2008 at 19:57
Discard: 12/13/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/12/08 at 07:57 PM

Group Number: 1117800

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 083055705002	Sample number(s): 5514701-5514711							
Arsenic	< 0.0200	0.0200	mg/l	101		90-119		
Selenium	< 0.0200	0.0200	mg/l	106		80-120		
Barium	< 0.0050	0.0050	mg/l	96		90-110		
Cadmium	< 0.0050	0.0050	mg/l	100		90-112		
Chromium	< 0.0150	0.0150	mg/l	98		90-110		
Lead	< 0.0150	0.0150	mg/l	97		90-113		
Silver	< 0.0050	0.0050	mg/l	98		90-118		
Batch number: 083055713006	Sample number(s): 5514688-5514693							
Mercury	< 0.00020	0.00020	mg/l	90		80-120		
Batch number: 08308021203A	Sample number(s): 5514688-5514703							
Total Dissolved Solids	< 30.0	30.0	mg/l	93		80-120		
Batch number: 08308112402B	Sample number(s): 5514688							
Chloride (titrimetric)				98		96-102		
Batch number: 08308112403A	Sample number(s): 5514689-5514692, 5514694-5514695, 5514697-5514708							
Chloride (titrimetric)				97		96-102		
Batch number: 083085705001	Sample number(s): 5514688-5514700							
Arsenic	< 0.0200	0.0200	mg/l	102		90-119		
Selenium	< 0.0200	0.0200	mg/l	107		80-120		
Barium	< 0.0050	0.0050	mg/l	95		90-110		
Cadmium	< 0.0050	0.0050	mg/l	101		90-112		
Chromium	< 0.0150	0.0150	mg/l	99		90-110		
Lead	< 0.0150	0.0150	mg/l	100		90-113		
Silver	< 0.0050	0.0050	mg/l	96		90-118		
Batch number: 083085713002	Sample number(s): 5514694-5514700, 5514710-5514711							
Mercury	< 0.00020	0.00020	mg/l	109		80-120		
Batch number: 08308A13A	Sample number(s): 5514688-5514689							
Benzene	< 1.0	1.0	ug/l	86	88	86-119	2	30
Toluene	< 1.0	1.0	ug/l	86	87	82-119	1	30
Ethylbenzene	< 1.0	1.0	ug/l	87	89	81-119	2	30
Total Xylenes	< 3.0	3.0	ug/l	90	92	82-120	2	30
Batch number: 08309021202A	Sample number(s): 5514704-5514711							
Total Dissolved Solids	< 30.0	30.0	mg/l	106		80-120		
Batch number: 083095713003	Sample number(s): 5514701-5514709							
Mercury	< 0.00020	0.00020	mg/l	104		80-120		

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/12/08 at 07:57 PM

Group Number: 1117800

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 08310A54A	Sample number(s): 5514691-5514697							
Benzene	< 1.0	1.0	ug/l	102	100	86-119	2	30
Toluene	< 1.0	1.0	ug/l	102	100	82-119	2	30
Ethylbenzene	< 1.0	1.0	ug/l	102	100	81-119	2	30
Total Xylenes	< 3.0	3.0	ug/l	106	104	82-120	3	30
Batch number: 08311A54B	Sample number(s): 5514690, 5514698-5514711							
Benzene	< 1.0	1.0	ug/l	94	105	86-119	12	30
Toluene	< 1.0	1.0	ug/l	94	105	82-119	11	30
Ethylbenzene	< 1.0	1.0	ug/l	94	105	81-119	12	30
Total Xylenes	< 3.0	3.0	ug/l	98	109	82-120	10	30
Batch number: 08312112401A Chloride (titrimetric)	Sample number(s): 5514709-5514711 99							
						96-102		
Batch number: 08315A54A	Sample number(s): 5514698							
Benzene	< 1.0	1.0	ug/l	115	109	86-119	6	30
Batch number: 08317112401A Chloride (titrimetric)	Sample number(s): 5514693, 5514696 99							
						96-102		

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 083055705002	Sample number(s): 5514701-5514711 UNSPK: P511694 BKG: P511694								
Arsenic	96	107	75-125	6	20	0.137	0.143	4	20
Selenium	130*	128*	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	81	77*	78-118	4	20	0.0442	0.0466	5	20
Cadmium	67*	79*	83-116	13	20	0.0104	< 0.0050	79* (1)	20
Chromium	90	116	81-120	5	20	0.754	0.784	4	20
Lead	78	78	75-125	0	20	0.0933	0.0983	5	20
Silver	71*	61*	75-125	15	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 083055713006 Mercury	Sample number(s): 5514688-5514693 UNSPK: P511709 BKG: P511709								
	104	103	80-120	1	20	< 0.0020	< 0.0020	0 (1)	20
Batch number: 08308021203A Total Dissolved Solids	Sample number(s): 5514688-5514703 UNSPK: 5514691 BKG: 5514688								
	100	94	54-143	2	12	3,770	3,880	3	9
Batch number: 08308112402B Chloride (titrimetric)	Sample number(s): 5514688 UNSPK: P512298 BKG: P512298								
	90*	88*	91-105	2	2	13,100	13,200	1 (1)	5
Batch number: 08308112403A Chloride (titrimetric)	Sample number(s): 5514689-5514692, 5514694-5514695, 5514697-5514708 UNSPK: 5514699 BKG: 5514699								
	97	96	91-105	1	2	109	110	0	5
Batch number: 083085705001	Sample number(s): 5514688-5514700 UNSPK: 5514688 BKG: 5514688								

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/12/08 at 07:57 PM

Group Number: 1117800

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup Max	RPD
Arsenic	107	106	75-125	0	20	< 0.0200	< 0.0200	2 (1)	20	
Selenium	112	110	75-125	2	20	< 0.0200	< 0.0200	0 (1)	20	
Barium	72*	74*	78-118	1	20	2.97	3.00	1	20	
Cadmium	95	95	83-116	0	20	< 0.0050	< 0.0050	0 (1)	20	
Chromium	89	91	81-120	2	20	< 0.0150	< 0.0150	0 (1)	20	
Lead	87	88	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20	
Silver	96	98	75-125	2	20	< 0.0050	< 0.0050	0 (1)	20	
Batch number: 083085713002	Sample number(s): 5514694-5514700, 5514710-5514711 UNSPK: P512226 BKG: P512226									
Mercury	109	103	80-120	5	20	< 0.00020	< 0.00020	71* (1)	20	
Batch number: 08308A13A	Sample number(s): 5514688-5514689 UNSPK: P513370									
Benzene	119		78-131							
Toluene	111		78-129							
Ethylbenzene	114		75-133							
Total Xylenes	115		84-131							
Batch number: 08309021202A	Sample number(s): 5514704-5514711 UNSPK: 5514710 BKG: 5514710									
Total Dissolved Solids	102	95	54-143	3	12	1,740	1,620	7		9
Batch number: 083095713003	Sample number(s): 5514701-5514709 UNSPK: P512230 BKG: P512230									
Mercury	101	103	80-120	2	20	< 0.00020	< 0.00020	0 (1)	20	
Batch number: 08310A54A	Sample number(s): 5514691-5514697 UNSPK: P513486									
Benzene	96	74*	78-131	8	30					
Toluene	119	112	78-129	5	30					
Ethylbenzene	118	112	75-133	5	30					
Total Xylenes	119	115	84-131	4	30					
Batch number: 08311A54B	Sample number(s): 5514690, 5514698-5514711 UNSPK: 5514704									
Benzene	115		78-131							
Toluene	118		78-129							
Ethylbenzene	115		75-133							
Total Xylenes	120		84-131							
Batch number: 08312112401A	Sample number(s): 5514709-5514711 UNSPK: P513811 BKG: P513811									
Chloride (titrimetric)	95	97	91-105	1	2	725	730	1		5
Batch number: 08315A54A	Sample number(s): 5514698 UNSPK: P514676									
Benzene	116		78-131							
Batch number: 08317112401A	Sample number(s): 5514693, 5514696 UNSPK: P525222 BKG: P525222									
Chloride (titrimetric)	102	100	91-105	1	2	5,190	5,370	3		5

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/12/08 at 07:57 PM

Group Number: 1117800

Surrogate Quality Control

Batch number: 08308A13A
Trifluorotoluene-P

5514688	124
5514689	126
Blank	128
LCS	125
LCSD	126
MS	125

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08310A54A
Trifluorotoluene-P

5514691	106
5514692	105
5514693	106
5514694	105
5514695	107
5514696	105
5514697	105
Blank	106
LCS	106
LCSD	105
MS	107
MSD	107

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08311A54B
Trifluorotoluene-P

5514690	105
5514698	119
5514699	111
5514700	32*
5514701	107
5514702	107
5514703	106
5514704	107
5514705	106
5514706	107
5514707	107
5514708	107
5514709	107
5514710	105
5514711	113
Blank	105
LCS	106
LCSD	106
MS	108

Limits: 69-129

Analysis Name: BTEX (8021)

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/12/08 at 07:57 PM

Group Number: 1117800

Surrogate Quality Control

Batch number: 08315A54A
Trifluorotoluene-P

5514698	113
Blank	110
LCS	106
LCSD	106
MS	106

Limits: 69-129

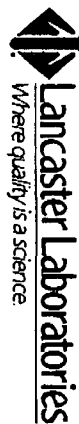
*- Outside of specification

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

Chevron Generic Analysis Request/Chain of Custody

Facility #: <u>Service / 890445 527.08, 1000</u>		Analyses Requested Grp # <u>1117800</u>	
Site Address: <u>Fernis, NM,</u>		Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run ____ oxy's on highest hit ☐ Run ____ oxy's on all hits	
Chevron PM: <u>Steve Horner</u> Lead Consultant: <u>Scott Chivier</u>			
Consultant/Office: <u>Statewide / M.D. 2600</u>			
Consultant Pjt. Mgr.: <u>Bob L. Cicciolo</u>			
Consultant Phone #: <u>432-685-0627</u> Fax #: <u>432-687-1598</u>			
Sampler: <u>SE / JSL</u>			
Service Order #: _____ ☐ Non SAR:			
Sample Identification	Date Collected	Time Collected	Grab Composite
MAL-32	10-27-08	1037	X
MAL-38	10-27-08	1134	X
MAL-34	10-27-08	1304	X
MAL-30-4	10-27-08	1336	X
MAL-27	10-27-08	1412	X
MAL-26	10-27-08	1509	X
MAL-23	10-27-08	1608	X
MAL-100	10-27-08	1645	X
MAL-14	10-28-08	1052	X
MAL-31	10-28-08	1127	X
MAL-3	10-28-08	1330	X
MAL-2	10-28-08	1401	X
Turnaround Time Requested (TAT) (please circle)		Relinquished by: <u>[Signature]</u> Date: <u>10/30/08</u> Time: <u>7:00</u>	
STD TAT	24 hour	72 hour	48 hour
Data Package Options (please circle if required)		Relinquished by: _____ Date: _____ Time: _____	
QC Summary	Type I - Full	Relinquished by: _____ Date: _____ Time: _____	
Type VI (Raw Data)	Disk / EDD	Relinquished by: _____ Date: _____ Time: _____	
WIP (RWOCB)	Standard Format	Relinquished by: _____ Date: _____ Time: _____	
Disk	Other: _____	Relinquished by: _____ Date: _____ Time: _____	
Temperature Upon Receipt: <u>DTG 11 C°</u>		Received by: _____ Date: _____ Time: _____	
Custody Seals Intact? <u>(Yes)</u>		Received by: _____ Date: _____ Time: _____	
Comments / Remarks <u>*Note Met h 015</u> <u>Field G/LH-00X</u>		Date: _____ Time: _____	

Chevron Generic Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. # 11842 Sample # 5514688-711 SCR# 009871

Grp # 1117800

Facility #: <u>5 Service / 800445527.08.1000</u> Site Address: <u>Levittown, PA</u> Chevron PM: <u>Gene Homer</u> Lead Consultant: <u>Scott Oliver</u> Consultant/Office: <u>Scientific Products</u> Consultant Proj. Mgr.: <u>Robert Anderson</u> Consultant Phone #: <u>412-6850627</u> Fax #: <u>412-682-1598</u> Sampler: <u>EE / JSL</u> Service Order #: <u> </u> ☐ Non SAR: <u> </u>		Matrix: ☐ Potable ☐ NPDES Soil ☐ Water ☐ Air ☐ Oil ☐		Total Number of Containers: <u> </u> BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐ 8260 full scan ☐ Oxygenates ☐ TPH G ☐ TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup ☐ Lead Total ☐ Diss. ☐ Method ☐ VPH/EPH ☐ quantification ☐ NWTPH H+HCl ☐ quantification ☐ <u>H₂, A₁, B₂, C₂, C₁, Pb, A₁</u> <u>Cl-TPDS (325.3)</u>		Preservation Codes: <u> </u> H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other ☐ J value reporting needed ☐ Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation ☐ Confirm MTBE + Naphthalene ☐ Confirm highest hit by 8260 ☐ Confirm all hits by 8260 ☐ Run <u> </u> oxy's on highest hit ☐ Run <u> </u> oxy's on all hits																									
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE	8021	8260	Naphth	8260 full scan	Oxygenates	TPH G	TPH D	Extended Rng.	Silica Gel Cleanup	Lead Total	Diss.	Method	VPH/EPH	NWTPH H+HCl	quantification	H ₂ , A ₁ , B ₂ , C ₂ , C ₁ , Pb, A ₁	Cl-TPDS (325.3)	Preservative Codes	Comments / Remarks		
MWD-11	10-28-08	1445	X			X			5	3																					
MWD-18	10-28-08	1520	X			X			5	3																					
MWD-8	10-28-08	1610	X			X			5	3																					
MWD-2	10-28-08	1700	X			X			5	3																					
MWD-4	10-28-08	1735	X			X			5	3																					
MWD-1	10-29-08	1130	X			X			5	3																					
MWD-17	10-29-08	1310	X			X			5	3																					
MWD-7	10-29-08	1343	X			X			5	3																					
MWD-101	10-28-08	1436	X			X			5	3																					
MWD-3	10-29-08	1436	X			X			5	3																					
MWD-6	10-29-08	1513	X			X			5	3																					
Turnaround Time Requested (TAT) (please circle)		72 hour		48 hour		24 hour																									
Data Package Options (please circle if required)		Type I - Full		Disk / EDD		Standard Format		Other: <u> </u>																							
Relinquished by: <u> </u>		Date: <u>10-30-08</u>		Time: <u>1200</u>		Received by: <u> </u>		Date: <u> </u>		Time: <u> </u>		Received by: <u> </u>		Date: <u> </u>		Time: <u> </u>		Received by: <u> </u>		Date: <u> </u>		Time: <u> </u>		Received by: <u> </u>		Date: <u> </u>		Time: <u> </u>			
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Lancaster Laboratories Explanation of Symbols and Abbreviations

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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



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Analysis Report

ANALYTICAL RESULTS

Prepared for:

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

432-685-0627

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1117801. Samples arrived at the laboratory on Friday, October 31, 2008. The PO# for this group is 89CH.49527.07.1000 and the release number is EUNICE SOUTH GP.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MWD-9 Grab Water Sample	5514712
MW-23 Grab Water Sample	5514713
MWD-17 Grab Water Sample	5514714
MWD-15 Grab Water Sample	5514715
MWD-14 Grab Water Sample	5514716
MWD-3 Grab Water Sample	5514717
MW-22 Grab Water Sample	5514718
MWD-16 Grab Water Sample	5514719
MWD-10 Grab Water Sample	5514720
TMW-5 Grab Water Sample	5514721
MWD-12 Grab Water Sample	5514722
DUP#200 Grab Water Sample	5514723
MW-24 Grab Water Sample	5514724
MW-25 Grab Water Sample	5514725
Trip Blank Water Sample	5514726
DUP-102 Grab Water Sample	5514727
RW-6 Grab Water Sample	5514728
RW-7 Grab Water Sample	5514729
RW-8 Grab Water Sample	5514730
MW-26 Grab Water Sample	5514731
Trip Blank Water Sample	5514732
Trip Blank Water Sample	5514733
Trip Blank Water Sample	5514734
Trip Blank Water Sample	5514735
Trip Blank Water Sample	5514736



Analysis Report

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MWD-6 Grab Water Sample	5514737
MW-9 Grab Water Sample	5514738
MWD-5 Grab Water Sample	5514739
Trip Blank Water Sample	5514740

ELECTRONIC STANTEC International, Inc.
COPY TO

Attn: Bo Vizcaino

Questions? Contact your Client Services Representative
Wendy A Kozma at (717) 656-2300

Respectfully Submitted,


Sarah Snyder
Specialist



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Lancaster Laboratories Sample No. WW5514712

Group No. 1117801

MWD-9 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 11:55

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:18

Discard: 12/14/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0601	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	33,200	2,400		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	20,700	2,000		mg/l	1000
08213	BTEX (8021)						
00776	Benzene	71-43-2	11	1.0		ug/l	1
00777	Toluene	108-88-3	1.5	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	1.5	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:13	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:19	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:19	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:19	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:19	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 13:22	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:19	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 19:19	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 17:29	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 17:29	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514712

Group No. 1117801

MWD-9 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 11:55 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:18
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514713

Group No. 1117801

MW-23 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 13:08 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:18
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0618	0.0200	mg/l	1
07036	Selenium	7782-49-2	0.0218	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0675	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	18,000	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	11,400	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	1.2	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:14	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:22	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:22	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:22	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:22	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 13:26	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:22	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 19:22	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 17:52	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 17:52	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514713

Group No. 1117801

MW-23 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 13:08 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:18
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514714

Group No. 1117801

MWD-17 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 14:33 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:18
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.218	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.237	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	65,200	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	35,500	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	2,300	10	ug/l	10
00777	Toluene	108-88-3	< 10	10	ug/l	10
00778	Ethylbenzene	100-41-4	19	10	ug/l	10
00779	Total Xylenes	1330-20-7	< 30	30	ug/l	10

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:15	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:25	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:25	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:25	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:25	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 13:30	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:25	Thomas F McLamb Sr	1



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Lancaster Laboratories Sample No. WW5514714

Group No. 1117801

MWD-17 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 14:33 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:18
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

07066	Silver	SW-846 6010B	1	11/06/2008 19:25	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 18:16	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 18:16	Martha L Seidel	10
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514715

Group No. 1117801

MWD-15 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 15:40

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

STANTEC International, Inc.

3300 N. A St.

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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0632	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.395	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	39,800	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	22,400	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	460	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	79	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	25	15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	11/05/2008 07:16	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/06/2008 19:28	Thomas F McLamb Sr	1
07036	Selenium	SW-846 6010B	1	11/06/2008 19:28	Thomas F McLamb Sr	1
07046	Barium	SW-846 6010B	1	11/06/2008 19:28	Thomas F McLamb Sr	1
07049	Cadmium	SW-846 6010B	1	11/06/2008 19:28	Thomas F McLamb Sr	1
07051	Chromium	SW-846 6010B	1	11/12/2008 13:34	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	11/06/2008 19:28	Thomas F McLamb Sr	1
07066	Silver	SW-846 6010B	1	11/06/2008 19:28	Thomas F McLamb Sr	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/07/2008 18:39	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/07/2008 18:39	Martha L Seidel	5



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Lancaster Laboratories Sample No. WW5514715

Group No. 1117801

MWD-15 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 15:40 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514716

Group No. 1117801

MWD-14 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 16:42 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0541	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.170	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	20,300	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	12,900	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,500	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	15	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	< 15	15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:17	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 13:49	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 13:49	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 13:49	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 13:49	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 13:49	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 13:49	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 13:49	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/11/2008 12:54	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2008 12:54	Martha L Seidel	5



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Lancaster Laboratories Sample No. WW5514716

Group No. 1117801

MWD-14 Grab Water Sample
Eunice South Gas Plant

Collected: 10/28/2008 16:42 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514717

Group No. 1117801

MWD-3 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 11:03

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0291	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.515	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	69,200	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	43,500	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	4,600	20	ug/l	20
00777	Toluene	108-88-3	< 20	20	ug/l	20
00778	Ethylbenzene	100-41-4	160	20	ug/l	20
00779	Total Xylenes	1330-20-7	74	60	ug/l	20

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:18	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:03	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:03	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:03	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:03	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:03	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:03	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:03	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/04/2008 09:18	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/10/2008 13:28	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2008 13:28	Martha L Seidel	20



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Lancaster Laboratories Sample No. WW5514717

Group No. 1117801

MWD-3 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 11:03 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514718

Group No. 1117801

MW-22 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 11:15

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0347	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.566	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	10,800	1,200		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	6,500	400		mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	1,200	5.0		ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0		ug/l	5
00778	Ethylbenzene	100-41-4	32	5.0		ug/l	5
00779	Total Xylenes	1330-20-7	19	15		ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:19	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:08	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:08	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:08	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:08	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:08	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:08	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:08	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:19	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 22:54	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 22:54	Martha L Seidel	5



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Lancaster Laboratories Sample No. WW5514718

Group No. 1117801

MW-22 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 11:15 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514719

Group No. 1117801

MWD-16 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 13:27 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0337	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.869	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	17,000	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	9,920	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	730	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	280	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	150	15	ug/l	5

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:23	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:12	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:12	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:12	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:12	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:12	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:12	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5514719

Group No. 1117801

MWD-16 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 13:27 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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07066	Silver	SW-846 6010B	1	11/08/2008 14:12	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:19	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 23:18	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 23:18	Martha L Seidel	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514720

Group No. 1117801

MWD-10 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 14:19

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

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			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0711	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.575	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	12,100	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	7,010	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	820	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	42	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	< 15	15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:24	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:17	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:17	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:17	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:17	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:17	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:17	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:17	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:19	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/10/2008 13:51	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2008 13:51	Martha L Seidel	5



Analysis Report

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Lancaster Laboratories Sample No. WW5514720

Group No. 1117801

MWD-10 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 14:19 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514721

Group No. 1117801

TMW-5 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 15:05

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

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CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0727	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.487	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	7,940	1,200		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,780	400		mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	1,800	5.0		ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0		ug/l	5
00778	Ethylbenzene	100-41-4	60	5.0		ug/l	5
00779	Total Xylenes	1330-20-7	17	15		ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/05/2008 07:26	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:21	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:21	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:21	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:21	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:21	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:21	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:21	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:19	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPa 325.3	1	11/07/2008 09:23	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/10/2008 16:38	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2008 16:38	Martha L Seidel	5



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Lancaster Laboratories Sample No. WW5514721

Group No. 1117801

TMW-5 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 15:05 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/04/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514722

Group No. 1117801

MWD-12 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 16:02 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0511	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.497	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	9,520	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,980	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	650	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	37	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	< 15	15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
00259	Mercury	SW-846 7470A	1	11/06/2008 09:24	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:26	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:26	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:26	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:26	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:26	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:26	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:26	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:19	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/10/2008 14:38	Martha L Seidel	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2008 14:38	Martha L Seidel	5



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Lancaster Laboratories Sample No. WW5514722

Group No. 1117801

MWD-12 Grab Water Sample
Eunice South Gas Plant

Collected: 10/29/2008 16:02 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514723

Group No. 1117801

DUP#200 Grab Water Sample
Eunice South Gas Plant

Collected: n.a.

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

STANTEC International, Inc.

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Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0690	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.499	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	7,920	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,630	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	2,100	10	ug/l	10
00777	Toluene	108-88-3	< 10	10	ug/l	10
00778	Ethylbenzene	100-41-4	70	10	ug/l	10
00779	Total Xylenes	1330-20-7	< 30	30	ug/l	10

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/06/2008 09:25		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:31		Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:31		Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:31		Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:31		Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:31		Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:31		Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:31		Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/05/2008 09:19		Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23		Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	11/09/2008 00:51		Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/09/2008 00:51		Martha L Seidel	10



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Lancaster Laboratories Sample No. WW5514723

Group No. 1117801

DUP#200 Grab Water Sample
Eunice South Gas Plant

Collected: n.a.

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514724

Group No. 1117801

MW-24 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 10:51 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Limit of	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0418	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	4.86	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,590	120		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	461	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	15,000	50		ug/l	50
00777	Toluene	108-88-3	75	50		ug/l	50
00778	Ethylbenzene	100-41-4	520	50		ug/l	50
00779	Total Xylenes	1330-20-7	480	150		ug/l	50

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/06/2008 09:27		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:35		Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:35		Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:35		Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:35		Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:35		Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:35		Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:35		Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50		Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23		Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	11/10/2008 15:01		Martha L Seidel	50
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2008 15:01		Martha L Seidel	50



Analysis Report

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Lancaster Laboratories Sample No. WW5514724

Group No. 1117801

MW-24 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 10:51 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514725

Group No. 1117801

MW-25 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 11:38 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of Quantitation	Units	Factor	
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1	
07035	Arsenic	7440-38-2	0.0272	0.0200	mg/l	1	
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1	
07046	Barium	7440-39-3	1.99	0.0050	mg/l	1	
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1	
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1	
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1	
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1	
00212	Total Dissolved Solids	n.a.	6,650	600	mg/l	1	
01124	Chloride (titrimetric)	16887-00-6	2,960	200	mg/l	100	
08213	BTEX (8021)						
00776	Benzene	71-43-2	7,300	20	ug/l	20	
00777	Toluene	108-88-3	26	20	ug/l	20	
00778	Ethylbenzene	100-41-4	500	20	ug/l	20	
00779	Total Xylenes	1330-20-7	130	60	ug/l	20	

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	11/06/2008 09:28		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:40		Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:40		Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:40		Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:40		Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:40		Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:40		Damary Valentin	1



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Lancaster Laboratories Sample No. WW5514725

Group No. 1117801

MW-25 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 11:38 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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07066	Silver	SW-846 6010B	1	11/08/2008 14:40	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 09:23	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/10/2008 15:25	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	1	11/10/2008 15:25	Martha L Seidel	20
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514726

Group No. 1117801

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 10/28/2008

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 18:36	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 18:36	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514727

Group No. 1117801

DUP-102 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	1.98	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	6,670	600		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,720	200		mg/l	100
08213	BTEX (8021)						
00776	Benzene	71-43-2	7,000	20		ug/l	20
00777	Toluene	108-88-3	26	20		ug/l	20
00778	Ethylbenzene	100-41-4	490	20		ug/l	20
00779	Total Xylenes	1330-20-7	130	60		ug/l	20

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/06/2008 09:29	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:45	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:45	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:45	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:45	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:45	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:45	Damary Valentin	1



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Lancaster Laboratories Sample No. WW5514727

Group No. 1117801

DUP-102 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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07066	Silver	SW-846 6010B	1	11/08/2008 14:45	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/09/2008 02:02	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	1	11/09/2008 02:02	Martha L Seidel	20
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514728

Group No. 1117801

RW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 13:57

by BL

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.520	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	44,100	6,000		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	23,900	2,000		mg/l	1000
08213	BTEX (8021)						
00776	Benzene	71-43-2	14	1.0		ug/l	1
00777	Toluene	108-88-3	4.7	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	4.8	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	6.8	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/06/2008 09:30	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 14:58	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 14:58	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 14:58	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 14:58	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 14:58	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 14:58	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 14:58	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 21:20	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 21:20	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514728

Group No. 1117801

RW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 13:57 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514729

Group No. 1117801

RW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 14:09 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result		Limit of Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020		0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200		0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200		0.0200	mg/l	1
07046	Barium	7440-39-3	0.0631		0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050		0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150		0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150		0.0150	mg/l	1
07066	Silver	7440-22-4	0.0059		0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	111,000		12,000	mg/l	100
01124	Chloride (titrimetric)	16887-00-6	58,900		10,000	mg/l	5000
08213	BTEX (8021)						
00776	Benzene	71-43-2	15		1.0	ug/l	1
00777	Toluene	108-88-3	1.3		1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.9		1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.7		3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/06/2008 09:32	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 15:03	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 15:03	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 15:03	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 15:03	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 15:03	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 15:03	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 15:03	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	100
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	5000
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 20:57	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 20:57	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514729

Group No. 1117801

RW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 14:09 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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3300 N. A St.
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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514730

Group No. 1117801

RW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 14:24 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

			As Received			
CAT			As Received	Limit of		Dilution
No.	Analysis Name	CAS Number	Result	Quantitation	Units	Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0209	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.353	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	21,300	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	13,000	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	90	1.0	ug/l	1
00777	Toluene	108-88-3	3.8	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	20	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	200	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/06/2008 09:33	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 15:08	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 15:08	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 15:08	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 15:08	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 15:08	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 15:08	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 15:08	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	10
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 21:44	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 21:44	Martha L Seidel	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514730

Group No. 1117801

RW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 14:24 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW5514731

Group No. 1117801

MW-26 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 13:36

by BL

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0515	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	2.94	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,270	120		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	213	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	6,300	20		ug/l	20
00777	Toluene	108-88-3	< 20	20		ug/l	20
00778	Ethylbenzene	100-41-4	270	20		ug/l	20
00779	Total Xylenes	1330-20-7	100	60		ug/l	20

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
00259	Mercury	SW-846 7470A	1	11/06/2008 09:34	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 15:12	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 15:12	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 15:12	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 15:12	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 15:12	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 15:12	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 15:12	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	11/09/2008 02:25	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	1	11/09/2008 02:25	Martha L Seidel	20



Analysis Report

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Lancaster Laboratories Sample No. WW5514731

Group No. 1117801

MW-26 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 13:36 by BL

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

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Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514732

Group No. 1117801

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 10/28/2008

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 19:00	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 19:00	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514733

Group No. 1117801

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 10/28/2008

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 19:23	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 19:23	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514734

Group No. 1117801

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 10/28/2008

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 19:46	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 19:46	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514735

Group No. 1117801

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 10/28/2008

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 20:10	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 20:10	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514736

Group No. 1117801

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 10/28/2008

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Limit of Quantitation		
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
08213	BTEX (8021)	SW-846 8021B	1	11/08/2008 20:33	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/08/2008 20:33	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514737

Group No. 1117801

MWD-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 11:45 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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CAT No.	Analysis Name	CAS Number	As Received		Limit of Quantitation	Units	Dilution Factor
			As Received Result	As Received			
00259	Mercury	7439-97-6	< 0.00020		0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200		0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200		0.0200	mg/l	1
07046	Barium	7440-39-3	0.711		0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050		0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150		0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150		0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050		0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	2,490		240	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	941		100	mg/l	50
08213	BTEX (8021)						
00776	Benzene	71-43-2	49		1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0		1.0	ug/l	1
00778	Ethylbenzene	100-41-4	13		1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.5		3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	11/06/2008 09:35	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 15:17	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 15:17	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 15:17	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 15:17	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 15:17	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 15:17	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 15:17	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	11/11/2008 09:23	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2008 09:23	Martha L Seidel	1



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Lancaster Laboratories Sample No. WW5514737

Group No. 1117801

MWD-6 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 11:45 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514738

Group No. 1117801

MW-9 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 13:51 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	15.6	0.0250	mg/l	5
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,760	240	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	549	100	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,200	10	ug/l	10
00777	Toluene	108-88-3	39	10	ug/l	10
00778	Ethylbenzene	100-41-4	380	10	ug/l	10
00779	Total Xylenes	1330-20-7	150	30	ug/l	10

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
00259	Mercury	SW-846 7470A	1	11/06/2008 09:39	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 15:22	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 15:22	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/12/2008 22:13	Thomas F McLamb Sr	5
07049	Cadmium	SW-846 6010B	1	11/08/2008 15:22	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 15:22	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 15:22	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 15:22	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	11/11/2008 09:47	Martha L Seidel	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2008 09:47	Martha L Seidel	10



Analysis Report

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Lancaster Laboratories Sample No. WW5514738

Group No. 1117801

MW-9 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 13:51 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5514739

Group No. 1117801

MWD-5 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 15:20

by SB

Account Number: 11842

Submitted: 10/31/2008 08:55

Reported: 11/13/2008 at 11:19

Discard: 12/14/2008

STANTEC International, Inc.

3300 N. A St.

Bldg. 8, Suite 220

Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.112	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	4.92	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	4,150	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,770	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	2,800	20	ug/l	20
00777	Toluene	108-88-3	24	20	ug/l	20
00778	Ethylbenzene	100-41-4	290	20	ug/l	20
00779	Total Xylenes	1330-20-7	110	60	ug/l	20

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	11/06/2008 09:41	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	11/08/2008 15:26	Damary Valentin	1
07036	Selenium	SW-846 6010B	1	11/08/2008 15:26	Damary Valentin	1
07046	Barium	SW-846 6010B	1	11/08/2008 15:26	Damary Valentin	1
07049	Cadmium	SW-846 6010B	1	11/08/2008 15:26	Damary Valentin	1
07051	Chromium	SW-846 6010B	1	11/08/2008 15:26	Damary Valentin	1
07055	Lead	SW-846 6010B	1	11/08/2008 15:26	Damary Valentin	1
07066	Silver	SW-846 6010B	1	11/08/2008 15:26	Damary Valentin	1
00212	Total Dissolved Solids	SM20 2540 C	1	11/06/2008 07:50	Yolunder Y Bunch	1
01124	Chloride (titrimetric)	EPA 325.3	1	11/07/2008 12:20	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	11/11/2008 16:49	Martha L Seidel	20
01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2008 16:49	Martha L Seidel	20



Analysis Report

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Lancaster Laboratories Sample No. WW5514739

Group No. 1117801

MWD-5 Grab Water Sample
Eunice South Gas Plant

Collected: 10/30/2008 15:20 by SB

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	11/04/2008 14:00	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	11/05/2008 19:00	Nelli S Markaryan	1



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Page 1 of 1

Lancaster Laboratories Sample No. WW5514740

Group No. 1117801

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 10/28/2008

Account Number: 11842

Submitted: 10/31/2008 08:55
Reported: 11/13/2008 at 11:19
Discard: 12/14/2008

STANTEC International, Inc.
3300 N. A St.
Bldg. 8, Suite 220
Midland TX 79705

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	< 1.0	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	11/11/2008 02:44	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/11/2008 02:44	Martha L Seidel	1

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/13/08 at 11:19 AM

Group Number: 1117801

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 083055705002	Sample number(s): 5514712-5514715							
Arsenic	< 0.0200	0.0200	mg/l	101		90-119		
Selenium	< 0.0200	0.0200	mg/l	106		80-120		
Barium	< 0.0050	0.0050	mg/l	96		90-110		
Cadmium	< 0.0050	0.0050	mg/l	100		90-112		
Chromium	< 0.0150	0.0150	mg/l	98		90-110		
Lead	< 0.0150	0.0150	mg/l	97		90-113		
Silver	< 0.0050	0.0050	mg/l	98		90-118		
Batch number: 083085713002	Sample number(s): 5514712-5514721							
Mercury	< 0.00020	0.00020	mg/l	109		80-120		
Batch number: 08309021202A	Sample number(s): 5514712-5514717							
Total Dissolved Solids	< 30.0	30.0	mg/l	106		80-120		
Batch number: 083095705003	Sample number(s): 5514716-5514725, 5514727-5514731, 5514737-5514739							
Arsenic	< 0.0200	0.0200	mg/l	97		90-119		
Selenium	< 0.0200	0.0200	mg/l	101		80-120		
Barium	< 0.0050	0.0050	mg/l	104		90-110		
Cadmium	< 0.0050	0.0050	mg/l	97		90-112		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Lead	< 0.0150	0.0150	mg/l	98		90-113		
Silver	< 0.0050	0.0050	mg/l	102		90-118		
Batch number: 083095713004	Sample number(s): 5514722-5514725, 5514727-5514731, 5514737-5514739							
Mercury	< 0.00020	0.00020	mg/l	90		80-120		
Batch number: 08310021201A	Sample number(s): 5514718-5514723							
Total Dissolved Solids	< 30.0	30.0	mg/l	107		80-120		
Batch number: 08311021201A	Sample number(s): 5514724-5514725, 5514727-5514731, 5514737-5514739							
Total Dissolved Solids	< 30.0	30.0	mg/l	108		80-120		
Batch number: 08311A54B	Sample number(s): 5514712-5514715							
Benzene	< 1.0	1.0	ug/l	94	105	86-119	12	30
Toluene	< 1.0	1.0	ug/l	94	105	82-119	11	30
Ethylbenzene	< 1.0	1.0	ug/l	94	105	81-119	12	30
Total Xylenes	< 3.0	3.0	ug/l	98	109	82-120	10	30
Batch number: 08312112401A	Sample number(s): 5514712-5514725							
Chloride (titrimetric)				99		96-102		
Batch number: 08312112402A	Sample number(s): 5514727-5514731, 5514737-5514739							
Chloride (titrimetric)				100		96-102		

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.

Group Number: 1117801

Reported: 11/13/08 at 11:19 AM

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 08312A54A	Sample number(s): 5514718-5514719, 5514723, 5514726-5514736							
Benzene	< 1.0	1.0	ug/l	113	114	86-119	1	30
Toluene	< 1.0	1.0	ug/l	113	111	82-119	2	30
Ethylbenzene	< 1.0	1.0	ug/l	113	110	81-119	3	30
Total Xylenes	< 3.0	3.0	ug/l	116	113	82-120	3	30
Batch number: 08312A54B	Sample number(s): 5514717, 5514720-5514722, 5514724-5514725							
Benzene	< 1.0	1.0	ug/l	113	114	86-119	1	30
Toluene	< 1.0	1.0	ug/l	113	111	82-119	2	30
Ethylbenzene	< 1.0	1.0	ug/l	113	110	81-119	3	30
Total Xylenes	< 3.0	3.0	ug/l	116	113	82-120	3	30
Batch number: 08315A54A	Sample number(s): 5514716, 5514737-5514740							
Benzene	< 1.0	1.0	ug/l	115	109	86-119	6	30
Toluene	< 1.0	1.0	ug/l	113	107	82-119	6	30
Ethylbenzene	< 1.0	1.0	ug/l	112	106	81-119	5	30
Total Xylenes	< 3.0	3.0	ug/l	115	109	82-120	5	30

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 083055705002	Sample number(s): 5514712-5514715 UNSPK: P511694 BKG: P511694								
Arsenic	96	107	75-125	6	20	0.137	0.143	4	20
Selenium	130*	128*	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	81	77*	78-118	4	20	0.0442	0.0466	5	20
Cadmium	67*	79*	83-116	13	20	0.0104	< 0.0050	79* (1)	20
Chromium	90	116	81-120	5	20	0.754	0.784	4	20
Lead	78	78	75-125	0	20	0.0933	0.0983	5	20
Silver	71*	61*	75-125	15	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 083085713002	Sample number(s): 5514712-5514721 UNSPK: P512226 BKG: P512226								
Mercury	109	103	80-120	5	20	< 0.00020	< 0.00020	71* (1)	20
Batch number: 08309021202A	Sample number(s): 5514712-5514717 UNSPK: P514710 BKG: P514710								
Total Dissolved Solids	102	95	54-143	3	12	1,740	1,620	7	9
Batch number: 083095705003	Sample number(s): 5514716-5514725, 5514727-5514731, 5514737-5514739 UNSPK: P512230 BKG: P512230								
Arsenic	98	99	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Selenium	96	99	75-125	3	20	< 0.0200	< 0.0200	0 (1)	20
Barium	101	102	78-118	1	20	0.409	0.409	0	20
Cadmium	93	93	83-116	0	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	98	99	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Lead	97	96	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20
Silver	103	105	75-125	1	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 083095713004	Sample number(s): 5514722-5514725, 5514727-5514731, 5514737-5514739 UNSPK: P512247 BKG: P512247								

*- Outside of specification

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

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/13/08 at 11:19 AM

Group Number: 1117801

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Mercury	95	104	60-120	9	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 08310021201A	Sample number(s): 5514718-5514723 UNSPK: P515129 BKG: P515129								
Total Dissolved Solids	98	98	54-143	0	12	1,080	1,070	1	9
Batch number: 08311021201A	Sample number(s): 5514724-5514725, 5514727-5514731, 5514737-5514739 UNSPK: P512298 BKG: P512298								
Total Dissolved Solids	69	83	54-143	5	12	15,900	16,400	3	9
Batch number: 08311A54B	Sample number(s): 5514712-5514715 UNSPK: P514704								
Benzene	115		78-131						
Toluene	118		78-129						
Ethylbenzene	115		75-133						
Total Xylenes	120		84-131						
Batch number: 08312112401A	Sample number(s): 5514712-5514725 UNSPK: P513811 BKG: P513811								
Chloride (titrimetric)	95	97	91-105	1	2	725	730	1	5
Batch number: 08312112402A	Sample number(s): 5514727-5514731, 5514737-5514739 UNSPK: P519199 BKG: P519199								
Chloride (titrimetric)	101	98	91-105	1	2	68.1	69.3	2	5
Batch number: 08312A54A	Sample number(s): 5514718-5514719, 5514723, 5514726-5514736 UNSPK: 5514729								
Benzene	107		78-131						
Toluene	111		78-129						
Ethylbenzene	109		75-133						
Total Xylenes	112		84-131						
Batch number: 08312A54B	Sample number(s): 5514717, 5514720-5514722, 5514724-5514725 UNSPK: P514729								
Benzene	107		78-131						
Toluene	111		78-129						
Ethylbenzene	109		75-133						
Total Xylenes	112		84-131						
Batch number: 08315A54A	Sample number(s): 5514716, 5514737-5514740 UNSPK: P514676								
Benzene	116		78-131						
Toluene	114		78-129						
Ethylbenzene	112		75-133						
Total Xylenes	110		84-131						

Surrogate Quality Control

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

Analysis Name: BTEX (8021)
Batch number: 08311A54B
Trifluorotoluene-P

5514712	111
5514713	112

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/13/08 at 11:19 AM

Group Number: 1117801

Surrogate Quality Control

\$514714	112
\$514715	108
Blank	105
LCS	106
LCSD	106
MS	108

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08312A54A
Trifluorotoluene-P

\$514718	113
\$514719	116
\$514723	112
\$514726	108
\$514727	115
\$514728	109
\$514729	108
\$514730	105
\$514731	115
\$514732	106
\$514733	107
\$514734	108
\$514735	108
\$514736	107
Blank	107
LCS	105
LCSD	108
MS	107

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08312A54B
Trifluorotoluene-P

\$514717	113
\$514720	112
\$514721	115
\$514722	113
\$514724	116
\$514725	116
Blank	108
LCS	105
LCSD	108
MS	107

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 08315A54A
Trifluorotoluene-P

\$514716	115
\$514737	111
\$514738	115

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 11/13/08 at 11:19 AM

Group Number: 1117801

Surrogate Quality Control

5514739	84
5514740	108
Blank	110
LCS	106
LCSD	106
MS	106

Limits: 69-129

*- Outside of specification

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

 Lancaster Laboratories
Where quality is a science.

Where quality is a science:

For Lancaster Laboratories use only

SCR#

008758

Facility #: <u>Enviac South Gas Plant - 890149527.28</u> Site Address: <u>Enviac, New Mexico</u> Chevron PM: <u>M. Hudson</u> Lead Consultant: <u>S. Olivier</u> Consultant/Office: <u>Stearns, Midland, TX</u> Consultant Pri. Mgr.: <u>Bob Vizcaino</u> Consultant Phone # <u>432-685-0629</u> Fax #: <u>432-687-1598</u> Sampler: <u>SB</u> Service Order #: _____ ☐ Non SAR: _____										Analyses Requested 517 # 1117861																			
Sample Identification MW-9 MW-23 MW-17 MW-15 MW-14 MW-3 MW-22 MW-16 MW-10 MW-5 MW-12 D-200										Matrix ☐ Potable ☒ NPDES Water Oil ☐ Air ☐ Total Number of Containers BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐ 8260 full scan Oxygenates TPH G TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup Lead Total ☐ Diss. ☐ Method VPH/EPH NWTPH H ClCD ☐ quantification Dissolved Metals (X) TDS Cl- (325, 3)										Preservation Codes Z 1 1									
Turnaround Time Requested (TAT) (please circle) STD. TAT 72 hour 48 hour 24-hour 4 day 5 day										Relinquished by: <u>Bob</u> Date: <u>10/15/08</u> Time: _____ Relinquished by: _____ Date: _____ Time: _____ Relinquished by: _____ Date: _____ Time: _____										Received by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____									
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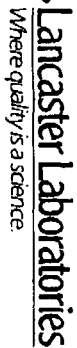


SCR#:

009870

Chevron Generic Analysis Request/Chain of Custody

[illegible]



Chevron Generic Analysis Request/Chain of Custody

For Lancaster Laboratories use only
Acct. #: 11842 Sample #: 5514712-40

SCR#

009640

[illegible]

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
ppm	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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