GW - 003

2006 MONITORING REPORTS

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GW 003

Chevron

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March 12, 2007

Mr. Glenn VonGonten
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Subject: 2006 Annual Summary of Investigation and Remediation
Eunice South Gas Plant, Lea County, New Mexico
OGRID No. 4323
Permit No. GW-003

Dear Mr. VonGonten:

Please find enclosed one hardcopy and one electronic copy of the above-referenced report. This report provides information and details on the groundwater monitoring activities completed by SECOR International Inc. (SECOR) during 2006.

Should you have any questions concerning this report or the on-going work, please call myself at (281) 561-3466 or Scott Olivier with SECOR at (972) 872-5528.

Sincerely,

Matthew P. Hudson

Enclosure

cc: Patricia Caperton, NMOCD (electronic copy)
Scott Olivier, SECOR (cover letter only)

GW 003

2006 ANNUAL SUMMARY OF INVESTIGATION AND REMEDIATION FOR THE EUNICE SOUTH GAS PLANT (OGRID NO. 4323)

Chevron Environmental Management Company

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1.0 INTRODUCTION

This document summarizes the 2006 investigation and remediation activities conducted by SECOR International Incorporated (SECOR) on behalf of Chevron Environmental Management Company (CEMC) at the Eunice South Gas Plant (OGRID No. 4323).

1.1 Site Location and Background

The Eunice South Gas Plant is located in Lea County, New Mexico, approximately 4½-miles south of the town of Eunice. The legal description is the northwest quarter (NW/4) of the southwest quarter (SW/4) of Section 27, Township 22 South (T-22-S), Range 37 East (R-37-E). The approximate latitude/longitude coordinates for the gas plant are 32° 21' 44.75" N and 103° 09' 26.87" W. For the purpose of this report, the assessment area will be comprised of the original gas plant property and surrounding areas included in the groundwater monitoring program (Site). 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 on Figure 1.

The gas plant 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 NGLC natural gas liquids. The plant 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 on Figure 2.

1.2 Site Geologic and Hydrogeologic Setting

Much of the regional geology and hydrogeology information is referenced from the *Subsurface Environmental Assessment* (Highlander, 1996). The overall topography of the Site slopes gently from west to east. The ground elevation at the Site ranges from approximately 3,335 feet above mean sea level (AMSL) along the west side to approximately 3,330 feet AMSL along the east side. Storm and surface water runoff generally follow the surface topography, and flow to the east to Monument Draw, approximately 2½ miles from the Site.

Groundwater occurs under unconfined conditions in the Ogallala Formation. Based upon the recorded measurements, depth to groundwater is approximately 50 to 55 feet below ground surface (bgs). Groundwater flow at the Site is consistent with regional flow direction in the Ogallala, and is primarily to the south to southeast with an average hydraulic gradient of 0.0014 ft/ft. With an average hydraulic conductivity of 16.89 feet/day, the average groundwater velocity is 0.095 feet/day (35 feet/year).

1.3 Investigation 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 subsurface investigation associated with the renewal of the New Mexico Oil

Conservation Division (NMOCD) Groundwater Discharge Plan for the Site. Past operation of the gas plant by Texaco resulted in impacts to the groundwater and, to some extent, soils inside the plant. Several soil and groundwater investigations have been conducted to date. The two main areas of concern are:

- Phase-separated hydrocarbons (PSH) and benzene, toluene, ethylbenzene, and xylene (BTEX) in groundwater in the plant area on the west side of the Site; and
- Dissolved solids (represented by chloride concentrations) in groundwater on the east side of the Site. The source of the chlorides is likely the three ponds primarily containing brine water that were located in this area; two of which have been closed and one of which is still present (Highlander, 2000).

Two secondary areas of concern are:

- A limited area of PSH in groundwater on the east side of the Site; and
- A limited area of BTEX concentrations in groundwater to the south of the plant.

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

- Chloride recovery system;
- PSH recovery system (divided into a system on the east side of the Site [East Side] and a system on the west side of the Site [West Side]); and
- Soil vapor extraction (SVE) system with thermal oxidation (thermox) unit for vapor treatment.

1.4 2006 Investigation and Remediation Activities

The 2006 quarterly groundwater sampling schedule at the Site consisted of the following events:

- The first quarter 2006 (1Q06) event began on February 24, 2006 and was completed on March 2, 2006;
- The second quarter 2006 (2Q06) event began on May 1, 2006 and was completed on May 17, 2006;
- The third quarter 2006 (3Q06) event began August 7, 2006 and was completed on August 10, 2006; and
- The fourth quarter 2006 (4Q06) event began on October 31, 2006 and was completed on November 10, 2006.

A summary of groundwater sampling activities is presented in Section 2, and groundwater sampling results are summarized in Section 3.

Operations and maintenance (O&M) activities were performed weekly on the remedial systems present at the Site. A summary of the performance of the remedial systems and O&M activities in 2006, along with a discussion of the mid-phase review of the remedial systems, is presented in Section 4.

An investigation of the former truck loading area located south of the plant was conducted in November 2005, and results are included in this report and summarized in Section 5.

Conclusions and recommendations based on the 2006 investigation and remediation activities are presented in Section 6.

2.0 GROUNDWATER SAMPLING

As of 2006, there were a total of 70 wells located at the Site:

- Thirty-three shallow monitoring wells (MW-1 through MW-32, MW-34);
- Seventeen deep monitoring wells (MWD-1 through MWD-17);
- Five temporary monitoring wells (TMW-1, TMW-2, TMW-3, TMW-5, and TMW-6);
- Eight recovery wells (RW-1 through RW-8); and
- Seven water wells (WW-1 through WW-7).

For the 2006 groundwater monitoring events, water levels were measured in the accessible wells, with the exception of those with treatment equipment present (MW-5, MW-20, MW-28, RW-1 through RW-8, MWD-3, and MWD-9).

During the 1Q06 and 3Q06 events, the sampling program included groundwater sampling of 18 of the monitoring wells (MW-4, MW-15, MW-16, MW-17, MWD-1 through MWD-4, MWD-7 through MWD-10, and MWD-12 through MWD-17). Wells MW-32, MW-34, and RW-8 were also slated to be sampled in 1Q06.

For the 2Q06 and 4Q06 events, the sampling program included groundwater sampling of monitoring wells and recovery wells (MW-1 through MW-32, MW-34, MWD-1 through MWD-17, TMW-1, TMW-2, TMW-3, TMW-5, TMW-6, and RW-6 through RW-8), excluding the PSH recovery wells (MW-5, MW-20, MW-28, and RW-1 through RW-5) and any monitoring wells where PSH was encountered.

The well locations are presented on Figure 2.

2.1 Groundwater Elevation Measurement

Before groundwater sampling activities commenced, an oil-water interface probe (accurate to the nearest $\pm$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. Cumulative groundwater elevation data are summarized in Table 1.

Data from the 2006 events were utilized to calculate groundwater elevation contours, which were then utilized to determine an apparent groundwater gradient and direction of flow.

2.2 Groundwater Gradient and Contours

During the 1Q06 event, depth to groundwater from the top of casing ranged from 48.59 feet (in MW-7) to 56.39 feet (in MW-13), and groundwater elevations used to generate contours ranged from 3279.30 feet AMSL (in WW-4) to 3283.34 feet AMSL (in MW-3).

During the 2Q06 event, depth to groundwater from the top of casing ranged from 49.03 feet (in MW-8) to 56.32 feet (in MW-3), and groundwater elevations used to generate contours ranged from 3279.41 feet AMSL (in WW-4) to 3283.33 feet AMSL (in MW-3).

During the 3Q06 event, depth to groundwater from the top of casing ranged from 48.26 feet (in MW-15) to 56.39 feet (in MW-3), and groundwater elevations used to generate contours ranged from 3279.36 feet AMSL (in WW-4) to 3283.26 feet AMSL (in MW-3).

During the 4Q06 event, depth to groundwater from the top of casing ranged from 48.32 feet (in MW-15) to 56.32 feet (in MW-13), and groundwater elevations used to generate contours ranged from 3279.35 feet AMSL (in WW-4) to 3283.34 feet AMSL (in MW-3).

Groundwater elevation contours indicate a groundwater flow direction to the south-southeast (which remained consistent with historical groundwater sampling events) at an approximate gradient of 0.0016 ft/ft. Potentiometric surface maps were generated for the 1Q06, 2Q06, 3Q06, and 4Q06 events, and are presented as Figures 3 through 6, respectively. A cone of depression was observed centered around monitoring well MW-23 and pumping well MWD-9 during the 1Q06 event, and a more easterly flow direction was observed in the vicinity of the chloride recovery wells (northeastern portion of the Site) in the remaining quarters.

2.3 Groundwater Sampling Activities

Beginning with the wells with the lowest historical concentrations, wells were purged using a submersible pump (powered by a generator) set five to ten feet off the bottom of the well.

During well purging, indicator field parameters were measured using a multi-meter with flow-through-cell and recorded on the Groundwater Sampling Field Data Sheet every two to five minutes. Purging was considered complete and sampling began when three consecutive parameters readings were stable within the following limits:

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

2.3.1 Sample Collection

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

Groundwater samples were collected before water had passed through the flow-through-cell. Volatile samples were collected first and directly into pre-preserved sample containers. The pump was slowed considerably when samples were collected for BTEX analysis due to the volatility of the analyte. 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 dissolved metals analysis were field filtered using high-capacity, 0.45-µm disposable filters and a small pump. The filtered groundwater was then acidified to a pH of 2 when added to pre-preserved containers. Duplicate sample bottles were filled for each analysis immediately following the collection of the primary sample, before filling bottles for another analysis. For wells with treatment equipment (MWD-3, MWD-9, and RW-6 through RW-8), samples were collected directly from sampling ports.

2.3.2 Sampling 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. Samples were transmitted via FedEx to the analytical laboratory. Proper chain of custody documentation was maintained throughout the sampling and analysis process.

Groundwater samples were analyzed by Lancaster Laboratories in Lancaster, Pennsylvania, a CEMC-approved analytical laboratory. The 1Q06 and 3Q06 groundwater samples were analyzed for chloride, and select wells were also analyzed for BTEX. The 2Q06 and 4Q06 groundwater samples were analyzed for chloride, total dissolved solids (TDS), dissolved metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver), and BTEX.

2.3.3 Sampling Program Exceptions

Exceptions to the sampling program for the 1Q06 and 3Q06 events were:

- During the 1Q06 event, monitoring wells MW-15 and MW-16 were not accessible at the time of sampling;
- During the 1Q06 event, recovery well RW-8 could not be sampled due to the presence of treatment equipment; and
- During the 3Q06 event, recovery well MWD-3 could not be sampled as the pump was inoperable.

Exceptions to the sampling program for the 2Q06 and 4Q06 events were:

- During the 2Q06 event, monitoring wells MW-10 and MW-21 were not sampled as they have previously had PSH present;
- During the 2Q06 event, monitoring wells MW-15 and MW-16 were not sampled as they were not accessible at the time of sampling;
- During the 2Q06 event, select water wells were sampled, including WW-2, WW-4, WW-5, WW-6, and WW-7;
- During the 4Q06 event, recovery well MWD-9 was not sampled as the recovery pump was not in operation; and
- During the 4Q06 event, monitoring wells MW-26 and MW-27 could not be sampled as access was restricted due to demolition in the plant area.

2.3.4 Decontamination Procedures

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

2.3.5 Investigative Derived Waste Management

Purge water was pumped from the wells into a 750-gallon polyethylene tank during sampling activities, and later fed into a 150-barrel (bbl) steel tank for disposal. When the steel tank was nearing its capacity, the liquid wastes were transported by Nabors, an approved waste hauler, for disposal at an approved waste disposal facility.

2.3.6 Quality Assurance/Quality Control Program

Quality assurance/quality control (QA/QC) objectives for groundwater monitoring 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.

Field duplicate samples and trip blanks were part of the QA/QC program.

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 1Q06 event, four duplicate samples were collected during the 2Q06 event, two duplicate samples were collected during the 3Q06 event, and five duplicate samples were collected during the 4Q06 event.

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

3.0 GROUNDWATER SAMPLING RESULTS

Groundwater analytical data from this Site are utilized to:

- Assess the effect of historic plant activities on groundwater conditions at the Site;
- Monitor possible off-site migration of the groundwater; and
- Maintain compliance with NMOCD regulations.

Electronic files of the complete laboratory analytical reports are on a CD-ROM located in Appendix B. Summaries of the 1Q06 through 4Q06 groundwater sampling results are included in Tables 2a through 2d, respectively. In these tables, the results are compared against State of New Mexico Water Quality Control Commission (WQCC) Human Health or Domestic Water Supply standards and exceedances are indicated. Results for each group of constituents are discussed below. Quality control sample results are discussed in Section 3.4.

3.1 BTEX Results

BTEX compounds were analyzed in groundwater samples collected during all four quarters of groundwater monitoring. Cumulative BTEX results are summarized in Table 3.

During the 1Q06 event, BTEX concentrations were analyzed in select wells located in the northeastern and southern portions of the Site. Detected benzene concentrations (maximum of 3.6 mg/l in MW-34) exceeded the WQCC Human Health standard of 0.01 mg/l in 10 out of 11 sampled wells. No toluene, ethylbenzene, or xylene detections exceeded their respective WQCC Human Health standard of 0.75 mg/l, 0.75 mg/l, and 0.62 mg/l.

During the 2Q06 event, detected benzene concentrations (maximum of 16 mg/l in MW-24) exceeded the WQCC Human Health standard of 0.01 mg/l in 33 out of 50 sampled wells. One detected xylene concentration (0.79 mg/l in MW-24) exceeded the WQCC Human Health standard of 0.62 mg/l. No toluene or ethylbenzene detections exceeded their respective WQCC Human Health standard of 0.75 mg/l or 0.75 mg/l.

During the 3Q06 event, BTEX concentrations were analyzed in eight wells located in the eastern portion of the Site. Detected benzene concentrations (maximum of 1.2 mg/l in MWD-14) exceeded the WQCC Human Health standard of 0.01 mg/l in all eight wells. No toluene, ethylbenzene, or xylene detections exceeded their respective WQCC Human Health standard of 0.75 mg/l, 0.75 mg/l, and 0.62 mg/l.

During the 4Q06 event, detected benzene concentrations (maximum of 69 mg/l in MW-1) exceeded the WQCC Human Health standard of 0.01 mg/l in 36 out of 50 sampled wells. Detected toluene concentrations (maximum of 19 mg/l in MW-1) exceeded the WQCC Human Health standard of 0.75 mg/l in two wells. Detected ethylbenzene concentrations (maximum of 3 mg/l in MW-1) exceeded the WQCC Human Health standard of 0.75 mg/l in two wells. Detected xylene concentrations (maximum of 5.7 mg/l in MW-1) exceeded the WQCC Human Health standard of 0.62 mg/l in three wells.

It was discovered after the 4Q06 sampling event was complete that the oil-water interface probe may not have been functioning properly during the 4Q06 event. This is supported by the fact that several wells historically indicating PSH accumulations (MW-1, MW-10, MW-12, and TMW-5) did not exhibit PSH during this event. Therefore, the wells sampled at the end of the event (MW-1, MW-10, MW-11, MW-12, MW-24, MW-25, MWD-10, TMW-3, TMW-5, and TMW-6) may have contained PSH, resulting in elevated BTEX results.

Based on the potential oil-water interface probe malfunction and the possible effect on the BTEX results, care will be taken in 2007 to implement proper gauging and sampling techniques.

Isoconcentration maps for benzene concentrations in groundwater samples collected during the 1Q06 through 4Q06 events are provided as Figures 7 through 10, respectively.

Benzene data collected during 2006 indicate:

- During the 1Q06 event, benzene concentrations of the select wells sampled were highest south of the plant at monitoring well MW-34 (3.6 mg/l), and also east of the plant in deep monitoring wells MWD-14 (1.5 mg/l), MWD-16 (1 mg/l), MWD-17 (0.8 mg/l), and recovery well MWD-3 (1 mg/l).
- During the 2Q06 event, benzene concentrations were highest in the plant area (west side of the Site), at monitoring wells MW-24 (16 mg/l), MW-11 (15 mg/l), and MW-27 (12 mg/l). There was also a localized elevated concentration south of the plant at MW-9 (7.6 mg/l).
- During the 3Q06 event, benzene concentrations of the select wells sampled were highest east of the plant in deep monitoring wells MWD-14 (1.2 mg/l), MWD-16 (0.88 mg/l), and MWD-17 (0.84 mg/l).
- During the 4Q06 event, benzene concentrations were highest in the plant area (west side of the Site), at monitoring wells MW-1 (69 mg/l), MW-12 (44 mg/l), MW-11 (39 mg/l), MW-10 (21 mg/l), and MW-24 (14 mg/l). There was also a localized elevated concentration south of the plant at MW-9 (8.7 mg/l).

3.2 Chloride and TDS Results

Chloride was analyzed in groundwater samples collected from shallow and deep wells during all four quarterly sampling events. Analysis for TDS was conducted during the 2Q06 and 4Q06 events only. Cumulative chloride and TDS results are summarized in Table 4. Chloride and TDS do not have WQCC Human Health standards, but were compared to the WQCC Domestic Water Supply standards.

During the 1Q06 event, chloride concentrations were examined in select wells located in the northeastern and southern portions of the Site. Detected chloride concentrations (maximum of 75,500 mg/l in MWD-3) exceeded the WQCC Domestic Water Supply standard of 250 mg/l in all 18 wells sampled.

Chloride concentrations detected during the 2Q06 event (maximum of 63,600 mg/l in MWD-3) exceeded the WQCC Domestic Water Supply standard of 250 mg/l in 47 of the 50 wells

sampled. Detected TDS concentrations (maximum of 105,000 mg/l in MWD-3) exceeded the WQCC Domestic Water Supply standard of 1,000 mg/l in 48 of the 50 wells sampled.

During the 3Q06 event, chloride concentrations were examined in select wells located in the northeastern portion of the Site. Detected chloride concentrations (maximum of 50,200 mg/l in MWD-17) exceeded the WQCC Domestic Water Supply standard of 250 mg/l in all 17 wells sampled.

Chloride concentrations detected during the 4Q06 event (maximum of 55,300 mg/l in MWD-3) exceeded the WQCC Domestic Water Supply standard of 250 mg/l in 47 out of 50 wells sampled. Detected TDS concentrations (maximum of 89,000 mg/l in MWD-3) exceeded the WQCC Domestic Water Supply standard of 1,000 mg/l in 48 out of 50 wells sampled.

An isoconcentration map for chloride concentrations in groundwater samples collected from deep wells during the 1Q06 groundwater sampling event is provided as Figure 11. Chloride concentrations were also examined in select shallow wells, but not enough wells were sampled to generate an isoconcentration map. Isoconcentration maps for chloride concentrations in groundwater samples collected from shallow and deep wells during the 2Q06 groundwater sampling event are provided as Figures 12 and 13, respectively.

An isoconcentration map for chloride concentrations in groundwater samples collected from deep wells during the 3Q06 groundwater sampling event is provided as Figure 14. Chloride concentrations were also examined in select shallow wells, but not enough wells were sampled to generate an isoconcentration map. Isoconcentration maps for chloride concentrations in groundwater samples collected from shallow and deep wells during the 4Q06 groundwater sampling event are provided as Figures 15 and 16, respectively.

Chloride and TDS data collected during 2006 indicate:

- Chloride concentrations were highest in the northeastern portion of the Site near the brine water retention pond, centered around recovery wells MWD-3, MWD-9, RW-6, RW-7, and RW-8 and deep monitoring wells MWD-17, MWD-15, and MWD-2; and
- TDS concentrations in the 2Q06 and 4Q06 events were highest in the deep monitoring wells and recovery wells located in the northeastern portion of the Site near the brine water retention pond.

3.3 Metals Results

Dissolved metals analyzed in groundwater samples collected during the 2Q06 and 4Q06 events include arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Cumulative metals results are summarized in Table 5.

During the 2Q06 event, the following metals were found to exceed their respective WQCC Human Health standard:

- One detected arsenic concentration (0.115 mg/l in TMW-6) exceeded the WQCC Human Health standard of 0.1 mg/l.

- Detected barium concentrations (maximum of 16.4 mg/l in MW-9) exceeded the WQCC Human Health standard of 1.0 mg/l in 17 wells.

Cadmium, chromium, lead, mercury, selenium, and silver were below detection limits in all groundwater samples collected during the 2Q06 event; therefore, there were no exceedances of their respective WQCC 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.

During the 4Q06 event, the following metals were found to exceed their respective WQCC Human Health standard:

- Two detected arsenic concentrations (0.134 mg/l in MWD-5 and 0.29 mg/l in MW-12) exceeded the WQCC Human Health standard of 0.1 mg/l.
- Detected barium concentrations (maximum of 15.8 mg/l in MW-9) exceeded the WQCC Human Health standard of 1.0 mg/l in 19 wells.
- One detected chromium concentration (0.171 mg/l in monitoring well MW-16) exceeded the WQCC Human Health standard of 0.05 mg/l. MW-16 is located east of the Site, across State Highway 18, and it is unclear whether the source of this detection is associated with the plant.

Mercury concentrations were detected in two groundwater samples (0.00021 mg/l in RW-7 and 0.00024 mg/l in MWD-5). Neither concentration exceeded the WQCC Human Health standard for mercury of 0.002 mg/l.

Cadmium, lead, selenium, and silver were below detection limits in all groundwater samples collected during the 4Q06 event; therefore, there were no exceedances of their respective WQCC Human Health standards of 0.01 mg/l, 0.05 mg/l, 0.05 mg/l, and 0.05 mg/l.

3.4 Quality Control Results Summary

As stated in Section 2.3.6, duplicate samples and trip blanks were part of the QA/QC program. Results for the QA/QC samples along with laboratory QA/QC results are included in the laboratory analytical reports located in Appendix B.

3.4.1 Duplicate Sample Results

The relative percent difference (RPD) between duplicate samples and their corresponding samples was evaluated using Equation 1, and results for each quarterly sampling event are summarized in Table 6.

Equation 1 $$RPD = \left[\frac{|S - D|}{(S + D) \div 2}\right] \times 100$$

Where: RPD = Relative Percent Difference
S = First Sample Value (original)

D = Second Sample Value (duplicate)

The average RPD for each quarterly event was:

- 1Q06: 5.19 %.
- 2Q06: 0.37%
- 3Q06: 0.59%
- 4Q06: 1.81%
- **2006 Average: 1.99%**

These RPDs indicate acceptable precision by the analytical laboratory for each given method and analytical batch.

3.4.2 Trip Blank Results

No constituents were detected in the 1Q06, 3Q06, or 4Q06 trip blanks.

Toluene was detected at a concentration of 0.0016 mg/l in trip blank TB-1 during the 2Q06 event. Toluene was only detected in one of the groundwater samples in the cooler associated with this trip blank, suggesting the contamination was either prior to or after sample transport and would not affect sample results. No other constituents were detected in the remaining 2Q06 trip blanks.

4.0 REMEDIATION SYSTEM PERFORMANCE

As stated in Section 1.3, three types of remedial systems are in place to address the groundwater at the Site:

- Chloride recovery system;
- PSH recovery system (East Side and West Side); and
- SVE system with thermox unit for vapor treatment.

A summary of performance of the remedial systems in 2006 along with details of 2006 O&M activities are included in Sections 4.1 through 4.3. Miscellaneous 2006 O&M activities are discussed in Section 4.4. A mid-phase review was conducted on the remedial systems at the Site to determine if the most appropriate remedial systems are in place at the Site and if these systems need to be expanded and/or modified. Results are detailed in the *Eunice South Gas Plant Mid-Phase Review of Remedial Systems,* dated October 27, 2006, which is included in Appendix C. Key findings are summarized in Section 4.5. Recommendations based on the performance of the remedial systems and the mid-phase review are presented in Section 6.

4.1 Chloride Recovery System

The chloride recovery system is operated on-site to capture, control, and remediate the existing chloride plume. 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 injection into an on-site injection well (Well #5).

4.1.1 2006 Chloride Recovery System Performance

A total of 140,532.4 bbl were extracted by the chloride recovery system and injected into Well #5 in 2006 (as recorded on January 4, 2007). Recovery wells MWD-3 and MWD-9 were in operation for all of 2006, and recovery wells RW-6, RW-7, and RW-8 were placed into operation in April 2006. Meter readings were reported monthly to the NMOCD, and volumes were reported monthly to Targa. Contributions of individual chloride recovery wells are detailed below:

- MWD-3: 34,367.1 bbl (average of 94.2 bbl per day [bpd])
- MWD-9: 46,745 bbl (average of 128.1 bpd)
- RW-6: 34,952.9 bbl (average of 116.5 bpd)
- RW-7: 4,828.9 bbl (average of 16.1 bpd)
- RW-8: 19,638.5 bbl (average of 65.5 bpd)

4.1.2 2006 Chloride Recovery System O&M Activities

Weekly O&M performed on the chloride 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.

Specific O&M activities performed on the chloride recovery system in 2006 included:

- Replacement of the flow meter on MWD-3;
- Replacement of the pump in MWD-3;
- Replacement of a broken junction box at MWD-9;
- Electrical repairs at MWD-3 and MWD-9; and
- Redevelopment of all five chloride recovery wells using well swabbing techniques to remove sediment/biomass and improve recovery.

4.2 PSH Recovery System

Two types of PSH recovery pumps (Xitech and Ferret) are operated on-site to reduce free-phase impacts. A network of pneumatic skimmer pumps removes PSH from the top 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 Ferret system) before it is trucked off-site for disposal by Nabors, a licensed hauler. The pneumatic skimmer pumps on-site are powered by a single air compressor located near the thermox unit.

4.2.1 2006 PSH Recovery System Performance

The East Side Ferret system consists of two, 4-inch wells (MW-5 and MW-20). Each well is fitted with a pneumatically-driven Ferret skimmer pump. The West Side Xitech system consists of four, 6-inch wells (RW-1, RW-2, RW-3, and RW-4) and two 4-inch wells (RW-5 and MW-28). Each well is fitted with a pneumatically-driven Xitech skimmer pump.

4.2.1.1 East Side

The East Side Ferret system was shut down on December 18, 2006 as a safety precaution during the holiday schedule. Therefore in 2006 (through December 18, 2006), a total of approximately 877 gallons of oil and 10,056 gallons of water were removed by the East Side Ferret system. This consisted of approximately 373 gallons of oil and 4,406 gallons of water removed from MW-5, and approximately 504 gallons of oil and 5,650 gallons of water removed from MW-20.

4.2.1.2 West Side

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 demolition activities in the plant area. Therefore in 2006 (through October 18, 2006), a total of 853 gallons of oil were removed by the

West Side Xitech system, an average of approximately 0.5 gallons per well per day. Estimated removal by each recovery well is detailed below:

- RW-1 and RW-2 (share storage drums): 451 gallons
- RW-3: 85 gallons
- RW-4: 213 gallons
- RW-5: 0 gallons
- MW-28: 104 gallons

4.2.2 2006 PSH Recovery System O&M Activities

Weekly O&M performed on the East Side Ferret system includes 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.

Weekly O&M performed on the West Side Xitech system includes recording of the PSH and water levels in the wells, the oil volumes in the elevated drums, the volume transferred for disposal, the pump settings, the supply pressure to the pump, and any adjustments made.

Additional O&M on the PSH recovery 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 drums/tanks and secondary containment, testing the drum/tank high level switches, testing the drum float level indicators, and maintaining the transfer pump.

Specific O&M activities performed on the PSH recovery system in 2006 included:

- Replacement of the two weathered 325-gallon polyethylene PSH holding tanks for the Ferret system;
- Replacement of weathered sections of the flexible compressed air lines which supply PSH pumps and air sparge points, and replacement of the 2-inch transfer hose and 3/8-inch clear PVC hose on the truck-mounted transfer tank;
- Replacement of damaged sections of the PVC conduit for PSH transfer lines with steel conduit;
- Installation of control boxes at the Xitech system wells;
- Replacement of the RW-4 drum gauge;
- Replacement of three photo-cell type level switches in elevated PSH tanks with float style switches; and
- Redevelopment of PSH recovery well MW-5 using well swabbing techniques to remove sediment/biomass and improve recovery.

4.3 Soil Vapor Extraction System

A SVE system is operated to reduce hydrocarbon concentrations 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. The SVE system was down in the first portion of 2006 until the new gas line could be connected, but was re-started on March 31, 2006.

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 2006 due to the startup of the SVE system and presence of PSH.

4.3.1 2006 Soil Vapor Extraction System Performance

As detailed in the *Eunice South Gas Plant Mid-Phase Review of Remedial Systems* (Appendix C), on September 19, 2006, SECOR collected a Tedlar bag grab sample from the influent of the thermox unit. The sample was analyzed at Caprock Laboratories, Inc. The laboratory provided a liquid equivalent volume recovered of 0.5841 gallons of hydrocarbons (>C_2) per 1,000 cubic feet of extracted air flow. At a combined flow rate of 169 standard cubic feet per minute (scfm) from the 13 SVE wells (based on the mid-phase review) and an estimate of 6.5 pounds per gallon for the hydrocarbons, the total mass removed daily is 923 pounds (168 tons/year at 100% operation).

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 demolition activities in the plant area. Therefore in 2006 (through October 18, 2006), the unit was operational for 2,633.2 hours with an average total airflow of 950 scfm and dilution airflow of 750 scfm (79%), suggesting nearly 60 tons of hydrocarbons were removed.

4.3.2 2006 Soil Vapor Extraction System O&M Activities

Weekly O&M performed on the SVE wells includes recording of the vacuum and differential pressure, the organic vapor reading, and any adjustments made.

Weekly O&M on the thermox unit includes recording the hours of operation, flame intensity, operating and shut down temperatures, recirculation temperature, differential pressure, total pressure, pressure across the filter, dilution air flow, regulator pressure, and total vacuum. Additional O&M performed when necessary includes checking the filter and replacing or cleaning as needed, checking and draining the condensation tank, testing oxidizer fail safes, and maintaining the blowers (checking and adjusting belt tension, replacing belts when visual signs of wear are apparent, and greasing motor). Readings of natural gas usage and pressure are also recorded weekly.

Specific O&M activities performed on the SVE system in 2006 included:

- Installation of a new 2-inch HDPE gas line for the thermox unit;

- Painting of exposed Schedule 40 PVC lines to protect from UV exposure; and
- Installation of 2-inch isolation valves at SVE wells RW-3, RW-4, RW-5, and MW-28.

4.4 Miscellaneous 2006 O&M

Overall Site O&M activities performed in 2006 included:

- Replacement of the compressor portion of the air compressor (used existing motor, tank, etc.) and replacement of the guard and belt;
- Installation of SECOR emergency contact information signage throughout the Site; and
- Labeling of tanks, pipelines, and wells associated with the remedial systems.

As part of the O&M activities for remedial systems on-site, the wells are inspected for well integrity (leaks, cracks, failed supports, etc.) and piping integrity (damage to above ground piping, headers, road crossings, flanges, saddles, etc.).

4.5 Mid-Phase Review of Remedial Systems

4.5.1 Chloride Recovery System Evaluation

Key findings in the chloride recovery system review were:

- At an average chloride concentration of 35,000 mg/l for the five recovery wells, the estimated total mass of chloride removed to date is 2,250 tons.
- The five recovery wells typically combine for an extraction rate of 25 gallons per minute (gpm) (857 bpd), with approximate rates of 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 water retention pond (45% decrease at MWD-15, 23% decrease at MWD-14, and 34% decrease at MWD-16) and on the eastern property line (40% decrease at MWD-13). Significant decreases are also present at shallow wells adjacent to recovery wells MWD-3 and MWD-9 (95% decrease at MW-22 and 62% decrease at MW-23).
- The chloride recovery system is currently focused on the source area where the brine water retention 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.

4.5.2 PSH Recovery System Evaluation

Key findings in the PSH recovery system review were:

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 gallons per day (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, 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.
- The Ferret pumps are all-fluid pumps, designed to remove both groundwater and PSH from the subsurface. The PSH recovery is approximately 12% of the total flow. The technology used by this model of Ferret pump is relatively dated, and PSH recovery could be improved through the use of a Xitech pump.

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 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.
- The pump curve for the Xitech ADJ 1000 indicates the maximum flow rate is 14 gallons per hour. Therefore, a five-minute cycle time should deliver approximately 1.2 gallons of PSH. The current cycles/day and cycle time settings on the six Xitech pumps suggest 4,100 gallons of PSH should have been recovered through October 10, 2006, compared to the 733 gallons actually transferred. A portion of the discrepancy can likely be attributed to evaporation due to the local climate, and periodic pump down-time due to power failure (air compressor power or Xitech battery pack). However, a portion of the discrepancy is likely due to inefficiency in the pumping operation, suggesting the pump cycle time, pump cycles per day, and pumping level need to be evaluated.

Fractionation results indicated a PSH sample collected from RW-3 (located on the west side of the Site) had a specific gravity of 0.79 g/cm^3, an API gravity of 48, a viscosity of 1.2 centipoise (cP), and a gasoline range organics (GRO) composition of 45.7%. A PSH sample collected from MW-5 (located on the east side of the Site) had a specific gravity of 0.86 g/cm^3, an API gravity of 33, a viscosity of 14.4 cP, and a GRO composition of 24.3%. The results indicate the PSH present on the east side is comprised of a heavier petroleum product, such as crude with diesel range organics (DRO), and the PSH on the west side is comprised of condensate with DRO.

4.5.3 Soil Vapor Extraction System Evaluation

Key findings in the SVE system review were:

- In 2004, the previous consultant reported the unit removed approximately 103,351 gallons (335 tons) of hydrocarbons from the subsurface. This is based upon 3,545 hours (147 days) of operating time, a liquid equivalent volume recovered of 0.9718 gallons per 1,000 cubic feet of gas (based on chromatographic analysis), a total flow rate of 1,000 scfm, and a dilution flow of 50% (500 scfm). However, a review of the O&M data for 2004 suggests the extracted airflow from the SVE wells was closer to 150 scfm, versus 500 scfm, reducing the calculated amount removed to 30,856 gallons (100 tons).
- The chromatographic analysis of an air sample from the thermox unit influent indicates 95.8% (by weight) of the sample consists of nitrogen, oxygen, carbon dioxide, and methane. The remaining 4.2% of the sample consists of hydrocarbons C_2 and higher. Within the hydrocarbon portion, 5.4% are C_2 to C_3, 60.7% are C_4 to C_9 (GRO), and 33.9% are $>C_{10}$ (DRO). BTEX accounted for only 0.18% of the total sample, and roughly 4.3% of the C_2 and higher portion.
- A liquid equivalent volume recovered of 0.5841 gallons of hydrocarbons ($>C_2$) per 1,000 cubic feet of extracted air flow was determined by the laboratory. At a total flow rate of 169 scfm and an estimate of 6.5 pounds per gallon for the hydrocarbons, the total mass removed daily is 923 pounds (168 tons/year at 100% operation). Between March 31 and October 10, 2006, the unit has been operational for 2,604 hours with an average total airflow of 950 scfm and dilution airflow of 750 scfm (79%), suggesting 50 tons removed.
- The minimum oxygen concentration entering the thermox burner needs to be 15% for complete combustion to occur. Since the oxygen concentration in the extracted SVE well vapors is 7.7%, the dilution airflow needs to be at least 550 scfm for a total flow of 1,000 scfm. The supplemental fuel usage has been approximately 600 ccf (1 ccf = 100 cubic feet) per week, which equates to approximately 357,150 BTU per hour. The laboratory provided a BTU value of 86.3 BTU per cubic foot of extracted airflow from the 13 SVE wells. At 170 scfm, this equates to approximately 877,000 BTU per hour. This BTU value can be extrapolated for just the hydrocarbons in the extracted airflow, which represent 5.4% of the total airflow by weight (C_1 through $>C_{10}$). The BTU value for the hydrocarbons is calculated as 1,593 BTU per cubic foot, which is considerably better than the value for natural gas (1,000 BTU per cubic foot).
- Using the flow rate estimated for each well, the total mass of BTEX removed daily is 48.8 pounds (8.9 tons/year), and the total GRO removed daily is 292.2 pounds (53.3 tons/year). It is worth noting the average flow rate from each SVE well is 11.3 scfm, average photoionization detector (PID) reading is 651 parts per million (ppm), average BTEX concentration is 693 ppm, and average GRO concentration is 6,383 ppm. On average, the PID readings match up well with the BTEX concentrations. However, GRO concentrations are 85-90% higher than the PID and BTEX concentrations.
- Step tests performed on RW-2 and RW-5 suggest additional airflow can be extracted from the subsurface. However, the step tests at MW-26 and MW-27 suggest these wells are operating at peak flow rates. The recovery wells (RW-2, RW-5) perform better than the converted monitoring wells (MW-26, MW-27), likely due to the larger diameter (six-inch compared to four-inch), larger slot size (0.035 compared to 0.020), and more

screened interval above the water table. As the dilution air is cut back on the thermox unit and more SVE well airflow is allowed, the data suggests increased airflow can be realized at the four, six-inch recovery wells.

- Thermal oxidation is typically used to treat vapors up to 90% of the lower explosive limit (LEL), which is roughly 1.8% for GRO. The hydrocarbon vapors entering the thermox unit from the 13 SVE wells are at 3.8% (molar basis), which is higher than the LEL. Therefore, the vapors need to be diluted by over 50% to get to 90% of the LEL (i.e., 57 scfm dilution air for every 43 scfm). Alternatives to thermal oxidation for the SVE system vapors include catalytic oxidation and direct discharge (no treatment). Catalytic oxidation can be used to treat vapors up to 10% of the LEL. The hydrocarbon vapors would need to be diluted 20 times for catalytic oxidation to be used (i.e., 95 scfm dilution air for every 5 scfm). The state of New Mexico allows 30 tons per year of VOCs to be discharged before a treatment system is required, which is considerably less that the anticipated 168 tons per year.

5.0 TRUCK LOADING AREA INVESTIGATION

An investigation of the former truck loading area located south of the plant was conducted in November 2005. Three borings were installed (MW-32, MW-33, and MW-34) as part of this investigation. Boring MW-33, located nearest the truck loading area, was used to investigate vadose zone soil quality by collecting soil samples for BTEX, total petroleum hydrocarbons in the gasoline range (TPH-GRO), and total TPH. One sample was collected approximately every five feet to the water table, for a total of nine soil samples. The remaining wells were drilled to completion with no soil sample collection.

5.1 Soil Results

Soil results from MW-33 are summarized in Table 7 and findings are summarized below:

- Benzene, toluene, ethylbenzene, and xylenes were detected at a sample depth of 5 to 6 feet bgs at concentrations of 6.8 µg/kg, 8.4 µg/kg, 7.9 µg/kg, and 22 µg/kg, respectively.
- Toluene was detected at a sample depth of 25 to 26 feet bgs at a concentration of 12 µg/kg.
- No other concentrations were detected in the soil samples.
- All concentrations were well below the New Mexico Environmental Department (NMED) Screening Levels for Industrial/Occupational Soil of:
  - 8,080 µg/kg for benzene;
  - 252,000 µg/kg for toluene;
  - 128,000 µg/kg for ethylbenzene; and
  - 133,000 µg/kg for xylenes.

5.2 Groundwater Results

Boring MW-33 was not completed to the anticipated depth; therefore, was abandoned and not converted to a permanent well. Borings MW-32 and MW-34 were converted to permanent monitoring wells and were sampled for BTEX and chloride as part of the 1Q06 sampling event.

Results for these wells are included in Table 2a and findings are summarized below:

- Benzene concentrations were detected above the WQCC Human Health standard of 0.01 mg/l at both MW-32 (0.094 mg/l) and MW-34 (3.6 mg/l).
- Toluene concentrations were not detected in samples collected from either well.
- Ethylbenzene concentrations were detected, but were below the WQCC Human Health standard of 0.75 mg/l.
- Xylene concentrations were detected, but were below the WQCC Human Health standard of 0.62 mg/l.
- Chloride concentrations were detected above the WQCC Domestic Water Supply standard of 250 mg/l at MW-32 (1,340 mg/l) and MW-34 (575 mg/l).

6.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based upon reviews of historical data, evaluation of operations, and data collected during 2006.

6.1 Conclusions

Based on the results of the 1Q06, 2Q06, 3Q06, and 4Q06 groundwater sampling events, the data are generally consistent with the results of previous sampling events conducted at the Site and demonstrate remedial systems have stabilized the plume sizes and generally decreased or stabilized concentrations.

BTEX constituent concentrations in the plant area during the 4Q06 event were higher than in previous quarters; however, these concentrations were observed in wells that were previously not sampled due to the presence of PSH (MW-1 and MW-12). Overall, the BTEX concentrations indicate the PSH recovery system is working in the plant area, and optimization and continued operation of the PSH recovery system and SVE system should decrease the BTEX constituent concentrations.

Historical maximum shallow and deep chloride concentrations observed during the November 2004 sampling event were 16,900 mg/l and 77,600 mg/l, respectively (Highlander, January 2005). In comparison, the maximum shallow chloride and deep chloride concentrations observed during 2006 were 14,500 mg/l (at MW-6 during the 2Q06 event) and 75,500 mg/l (at MWD-3 during the 1Q06 event), respectively. In addition, the maximum detected chloride concentration decreased from 75,500 mg/l during the 1Q06 event to 55,300 mg/l during the 4Q06 event.

Chloride concentrations are highest in some of the chloride recovery wells (MWD-3 and RW-7), which is to be expected. However, concentrations at some surrounding monitoring wells (MWD-15 and MWD-16), are decreasing (23,200 mg/l in 1Q06 to 10,200 mg/l in 4Q06 at MWD-15, and 9,450 mg/l in 1Q06 to 5,010 mg/l in 4Q06 at MWD-16), indicating the plume is stable or decreasing and the chloride recovery system is performing properly.

Dissolved metals concentrations have stayed relatively stable at the Site. Chromium was detected in one well (MW-16) above the chromium WQCC Human Health standard of 0.05 mg/l. MW-16 is located east of the Site, across State Highway 18, and it is unclear whether the source of this detection is associated with the plant.

Results of the truck loading area investigation did not indicate the area is a defined source, as soil concentrations were well below soil criteria. Groundwater concentrations in wells MW-32 and MW-34 were above WQCC standards, but concentrations are likely migrating from the plant area.

6.2 Recommendations

6.2.1 Additional Evaluation

Future recommended activities involving additional evaluation include:

- Extensive subsurface soil and groundwater assessment in the plant area following the completion of demolition activities;
- Off-site groundwater delineation across State Highway 207; and
- Assessment of the remaining brine water retention pond as a continuing source.

6.2.2 Groundwater Sampling

Based on the results of the 2006 sampling events, a reduced sampling program of semi-annual groundwater monitoring at all monitoring and recovery wells (excluding PSH recovery wells) is proposed.

The sampling program will continue to consist of analyses for BTEX, chloride, TDS, and dissolved metals to determine if remedial systems are addressing the existing plumes and evaluate if sources have been delineated. The dissolved metals will continue to be monitored to determine if the detections are isolated or migrating; however, they will be reduced to arsenic, barium, chromium, and mercury. Cadmium, lead, selenium, and silver will be eliminated from the sampling program as they were not detected in 2006.

6.2.3 Remedial Systems

Based upon the mid-phase review of remedial systems at the Site, the following is recommended:

- Continued operation of the five-well chloride recovery system. The flow rates at the recovery wells should be adjusted to optimize drawdown and capture zone.
- Continued operation of the six-well West Side Xitech PSH recovery system. Pump settings should be verified to ensure cycles per day, cycle time, and pump depth are optimized.
- The elevated drum tanks which hold the PSH from the Xitech pumps should be replaced with a single, permanent pumping station once the plant demolition work is complete.
- Continued operation of the two-well East Side Ferret PSH recovery system. At some point (at a minimum when the pumps need replacement or significant repair), these pumps should be replaced with a more efficient skimming pump such as a Xitech. The PSH sample collected at MW-5 confirms that skimming pumps, versus SVE, are most appropriate for the type of PSH present.
- Continued operation of the 13-well SVE system. The system should be continually adjusted to maximize SVE well airflow, minimize dilution airflow, minimize purchased field gas volume, and maximize hydrocarbon removal.

- With time, the percentage of hydrocarbons in the 13-well SVE airflow will decrease and the air sparge bubblers can be turned on to increase the hydrocarbon content.
- Continued leasing of the 1,000-scfm thermox unit from Alliance.
- 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.

7.0 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 this location, and are subject to the following limitations:

1. The data and findings presented in this report are valid as of the dates when the investigations were performed. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration at the Site, analysis of the data, and reevaluation of the findings, observations, and conclusions expressed in the report.

2. The data reported and the findings, observations, and conclusions expressed in the report are limited by the Scope of Work. The Scope of Work was defined by the request of the client, the time and budgetary constraints imposed by the client, and availability of access to the Site. SECOR cannot verify the accuracy of data provided by previous consultants.

3. Because of the limitations stated above, the findings, observations, and conclusions expressed by SECOR in this report are not, and should not be, considered an opinion concerning the compliance of any past or present owner or operator of the Site with any federal, state, or local law or regulation.

4. No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, and conclusions, which are based solely upon Site conditions in existence at the time of the investigations.

5. SECOR reports present professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be constructed to offer legal opinion or representations as to the requirements of, nor the compliance with, environmental laws, rules, regulations, or policies of federal, state, or local governmental agencies. Any use of this report constitutes acceptance of the limits of SECOR's liability. SECOR's liability extends only to its client and not to any other parties who may obtain the report. Appropriate legal counsel should review issues raised by the report.

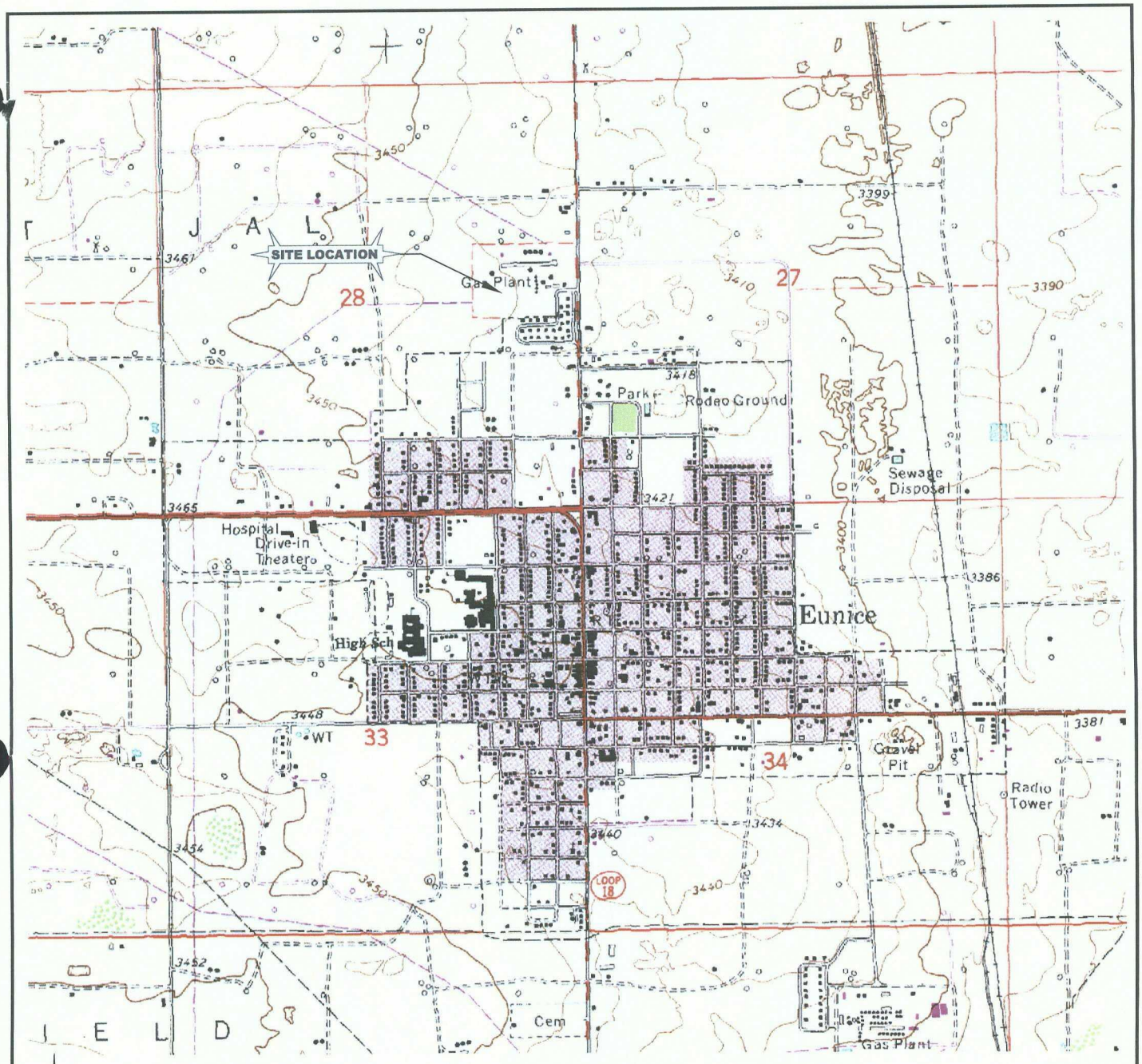
8.0 REFERENCES

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

Highlander, 2000, *2000 Annual Summary of Investigation & Remediation*, dated 2000.

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

FIGURES



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

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FOR:		FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO	SITE LOCATION MAP	1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
89CH.49410.01	ERM	RDT	RDT	10/21/05

Eunice ... Site Location Map.dwg

TABLES

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-1	9/10/1996	3335.09	53.88	3281.21	0.00
	5/28/1997	3335.09	53.45	3281.64	2.73
	12/7/1998	3335.09	53.63	3281.46	2.31
	8/23/2000	3335.09	53.37	3281.72	2.07
	3/22/2001	3335.09	54.94	3280.15	2.09
	10/16/2001	3335.09	54.97	3280.12	2.21
	4/15/2002	3335.09	55.07	3280.02	2.17
	9/13/2002	3335.09	59.11	3275.98	6.25
	4/21/2003	3335.09	54.82	3280.27	2.06
	10/20/2003	3335.09	54.95	3280.14	2.14
	2/20/2004	3335.09	54.99	3280.10	2.18
	4/6/2004	3335.09	55.00	3280.09	2.22
	4/19/2004	3335.09	54.80	3280.29	2.44
	7/26/2004	3335.09	54.92	3280.17	2.11
	11/2/2004	3335.09	53.68	3281.41	1.29
	2/14/2005	3335.09	52.94	3282.15	0.55
	5/16/2005	3335.09	52.50	3282.59	0.00
	9/10/2005	3335.09	-	-	trace
	11/28/2005	3336.85	54.28	3282.57	0.23
	2/24/2006	3336.85	54.30	3282.55	0.32
	5/2/2006	3336.85	54.26	3282.59	0.18
	8/8/2006	3336.85	54.16	3282.69	sheen
	11/1/2006	3336.85	54.16	3282.69	0.00
MW-2	9/10/1996	3335.70	55.96	3279.74	0.00
	5/28/1997	3335.70	53.79	3281.91	2.97
	12/7/1998	3335.70	53.87	3281.83	2.50
	8/23/2000	3335.70	53.61	3282.09	2.25
	3/22/2001	3335.70	55.33	3280.37	2.28
	10/16/2001	3335.70	55.18	3280.52	2.21
	4/15/2002	3335.70	55.50	3280.20	2.39
	9/13/2002	3335.70	55.55	3280.15	2.48
	4/21/2003	3335.70	53.86	3281.84	0.97
	10/20/2003	3335.70	55.46	3280.24	2.44
	2/20/2004	3335.70	55.53	3280.17	2.51
	4/6/2004	3335.70	54.70	3281.00	1.85
	4/19/2004	3335.70	55.39	3280.31	2.44
	7/26/2004	3335.70	55.18	3280.52	2.17
	11/2/2004	3335.70	54.48	3281.22	1.90
	2/14/2005	3335.70	54.06	3281.64	1.68
	5/16/2005	3335.70	54.00	3281.70	1.59
	9/10/2005	3335.70	-	-	1.30
	11/28/2005	3337.40	55.44	3281.96	1.49
	2/24/2006	3337.40	55.42	3281.98	1.52
	5/2/2006	3337.40	55.58	3281.82	1.59
	8/8/2006	3337.40	55.83	3281.57	1.80
	11/1/2006	3337.40	55.65	3281.75	1.64

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-3	5/28/1997	3339.65	57.65	3282.00	0.00
	12/7/1998	3339.65	57.74	3281.91	0.00
	8/23/2000	3339.65	57.59	3282.06	0.00
	3/22/2001	3339.65	57.39	3282.26	0.00
	10/16/2001	3339.65	56.30	3283.35	0.00
	4/15/2002	3339.65	57.38	3282.27	0.00
	9/13/2002	3339.65	57.32	3282.33	0.00
	4/22/2003	3339.65	57.55	3282.10	0.00
	10/21/2003	3339.65	57.13	3282.52	0.00
	2/20/2004	3339.65	57.13	3282.52	0.00
	4/6/2004	3339.65	57.09	3282.56	0.00
	4/19/2004	3339.65	57.07	3282.58	0.00
	4/20/2004	3339.65	57.07	3282.58	0.00
	7/26/2004	3339.65	57.04	3282.61	0.00
	11/3/2005	3339.65	56.81	3282.84	0.00
	2/14/2005	3339.65	56.53	3283.12	0.00
	5/16/2005	3339.65	56.52	3283.13	0.00
	9/9/2005	3339.65	56.45	3283.20	0.00
	11/28/2005	3339.65	Dry	-	0.00
	2/24/2006	3339.65	56.31	3283.34	0.00
	5/2/2006	3339.65	56.32	3283.33	0.00
	8/8/2006	3339.65	56.39	3283.26	0.00
	10/31/2006	3339.65	56.31	3283.34	0.00
MW-4	5/28/1997	3333.25	51.53	3281.72	0.00
	12/7/1998	3333.25	51.73	3281.52	0.00
	8/23/2000	3333.25	51.64	3281.61	0.00
	3/22/2001	3333.25	51.34	3281.91	0.00
	10/16/2001	3333.25	50.40	3282.85	0.00
	4/15/2002	3333.25	51.54	3281.71	0.00
	9/13/2002	3333.25	51.51	3281.74	0.00
	4/24/2003	3333.25	51.23	3282.02	0.00
	10/23/2003	3333.25	51.34	3281.91	0.00
	1/12/2003	3333.25	51.36	3281.89	0.00
	2/3/2004	3333.25	51.41	3281.84	0.00
	2/9/2004	3333.25	51.44	3281.81	0.00
	2/16/2004	3333.25	51.51	3281.74	0.00
	2/20/2004	3333.25	51.52	3281.73	0.00
	3/10/2004	3333.25	51.62	3281.63	0.00
	3/22/2004	3333.25	51.67	3281.58	0.00
	4/6/2004	3333.25	51.71	3281.54	0.00
	4/19/2004	3333.25	51.77	3281.48	0.00
	4/21/2004	3333.25	51.77	3281.48	0.00
	5/12/2004	3333.25	51.82	3281.43	0.00
	7/26/2004	3333.25	51.94	3281.31	0.00
	11/5/2004	3333.25	51.73	3281.52	0.00
	2/14/2005	3333.25	51.31	3281.94	0.00
	5/16/2005	3333.25	51.43	3281.82	0.00
	6/13/2005	3333.25	51.43	3281.82	0.00
	9/11/2005	3333.25	51.37	3281.88	0.00
	11/28/2005	3333.25	51.11	3282.14	0.00
	2/24/2006	3333.25	51.11	3282.14	0.00
	5/1/2006	3333.25	51.96	3281.29	0.00
	8/8/2006	3333.25	51.38	3281.87	0.00
	10/31/2006	3333.25	51.35	3281.90	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-5	5/28/1997	3333.85	52.10	3281.75	0.00
	12/7/1998	3333.85	52.62	3281.23	2.68
	8/23/2000	3333.85	52.71	3281.14	5.78
	3/22/2001	3333.85	52.00	3281.85	0.06
Installed Ferret pump (8/01)					
	10/16/2001	3333.85	*Pump*	-	-
	4/15/2002	3333.85	*Pump*	-	-
	9/13/2002	3333.85	*Pump*	-	-
	4/3/2003	3333.85	*Pump*	-	-
	10/20/2003	3333.85	*Pump*	-	-
	1/12/2004	3333.85	*Pump*	-	-
	2/3/2004	3333.85	*Pump*	-	-
	2/9/2004	3333.85	*Pump*	-	-
	2/16/2004	3333.85	*Pump*	-	-
	2/20/2004	3333.85	*Pump*	-	-
	3/10/2004	3333.85	*Pump*	-	-
	3/22/2004	3333.85	*Pump*	-	-
	4/6/2004	3333.85	*Pump*	-	-
	4/19/2004	3333.85	*Pump*	-	-
	5/12/2004	3333.85	*Pump*	-	-
	7/26/2004	3333.85	*Pump*	-	-
	11/2/2004	3333.85	*Pump*	-	-
	2/14/2005	3333.85	*Pump*	-	-
	5/16/2005	3333.85	*Pump*	-	-
	9/9/2005	3333.85	*Pump*	-	-
	11/28/2005	3333.85	*Pump*	-	-
	2/24/2006	3333.85	*Pump*	-	-
	5/2/2006	3333.85	*Pump*	-	-
	8/8/2006	3333.85	*Pump*	-	-
	11/1/2006	3333.85	*Pump*	-	-
MW-6	5/28/1997	3332.33	50.60	3281.73	0.00
	12/7/1998	3332.33	50.95	3281.38	0.00
	8/23/2000	3332.33	50.60	3281.73	0.00
	3/22/2001	3332.33	50.45	3281.88	0.00
	10/16/2001	3332.33	49.80	3282.53	0.00
	4/15/2002	3332.33	51.07	3281.26	0.00
	9/13/2002	3332.33	50.77	3281.56	0.00
	4/24/2003	3332.33	50.61	3281.72	0.00
	10/23/2003	3332.33	50.94	3281.39	0.00
	1/12/2004	3332.33	51.02	3281.31	0.00
	2/3/2004	3332.33	51.13	3281.20	0.00
	2/9/2004	3332.33	51.21	3281.12	0.00
	2/16/2004	3332.33	51.28	3281.05	0.00
	2/20/2004	3332.33	51.31	3281.02	0.00
	3/10/2004	3332.33	51.45	3280.88	0.00
	3/22/2004	3332.33	51.54	3280.79	0.00
	4/6/2004	3332.33	51.65	3280.68	0.00
	4/19/2004	3332.33	51.69	3280.64	0.00
	4/22/2004	3332.33	51.69	3280.64	0.00
	5/12/2004	3332.33	51.42	3280.91	0.00
	7/26/2004	3332.33	51.96	3280.37	0.00
	11/5/2004	3332.33	50.74	3281.59	0.00
	2/14/2005	3332.33	50.93	3281.40	0.00
	5/16/2005	3332.33	51.36	3280.97	0.00
	6/13/2005	3332.33	51.36	3280.87	0.00
	9/9/2005	3332.33	51.31	3280.92	0.00
	11/28/2005	3332.33	50.85	3281.38	0.00
	2/24/2006	3332.33	51.19	3281.14	0.00
	5/1/2006	3332.33	51.36	3280.97	0.00
	8/7/2006	3332.33	51.34	3280.99	0.00
	10/31/2006	3332.33	51.61	3280.72	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-7	5/28/1997	3330.43	48.45	3281.98	0.00
	12/7/1998	3330.43	49.01	3281.42	0.00
	8/23/2000	3330.43	48.84	3281.59	0.00
	3/22/2001	3330.43	48.32	3282.11	0.00
	10/16/2001	3330.43	47.74	3282.69	0.00
	4/15/2002	3330.43	49.00	3281.43	0.00
	9/13/2002	3330.43	48.26	3282.17	0.00
	4/24/2003	3330.43	48.62	3281.81	0.00
	10/24/2003	3330.43	49.04	3281.39	0.00
	1/12/2004	3330.43	49.16	3281.27	0.00
	2/3/2004	3330.43	49.20	3281.23	0.00
	2/9/2004	3330.43	49.22	3281.21	0.00
	2/16/2004	3330.43	49.24	3281.19	0.00
	2/20/2004	3330.43	49.25	3281.18	0.00
	3/10/2004	3330.43	49.27	3281.16	0.00
	3/22/2004	3330.43	49.30	3281.13	0.00
	4/6/2004	3330.43	49.34	3281.09	0.00
	4/19/2004	3330.43	48.85	3281.58	0.00
	4/22/2004	3330.43	48.85	3281.58	0.00
	5/12/2004	3330.43	48.96	3281.47	0.00
	7/26/2004	3330.43	49.43	3281.00	0.00
	11/5/2004	3330.43	46.21	3284.22	0.00
	2/14/2005	3330.43	47.81	3282.62	0.00
	5/16/2005	3330.43	48.56	3281.87	0.00
	6/13/2005	3330.43	48.56	3281.87	0.00
	9/9/2005	3330.43	48.25	3282.18	0.00
	11/28/2005	3330.43	48.02	3282.41	0.00
	2/24/2006	3330.43	48.59	3281.84	0.00
	5/1/2006	3330.43	50.77	3279.66	0.00
	8/7/2006	3330.43	49.32	3281.11	0.00
	10/31/2006	3330.43	49.43	3281.00	0.00
MW-8	5/28/1997	3330.59	49.20	3281.39	0.00
	12/7/1998	3330.59	49.70	3280.89	0.00
	8/23/2000	3330.59	48.99	3281.60	0.00
	3/22/2001	3330.59	49.35	3281.24	0.00
	10/16/2001	3330.59	48.31	3282.28	0.00
	4/15/2002	3330.59	49.72	3280.87	0.00
	9/13/2002	3330.59	49.57	3281.02	0.00
	4/22/2003	3330.59	49.54	3281.05	0.00
	10/21/2003	3330.59	49.81	3280.78	0.00
	1/12/2004	3330.59	49.80	3280.79	0.00
	2/3/2004	3330.59	49.85	3280.74	0.00
	2/9/2004	3330.59	49.86	3280.73	0.00
	2/16/2004	3330.59	49.87	3280.72	0.00
	2/20/2004	3330.59	49.89	3280.70	0.00
	3/10/2004	3330.59	49.87	3280.72	0.00
	3/22/2004	3330.59	49.87	3280.72	0.00
	4/6/2004	3330.59	49.89	3280.70	0.00
	4/19/2004	3330.59	49.72	3280.87	0.00
	4/20/2004	3330.59	49.72	3280.87	0.00
	5/12/2004	3330.59	49.71	3280.88	0.00
	7/26/2004	3330.59	49.90	3280.69	0.00
	11/3/2004	3330.59	48.91	3281.68	0.00
	2/14/2005	3330.59	48.76	3281.83	0.00
	5/16/2005	3330.59	49.00	3281.59	0.00
	6/13/2005	3330.59	49.00	3281.59	0.00
	9/9/2005	3330.59	48.77	3281.82	0.00
	11/28/2005	3330.59	48.61	3281.98	0.00
	2/24/2006	3330.59	48.86	3281.73	0.00
	5/1/2006	3330.59	49.03	3281.56	0.00
	8/7/2006	3330.59	49.26	3281.33	0.00
	10/31/2006	3330.59	49.24	3281.35	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-9	5/28/1997	3334.73	53.93	3280.80	0.00
	12/7/1998	3334.73	54.12	3280.61	0.00
	8/23/2000	3334.73	53.27	3281.46	0.00
	3/22/2001	3334.73	53.91	3280.82	0.00
	10/16/2001	3334.73	52.68	3282.05	0.00
	4/15/2002	3334.73	54.04	3280.69	0.00
	9/13/2002	3334.73	54.06	3280.67	0.00
	4/30/2003	3334.73	54.03	3280.70	0.00
	10/28/2003	3334.73	54.11	3280.62	0.00
	2/20/2004	3334.73	54.15	3280.58	0.00
	4/6/2004	3334.73	54.11	3280.62	0.00
	4/19/2004	3334.73	54.08	3280.65	0.00
	4/26/2004	3334.73	54.08	3280.65	0.00
	7/26/2004	3334.73	54.13	3280.60	0.00
	11/9/2004	3334.73	53.81	3280.92	0.00
	2/14/2005	3334.73	53.54	3281.19	0.00
	5/16/2005	3334.73	53.56	3281.17	0.00
	9/10/2005	3334.73	53.44	3281.29	0.00
	11/28/2005	3334.73	53.36	3281.37	0.00
	2/24/2006	3334.73	53.41	3281.32	0.00
	5/1/2006	3334.73	53.42	3281.31	0.00
	8/7/2006	3334.73	53.46	3281.27	0.00
	10/31/2006	3334.73	53.48	3281.25	0.00
MW-10	5/28/1997	3334.64	52.99	3281.65	0.00
	12/7/1998	3334.64	53.16	3281.48	0.00
	8/23/2000	3334.64	52.85	3281.79	0.00
	3/22/2001	3334.64	52.87	3281.77	0.00
	10/16/2001	3334.64	51.71	3282.93	0.00
	4/15/2002	3334.64	52.92	3281.72	0.00
	9/13/2002	3334.64	52.82	3281.82	0.00
	4/28/2003	3334.64	52.79	3281.85	0.00
	10/27/2003	3334.64	52.87	3281.77	0.00
	2/20/2004	3334.64	52.86	3281.78	0.00
	4/6/2004	3334.64	52.83	3281.81	0.00
	4/19/2004	3334.64	52.79	3281.85	0.00
	4/26/2004	3334.64	52.79	3281.85	0.00
	7/26/2004	3334.64	52.83	3281.81	0.00
	11/11/2004	3334.64	52.36	3282.28	0.00
	2/14/2005	3334.64	52.10	3282.54	0.00
	5/16/2005	3334.64	52.15	3282.49	0.01
	9/10/2005	3334.64	-	-	trace
	11/28/2005	3336.38	67.99	3268.39	14.28
	2/24/2006	3336.38	53.62	3282.76	0.00
	5/2/2006	3336.38	53.74	3282.64	0.00
	8/8/2006	3336.38	53.83	3282.55	sheen
	11/1/2006	3336.38	53.76	3282.62	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-11	5/28/1997	3334.86	53.12	3281.74	0.00
	12/7/1998	3334.86	53.32	3281.54	0.00
	8/23/2000	3334.86	52.98	3281.88	0.00
	3/22/2001	3334.86	53.00	3281.86	0.00
	10/16/2001	3334.86	52.89	3281.97	0.00
	4/15/2002	3334.86	53.08	3281.78	0.00
	9/13/2002	3334.86	53.02	3281.84	0.00
	4/28/2003	3334.86	52.88	3281.98	0.00
	10/27/2003	3334.86	52.98	3281.88	0.00
	2/20/2004	3334.86	53.00	3281.86	0.00
	4/6/2004	3334.86	52.96	3281.90	0.00
	4/19/2004	3334.86	52.92	3281.94	0.00
	4/26/2004	3334.86	52.92	3281.94	0.00
	7/26/2004	-	Temp Plug - casing parted	-	-
	11/11/2004	3334.86	52.44	3282.42	0.00
	2/14/2005	3334.86	52.10	3282.76	0.00
	5/16/2005	3334.86	52.20	3282.66	0.00
	9/10/2005	3334.86	52.05	3282.81	0.00
	11/28/2005	3334.86	51.93	3282.93	0.00
	2/24/2006	3334.86	51.96	3282.90	0.00
	5/2/2006	3334.86	52.05	3282.81	0.00
	8/8/2006	3334.86	52.19	3282.67	0.00
	11/1/2006	3334.86	52.12	3282.74	0.00
MW-12	5/28/1997	3333.88	52.02	3281.86	0.00
	12/7/1998	3333.88	52.26	3281.62	0.00
	8/23/2000	3333.88	51.86	3282.02	0.00
	3/22/2001	3333.88	51.88	3282.00	0.00
	10/16/2001	3333.88	51.86	3282.02	0.00
	4/15/2002	3333.88	52.12	3281.76	0.00
	9/13/2002	3333.88	52.04	3281.84	0.00
	4/30/2003	3333.88	51.88	3282.00	0.00
	10/28/2003	3333.88	52.08	3281.80	0.00
	2/20/2004	3333.88	52.13	3281.75	0.00
	4/6/2004	3333.88	52.11	3281.77	0.00
	4/19/2004	3333.88	52.06	3281.82	0.00
	4/26/2004	3333.88	52.06	3281.82	0.00
	5/12/2004	3333.88	52.05	3281.83	0.00
	7/26/2004	3333.88	52.13	3281.75	0.00
	11/2/2004	3333.88	51.45	3282.43	0.04
	2/14/2005	3333.88	51.08	3282.80	0.04
	5/16/2005	3333.88	51.31	3282.57	0.10
	9/10/2005	3333.88	-	-	0.03
	11/28/2005	3333.88	51.10	3282.78	0.25
	2/24/2006	3333.88	51.28	3282.60	0.34
	5/2/2006	3333.88	51.51	3282.37	0.38
	8/8/2006	3333.88	51.76	3282.12	0.38
	11/1/2006	3333.88	51.29	3282.59	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-13	12/7/1998	3336.15	56.84	3279.31	0.00
	8/23/2000	3336.15	56.72	3279.43	0.00
	3/22/2001	3336.15	56.68	3279.47	0.00
	10/16/2001	3336.15	55.60	3280.55	0.00
	4/15/2002	3336.15	56.77	3279.38	0.00
	9/13/2002	3336.15	56.79	3279.36	0.00
	4/21/2003	3336.15	56.77	3279.38	0.00
	10/21/2003	3336.15	56.81	3279.34	0.00
	2/20/2004	3336.15	56.82	3279.33	0.00
	4/6/2004	3336.15	56.77	3279.38	0.00
	4/19/2004	3336.15	56.79	3279.36	0.00
	4/20/2004	3336.15	56.79	3279.36	0.00
	7/26/2004	3336.15	56.84	3279.31	0.00
	11/3/2004	3336.15	56.84	3279.31	0.00
	2/14/2005	3336.15	56.56	3279.59	0.00
	5/16/2005	3336.15	56.51	3279.64	0.00
	9/9/2005	3336.15	56.48	3279.67	0.00
	11/28/2005	3336.15	56.40	3279.75	0.00
	2/24/2006	3336.15	56.39	3279.76	0.00
	5/1/2006	3336.15	56.31	3279.84	0.00
	8/8/2006	3336.15	56.37	3279.78	0.00
	10/31/2006	3336.15	56.32	3279.83	0.00
MW-14	12/7/1998	3333.04	53.10	3279.94	0.00
	8/23/2000	3333.04	52.50	3280.54	0.00
	3/22/2001	3333.04	52.86	3280.18	0.00
	10/16/2001	3333.04	51.13	3281.91	0.00
	4/15/2002	3333.04	53.03	3280.01	0.00
	9/13/2002	3333.04	53.04	3280.00	0.00
	4/21/2003	3333.04	53.03	3280.01	0.00
	10/21/2003	3333.04	53.12	3279.92	0.00
	2/20/2004	3333.04	53.13	3279.91	0.00
	4/6/2004	3333.04	53.11	3279.93	0.00
	4/19/2004	3333.04	53.11	3279.93	0.00
	4/20/2004	3333.04	53.11	3279.93	0.00
	7/26/2004	3333.04	53.18	3279.86	0.00
	11/2/2004	3333.04	53.02	3280.02	0.00
	2/14/2005	3333.04	52.69	3280.35	0.00
	5/16/2005	3333.04	52.66	3280.38	0.00
	6/13/2005	3333.04	52.66	3280.38	0.00
	9/9/2005	3333.04	52.59	3280.45	0.00
	11/28/2005	3333.04	52.51	3280.53	0.00
	2/24/2006	3333.04	52.51	3280.53	0.00
	5/1/2006	3333.04	52.52	3280.52	0.00
	8/7/2006	3333.04	52.58	3280.46	0.00
	10/31/2006	3333.04	52.60	3280.44	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-15	12/7/1998	3328.98	48.07	3280.91	0.00
	8/23/2000	3328.98	48.26	3280.72	0.00
	3/22/2001	3328.98	47.78	3281.20	0.00
	10/16/2001	3328.98	47.15	3281.83	0.00
	4/15/2002	3328.98	48.28	3280.70	0.00
	9/13/2002	3328.98	48.18	3280.80	0.00
	4/21/2003	3328.98	47.92	3281.06	0.00
	10/21/2003	3328.98	48.30	3280.68	0.00
	1/12/2004	3328.98	48.32	3280.66	0.00
	2/3/2004	3328.98	48.32	3280.66	0.00
	2/9/2004	3328.98	48.32	3280.66	0.00
	2/16/2004	3328.98	48.33	3280.65	0.00
	2/20/2004	3328.98	48.35	3280.63	0.00
	3/10/2004	3328.98	48.34	3280.64	0.00
	3/22/2004	3328.98	48.36	3280.62	0.00
	4/6/2004	3328.98	48.39	3280.59	0.00
	4/19/2004	3328.98	48.39	3280.59	0.00
	4/20/2004	3328.98	48.39	3280.59	0.00
	5/12/2004	3328.98	48.37	3280.61	0.00
	7/26/2004	3328.98	48.51	3280.47	0.00
	11/11/2004	3328.98	48.16	3280.82	0.00
	2/14/2005	3328.98	47.66	3281.32	0.00
	5/16/2005	3328.98	47.85	3281.13	0.00
	9/11/2005	3328.98	47.89	3281.09	0.00
	11/28/2005	3328.98	47.80	3281.18	0.00
	2/24/2006	3328.98	NA[3]	NA[3]	NA[3]
	5/1/2006	3328.98	NA[3]	NA[3]	NA[3]
	8/8/2006	3328.98	48.26	3280.72	0.00
	11/1/2006	3328.98	48.32	3280.66	0.00
MW-16	12/7/1998	3330.20	49.09	3281.11	0.00
	8/23/2000	3330.20	49.25	3280.95	0.00
	3/22/2001	3330.20	48.87	3281.33	0.00
	10/16/2001	3330.20	47.10	3283.10	0.00
	4/15/2002	3330.20	49.25	3280.95	0.00
	9/13/2002	3330.20	49.22	3280.98	0.00
	4/21/2003	3330.20	48.95	3281.25	0.00
	10/20/2003	3330.20	49.17	3281.03	0.00
	1/12/2004	3330.20	49.20	3281.00	0.00
	2/3/2004	3330.20	49.20	3281.00	0.00
	2/9/2004	3330.20	49.22	3280.98	0.00
	2/16/2004	3330.20	49.23	3280.97	0.00
	2/20/2004	3330.20	49.26	3280.94	0.00
	3/10/2004	3330.20	49.26	3280.94	0.00
	3/22/2004	3330.20	49.27	3280.93	0.00
	4/6/2004	3330.20	49.31	3280.89	0.00
	4/19/2004	3330.20	49.32	3280.88	0.00
	4/20/2004	3330.20	49.32	3280.88	0.00
	5/12/2004	3330.20	49.32	3280.88	0.00
	7/26/2004	3330.20	49.47	3280.73	0.00
	11/11/2004	3330.20	49.33	3280.87	0.00
	2/14/2005	3330.20	48.93	3281.27	0.00
	5/16/2005	3330.20	49.03	3281.17	0.00
	9/11/2005	3330.20	49.03	3281.17	0.00
	11/28/2005	3330.20	48.93	3281.27	0.00
	2/24/2006	3330.20	NA[3]	NA[3]	NA[3]
	5/1/2006	3330.20	NA[3]	NA[3]	NA[3]
	8/8/2006	3330.20	49.19	3281.01	0.00
	11/1/2006	3330.20	49.24	3280.96	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-17	12/7/1998	3334.32	52.84	3281.48	0.00
	8/23/2000	3334.32	52.86	3281.46	0.00
	3/22/2001	3334.32	52.53	3281.79	0.00
	10/16/2001	3334.32	51.62	3282.70	0.00
	4/15/2002	3334.32	52.74	3281.58	0.00
	9/13/2002	3334.32	52.71	3281.61	0.00
	4/22/2003	3334.32	52.44	3281.88	0.00
	10/22/2003	3334.32	52.52	3281.80	0.00
	1/12/2004	3334.32	52.55	3281.77	0.00
	2/3/2004	3334.32	52.70	3281.62	0.00
	2/9/2004	3334.32	52.75	3281.57	0.00
	2/16/2004	3334.32	52.82	3281.50	0.00
	2/20/2004	3334.32	52.87	3281.45	0.00
	3/10/2004	3334.32	52.96	3281.36	0.00
	3/22/2004	3334.32	53.02	3281.30	0.00
	4/6/2004	3334.32	53.08	3281.24	0.00
	4/19/2004	3334.32	53.13	3281.19	0.00
	4/21/2004	3334.32	53.13	3281.19	0.00
	5/12/2004	3334.32	53.20	3281.12	0.00
	7/26/2004	3334.32	53.34	3280.98	0.00
	11/3/2004	3334.32	53.18	3281.14	0.00
	2/14/2005	3334.32	52.95	3281.37	0.00
	5/16/2005	3334.32	53.02	3281.30	0.00
	9/12/2005	3334.32	52.98	3281.34	0.00
	11/28/2005	3334.32	52.64	3281.68	0.00
	2/24/2006	3334.32	52.68	3281.64	0.00
	5/1/2006	3334.32	52.66	3281.66	0.00
	8/8/2006	3334.32	52.59	3281.73	0.00
	10/31/2006	3334.32	52.64	3281.68	0.00
MW-18	12/7/1998	3336.10	54.33	3281.77	0.00
	8/23/2000	3336.10	54.21	3281.89	0.00
	3/22/2001	3336.10	53.96	3282.14	0.00
	10/16/2001	3336.10	52.92	3283.18	0.00
	4/15/2002	3336.10	54.01	3282.09	0.00
	9/13/2002	3336.10	53.98	3282.12	0.00
	4/22/2003	3336.10	53.74	3282.36	0.00
	10/22/2003	3336.10	53.75	3282.35	0.00
	1/12/2004	3336.10	53.74	3282.36	0.00
	2/3/2004	3336.10	53.75	3282.35	0.00
	2/9/2004	3336.10	53.74	3282.36	0.00
	2/16/2004	3336.10	53.75	3282.35	0.00
	2/20/2004	3336.10	53.79	3282.31	0.00
	3/10/2004	3336.10	53.79	3282.31	0.00
	3/22/2004	3336.10	53.82	3282.28	0.00
	4/6/2004	3336.10	53.84	3282.26	0.00
	4/19/2004	3336.10	53.86	3282.24	0.00
	4/21/2004	3336.10	53.86	3282.24	0.00
	5/12/2004	3336.10	53.87	3282.23	0.00
	7/26/2004	3336.10	53.92	3282.18	0.00
	11/3/2004	3336.10	53.83	3282.27	0.00
	2/14/2005	3336.10	53.48	3282.62	0.00
	5/16/2005	3336.10	53.45	3282.65	0.00
	9/9/2005	3336.10	53.40	3282.70	0.00
	11/28/2005	3336.10	53.28	3282.82	0.00
	2/24/2006	3336.10	53.20	3282.90	0.00
	5/2/2006	3336.10	53.37	3282.73	0.00
	8/8/2006	3336.10	53.39	3282.71	0.00
	10/31/2006	3336.10	53.30	3282.80	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-19	8/23/2000	3334.21	52.44	3281.77	0.00
	3/22/2001	3334.21	52.26	3281.95	0.00
	10/16/2001	3334.21	51.42	3282.79	0.00
	4/15/2002	3334.21	52.64	3281.57	0.00
	9/13/2002	3334.21	52.50	3281.71	0.00
	4/22/2003	3334.21	52.29	3281.92	0.00
	10/22/2003	3334.21	52.57	3281.64	0.00
	1/12/2004	3334.21	52.60	3281.61	0.00
	2/3/2004	3334.21	52.62	3281.59	0.00
	2/9/2004	3334.21	52.65	3281.56	0.00
	2/16/2004	3334.21	52.68	3281.53	0.00
	2/20/2004	3334.21	52.69	3281.52	0.00
	3/10/2004	3334.21	52.72	3281.49	0.00
	3/22/2004	3334.21	52.75	3281.46	0.00
	4/6/2004	3334.21	52.79	3281.42	0.00
	4/19/2004	3334.21	52.79	3281.42	0.00
	4/22/2004	3334.21	52.79	3281.42	0.00
	5/12/2004	3334.21	52.71	3281.50	0.00
	7/26/2004	3334.21	52.86	3281.35	0.00
	11/9/2004	3334.21	52.04	3282.17	0.00
	2/14/2005	3334.21	51.71	3282.50	0.04
	5/16/2005	3334.21	52.12	3282.09	0.16
	9/10/2005	3334.21	-	-	0.05
	11/28/2005	3334.21	51.86	3282.74	0.39
	2/24/2006	3334.21	52.21	3282.00	0.53
	5/1/2006	3334.21	52.60	3281.61	0.63
	8/8/2006	3334.21	52.26	3281.95	0.04
	10/31/2006	3334.21	52.12	3282.09	0.00
MW-20	8/23/2000	3334.06	52.65	3281.41	2.65
	3/22/2001	3334.06	52.20	3281.86	0.04
	Installed Ferret pump (8/01)				
	10/16/2001	3334.06	*Pump*	-	-
	4/15/2002	3334.06	*Pump*	-	-
	9/13/2002	3334.06	*Pump*	-	-
	4/21/2003	3334.06	*Pump*	-	-
	10/20/2003	3334.06	*Pump*	-	-
	1/12/2004	3334.06	*Pump*	-	-
	2/3/2004	3334.06	*Pump*	-	-
	2/9/2004	3334.06	*Pump*	-	-
	2/16/2004	3334.06	*Pump*	-	-
	2/20/2004	3334.06	*Pump*	-	-
	3/10/2004	3334.06	*Pump*	-	-
	3/22/2004	3334.06	*Pump*	-	-
	4/6/2004	3334.06	*Pump*	-	-
	4/19/2004	3334.06	*Pump*	-	-
	7/26/2004	3334.06	*Pump*	-	-
	11/2/2004	3334.06	*Pump*	-	-
	2/14/2005	3334.06	*Pump*	-	-
	5/16/2005	3334.06	*Pump*	-	-
	9/9/2005	3334.06	*Pump*	-	-
	11/28/2005	3334.06	*Pump*	-	-
	2/24/2006	3334.06	*Pump*	-	-
	5/1/2006	3334.06	*Pump*	-	-
	8/8/2006	3334.06	*Pump*	-	-
	11/1/2006	3334.06	*Pump*	-	-

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-21	8/23/2000	3333.02	51.37	3281.65	0.01
	3/22/2001	3333.02	51.14	3281.88	0.00
	10/16/2001	3333.02	51.38	3281.64	0.04
	4/15/2002	3333.02	51.65	3281.37	trace
	9/13/2002	3333.02	51.36	3281.66	trace
	4/21/2003	3333.02	51.36	3281.66	trace
	10/20/2003	3333.02	51.56	3281.46	trace
	1/12/2004	3333.02	51.65	3281.37	trace
	2/3/2004	3333.02	51.67	3281.35	trace
	2/9/2004	3333.02	51.71	3281.31	trace
	2/16/2004	3333.02	51.74	3281.28	trace
	2/20/2004	3333.02	51.76	3281.26	trace
	3/10/2004	3333.02	51.79	3281.23	trace
	3/22/2004	3333.02	51.84	3281.18	0.01
	4/6/2004	3333.02	51.87	3281.15	trace
	4/19/2004	3333.02	51.84	3281.18	0.01
	4/26/2004	3333.02	51.84	3281.18	0.01
	5/12/2004	3333.02	51.75	3281.27	0.00
	7/26/2004	3333.02	51.98	3281.04	0.00
	11/2/2004	3333.02	50.64	3282.38	trace
	2/14/2005	3333.02	50.57	3282.45	0.00
	5/16/2005	3333.02	51.01	3282.01	trace
	9/10/2005	3333.02	-	-	trace
	11/28/2005	3333.02	50.50	3282.52	0.00
	2/24/2006	3333.02	50.86	3282.16	0.00
	5/1/2006	3333.02	51.25	3281.77	0.00
	8/8/2006	3333.02	51.49	3281.53	sheen
	10/31/2006	3333.02	51.45	3281.57	0.00
MW-22	8/23/2000	3334.87	52.66	3282.21	0.00
	3/22/2001	3334.87	52.97	3281.90	0.00
	10/16/2001	3334.87	52.38	3282.49	0.00
	4/15/2002	3334.87	53.60	3281.27	0.00
	9/13/2002	3334.87	53.27	3281.60	0.00
	4/28/2003	3334.87	53.16	3281.71	0.00
	10/24/2003	3334.87	53.47	3281.40	0.00
	1/12/2004	3334.87	53.55	3281.32	0.00
	2/3/2004	3334.87	54.56	3280.31	0.00
	2/9/2004	3334.87	54.61	3280.26	0.00
	2/16/2004	3334.87	54.72	3280.15	0.00
	2/20/2004	3334.87	54.01	3280.86	0.00
	3/10/2004	3334.87	54.70	3280.17	0.00
	3/22/2004	3334.87	54.88	3279.99	0.00
	4/6/2004	3334.87	55.02	3279.85	0.00
	4/19/2004	3334.87	55.03	3279.84	0.00
	4/22/2004	3334.87	55.03	3279.84	0.00
	5/12/2004	3334.87	55.02	3279.85	0.00
	7/26/2004	3334.87	55.22	3279.65	0.00
	11/9/2004	3334.87	53.96	3280.91	0.00
	2/14/2005	3334.87	54.12	3280.75	0.00
	5/16/2005	3334.87	54.43	3280.44	0.00
	9/9/2005	3334.87	54.31	3280.56	0.00
	11/28/2005	3334.87	53.86	3281.01	0.00
	2/24/2006	3334.87	54.20	3280.67	0.00
	5/1/2006	3334.87	54.48	3280.39	0.00
	8/8/2006	3334.87	53.84	3281.03	0.00
	10/31/2006	3334.87	53.93	3280.94	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-23	8/23/2000	3334.45	52.70	3281.75	0.00
	3/22/2001	3334.45	52.70	3281.75	0.00
	10/16/2001	3334.45	51.92	3282.53	0.00
	4/15/2002	3334.45	53.08	3281.37	0.00
	9/13/2002	3334.45	52.98	3281.47	0.00
	4/23/2003	3334.45	52.70	3281.75	0.00
	10/24/2003	3334.45	52.90	3281.55	0.00
	1/12/2004	3334.45	52.94	3281.51	0.00
	2/3/2004	3334.45	54.32	3280.13	0.00
	2/9/2004	3334.45	54.39	3280.06	0.00
	2/16/2004	3334.45	54.40	3280.05	0.00
	2/20/2004	3334.45	54.52	3279.93	0.00
	3/10/2004	3334.45	54.66	3279.79	0.00
	3/22/2004	3334.45	54.71	3279.74	0.00
	4/6/2004	3334.45	54.79	3279.66	0.00
	4/19/2004	3334.45	54.86	3279.59	0.00
	4/22/2004	3334.45	54.86	3279.59	0.00
	5/12/2004	3334.45	54.94	3279.51	0.00
	7/26/2004	3334.45	55.20	3279.25	0.00
	11/9/2004	3334.45	54.85	3279.60	0.00
	2/14/2005	3334.45	54.69	3279.76	0.00
	5/16/2005	3334.45	54.84	3279.61	0.00
	9/9/2005	3334.45	54.73	3279.72	0.00
	11/28/2005	3334.45	54.14	3280.31	0.00
	2/24/2006	3334.45	54.25	3280.20	0.00
	5/1/2006	3334.45	54.34	3280.11	0.00
	8/8/2006	3334.45	53.22	3281.23	0.00
	10/31/2006	3334.45	53.44	3281.01	0.00
MW-24	10/16/2001	3335.22	52.11	3283.11	0.00
	4/15/2002	3335.22	53.29	3281.93	0.00
	9/13/2002	3335.22	53.26	3281.96	0.00
	4/28/2003	3335.22	53.12	3282.10	0.00
	10/27/2003	3335.22	53.17	3282.05	0.00
	2/20/2004	3335.22	53.19	3282.03	0.00
	4/6/2004	3335.22	53.16	3282.06	0.00
	4/19/2004	3335.22	53.13	3282.09	0.00
	4/23/2004	3335.22	53.13	3282.09	0.00
	7/26/2004	3335.22	53.16	3282.06	0.00
	11/9/2004	3335.22	52.63	3282.59	0.00
	2/14/2005	3335.22	52.38	3282.84	0.00
	5/16/2005	3335.22	52.46	3282.76	0.00
	9/10/2005	3335.22	52.35	3282.87	0.00
	11/28/2005	3336.97	53.97	3283.00	0.00
	2/24/2006	3336.97	53.94	3283.03	0.00
	5/2/2006	3336.97	54.05	3282.92	0.00
	8/8/2006	3336.97	54.18	3282.79	0.00
	11/1/2006	3336.97	54.13	3282.84	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-25	10/16/2001	3334.55	51.46	3283.09	0.00
	4/15/2002	3334.55	52.68	3281.87	0.00
	9/13/2002	3334.55	52.60	3281.95	0.00
	4/28/2003	3334.55	52.41	3282.14	0.00
	10/27/2003	3334.55	52.59	3281.96	0.00
	2/20/2004	3334.55	52.64	3281.91	0.00
	4/6/2004	3334.55	52.66	3281.89	0.00
	4/19/2004	3334.55	52.63	3281.92	0.00
	4/23/2004	3334.55	52.63	3281.92	0.00
	5/12/2004	3334.55	52.57	3281.98	0.00
	7/26/2004	3334.55	52.68	3281.87	0.00
	11/9/2004	3334.55	52.06	3282.49	0.00
	2/14/2005	3334.55	51.68	3282.87	0.00
	5/16/2005	3334.55	51.68	3282.87	0.00
	9/10/2005	3334.55	51.69	3282.86	0.00
	11/28/2005	3336.31	53.28	3283.03	0.00
	2/24/2006	3336.31	53.36	3282.95	0.00
	5/2/2006	3336.31	53.58	3282.73	0.00
	8/8/2006	3336.31	53.73	3282.58	0.00
	11/1/2006	3336.31	53.69	3282.62	0.00
MW-26	10/16/2001	3333.16	50.15	3283.01	0.00
	4/15/2002	3333.16	51.47	3281.69	0.00
	9/13/2002	3333.16	51.45	3281.71	0.00
	4/30/2003	3333.16	51.32	3281.84	0.00
	10/27/2003	3333.16	51.44	3281.72	0.00
	2/20/2004	3333.16	51.47	3281.69	0.00
	4/6/2004	3333.16	51.44	3281.72	0.00
	4/19/2004	3333.16	51.42	3281.74	0.00
	4/23/2004	3333.16	51.42	3281.74	0.00
	7/26/2004	3333.16	51.44	3281.72	0.00
	11/11/2004	3333.16	50.88	3282.28	0.00
	2/14/2005	3333.16	50.57	3282.59	0.00
	5/16/2005	3333.16	50.67	3282.49	0.00
	9/10/2005	3333.16	50.54	3282.62	0.00
	11/28/2005	3334.93	52.15	3282.78	0.00
	2/24/2006	3334.93	52.19	3282.74	0.00
	5/2/2006	3334.93	52.30	3282.63	0.00
	8/8/2006	3334.93	52.39	3282.54	0.00
	11/1/2006	3334.93	52.38	3282.55	0.00
MW-27	10/16/2001	3333.18	50.13	3283.05	0.00
	4/15/2002	3333.18	51.43	3281.75	0.00
	9/13/2002	3333.18	51.38	3281.80	0.00
	4/30/2003	3333.18	51.24	3281.94	0.00
	10/27/2003	3333.18	51.37	3281.81	0.00
	2/20/2004	3333.18	51.40	3281.78	0.00
	4/6/2004	3333.18	51.39	3281.79	0.00
	4/19/2004	3333.18	51.36	3281.82	0.00
	4/23/2004	3333.18	51.36	3281.82	0.00
	4/23/2004	3333.18	51.40	3281.78	0.00
	11/11/2004	3333.18	50.78	3282.40	0.00
	2/14/2005	3333.18	50.43	3282.75	0.00
	5/16/2005	3333.18	50.57	3282.61	0.00
	9/10/2005	3333.18	50.41	3282.77	0.00
	11/28/2005	3334.96	52.02	3282.94	0.00
	2/24/2006	3334.96	52.09	3282.87	0.00
	5/2/2006	3334.96	53.56	3281.40	1.34
	8/8/2006	3334.96	52.38	3282.58	0.00
	11/1/2006	3334.96	52.32	3282.64	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MW-28	10/16/2001	3333.04	50.01	3283.03	0.00
	4/15/2002	3333.04	51.35	3281.69	0.00
	9/13/2002	3333.04	51.82	3281.22	0.00
	4/21/2003	3333.04	51.49	3281.55	0.46
	10/20/2003	3333.04	51.73	3281.31	0.05
	Installed Xitech pump				
	4/6/2004	3333.04	*Pump*	-	-
	4/19/2004	3333.04	*Pump*	-	-
	7/26/2004	3333.04	*Pump*	-	-
	11/2/2004	3333.04	*Pump*	-	-
	2/14/2005	3333.04	*Pump*	-	-
	5/16/2005	3333.04	*Pump*	-	-
	9/9/2005	3333.04	*Pump*	-	-
	11/28/2005	3333.04	*Pump*	-	-
	2/24/2006	3333.04	*Pump*	-	-
	5/1/2006	3333.04	*Pump*	-	-
	8/8/2006	3333.04	*Pump*	-	-
	11/1/2006	3333.04	*Pump*	-	-
MW-29	11/8/2004	3334.01	52.48	3281.53	0.00
	2/14/2005	3334.01	52.31	3281.70	0.00
	5/16/2005	3334.01	52.42	3281.59	0.00
	9/9/2005	3334.01	52.26	3281.75	0.00
	11/28/2005	3334.01	52.13	3281.88	0.00
	2/24/2006	3334.01	52.28	3281.73	0.00
	5/1/2006	3334.01	52.36	3281.65	0.00
	8/7/2006	3334.01	52.48	3281.53	0.00
	10/31/2006	3334.01	52.47	3281.54	0.00
MW-30	11/5/2004	3336.49	55.68	3280.81	0.00
	2/14/2005	3336.49	55.42	3281.07	0.00
	5/16/2005	3336.49	55.42	3281.07	0.00
	6/13/2005	3336.49	55.42	3281.07	0.00
	9/9/2005	3336.49	55.35	3281.14	0.00
	11/28/2005	3336.49	55.23	3281.26	0.00
	2/24/2006	3336.49	55.24	3281.25	0.00
	5/1/2006	3336.49	55.23	3281.26	0.00
	8/7/2006	3336.49	55.29	3281.20	0.00
	10/31/2006	3336.49	55.28	3281.21	0.00
MW-31	11/8/2004	3334.52	54.20	3280.32	0.00
	2/14/2005	3334.52	53.91	3280.61	0.00
	5/16/2005	3334.52	53.90	3280.62	0.00
	9/9/2005	3334.52	53.82	3280.70	0.00
	11/28/2005	3334.52	53.73	3280.79	0.00
	2/24/2006	3334.52	53.74	3280.78	0.00
	5/1/2006	3334.52	53.71	3280.81	0.00
	8/7/2006	3334.52	53.79	3280.73	0.00
	10/31/2006	3334.52	53.76	3280.76	0.00
MW-32	2/24/2006	3333.01	50.75	3282.26	0.00
	5/1/2006	3333.01	50.90	3282.11	0.00
	8/7/2006	3333.01	51.10	3281.91	0.00
	10/31/2006	3333.01	51.05	3281.96	0.00
MW-34	2/24/2006	3335.77	53.32	3282.45	0.00
	5/1/2006	3335.77	53.39	3282.38	0.00
	8/7/2006	3335.77	53.36	3282.41	0.00
	10/31/2006	3335.77	53.27	3282.50	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-1	10/16/2001	3335.26	52.44	3282.82	0.00
	4/15/2002	3335.26	53.56	3281.70	0.00
	9/13/2002	3335.26	53.53	3281.73	0.00
	4/23/2003	3335.26	53.26	3282.00	0.00
	10/23/2003	3335.26	53.34	3281.92	0.00
	1/12/2004	3335.26	53.35	3281.91	0.00
	2/3/2004	3335.26	53.48	3281.78	0.00
	2/9/2004	3335.26	53.57	3281.69	0.00
	2/16/2004	3335.26	53.64	3281.62	0.00
	2/20/2004	3335.26	53.68	3281.58	0.00
	3/10/2004	3335.26	53.78	3281.48	0.00
	3/22/2004	3335.26	53.83	3281.43	0.00
	4/6/2004	3335.26	53.90	3281.36	0.00
	4/19/2004	3335.26	53.95	3281.31	0.00
	4/21/2004	3335.26	53.95	3281.31	0.00
	5/12/2004	3335.26	54.01	3281.25	0.00
	7/26/2004	3335.26	54.16	3281.10	0.00
	11/3/2004	3335.26	54.08	3281.18	0.00
	2/14/2005	3335.26	53.78	3281.48	0.00
	5/16/2005	3335.26	53.83	3281.43	0.00
	9/12/2005	3335.26	53.77	3281.49	0.00
	11/28/2005	3335.26	53.45	3281.81	0.00
	2/24/2006	3335.26	53.49	3281.77	0.00
	5/1/2006	3335.26	53.51	3281.75	0.00
	8/8/2006	3335.26	53.43	3281.83	0.00
	10/31/2006	3335.26	53.47	3281.79	0.00
MWD-2	10/16/2001	3336.32	53.33	3282.99	0.00
	4/15/2002	3336.32	54.47	3281.85	0.00
	9/13/2002	3336.32	54.43	3281.89	0.00
	4/24/2003	3336.32	54.15	3282.17	0.00
	10/23/2003	3336.32	54.25	3282.07	0.00
	1/12/2004	3336.32	54.26	3282.06	0.00
	2/3/2004	3336.32	54.29	3282.03	0.00
	2/9/2004	3336.32	54.32	3282.00	0.00
	2/16/2004	3336.32	54.35	3281.97	0.00
	2/20/2004	3336.32	54.38	3281.94	0.00
	3/10/2004	3336.32	54.46	3281.86	0.00
	3/22/2004	3336.32	54.50	3281.82	0.00
	4/6/2004	3336.32	54.53	3281.79	0.00
	4/19/2004	3336.32	54.58	3281.74	0.00
	4/21/2004	3336.32	54.58	3281.74	0.00
	5/12/2004	3336.32	54.61	3281.71	0.00
	7/26/2004	3336.32	54.71	3281.61	0.00
	11/3/2004	3336.32	54.52	3281.80	0.00
	2/14/2005	3336.32	54.12	3282.20	0.00
	5/16/2005	3336.32	54.18	3282.14	0.00
	9/11/2005	3336.32	54.17	3282.15	0.00
	11/28/2005	3336.32	53.92	3282.40	0.00
	2/24/2006	3336.32	53.89	3282.43	0.00
	5/1/2006	3336.32	54.77	3281.55	0.00
	8/8/2006	3336.32	54.20	3282.12	0.00
	10/31/2006	3336.32	54.18	3282.14	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-3	10/16/2001	3335.06	52.68	3282.38	0.00
	4/15/2002	3335.06	53.74	3281.32	0.00
	9/13/2002	3335.06	53.40	3281.66	0.00
	4/28/2003	3335.06	53.30	3281.76	0.00
	10/28/2003	3335.06	53.66	3281.40	0.00
	1/12/2004	3335.06	53.75	3281.31	0.00
	2/3/2004	3335.06	68.50	3266.56	0.00
	2/9/2004	3335.06	65.55	3269.51	0.00
	2/16/2004	3335.06	65.50	3269.56	0.00
	2/20/2004	3335.06	54.18	3280.88	0.00
	3/10/2004	3335.06	*Pump*	-	-
	3/22/2004	3335.06	*Pump*	-	-
	4/6/2004	3335.06	*Pump*	-	-
	4/19/2004	3335.06	*Pump*	-	-
	4/22/2004	3335.06	*Pump*	-	-
	5/12/2004	3335.06	*Pump*	-	-
	7/26/2004	3335.06	*Pump*	-	-
	11/9/2004	3335.06	*Pump*	-	-
	2/14/2005	3335.06	*Pump*	-	-
	5/16/2005	3335.06	*Pump*	-	-
	9/12/2005	3335.06	*Pump*	-	-
	11/28/2005	3335.06	*Pump*	-	-
	2/24/2006	3335.06	*Pump*	-	-
	5/1/2006	3335.06	*Pump*	-	-
	8/8/2006	3335.06	*Pump*	-	-
	10/31/2006	3335.06	*Pump*	-	-
MWD-4	10/16/2001	3330.86	48.20	3282.66	0.00
	4/15/2002	3330.86	49.49	3281.37	0.00
	9/13/2002	3330.86	48.80	3282.06	0.00
	4/24/2003	3330.86	49.12	3281.74	0.00
	10/24/2003	3330.86	49.51	3281.35	0.00
	1/12/2004	3330.86	49.62	3281.24	0.00
	2/3/2004	3330.86	49.67	3281.19	0.00
	2/9/2004	3330.86	49.72	3281.14	0.00
	2/16/2004	3330.86	49.72	3281.14	0.00
	2/20/2004	3330.86	49.72	3281.14	0.00
	3/10/2004	3330.86	49.78	3281.08	0.00
	3/22/2004	3330.86	49.79	3281.07	0.00
	4/6/2004	3330.86	49.83	3281.03	0.00
	4/19/2004	3330.86	49.42	3281.44	0.00
	4/22/2004	3330.86	49.42	3281.44	0.00
	5/12/2004	3330.86	49.48	3281.38	0.00
	7/26/2004	3330.86	49.91	3280.95	0.00
	11/5/2004	3330.86	46.86	3284.00	0.00
	2/14/2005	3330.86	48.29	3282.57	0.00
	5/16/2005	3330.86	49.02	3281.84	0.00
	9/10/2005	3330.86	48.74	3282.12	0.00
	11/28/2005	3330.86	48.52	3282.34	0.00
	2/24/2006	3330.86	49.05	3281.81	0.00
	5/1/2006	3330.86	49.63	3281.23	0.00
	8/7/2006	3330.86	49.76	3281.10	0.00
	10/31/2006	3330.86	49.93	3280.93	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-5	10/16/2001	3334.01	51.08	3282.93	0.00
	4/15/2002	3334.01	52.68	3281.33	0.00
	9/13/2002	3334.01	52.62	3281.39	trace
	4/30/2003	3334.01	52.59	3281.42	trace
	10/28/2003	3334.01	52.78	3281.23	0.02
	2/20/2004	3334.01	52.81	3281.20	0.00
	4/6/2004	3334.01	52.78	3281.23	0.00
	4/19/2004	3334.01	52.65	3281.36	0.00
	4/26/2004	3334.01	52.65	3281.36	0.00
	7/26/2004	3334.01	52.77	3281.24	0.00
	11/9/2004	3334.01	52.01	3282.00	0.00
	2/14/2005	3334.01	51.76	3282.25	0.00
	5/16/2005	3334.01	51.90	3282.11	0.00
	9/10/2005	3334.01	51.73	3282.28	0.00
	11/28/2005	3334.01	51.62	3282.39	0.00
	2/24/2006	3334.01	51.74	3282.27	0.00
	5/1/2006	3334.01	51.86	3282.15	0.00
	8/7/2006	3334.01	51.98	3282.03	0.00
	10/31/2006	3334.01	51.97	3282.04	0.00
MWD-6	10/16/2001	3335.08	52.69	3282.39	0.00
	4/15/2002	3335.08	54.08	3281.00	0.00
	9/13/2002	3335.08	54.03	3281.05	0.00
	4/23/2003	3335.08	54.04	3281.04	0.00
	10/23/2003	3335.08	54.13	3280.95	0.00
	2/20/2004	3335.08	54.16	3280.92	0.00
	4/6/2004	3335.08	54.13	3280.95	0.00
	4/19/2004	3335.08	54.09	3280.99	0.00
	4/21/2004	3335.08	54.09	3280.99	0.00
	7/26/2004	3335.08	54.13	3280.95	0.00
	11/5/2004	3335.08	53.55	3281.53	0.00
	2/14/2005	3335.08	53.42	3281.66	0.00
	5/16/2005	3335.08	53.47	3281.61	0.00
	9/10/2005	3335.08	53.35	3281.73	0.00
	11/28/2005	3335.08	53.22	3281.86	0.00
	2/24/2006	3335.08	53.34	3281.74	0.00
	5/1/2006	3335.08	53.38	3281.70	0.00
	8/7/2006	3335.08	53.42	3281.66	0.00
	10/31/2006	3335.08	53.39	3281.69	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-7	4/15/2002	3332.82	51.71	3281.11	0.00
	9/13/2002	3332.82	51.69	3281.13	0.00
	4/22/2003	3332.82	51.42	3281.40	0.00
	10/22/2003	3332.82	51.52	3281.30	0.00
	1/12/2004	3332.82	51.53	3281.29	0.00
	2/3/2004	3332.82	51.57	3281.25	0.00
	2/9/2004	3332.82	51.61	3281.21	0.00
	2/16/2004	3332.82	51.65	3281.17	0.00
	2/20/2004	3332.82	51.69	3281.13	0.00
	3/10/2004	3332.82	51.73	3281.09	0.00
	3/22/2004	3332.82	51.77	3281.05	0.00
	4/6/2004	3332.82	51.81	3281.01	0.00
	4/19/2004	3332.82	51.85	3280.97	0.00
	4/21/2004	3332.82	51.85	3280.97	0.00
	5/12/2004	3332.82	51.88	3280.94	0.00
	7/26/2004	3332.82	52.01	3280.81	0.00
	11/3/2004	3332.82	51.79	3281.03	0.00
	2/14/2005	3332.82	51.55	3281.27	0.00
	5/16/2005	3332.82	51.63	3281.19	0.00
	9/12/2005	3332.82	51.63	3281.19	0.00
	11/28/2005	3332.82	51.42	3281.40	0.00
	2/24/2006	3332.82	51.39	3281.43	0.00
	5/1/2006	3332.82	51.38	3281.44	0.00
	8/8/2006	3332.82	51.44	3281.38	0.00
	10/31/2006	3332.82	51.48	3281.34	0.00
MWD-8	4/15/2002	3335.97	54.22	3281.75	0.00
	9/13/2002	3335.97	54.19	3281.78	0.00
	4/23/2003	3335.97	53.96	3282.01	0.00
	10/23/2003	3335.97	53.98	3281.99	0.00
	1/12/2004	3335.97	53.96	3282.01	0.00
	2/3/2004	3335.97	53.97	3282.00	0.00
	2/9/2004	3335.97	53.96	3282.01	0.00
	2/16/2004	3335.97	53.97	3282.00	0.00
	2/20/2004	3335.97	54.01	3281.96	0.00
	3/10/2004	3335.97	54.01	3281.96	0.00
	3/22/2004	3335.97	54.04	3281.93	0.00
	4/6/2004	3335.97	54.05	3281.92	0.00
	4/19/2004	3335.97	54.08	3281.89	0.00
	4/21/2004	3335.97	54.08	3281.89	0.00
	5/12/2004	3335.97	54.08	3281.89	0.00
	7/26/2004	3335.97	54.12	3281.85	0.00
	11/3/2004	3335.97	54.04	3281.93	0.00
	2/14/2005	3335.97	53.69	3282.28	0.00
	5/16/2005	3335.97	53.65	3282.32	0.00
	9/11/2005	3335.97	53.61	3282.36	0.00
	11/28/2005	3335.97	53.48	3282.49	0.00
	2/24/2006	3335.97	53.42	3282.55	0.00
	5/2/2006	3335.97	53.58	3282.39	0.00
	8/8/2006	3335.97	53.60	3282.37	0.00
	10/31/2006	3335.97	53.53	3282.44	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-9	4/15/2002	3333.45	52.46	3280.99	0.00
	9/13/2002	3333.45	52.33	3281.12	0.00
	4/25/2003	3333.45	52.08	3281.37	0.00
	10/28/2003	3333.45	52.31	3281.14	0.00
	1/12/2004	3333.45	52.36	3281.09	0.00
	2/3/2004	3333.45	79.95	3253.50	0.00
	2/9/2004	3333.45	76.47	3256.98	0.00
	2/16/2004	3333.45	76.20	3257.25	0.00
	2/20/2004	3333.45	77.00	3256.45	0.00
	3/10/2004	3333.45	*Pump*	-	-
	3/22/2004	3333.45	*Pump*	-	-
	4/6/2004	3333.45	*Pump*	-	-
	4/19/2004	3333.45	*Pump*	-	-
	4/22/2004	3333.45	*Pump*	-	-
	5/12/2004	3333.45	*Pump*	-	-
	7/26/2004	3333.45	*Pump*	-	-
	11/9/2004	3333.45	*Pump*	-	-
	2/14/2005	3333.45	*Pump*	-	-
	5/16/2005	3333.45	*Pump*	-	-
	9/12/2005	3333.45	*Pump*	-	-
	11/28/2005	3333.45	*Pump*	-	-
	2/24/2006	3333.45	*Pump*	-	-
	5/1/2006	3333.45	*Pump*	-	-
	8/8/2006	3333.45	*Pump*	-	-
	10/31/2006	3333.45	*Pump*	-	-
MWD-10	4/15/2002	3334.92	53.52	3281.40	0.00
	9/13/2002	3334.92	53.44	3281.48	0.00
	4/23/2003	3334.92	53.17	3281.75	0.00
	10/24/2003	3334.92	53.34	3281.58	0.00
	1/12/2004	3334.92	53.39	3281.53	0.00
	2/3/2004	3334.92	53.40	3281.52	0.00
	2/9/2004	3334.92	53.42	3281.50	0.00
	2/16/2004	3334.92	53.46	3281.46	0.00
	2/20/2004	3334.92	53.48	3281.44	0.00
	3/10/2004	3334.92	53.47	3281.45	0.00
	3/22/2004	3334.92	53.50	3281.42	0.00
	4/6/2004	3334.92	53.55	3281.37	0.00
	4/19/2004	3334.92	53.55	3281.37	0.00
	4/23/2004	3334.92	53.55	3281.37	0.00
	5/12/2004	3334.92	53.52	3281.40	0.00
	7/26/2004	3334.92	53.60	3281.32	0.00
	11/9/2004	3334.92	53.11	3281.81	0.00
	2/14/2005	3334.92	52.63	3282.29	0.00
	5/16/2005	3334.92	52.82	3282.10	0.00
	9/12/2005	3334.92	52.71	3282.21	0.00
	11/28/2005	3334.92	52.49	3282.43	0.00
	2/24/2006	3334.92	52.56	3282.36	0.00
	5/2/2006	3334.92	52.86	3282.06	0.00
	8/8/2006	3334.92	53.04	3281.88	0.00
	10/31/2006	3334.92	52.91	3282.01	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-11	4/15/2002	3338.24	56.39	3281.85	0.00
	9/13/2002	3338.24	56.33	3281.91	0.00
	4/22/2003	3338.24	56.14	3282.10	0.00
	10/21/2003	3338.24	56.15	3282.09	0.00
	2/20/2004	3338.24	56.15	3282.09	0.00
	4/6/2004	3338.24	56.13	3282.11	0.00
	4/19/2004	3338.24	56.13	3282.11	0.00
	4/20/2004	3338.24	56.13	3282.11	0.00
	7/26/2004	3338.24	56.13	3282.11	0.00
	11/3/2004	3338.24	55.97	3282.27	0.00
	2/14/2005	3338.24	55.60	3282.64	0.00
	5/16/2005	3338.24	55.57	3282.67	0.00
	9/9/2005	3338.24	55.52	3282.72	0.00
	11/28/2005	3338.24	55.39	3282.85	0.00
	2/24/2006	3338.24	55.32	3282.92	0.00
	5/2/2006	3338.24	55.40	3282.84	0.00
	8/8/2006	3338.24	55.52	3282.72	0.00
	10/31/2006	3338.24	55.42	3282.82	0.00
MWD-12	4/15/2002	3334.08	53.13	3280.95	0.00
	9/13/2002	3334.08	52.94	3281.14	0.00
	4/24/2003	3334.08	52.80	3281.28	0.00
	10/23/2003	3334.08	53.00	3281.08	0.00
	1/12/2004	3334.08	53.14	3280.94	0.00
	2/3/2004	3334.08	53.14	3280.94	0.00
	2/9/2004	3334.08	53.15	3280.93	0.00
	2/16/2004	3334.08	53.18	3280.90	0.00
	2/20/2004	3334.08	53.24	3280.84	0.00
	3/10/2004	3334.08	53.19	3280.89	0.00
	3/22/2004	3334.08	53.23	3280.85	0.00
	4/6/2004	3334.08	53.27	3280.81	0.00
	4/19/2004	3334.08	53.22	3280.86	0.00
	4/22/2004	3334.08	53.22	3280.86	0.00
	5/12/2004	3334.08	53.15	3280.93	0.00
	7/26/2004	3334.08	53.30	3280.78	0.00
	11/5/2004	3334.08	52.46	3281.62	0.00
	2/14/2005	3334.08	53.98	3280.10	0.00
	5/16/2005	3334.08	52.36	3281.72	0.00
	9/12/2005	3334.08	52.20	3281.88	0.00
	11/28/2005	3334.08	51.94	3282.14	0.00
	2/24/2006	3334.08	52.22	3281.86	0.00
	5/1/2006	3334.08	52.47	3281.61	0.00
	8/7/2006	3334.08	52.75	3281.33	0.00
	10/31/2006	3334.08	52.71	3281.37	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-13	4/15/2002	3332.11	51.24	3280.87	0.00
	9/13/2002	3332.11	50.95	3281.16	0.00
	4/24/2003	3332.11	50.80	3281.31	0.00
	10/24/2003	3332.11	51.10	3281.01	0.00
	1/12/2004	3332.11	51.18	3280.93	0.00
	2/3/2004	3332.11	51.33	3280.78	0.00
	2/9/2004	3332.11	51.41	3280.70	0.00
	2/16/2004	3332.11	51.48	3280.63	0.00
	2/20/2004	3332.11	51.47	3280.64	0.00
	3/10/2004	3332.11	51.67	3280.44	0.00
	3/22/2004	3332.11	51.75	3280.36	0.00
	4/6/2004	3332.11	51.85	3280.26	0.00
	4/19/2004	3332.11	51.90	3280.21	0.00
	4/22/2004	3332.11	51.90	3280.21	0.00
	5/12/2004	3332.11	51.92	3280.19	0.00
	7/26/2004	3332.11	52.15	3279.96	0.00
	11/5/2004	3332.11	51.01	3281.10	0.00
	2/14/2005	3332.11	51.17	3280.94	0.00
	5/16/2005	3332.11	51.59	3280.52	0.00
	9/11/2005	3332.11	51.48	3280.63	0.00
	11/28/2005	3332.11	51.08	3281.03	0.00
	2/24/2006	3332.11	51.38	3280.73	0.00
	5/1/2006	3332.11	51.55	3280.56	0.00
	8/7/2006	3332.11	51.53	3280.58	0.00
	10/31/2006	3332.11	51.79	3280.32	0.00
MWD-14	4/15/2002	3333.76	52.59	3281.17	0.00
	9/13/2002	3333.76	52.44	3281.32	0.00
	4/25/2003	3333.76	52.18	3281.58	0.00
	10/24/2003	3333.76	52.43	3281.33	0.00
	1/12/2004	3333.76	52.49	3281.27	0.00
	2/3/2004	3333.76	52.59	3281.17	0.00
	2/9/2004	3333.76	52.62	3281.14	0.00
	2/16/2004	3333.76	52.67	3281.09	0.00
	2/20/2004	3333.76	52.70	3281.06	0.00
	3/10/2004	3333.76	52.77	3280.99	0.00
	3/22/2004	3333.76	52.82	3280.94	0.00
	4/6/2004	3333.76	52.88	3280.88	0.00
	4/19/2004	3333.76	52.92	3280.84	0.00
	4/22/2004	3333.76	52.92	3280.84	0.00
	5/12/2004	3333.76	52.90	3280.86	0.00
	7/26/2004	3333.76	53.07	3280.69	0.00
	11/9/2004	3333.76	52.32	3281.44	0.00
	2/14/2005	3333.76	52.02	3281.74	0.00
	5/16/2005	3333.76	52.36	3281.40	0.00
	9/12/2005	3333.76	52.10	3281.66	0.00
	11/28/2005	3333.76	51.82	3281.94	0.00
	2/24/2006	3333.76	52.06	3281.70	0.00
	5/1/2006	3333.76	52.39	3281.37	0.00
	8/8/2006	3333.76	52.46	3281.30	0.00
	10/31/2006	3333.76	52.36	3281.40	0.00
MWD-15	1/11/2005	3335.35	53.29	3282.06	0.00
	2/14/2005	3335.35	52.87	3282.48	0.00
	5/16/2005	3335.35	53.03	3282.32	0.00
	9/12/2005	3335.35	52.96	3282.39	0.00
	11/28/2005	3335.35	52.72	3282.63	0.00
	2/24/2006	3335.35	52.74	3282.61	0.00
	5/1/2006	3335.35	53.23	3282.12	0.00
	8/8/2006	3335.35	53.18	3282.17	0.00
	10/31/2006	3335.35	53.14	3282.21	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
MWD-16	11/8/2004	3334.10	52.02	3282.08	0.00
	2/14/2005	3334.10	51.58	3282.52	0.00
	5/16/2005	3334.10	51.87	3282.23	0.00
	9/12/2005	3334.10	51.71	3282.39	0.00
	11/28/2005	3334.10	51.45	3282.65	0.00
	2/24/2006	3334.10	51.60	3282.50	0.00
	5/2/2006	3334.10	51.93	3282.17	0.00
	8/8/2006	3334.10	52.11	3281.99	0.00
	10/31/2006	3334.10	52.02	3282.08	0.00
MWD-17	11/8/2004	3334.74	53.85	3280.89	0.00
	2/14/2005	3334.74	53.79	3280.95	0.00
	5/16/2005	3334.74	54.11	3280.63	0.00
	9/12/2005	3334.74	53.88	3280.86	0.00
	11/28/2005	3334.74	53.48	3281.26	0.00
	2/24/2006	3334.74	53.68	3281.06	0.00
	5/1/2006	3334.74	53.90	3280.84	0.00
	8/8/2006	3334.74	53.57	3281.17	0.00
	10/31/2006	3334.74	53.63	3281.11	0.00
RW-1	12/7/1998	3335.19	53.66	3281.53	0.00
	8/23/2000	3335.19	53.20	3281.99	0.00
	3/22/2001	3335.19	53.17	3282.02	0.01
	10/16/2001	3335.19	53.04	3282.15	0.04
	4/15/2002	3335.19	53.22	3281.97	0.06
	9/13/2002	3335.19	53.20	3281.99	0.05
	4/21/2003	3335.19	53.08	3282.11	0.07
	10/20/2003	3335.19	53.18	3282.01	0.10
	2/20/2004	3335.19	53.19	3282.00	0.10
	4/6/2004	3335.19	53.14	3282.05	0.08
	4/19/2004	3335.19	53.12	3282.07	0.09
	7/26/2004	3335.19	53.19	3282.00	0.07
	11/2/2004	3335.19	52.63	3282.56	0.12
	2/14/2005	3335.19	52.43	3282.76	0.08
	5/16/2005	3335.19	53.36	3281.83	1.17
	9/10/2005	3335.19	-	-	1.00
	11/28/2005	3337.40	55.29	3283.18	1.07
	2/24/2006	3337.40	*Pump*	-	-
	5/1/2006	3337.40	*Pump*	-	-
	8/8/2006	3337.40	*Pump*	-	-
	11/1/2006	3337.40	*Pump*	-	-
RW-2	10/16/2001	3337.84	55.95	3281.89	0.00
	4/15/2002	3337.84	56.11	3281.73	0.00
	9/13/2002	3337.84	57.57	3280.27	1.83
	4/21/2003	3337.84	57.60	3280.24	2.04
	10/20/2003	3337.84	57.71	3280.13	2.09
	2/20/2004	3337.84	56.03	3281.81	0.01
	4/6/2004	3337.84	57.31	3280.53	0.36
	4/19/2004	3337.84	57.32	3280.52	0.52
	11/2/2004	3337.84	*Pump*	-	-
	2/14/2005	3337.84	*Pump*	-	-
	5/16/2005	3337.84	*Pump*	-	-
	9/9/2005	3337.84	*Pump*	-	-
	11/28/2005	3337.84	*Pump*	-	-
	2/24/2006	3337.84	*Pump*	-	-
	5/1/2006	3337.84	*Pump*	-	-
	8/8/2006	3337.84	*Pump*	-	-
	11/1/2006	3337.84	*Pump*	-	-

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
RW-3	10/16/2001	3338.06	56.84	3281.22	0.97
	4/15/2002	3338.06	57.92	3280.14	2.04
	9/13/2002	3338.06	58.70	3279.36	3.08
	4/21/2003	3338.06	58.55	3279.51	3.07
	10/20/2003	3338.06	58.66	3279.40	3.09
	2/20/2004	3338.06	56.22	3281.84	0.00
	4/6/2004	3338.06	57.36	3280.70	0.11
	4/19/2004	3338.06	57.14	3280.92	0.08
	11/2/2004	3338.06	*Pump*	-	-
	2/14/2005	3338.06	*Pump*	-	-
	5/16/2005	3338.06	*Pump*	-	-
	9/9/2005	3338.06	*Pump*	-	-
	11/28/2005	3338.06	*Pump*	-	-
	2/24/2006	3338.06	*Pump*	-	-
	5/1/2006	3338.06	*Pump*	-	-
	8/8/2006	3338.06	*Pump*	-	-
	11/1/2006	3338.06	*Pump*	-	-
RW-4	10/16/2001	3336.10	54.56	3281.54	0.00
	4/15/2002	3336.10	54.83	3281.27	0.00
	9/13/2002	3336.10	54.73	3281.37	trace
	4/21/2003	3336.10	54.55	3281.55	0.00
	10/20/2003	3336.10	54.76	3281.34	0.00
	2/20/2004	3336.10	54.85	3281.25	0.05
	4/6/2004	3336.10	55.86	3280.24	5.85
	4/19/2004	3336.10	57.08	3279.02	2.18
	11/2/2004	3336.10	*Pump*	-	-
	2/14/2005	3336.10	*Pump*	-	-
	5/16/2005	3336.10	*Pump*	-	-
	9/9/2005	3336.10	*Pump*	-	-
	11/28/2005	3336.10	*Pump*	-	-
	2/24/2006	3336.10	*Pump*	-	-
	5/1/2006	3336.10	*Pump*	-	-
	8/8/2006	3336.10	*Pump*	-	-
	11/1/2006	3336.10	*Pump*	-	-
RW-5	10/16/2001	3337.98	58.80	3279.18	3.53
	4/15/2002	3337.98	59.55	3278.43	4.14
	9/13/2002	3337.98	59.61	3278.37	4.28
	4/21/2003	3337.98	59.21	3278.77	3.95
	10/20/2003	3337.98	59.40	3278.58	4.05
	Installed Xitech pump				
	4/6/2004	3337.98	*Pump*	-	-
	4/19/2004	3337.98	*Pump*	-	-
	11/2/2004	3337.98	*Pump*	-	-
	2/14/2005	3337.98	*Pump*	-	-
	5/16/2005	3337.98	*Pump*	-	-
	9/9/2005	3337.98	*Pump*	-	-
	11/28/2005	3337.98	*Pump*	-	-
	2/24/2006	3337.98	*Pump*	-	-
	5/1/2006	3337.98	*Pump*	-	-
	8/8/2006	3337.98	*Pump*	-	-
	11/1/2006	3337.98	*Pump*	-	-
RW-6	5/1/2006	3332.37	*Pump*	-	-
	8/8/2006	3332.37	*Pump*	-	-
	10/31/2006	3332.37	*Pump*	-	-
RW-7	5/1/2006	3334.12	*Pump*	-	-
	8/8/2006	3334.12	*Pump*	-	-
	10/31/2006	3334.12	*Pump*	-	-
RW-8	5/1/2006	3336.45	*Pump*	-	-
	8/8/2006	3336.45	*Pump*	-	-
	10/31/2006	3336.45	*Pump*	-	-

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
TMW-1	12/7/1995	3337.70	56.32	3281.38	0.00
	6/6/1996	3337.70	55.70	3282.00	0.00
	6/2/1997	3337.70	55.72	3281.98	0.00
	8/23/2000	3337.70	55.62	3282.08	0.00
	3/22/2001	3337.70	55.49	3282.21	0.00
	10/16/2001	3337.70	54.01	3283.69	0.00
	4/15/2002	3337.70	55.53	3282.17	0.00
	9/13/2002	3337.70	55.46	3282.24	0.00
	4/22/2003	3337.70	55.28	3282.42	0.00
	10/22/2003	3337.70	55.33	3282.37	0.00
	2/20/2004	3337.70	55.30	3282.40	0.00
	4/6/2004	3337.70	55.30	3282.40	0.00
	4/19/2004	3337.70	55.25	3282.45	0.00
	4/20/2004	3337.70	55.25	3282.45	0.00
	7/26/2004	3337.70	55.28	3282.42	0.00
	11/9/2004	3337.70	54.91	3282.79	0.00
	2/14/2005	3337.70	54.61	3283.09	0.00
	5/16/2005	3337.70	54.65	3283.05	0.00
	9/9/2005	3337.70	54.52	3283.18	0.00
	11/28/2005	3337.70	54.39	3283.31	0.00
	2/24/2006	3337.70	54.41	3283.29	0.02
	5/2/2006	3337.70	54.49	3283.21	0.00
	8/8/2006	3337.70	54.64	3283.06	0.00
	10/31/2006	3337.70	54.52	3283.18	0.00
TMW-2	12/7/1995	3338.30	56.71	3281.59	0.00
	6/6/1996	3338.30	56.34	3281.96	0.00
	6/2/1997	3338.30	56.35	3281.95	0.00
	8/23/2000	3338.30	56.26	3282.04	0.01
	3/22/2001	3338.30	56.13	3282.17	0.00
	10/16/2001	3338.30	56.02	3282.28	0.00
	4/15/2002	3338.30	56.27	3282.03	trace
	9/13/2002	3338.30	56.13	3282.17	0.01
	4/21/2003	3338.30	55.96	3282.34	trace
	10/20/2003	3338.30	56.03	3282.27	0.02
	2/20/2004	3338.30	56.00	3282.30	0.01
	4/6/2004	3338.30	55.99	3282.31	0.01
	4/19/2004	3338.30	55.87	3282.43	0.01
	7/26/2004	3338.30	55.98	3282.32	0.01
	11/2/2004	3338.30	55.49	3282.81	0.01
	2/14/2005	3338.30	55.23	3283.07	0.01
	5/16/2005	3338.30	55.27	3283.03	trace
	9/10/2005	3338.30	-	-	trace
	11/28/2005	3338.30	55.00	3283.30	0.00
	2/24/2006	3338.30	55.10	3283.20	0.08
	5/2/2006	3338.30	55.21	3283.09	0.09
	8/8/2006	3338.30	55.29	3283.01	0.01
	10/31/2006	3338.30	55.28	3283.02	0.14

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
TMW-3	12/7/1995	3336.67	55.95	3280.72	0.00
	6/6/1996	3336.67	54.71	3281.96	0.00
	6/2/1997	3336.67	54.74	3281.93	0.00
	8/23/2000	3336.67	54.65	3282.02	0.00
	3/22/2001	3336.67	54.46	3282.21	0.00
	10/16/2001	3336.67	53.30	3283.37	0.00
	4/15/2002	3336.67	54.61	3282.06	0.00
	9/13/2002	3336.67	54.55	3282.12	0.00
	4/28/2003	3336.67	54.35	3282.32	0.00
	10/27/2003	3336.67	54.45	3282.22	0.00
	2/20/2004	3336.67	54.46	3282.21	0.00
	4/6/2004	3336.67	54.47	3282.20	0.00
	4/19/2004	3336.67	54.42	3282.25	0.00
	4/23/2004	3336.67	54.42	3282.25	0.00
	7/26/2004	3336.67	54.44	3282.23	0.00
	11/9/2004	3336.67	53.96	3282.71	0.00
	2/14/2005	3336.67	53.63	3283.04	0.00
	5/16/2005	3336.67	53.74	3282.93	0.00
	9/10/2005	3336.67	53.60	3283.07	0.00
	11/28/2005	3336.67	53.48	3283.19	0.00
	2/24/2006	3336.67	53.45	3283.22	0.00
	5/2/2006	3336.67	53.62	3283.05	0.00
	8/8/2006	3336.67	53.78	3282.89	0.00
	11/1/2006	3336.67	53.73	3282.94	0.00
TMW-5	12/7/1995	3335.66	51.71	3283.95	0.00
	6/6/1996	3335.66	53.70	3281.96	0.00
	6/2/1997	3335.66	53.77	3281.89	0.00
	8/23/2000	3335.66	53.78	3281.88	0.00
	3/22/2001	3335.66	53.59	3282.07	trace
	10/16/2001	3335.66	53.67	3281.99	trace
	4/15/2002	3335.66	53.83	3281.83	trace
	9/13/2002	3335.66	53.78	3281.88	0.01
	4/21/2003	3335.66	53.51	3282.15	0.01
	10/20/2003	3335.66	53.67	3281.99	0.01
	1/12/2004	3335.66	53.73	3281.93	0.01
	2/3/2004	3335.66	53.74	3281.92	0.01
	2/9/2004	3335.66	53.75	3281.91	0.03
	2/16/2004	3335.66	53.77	3281.89	0.03
	2/20/2004	3335.66	53.79	3281.87	trace
	3/10/2004	3335.66	53.80	3281.86	0.03
	3/22/2004	3335.66	53.84	3281.82	0.01
	4/6/2004	3335.66	53.87	3281.79	0.00
	4/19/2004	3335.66	53.86	3281.80	0.01
	5/12/2004	3335.66	53.83	3281.83	0.01
	7/26/2004	3335.66	53.94	3281.72	0.02
	11/2/2004	3335.66	53.45	3282.21	0.02
	2/14/2005	3335.66	52.96	3282.70	0.00
	5/16/2005	3335.66	53.11	3282.55	trace
	9/10/2005	3335.66	-	-	trace
	11/28/2005	3335.66	52.81	3282.85	0.00
	2/24/2006	3335.66	52.84	3282.82	0.00
	5/2/2006	3335.66	53.17	3282.49	0.01
	8/8/2006	3335.66	53.33	3282.33	sheen
	10/31/2006	3335.66	53.22	3282.44	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
TMW-6	12/7/1995	3335.36	55.62	3279.74	0.00
	6/6/1996	3335.36	53.41	3281.95	0.00
	6/2/1997	3335.36	53.40	3281.96	0.00
	8/23/2000	3335.36	53.33	3282.03	0.00
	3/22/2001	3335.36	53.15	3282.21	0.00
	10/16/2001	3335.36	52.14	3283.22	0.00
	4/15/2002	3335.36	53.27	3282.09	trace
	9/13/2002	3335.36	53.21	3282.15	0.00
	4/28/2003	3335.36	53.02	3282.34	0.00
	10/27/2003	3335.36	53.08	3282.28	0.00
	2/20/2004	3335.36	53.11	3282.25	0.00
	4/6/2004	3335.36	53.09	3282.27	0.00
	4/19/2004	3335.36	53.00	3282.36	0.00
	4/23/2004	3335.36	53.00	3282.36	0.00
	7/26/2004	3335.36	53.07	3282.29	0.00
	11/9/2004	3335.36	52.51	3282.85	0.00
	2/14/2005	3335.36	52.28	3283.08	0.00
	5/16/2005	3335.36	52.40	3282.96	0.00
	9/10/2005	3335.36	52.20	3283.16	0.00
	11/28/2005	3335.36	52.08	3283.28	0.00
	2/24/2006	3335.36	52.09	3283.27	0.00
	5/2/2006	3335.36	52.23	3283.13	0.00
	8/8/2006	3335.36	52.37	3282.99	0.00
	11/1/2006	3335.36	52.32	3283.04	0.00
WW-1	9/10/1996	3332.04	51.70	3280.34	0.00
	5/28/1997	3332.04	50.97	3281.07	0.00
	12/7/1998	3332.04	51.21	3280.83	0.00
	8/23/2000	3332.04	49.24	3282.80	0.00
	3/22/2001	3332.04	49.95	3282.09	0.00
	10/16/2001	3332.04	48.72	3283.32	0.00
	4/15/2002	3332.04	50.00	3282.04	0.00
	9/13/2002	3332.04	49.99	3282.05	0.00
	4/21/2003	3332.04	49.85	3282.19	0.00
	10/20/2003	3332.04	49.98	3282.06	0.00
	2/20/2004	3332.04	49.97	3282.07	0.00
	4/6/2004	3332.04	49.66	3282.38	0.00
	4/19/2004	3332.04	49.87	3282.17	0.00
	7/26/2004	3332.04	49.94	3282.10	0.00
	11/2/2004	3332.04	49.30	3282.74	0.00
	2/14/2005	-	Casing Collapse	-	-
	5/16/2005	-	Casing Collapse	-	-
	9/9/2005	-	Casing Collapse	-	-
	11/28/2005	-	Casing Collapse	-	-
	2/24/2006	-	Casing Collapse	-	-
	5/1/2006	-	Casing Collapse	-	-
	8/7/2006	-	Casing Collapse	-	-
	10/31/2006	-	Casing Collapse	-	-

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
WW-2	9/10/1996	3331.46	49.30	3282.16	0.00
	5/28/1997	3331.46	49.94	3281.52	0.00
	12/7/1998	3331.46	50.31	3281.15	0.00
	8/23/2000	3331.46	48.16	3283.30	0.00
	3/22/2001	3331.46	49.66	3281.80	0.00
	10/16/2001	3331.46	48.54	3282.92	0.00
	4/15/2002	3331.46	50.24	3281.22	0.00
	9/13/2002	3331.46	50.21	3281.25	0.00
	4/21/2003	3331.46	50.25	3281.21	0.00
	10/20/2003	3331.46	50.43	3281.03	0.00
	2/20/2004	3331.46	50.46	3281.00	0.00
	4/6/2004	3331.46	50.44	3281.02	0.00
	4/19/2004	3331.46	50.28	3281.18	0.00
	7/26/2004	3331.46	50.48	3280.98	0.00
	11/2/2004	3331.46	49.81	3281.65	0.00
	2/14/2005	3331.46	49.63	3281.83	0.00
	5/16/2005	3331.46	49.75	3281.71	0.00
	9/9/2005	3331.46	49.58	3281.88	0.00
	11/28/2005	3331.46	49.45	3282.01	0.00
	2/24/2006	3331.46	49.61	3281.85	0.00
	5/1/2006	3331.46	49.68	3281.78	0.00
	8/7/2006	3331.46	49.81	3281.65	0.00
	10/31/2006	3331.46	49.80	3281.66	0.00
WW-3	9/10/1996	3334.45	53.35	3281.10	0.00
	5/28/1997	3334.45	53.30	3281.15	0.00
	12/7/1998	3334.45	53.44	3281.01	0.00
	8/23/2000	3334.45	52.97	3281.48	0.00
	3/22/2001	3334.45	53.28	3281.17	0.00
	10/16/2001	3334.45	52.14	3282.31	0.00
	4/15/2002	3334.45	53.33	3281.12	0.00
	9/13/2002	3334.45	53.43	3281.02	0.00
	4/21/2003	3334.45	53.38	3281.07	0.00
	10/20/2003	3334.45	53.41	3281.04	0.00
	2/20/2004	3334.45	53.43	3281.02	0.00
	4/6/2004	3334.45	53.41	3281.04	0.00
	4/19/2004	3334.45	53.41	3281.04	0.00
	7/26/2004	3334.45	53.41	3281.04	0.00
	11/2/2004	3334.45	53.14	3281.31	0.00
	2/14/2005	3334.45	52.89	3281.56	0.00
	5/16/2005	3334.45	52.89	3281.56	0.00
	9/9/2005	3334.45	52.80	3281.65	0.00
	11/28/2005	3334.45	Dry	Dry	0.00
	2/24/2006	3334.45	Dry	Dry	0.00
	5/1/2006	3334.45	52.67	3281.78	0.00
	8/7/2006	3334.45	52.71	3281.74	0.00
	10/31/2006	3334.45	52.72	3281.73	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
WW-4	5/28/1997	3335.40	56.51	3278.89	0.00
	12/7/1998	3335.40	56.45	3278.95	0.00
	8/23/2000	3335.40	56.46	3278.94	0.00
	3/22/2001	3335.40	56.31	3279.09	0.00
	10/16/2001	3335.40	55.29	3280.11	0.00
	4/15/2002	3335.40	56.40	3279.00	0.00
	9/13/2002	3335.40	56.44	3278.96	0.00
	4/21/2003	3335.40	56.42	3278.98	0.00
	10/20/2003	3335.40	53.43	3281.97	0.00
	2/20/2004	3335.40	56.44	3278.96	0.00
	4/6/2004	3335.40	56.40	3279.00	0.00
	4/19/2004	3335.40	56.40	3279.00	0.00
	7/26/2004	3335.40	56.48	3278.92	0.00
	11/2/2004	3335.40	56.51	3278.89	0.00
	2/14/2005	3335.40	56.31	3279.09	0.00
	5/16/2005	3335.40	56.24	3279.16	0.00
	9/9/2005	3335.40	56.19	3279.21	0.00
	11/28/2005	3335.40	58.35	3277.05	0.00
	2/24/2006	3335.40	56.10	3279.30	0.00
	5/1/2006	3335.40	55.99	3279.41	0.00
	8/7/2006	3335.40	56.04	3279.36	0.00
	10/31/2006	3335.40	56.05	3279.35	0.00
WW-5	5/28/1997	3334.18	53.81	3280.37	0.00
	12/7/1998	3334.18	53.90	3280.28	0.00
	8/23/2000	3334.18	53.54	3280.64	0.00
	3/22/2001	3334.18	53.72	3280.46	0.00
	10/16/2001	3334.18	52.58	3281.60	0.00
	4/15/2002	3334.18	53.83	3280.35	0.00
	9/13/2002	3334.18	53.85	3280.33	0.00
	4/21/2003	3334.18	53.81	3280.37	0.00
	10/20/2003	3334.18	53.88	3280.30	0.00
	2/20/2004	3334.18	53.90	3280.28	0.00
	4/6/2004	3334.18	53.86	3280.32	0.00
	4/19/2004	3334.18	53.86	3280.32	0.00
	7/26/2004	3334.18	53.91	3280.27	0.00
	11/2/2004	3334.18	53.81	3280.37	0.00
	2/14/2005	3334.18	53.51	3280.67	0.00
	5/16/2005	3334.18	53.46	3280.72	0.00
	9/9/2005	3334.18	53.40	3280.78	0.00
	11/28/2005	3334.18	56.12	3278.06	0.00
	2/24/2006	3334.18	53.32	3280.86	0.00
	5/1/2006	3334.18	53.28	3280.90	0.00
	8/7/2006	3334.18	53.13	3281.05	0.00
	10/31/2006	3334.18	53.33	3280.85	0.00

Table 1: Cumulative Groundwater Measurement Data
Eunice South Gas Plant

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to Water (feet)	Water Elevation (feet AMSL)	PSH Thickness
WW-6	5/28/1997	3329.98	50.46	3279.52	0.00
	12/7/1998	3329.98	50.64	3279.34	0.00
	8/23/2000	3329.98	50.61	3279.37	0.00
	3/22/2001	3329.98	50.51	3279.47	0.00
	10/16/2001	3329.98	49.51	3280.47	0.00
	4/15/2002	3329.98	50.67	3279.31	0.00
	9/13/2002	3329.98	50.66	3279.32	0.00
	4/21/2003	3329.98	50.61	3279.37	0.00
	10/20/2003	3329.98	50.71	3279.27	0.00
	2/20/2004	3329.98	50.74	3279.24	0.00
	4/6/2004	3329.98	50.69	3279.29	0.00
	4/19/2004	3329.98	50.71	3279.27	0.00
	7/26/2004	3329.98	50.82	3279.16	0.00
	11/2/2004	3329.98	50.74	3279.24	0.00
	2/14/2005	3329.98	50.39	3279.59	0.00
	5/16/2005	3329.98	50.37	3279.61	0.00
	9/9/2005	3329.98	50.31	3279.67	0.00
	11/28/2005	3329.98	50.24	3279.74	0.00
	2/24/2006	3329.98	50.21	3279.77	0.00
	5/1/2006	3329.98	50.18	3279.80	0.00
	8/7/2006	3329.98	50.21	3279.77	0.00
	10/31/2006	3329.98	50.30	3279.68	0.00
WW-7	5/28/1997	3332.50	51.14	3281.36	0.00
	12/7/1998	3332.50	51.45	3281.05	0.00
	8/23/2000	3332.50	46.61	3285.89	0.00
	3/22/2001	3332.50	50.98	3281.52	0.00
	10/16/2001	3332.50	49.85	3282.65	0.00
	4/15/2002	3332.50	51.37	3281.13	0.00
	9/13/2002	3332.50	51.39	3281.11	0.00
	4/21/2003	3332.50	51.37	3281.13	0.00
	10/20/2003	3332.50	51.52	3280.98	0.00
	2/20/2004	3332.50	51.56	3280.94	0.00
	4/6/2004	3332.50	51.55	3280.95	0.00
	4/19/2004	3332.50	51.43	3281.07	0.00
	7/26/2004	3332.50	51.56	3280.94	0.00
	11/2/2004	3332.50	51.00	3281.50	0.00
	2/14/2005	3332.50	50.79	3281.71	0.00
	5/16/2005	3332.50	50.87	3281.63	0.00
	9/9/2005	3332.50	50.74	3281.76	0.00
	11/28/2005	3332.50	50.61	3281.89	0.00
	2/24/2006	3332.50	50.74	3281.76	0.00
	5/1/2006	3332.50	49.15	3283.35	0.00
	8/7/2006	3332.50	50.88	3281.62	0.00
	10/31/2006	3332.50	50.89	3281.61	0.00

TOC = Top of casing
feet AMSL = feet above mean sea level
PSH = Phase Separated Hydrocarbons
NA = Not available

Notes:
1. Wells with treatment equipment present were not gauged.
2. 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.
3. Could not access MW-15 and MW-16 during the 1Q06 or 2Q06 events.

Table 2a: Summary of First Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW4	MW4-W-022806	2/28/2006	Benzene		0.024	mg/l	0.001		0.01	**Yes**
MW32	MW32-W-022806	2/28/2006	Benzene		0.094	mg/l	0.001		0.01	**Yes**
MW34	MW34-W-022806	2/28/2006	Benzene		3.6	mg/l	0.02		0.01	**Yes**
MWD3	MWD3-W-022806	2/28/2006	Benzene		1	mg/l	0.01		0.01	**Yes**
MWD9	MWD9-W-022806	2/28/2006	Benzene		0.0097	mg/l	0.001		0.01	No
MWD10	MWD10-W-030206	3/2/2006	Benzene		0.57	mg/l	0.01		0.01	**Yes**
MWD12	MWD12-W-030206	3/2/2006	Benzene		0.23	mg/l	0.001		0.01	**Yes**
MWD14	MWD14-W-030206	3/2/2006	Benzene		1.5	mg/l	0.01		0.01	**Yes**
MWD15	MWD15-W-030206	3/2/2006	Benzene		0.38	mg/l	0.001		0.01	**Yes**
MWD16	MWD16-W-030206	3/2/2006	Benzene		1	mg/l	0.01		0.01	**Yes**
MWD17	MWD17-W-022806	2/28/2006	Benzene		0.8	mg/l	0.01		0.01	**Yes**
MW4	MW4-W-022806	2/28/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW32	MW32-W-022806	2/28/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW34	MW34-W-022806	2/28/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MWD3	MWD3-W-022806	2/28/2006	Toluene		0.012	mg/l	0.01		0.75	No
MWD9	MWD9-W-022806	2/28/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD10	MWD10-W-030206	3/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD12	MWD12-W-030206	3/2/2006	Toluene		0.0012	mg/l	0.001		0.75	No
MWD14	MWD14-W-030206	3/2/2006	Toluene	<	0.01	mg/l	0.01	U	0.75	No
MWD15	MWD15-W-030206	3/2/2006	Toluene		0.0054	mg/l	0.001		0.75	No
MWD16	MWD16-W-030206	3/2/2006	Toluene	<	0.01	mg/l	0.01	U	0.75	No
MWD17	MWD17-W-022806	2/28/2006	Toluene		0.016	mg/l	0.01		0.75	No

Table 2a: Summary of First Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW4	MW4-W-022806	2/28/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW32	MW32-W-022806	2/28/2006	Ethylbenzene		0.0082	mg/l	0.001		0.75	No
MW34	MW34-W-022806	2/28/2006	Ethylbenzene		0.31	mg/l	0.005		0.75	No
MWD3	MWD3-W-022806	2/28/2006	Ethylbenzene		0.13	mg/l	0.01		0.75	No
MWD9	MWD9-W-022806	2/28/2006	Ethylbenzene		0.0028	mg/l	0.001		0.75	No
MWD10	MWD10-W-030206	3/2/2006	Ethylbenzene		0.22	mg/l	0.001		0.75	No
MWD12	MWD12-W-030206	3/2/2006	Ethylbenzene		0.018	mg/l	0.001		0.75	No
MWD14	MWD14-W-030206	3/2/2006	Ethylbenzene		0.068	mg/l	0.01		0.75	No
MWD15	MWD15-W-030206	3/2/2006	Ethylbenzene		0.7	mg/l	0.01		0.75	No
MWD16	MWD16-W-030206	3/2/2006	Ethylbenzene		0.21	mg/l	0.01		0.75	No
MWD17	MWD17-W-022806	2/28/2006	Ethylbenzene		0.066	mg/l	0.01		0.75	No
MW4	MW4-W-022806	2/28/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW32	MW32-W-022806	2/28/2006	Total Xylenes		0.0081	mg/l	0.003		0.62	No
MW34	MW34-W-022806	2/28/2006	Total Xylenes		0.41	mg/l	0.015		0.62	No
MWD3	MWD3-W-022806	2/28/2006	Total Xylenes		0.04	mg/l	0.03		0.62	No
MWD9	MWD9-W-022806	2/28/2006	Total Xylenes		0.0038	mg/l	0.003		0.62	No
MWD10	MWD10-W-030206	3/2/2006	Total Xylenes		0.056	mg/l	0.003		0.62	No
MWD12	MWD12-W-030206	3/2/2006	Total Xylenes		0.0049	mg/l	0.003		0.62	No
MWD14	MWD14-W-030206	3/2/2006	Total Xylenes	<	0.03	mg/l	0.03	U	0.62	No
MWD15	MWD15-W-030206	3/2/2006	Total Xylenes		0.099	mg/l	0.003		0.62	No
MWD16	MWD16-W-030206	3/2/2006	Total Xylenes		0.093	mg/l	0.03		0.62	No
MWD17	MWD17-W-022806	2/28/2006	Total Xylenes		0.049	mg/l	0.03		0.62	No

Table 2a: Summary of First Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW4	MW4-W-022806	2/28/2006	Chloride (titrimetric)		9450	mg/l	2000		250	Yes
MW17	MW17-W-022806	2/28/2006	Chloride (titrimetric)		5420	mg/l	2000		250	Yes
MW32	MW32-W-022806	2/28/2006	Chloride (titrimetric)		1340	mg/l	200		250	Yes
MW34	MW34-W-022806	2/28/2006	Chloride (titrimetric)		575	mg/l	100		250	Yes
MWD1	MWD1-W-022806	2/28/2006	Chloride (titrimetric)		12600	mg/l	2000		250	Yes
MWD2	MWD2-W-022806	2/28/2006	Chloride (titrimetric)		22300	mg/l	2000		250	Yes
MWD3	MWD3-W-022806	2/28/2006	Chloride (titrimetric)		75500	mg/l	10000		250	Yes
MWD4	MWD4-W-022806	2/28/2006	Chloride (titrimetric)		251	mg/l	20		250	Yes
MWD7	MWD7-W-022806	2/28/2006	Chloride (titrimetric)		7270	mg/l	2000		250	Yes
MWD8	MWD8-W-022806	2/28/2006	Chloride (titrimetric)		10900	mg/l	1000		250	Yes
MWD9	MWD9-W-022806	2/28/2006	Chloride (titrimetric)		34700	mg/l	10000		250	Yes
MWD10	MWD10-W-030206	3/2/2006	Chloride (titrimetric)		7980	mg/l	2000		250	Yes
MWD12	MWD12-W-030206	3/2/2006	Chloride (titrimetric)		6080	mg/l	2000		250	Yes
MWD13	MWD13-W-022806	2/28/2006	Chloride (titrimetric)		10400	mg/l	800		250	Yes
MWD14	MWD14-W-030206	3/2/2006	Chloride (titrimetric)		13000	mg/l	2000		250	Yes
MWD15	MWD15-W-030206	3/2/2006	Chloride (titrimetric)		23200	mg/l	4000		250	Yes
MWD16	MWD16-W-030206	3/2/2006	Chloride (titrimetric)		9450	mg/l	2000		250	Yes
MWD17	MWD17-W-022806	2/28/2006	Chloride (titrimetric)		37500	mg/l	10000		250	Yes

Notes:

DL = Detection Limit

WQCC = Water Quality Control Commission

*No Human Health Standard exists for chloride; therefore, chloride concentrations are compared to the Domestic Water Supply Standard.

mg/l = milligrams per liter

U = Not detected

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-051706	5/17/2006	Benzene		0.079	mg/l	0.001		0.01	Yes
MW4	MW4-W-051706	5/17/2006	Benzene		0.35	mg/l	0.001		0.01	Yes
MW6	MW6-W-050306	5/3/2006	Benzene		0.0075	mg/l	0.001		0.01	No
MW7	MW7-W-050306	5/3/2006	Benzene		0.007	mg/l	0.001		0.01	No
MW8	MW8-W-050306	5/3/2006	Benzene	<	0.001	mg/l	0.001	U	0.01	No
MW9	MW9-W-051206	5/12/2006	Benzene		7.6	mg/l	0.02		0.01	Yes
MW11	MW11-W-051706	5/17/2006	Benzene		15	mg/l	0.05		0.01	Yes
MW13	MW13-W-050406	5/4/2006	Benzene		0.11	mg/l	0.001		0.01	Yes
MW14	MW14-W-050406	5/4/2006	Benzene	<	0.001	mg/l	0.001	U	0.01	No
MW17	MW17-W-051006	5/10/2006	Benzene	<	0.001	mg/l	0.001	U	0.01	No
MW18	MW18-W-051706	5/17/2006	Benzene		0.089	mg/l	0.001		0.01	Yes
MW22	MW22-W-051106	5/11/2006	Benzene		0.65	mg/l	0.001		0.01	Yes
MW23	MW23-W-051106	5/11/2006	Benzene	<	0.001	mg/l	0.001	U	0.01	No
MW24	MW24-W-051706	5/17/2006	Benzene		16	mg/l	0.05		0.01	Yes
MW25	MW25-W-051206	5/12/2006	Benzene		3.7	mg/l	0.02		0.01	Yes
MW26	MW26-W-051206	5/12/2006	Benzene		3.4	mg/l	0.01		0.01	Yes
MW27	MW27-W-051206	5/12/2006	Benzene		12	mg/l	0.1		0.01	Yes
MW29	MW29-W-050206	5/2/2006	Benzene		0.092	mg/l	0.005		0.01	Yes
MW30	MW30-W-050206	5/2/2006	Benzene		0.13	mg/l	0.001		0.01	Yes
MW31	MW31-W-050406	5/4/2006	Benzene		2.7	mg/l	0.01		0.01	Yes
MW32	MW32-W-050306	5/3/2006	Benzene		0.013	mg/l	0.001		0.01	Yes
MW34	MW34-W-050306	5/3/2006	Benzene		2.6	mg/l	0.01		0.01	Yes
MWD1	MWD1-W-051006	5/10/2006	Benzene		0.0022	mg/l	0.001		0.01	No
MWD2	MWD2-W-051706	5/17/2006	Benzene		0.054	mg/l	0.001		0.01	Yes
MWD3	MWD3-W-051106	5/11/2006	Benzene		0.63	mg/l	0.005		0.01	Yes
MWD4	MWD4-W-050306	5/3/2006	Benzene		0.013	mg/l	0.001		0.01	Yes
MWD5	MWD5-W-051206	5/12/2006	Benzene		2.3	mg/l	0.01		0.01	Yes
MWD6	MWD6-W-051206	5/12/2006	Benzene		0.013	mg/l	0.001		0.01	Yes
MWD7	MWD7-W-051006	5/10/2006	Benzene	<	0.001	mg/l	0.001	U	0.01	No
MWD8	MWD8-W-051706	5/17/2006	Benzene		0.035	mg/l	0.001		0.01	Yes
MWD9	MWD9-W-051106	5/11/2006	Benzene		0.0064	mg/l	0.001		0.01	No
MWD10	MWD10-W-051106	5/11/2006	Benzene		0.3	mg/l	0.001		0.01	Yes
MWD11	MWD11-W-051706	5/17/2006	Benzene		0.028	mg/l	0.001		0.01	Yes
MWD12	MWD12-W-051206	5/12/2006	Benzene		0.14	mg/l	0.001		0.01	Yes
MWD13	MWD13-W-050306	5/3/2006	Benzene		0.005	mg/l	0.001		0.01	No
MWD14	MWD14-W-051106	5/11/2006	Benzene		1.1	mg/l	0.005		0.01	Yes
MWD15	MWD15-W-051106	5/11/2006	Benzene		0.53	mg/l	0.005		0.01	Yes
MWD16	MWD16-W-051106	5/11/2006	Benzene		0.8	mg/l	0.005		0.01	Yes
MWD17	MWD17-W-051106	5/11/2006	Benzene		1.4	mg/l	0.005		0.01	Yes
RW6	RW6-W-051106	5/11/2006	Benzene		0.0031	mg/l	0.001		0.01	No
RW7	RW7-W-051106	5/11/2006	Benzene	<	0.001	mg/l	0.001	U	0.01	No
RW8	RW8-W-051106	5/11/2006	Benzene		0.25	mg/l	0.001		0.01	Yes
TMW1	TMW1-W-051706	5/17/2006	Benzene		0.17	mg/l	0.001		0.01	Yes
TMW3	TMW3-W-051106	5/11/2006	Benzene		0.01	mg/l	0.001		0.01	No
TMW6	TMW6-W-051206	5/12/2006	Benzene		1.2	mg/l	0.005		0.01	Yes
WW2	WW2-W-050206	5/2/2006	Benzene		0.0011	mg/l	0.001		0.01	No
WW4	WW4-W-050406	5/4/2006	Benzene		0.0017	mg/l	0.001		0.01	No
WW5	WW5-W-050406	5/4/2006	Benzene		0.0013	mg/l	0.001		0.01	No
WW6	WW6-W-050406	5/4/2006	Benzene		0.0027	mg/l	0.001		0.01	No
WW7	WW7-W-050206	5/2/2006	Benzene	<	0.02	mg/l	0.02	U	0.01	Yes

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-051706	5/17/2006	Toluene		0.0032	mg/l	0.001		0.75	No
MW4	MW4-W-051706	5/17/2006	Toluene		0.0085	mg/l	0.001		0.75	No
MW6	MW6-W-050306	5/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW7	MW7-W-050306	5/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW8	MW8-W-050306	5/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW9	MW9-W-051206	5/12/2006	Toluene		0.12	mg/l	0.02		0.75	No
MW11	MW11-W-051706	5/17/2006	Toluene		0.04	mg/l	0.02		0.75	No
MW13	MW13-W-050406	5/4/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW14	MW14-W-050406	5/4/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW17	MW17-W-051006	5/10/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW18	MW18-W-051706	5/17/2006	Toluene		0.0035	mg/l	0.001		0.75	No
MW22	MW22-W-051106	5/11/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW23	MW23-W-051106	5/11/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW24	MW24-W-051706	5/17/2006	Toluene		0.11	mg/l	0.05		0.75	No
MW25	MW25-W-051206	5/12/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MW26	MW26-W-051206	5/12/2006	Toluene		0.061	mg/l	0.01		0.75	No
MW27	MW27-W-051206	5/12/2006	Toluene		0.17	mg/l	0.1		0.75	No
MW29	MW29-W-050206	5/2/2006	Toluene		0.0054	mg/l	0.005		0.75	No
MW30	MW30-W-050206	5/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW31	MW31-W-050406	5/4/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW32	MW32-W-050306	5/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW34	MW34-W-050306	5/3/2006	Toluene	<	0.01	mg/l	0.01	U	0.75	No
MWD1	MWD1-W-051006	5/10/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD2	MWD2-W-051706	5/17/2006	Toluene		0.0027	mg/l	0.001		0.75	No
MWD3	MWD3-W-051106	5/11/2006	Toluene		0.0097	mg/l	0.001		0.75	No
MWD4	MWD4-W-050306	5/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD5	MWD5-W-051206	5/12/2006	Toluene		0.06	mg/l	0.01		0.75	No
MWD6	MWD6-W-051206	5/12/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD7	MWD7-W-051006	5/10/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD8	MWD8-W-051706	5/17/2006	Toluene		0.002	mg/l	0.001		0.75	No
MWD9	MWD9-W-051106	5/11/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD10	MWD10-W-051106	5/11/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD11	MWD11-W-051706	5/17/2006	Toluene		0.0014	mg/l	0.001		0.75	No
MWD12	MWD12-W-051206	5/12/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD13	MWD13-W-050306	5/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD14	MWD14-W-051106	5/11/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MWD15	MWD15-W-051106	5/11/2006	Toluene		0.014	mg/l	0.005		0.75	No
MWD16	MWD16-W-051106	5/11/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MWD17	MWD17-W-051106	5/11/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
RW6	RW6-W-051106	5/11/2006	Toluene		0.0032	mg/l	0.001		0.75	No
RW7	RW7-W-051106	5/11/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
RW8	RW8-W-051106	5/11/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
TMW1	TMW1-W-051706	5/17/2006	Toluene		0.0058	mg/l	0.001		0.75	No
TMW3	TMW3-W-051106	5/11/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
TMW6	TMW6-W-051206	5/12/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
WW2	WW2-W-050206	5/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
WW4	WW4-W-050406	5/4/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
WW5	WW5-W-050406	5/4/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
WW6	WW6-W-050406	5/4/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
WW7	WW7-W-050206	5/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-051706	5/17/2006	Ethylbenzene		0.019	mg/l	0.001		0.75	No
MW4	MW4-W-051706	5/17/2006	Ethylbenzene		0.044	mg/l	0.001		0.75	No
MW6	MW6-W-050306	5/3/2006	Ethylbenzene		0.0018	mg/l	0.001		0.75	No
MW7	MW7-W-050306	5/3/2006	Ethylbenzene		0.0038	mg/l	0.001		0.75	No
MW8	MW8-W-050306	5/3/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW9	MW9-W-051206	5/12/2006	Ethylbenzene		0.7	mg/l	0.02		0.75	No
MW11	MW11-W-051706	5/17/2006	Ethylbenzene		0.44	mg/l	0.02		0.75	No
MW13	MW13-W-050406	5/4/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW14	MW14-W-050406	5/4/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW17	MW17-W-051006	5/10/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW18	MW18-W-051706	5/17/2006	Ethylbenzene		0.021	mg/l	0.001		0.75	No
MW22	MW22-W-051106	5/11/2006	Ethylbenzene		0.009	mg/l	0.001		0.75	No
MW23	MW23-W-051106	5/11/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW24	MW24-W-051706	5/17/2006	Ethylbenzene		0.65	mg/l	0.05		0.75	No
MW25	MW25-W-051206	5/12/2006	Ethylbenzene		0.36	mg/l	0.005		0.75	No
MW26	MW26-W-051206	5/12/2006	Ethylbenzene		0.25	mg/l	0.01		0.75	No
MW27	MW27-W-051206	5/12/2006	Ethylbenzene		0.48	mg/l	0.1		0.75	No
MW29	MW29-W-050206	5/2/2006	Ethylbenzene		0.13	mg/l	0.005		0.75	No
MW30	MW30-W-050206	5/2/2006	Ethylbenzene		0.0056	mg/l	0.001		0.75	No
MW31	MW31-W-050406	5/4/2006	Ethylbenzene		0.33	mg/l	0.001		0.75	No
MW32	MW32-W-050306	5/3/2006	Ethylbenzene		0.0086	mg/l	0.001		0.75	No
MW34	MW34-W-050306	5/3/2006	Ethylbenzene		0.29	mg/l	0.01		0.75	No
MWD1	MWD1-W-051006	5/10/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MWD2	MWD2-W-051706	5/17/2006	Ethylbenzene		0.012	mg/l	0.001		0.75	No
MWD3	MWD3-W-051106	5/11/2006	Ethylbenzene		0.21	mg/l	0.001		0.75	No
MWD4	MWD4-W-050306	5/3/2006	Ethylbenzene		0.0059	mg/l	0.001		0.75	No
MWD5	MWD5-W-051206	5/12/2006	Ethylbenzene		0.33	mg/l	0.01		0.75	No
MWD6	MWD6-W-051206	5/12/2006	Ethylbenzene		0.0088	mg/l	0.001		0.75	No
MWD7	MWD7-W-051006	5/10/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MWD8	MWD8-W-051706	5/17/2006	Ethylbenzene		0.011	mg/l	0.001		0.75	No
MWD9	MWD9-W-051106	5/11/2006	Ethylbenzene		0.002	mg/l	0.001		0.75	No
MWD10	MWD10-W-051106	5/11/2006	Ethylbenzene		0.11	mg/l	0.001		0.75	No
MWD11	MWD11-W-051706	5/17/2006	Ethylbenzene		0.01	mg/l	0.001		0.75	No
MWD12	MWD12-W-051206	5/12/2006	Ethylbenzene		0.025	mg/l	0.001		0.75	No
MWD13	MWD13-W-050306	5/3/2006	Ethylbenzene		0.0024	mg/l	0.001		0.75	No
MWD14	MWD14-W-051106	5/11/2006	Ethylbenzene		0.033	mg/l	0.005		0.75	No
MWD15	MWD15-W-051106	5/11/2006	Ethylbenzene		0.42	mg/l	0.005		0.75	No
MWD16	MWD16-W-051106	5/11/2006	Ethylbenzene		0.25	mg/l	0.005		0.75	No
MWD17	MWD17-W-051106	5/11/2006	Ethylbenzene		0.019	mg/l	0.005		0.75	No
RW6	RW6-W-051106	5/11/2006	Ethylbenzene		0.0018	mg/l	0.001		0.75	No
RW7	RW7-W-051106	5/11/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
RW8	RW8-W-051106	5/11/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
TMW1	TMW1-W-051706	5/17/2006	Ethylbenzene		0.034	mg/l	0.001		0.75	No
TMW3	TMW3-W-051106	5/11/2006	Ethylbenzene		0.018	mg/l	0.001		0.75	No
TMW6	TMW6-W-051206	5/12/2006	Ethylbenzene		0.22	mg/l	0.005		0.75	No
WW2	WW2-W-050206	5/2/2006	Ethylbenzene		0.0014	mg/l	0.001		0.75	No
WW4	WW4-W-050406	5/4/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
WW5	WW5-W-050406	5/4/2006	Ethylbenzene		0.001	mg/l	0.001		0.75	No
WW6	WW6-W-050406	5/4/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
WW7	WW7-W-050206	5/2/2006	Ethylbenzene		0.058	mg/l	0.001		0.75	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-051706	5/17/2006	Total Xylenes		0.016	mg/l	0.003		0.62	No
MW4	MW4-W-051706	5/17/2006	Total Xylenes		0.038	mg/l	0.003		0.62	No
MW6	MW6-W-050306	5/3/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW7	MW7-W-050306	5/3/2006	Total Xylenes		0.0051	mg/l	0.003		0.62	No
MW8	MW8-W-050306	5/3/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW9	MW9-W-051206	5/12/2006	Total Xylenes		0.19	mg/l	0.06		0.62	No
MW11	MW11-W-051706	5/17/2006	Total Xylenes		0.15	mg/l	0.06		0.62	No
MW13	MW13-W-050406	5/4/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW14	MW14-W-050406	5/4/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW17	MW17-W-051006	5/10/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW18	MW18-W-051706	5/17/2006	Total Xylenes		0.019	mg/l	0.003		0.62	No
MW22	MW22-W-051106	5/11/2006	Total Xylenes		0.0046	mg/l	0.003		0.62	No
MW23	MW23-W-051106	5/11/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW24	MW24-W-051706	5/17/2006	Total Xylenes		0.79	mg/l	0.15		0.62	Yes
MW25	MW25-W-051206	5/12/2006	Total Xylenes		0.024	mg/l	0.015		0.62	No
MW26	MW26-W-051206	5/12/2006	Total Xylenes		0.064	mg/l	0.03		0.62	No
MW27	MW27-W-051206	5/12/2006	Total Xylenes	<	0.3	mg/l	0.3	U	0.62	No
MW29	MW29-W-050206	5/2/2006	Total Xylenes		0.099	mg/l	0.015		0.62	No
MW30	MW30-W-050206	5/2/2006	Total Xylenes		0.0045	mg/l	0.003		0.62	No
MW31	MW31-W-050406	5/4/2006	Total Xylenes		0.016	mg/l	0.003		0.62	No
MW32	MW32-W-050306	5/3/2006	Total Xylenes		0.011	mg/l	0.003		0.62	No
MW34	MW34-W-050306	5/3/2006	Total Xylenes		0.44	mg/l	0.03		0.62	No
MWD1	MWD1-W-051006	5/10/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD2	MWD2-W-051706	5/17/2006	Total Xylenes		0.01	mg/l	0.003		0.62	No
MWD3	MWD3-W-051106	5/11/2006	Total Xylenes		0.072	mg/l	0.003		0.62	No
MWD4	MWD4-W-050306	5/3/2006	Total Xylenes		0.008	mg/l	0.003		0.62	No
MWD5	MWD5-W-051206	5/12/2006	Total Xylenes		0.11	mg/l	0.03		0.62	No
MWD6	MWD6-W-051206	5/12/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD7	MWD7-W-051006	5/10/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD8	MWD8-W-051706	5/17/2006	Total Xylenes		0.0096	mg/l	0.003		0.62	No
MWD9	MWD9-W-051106	5/11/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD10	MWD10-W-051106	5/11/2006	Total Xylenes		0.015	mg/l	0.003		0.62	No
MWD11	MWD11-W-051706	5/17/2006	Total Xylenes		0.0087	mg/l	0.003		0.62	No
MWD12	MWD12-W-051206	5/12/2006	Total Xylenes		0.0052	mg/l	0.003		0.62	No
MWD13	MWD13-W-050306	5/3/2006	Total Xylenes		0.0032	mg/l	0.003		0.62	No
MWD14	MWD14-W-051106	5/11/2006	Total Xylenes	<	0.015	mg/l	0.015	U	0.62	No
MWD15	MWD15-W-051106	5/11/2006	Total Xylenes		0.18	mg/l	0.015		0.62	No
MWD16	MWD16-W-051106	5/11/2006	Total Xylenes		0.11	mg/l	0.015		0.62	No
MWD17	MWD17-W-051106	5/11/2006	Total Xylenes	<	0.015	mg/l	0.015	U	0.62	No
RW6	RW6-W-051106	5/11/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
RW7	RW7-W-051106	5/11/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
RW8	RW8-W-051106	5/11/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
TMW1	TMW1-W-051706	5/17/2006	Total Xylenes		0.03	mg/l	0.003		0.62	No
TMW3	TMW3-W-051106	5/11/2006	Total Xylenes		0.0067	mg/l	0.003		0.62	No
TMW6	TMW6-W-051206	5/12/2006	Total Xylenes		0.067	mg/l	0.015		0.62	No
WW2	WW2-W-050206	5/2/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
WW4	WW4-W-050406	5/4/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
WW5	WW5-W-050406	5/4/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
WW6	WW6-W-050406	5/4/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
WW7	WW7-W-050206	5/2/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Chloride (titrimetric)		186	mg/l	20		250	No
MW4	MW4-W-050506	5/5/2006	Chloride (titrimetric)		6640	mg/l	800		250	Yes
MW6	MW6-W-050306	5/3/2006	Chloride (titrimetric)		14500	mg/l	2000		250	Yes
MW7	MW7-W-050306	5/3/2006	Chloride (titrimetric)		79.2	mg/l	20		250	No
MW8	MW8-W-050306	5/3/2006	Chloride (titrimetric)		2020	mg/l	200		250	Yes
MW9	MW9-W-051206	5/12/2006	Chloride (titrimetric)		479	mg/l	40		250	Yes
MW11	MW11-W-051706	5/17/2006	Chloride (titrimetric)		341	mg/l	40		250	Yes
MW13	MW13-W-050406	5/4/2006	Chloride (titrimetric)		393	mg/l	40		250	Yes
MW14	MW14-W-050406	5/4/2006	Chloride (titrimetric)		419	mg/l	40		250	Yes
MW17	MW17-W-051006	5/10/2006	Chloride (titrimetric)		5070	mg/l	400		250	Yes
MW18	MW18-W-050506	5/5/2006	Chloride (titrimetric)		3880	mg/l	200		250	Yes
MW22	MW22-W-051106	5/11/2006	Chloride (titrimetric)		2590	mg/l	200		250	Yes
MW23	MW23-W-051106	5/11/2006	Chloride (titrimetric)		6540	mg/l	400		250	Yes
MW24	MW24-W-051706	5/17/2006	Chloride (titrimetric)		342	mg/l	40		250	Yes
MW25	MW25-W-051206	5/12/2006	Chloride (titrimetric)		2180	mg/l	200		250	Yes
MW26	MW26-W-051206	5/12/2006	Chloride (titrimetric)		574	mg/l	40		250	Yes
MW27	MW27-W-051206	5/12/2006	Chloride (titrimetric)		499	mg/l	100		250	Yes
MW29	MW29-W-050206	5/2/2006	Chloride (titrimetric)		451	mg/l	40		250	Yes
MW30	MW30-W-050206	5/2/2006	Chloride (titrimetric)		352	mg/l	40		250	Yes
MW31	MW31-W-050406	5/4/2006	Chloride (titrimetric)		394	mg/l	40		250	Yes
MW32	MW32-W-050306	5/3/2006	Chloride (titrimetric)		1400	mg/l	200		250	Yes
MW34	MW34-W-050306	5/3/2006	Chloride (titrimetric)		612	mg/l	100		250	Yes
MWD1	MWD1-W-051006	5/10/2006	Chloride (titrimetric)		13100	mg/l	800		250	Yes
MWD2	MWD2-W-050506	5/5/2006	Chloride (titrimetric)		18900	mg/l	2000		250	Yes
MWD3	MWD3-W-051106	5/11/2006	Chloride (titrimetric)		63600	mg/l	10000		250	Yes
MWD4	MWD4-W-050306	5/3/2006	Chloride (titrimetric)		247	mg/l	40		250	No
MWD5	MWD5-W-051206	5/12/2006	Chloride (titrimetric)		1160	mg/l	100		250	Yes
MWD6	MWD6-W-051206	5/12/2006	Chloride (titrimetric)		943	mg/l	100		250	Yes
MWD7	MWD7-W-051006	5/10/2006	Chloride (titrimetric)		6870	mg/l	800		250	Yes
MWD8	MWD8-W-050506	5/5/2006	Chloride (titrimetric)		11100	mg/l	800		250	Yes
MWD9	MWD9-W-051106	5/11/2006	Chloride (titrimetric)		32900	mg/l	2000		250	Yes
MWD10	MWD10-W-051106	5/11/2006	Chloride (titrimetric)		7710	mg/l	800		250	Yes
MWD11	MWD11-W-050506	5/5/2006	Chloride (titrimetric)		2650	mg/l	200		250	Yes
MWD12	MWD12-W-051206	5/12/2006	Chloride (titrimetric)		5670	mg/l	400		250	Yes
MWD13	MWD13-W-050306	5/3/2006	Chloride (titrimetric)		5390	mg/l	400		250	Yes
MWD14	MWD14-W-051106	5/11/2006	Chloride (titrimetric)		12300	mg/l	800		250	Yes
MWD15	MWD15-W-051106	5/11/2006	Chloride (titrimetric)		26500	mg/l	4000		250	Yes
MWD16	MWD16-W-051106	5/11/2006	Chloride (titrimetric)		8140	mg/l	800		250	Yes
MWD17	MWD17-W-051106	5/11/2006	Chloride (titrimetric)		29400	mg/l	4000		250	Yes
RW6	RW6-W-050506	5/5/2006	Chloride (titrimetric)		32600	mg/l	2000		250	Yes
RW7	RW7-W-050506	5/5/2006	Chloride (titrimetric)		12600	mg/l	800		250	Yes
RW8	RW8-W-050506	5/5/2006	Chloride (titrimetric)		22300	mg/l	2000		250	Yes
TMW1	TMW1-W-050506	5/5/2006	Chloride (titrimetric)		1340	mg/l	100		250	Yes
TMW3	TMW3-W-051106	5/11/2006	Chloride (titrimetric)		733	mg/l	100		250	Yes
TMW6	TMW6-W-051206	5/12/2006	Chloride (titrimetric)		589	mg/l	40		250	Yes
WW2	WW2-W-050206	5/2/2006	Chloride (titrimetric)		530	mg/l	40		250	Yes
WW4	WW4-W-050406	5/4/2006	Chloride (titrimetric)		562	mg/l	40		250	Yes
WW5	WW5-W-050406	5/4/2006	Chloride (titrimetric)		1230	mg/l	100		250	Yes
WW6	WW6-W-050406	5/4/2006	Chloride (titrimetric)		939	mg/l	100		250	Yes
WW7	WW7-W-050206	5/2/2006	Chloride (titrimetric)		441	mg/l	40		250	Yes

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Total Dissolved Solids		807	mg/l	60		1000	No
MW4	MW4-W-050506	5/5/2006	Total Dissolved Solids		12800	mg/l	2400		1000	Yes
MW6	MW6-W-050306	5/3/2006	Total Dissolved Solids		25100	mg/l	2400		1000	Yes
MW7	MW7-W-050306	5/3/2006	Total Dissolved Solids		852	mg/l	60		1000	No
MW8	MW8-W-050306	5/3/2006	Total Dissolved Solids		4780	mg/l	600		1000	Yes
MW9	MW9-W-051206	5/12/2006	Total Dissolved Solids		1500	mg/l	120		1000	Yes
MW11	MW11-W-051706	5/17/2006	Total Dissolved Solids		1580	mg/l	120		1000	Yes
MW13	MW13-W-050406	5/4/2006	Total Dissolved Solids		1120	mg/l	120		1000	Yes
MW14	MW14-W-050406	5/4/2006	Total Dissolved Solids		1450	mg/l	120		1000	Yes
MW17	MW17-W-051006	5/10/2006	Total Dissolved Solids		9800	mg/l	1200		1000	Yes
MW18	MW18-W-050506	5/5/2006	Total Dissolved Solids		6870	mg/l	600		1000	Yes
MW22	MW22-W-051106	5/11/2006	Total Dissolved Solids		5420	mg/l	600		1000	Yes
MW23	MW23-W-051106	5/11/2006	Total Dissolved Solids		11700	mg/l	1200		1000	Yes
MW24	MW24-W-051706	5/17/2006	Total Dissolved Solids		1270	mg/l	120		1000	Yes
MW25	MW25-W-051206	5/12/2006	Total Dissolved Solids		8010	mg/l	600		1000	Yes
MW26	MW26-W-051206	5/12/2006	Total Dissolved Solids		1610	mg/l	120		1000	Yes
MW27	MW27-W-051206	5/12/2006	Total Dissolved Solids		2870	mg/l	240		1000	Yes
MW29	MW29-W-050206	5/2/2006	Total Dissolved Solids		1580	mg/l	120		1000	Yes
MW30	MW30-W-050206	5/2/2006	Total Dissolved Solids		1260	mg/l	120		1000	Yes
MW31	MW31-W-050406	5/4/2006	Total Dissolved Solids		1160	mg/l	120		1000	Yes
MW32	MW32-W-050306	5/3/2006	Total Dissolved Solids		4210	mg/l	600		1000	Yes
MW34	MW34-W-050306	5/3/2006	Total Dissolved Solids		1780	mg/l	240		1000	Yes
MWD1	MWD1-W-051006	5/10/2006	Total Dissolved Solids		24900	mg/l	2400		1000	Yes
MWD2	MWD2-W-050506	5/5/2006	Total Dissolved Solids		35700	mg/l	6000		1000	Yes
MWD3	MWD3-W-051106	5/11/2006	Total Dissolved Solids		105000	mg/l	6000		1000	Yes
MWD4	MWD4-W-050306	5/3/2006	Total Dissolved Solids		1170	mg/l	120		1000	Yes
MWD5	MWD5-W-051206	5/12/2006	Total Dissolved Solids		3050	mg/l	240		1000	Yes
MWD6	MWD6-W-051206	5/12/2006	Total Dissolved Solids		2670	mg/l	240		1000	Yes
MWD7	MWD7-W-051006	5/10/2006	Total Dissolved Solids		13800	mg/l	2400		1000	Yes
MWD8	MWD8-W-050506	5/5/2006	Total Dissolved Solids		20500	mg/l	2400		1000	Yes
MWD9	MWD9-W-051106	5/11/2006	Total Dissolved Solids		56400	mg/l	6000		1000	Yes
MWD10	MWD10-W-051106	5/11/2006	Total Dissolved Solids		14800	mg/l	2400		1000	Yes
MWD11	MWD11-W-050506	5/5/2006	Total Dissolved Solids		5040	mg/l	600		1000	Yes
MWD12	MWD12-W-051206	5/12/2006	Total Dissolved Solids		10200	mg/l	1200		1000	Yes
MWD13	MWD13-W-050306	5/3/2006	Total Dissolved Solids		11600	mg/l	1200		1000	Yes
MWD14	MWD14-W-051106	5/11/2006	Total Dissolved Solids		23400	mg/l	2400		1000	Yes
MWD15	MWD15-W-051106	5/11/2006	Total Dissolved Solids		41600	mg/l	6000		1000	Yes
MWD16	MWD16-W-051106	5/11/2006	Total Dissolved Solids		14300	mg/l	2400		1000	Yes
MWD17	MWD17-W-051106	5/11/2006	Total Dissolved Solids		50900	mg/l	6000		1000	Yes
RW6	RW6-W-050506	5/5/2006	Total Dissolved Solids		58200	mg/l	6000		1000	Yes
RW7	RW7-W-050506	5/5/2006	Total Dissolved Solids		24000	mg/l	2400		1000	Yes
RW8	RW8-W-050506	5/5/2006	Total Dissolved Solids		37800	mg/l	6000		1000	Yes
TMW1	TMW1-W-050506	5/5/2006	Total Dissolved Solids		2510	mg/l	240		1000	Yes
TMW3	TMW3-W-051106	5/11/2006	Total Dissolved Solids		2060	mg/l	240		1000	Yes
TMW6	TMW6-W-051206	5/12/2006	Total Dissolved Solids		1580	mg/l	120		1000	Yes
WW2	WW2-W-050206	5/2/2006	Total Dissolved Solids		1350	mg/l	120		1000	Yes
WW4	WW4-W-050406	5/4/2006	Total Dissolved Solids		1380	mg/l	120		1000	Yes
WW5	WW5-W-050406	5/4/2006	Total Dissolved Solids		2860	mg/l	240		1000	Yes
WW6	WW6-W-050406	5/4/2006	Total Dissolved Solids		2100	mg/l	240		1000	Yes
WW7	WW7-W-050206	5/2/2006	Total Dissolved Solids		1360	mg/l	120		1000	Yes

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW4	MW4-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW6	MW6-W-050306	5/3/2006	Arsenic		0.027	mg/l	0.02		0.1	No
MW7	MW7-W-050306	5/3/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW8	MW8-W-050306	5/3/2006	Arsenic		0.0333	mg/l	0.02		0.1	No
MW9	MW9-W-051206	5/12/2006	Arsenic		0.0223	mg/l	0.02		0.1	No
MW11	MW11-W-051706	5/17/2006	Arsenic		0.0518	mg/l	0.02		0.1	No
MW13	MW13-W-050406	5/4/2006	Arsenic		0.0266	mg/l	0.02		0.1	No
MW14	MW14-W-050406	5/4/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW17	MW17-W-051006	5/10/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW18	MW18-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW22	MW22-W-051106	5/11/2006	Arsenic		0.0361	mg/l	0.02		0.1	No
MW23	MW23-W-051106	5/11/2006	Arsenic		0.0666	mg/l	0.02		0.1	No
MW24	MW24-W-051706	5/17/2006	Arsenic		0.0254	mg/l	0.02		0.1	No
MW25	MW25-W-051206	5/12/2006	Arsenic		0.0207	mg/l	0.02		0.1	No
MW26	MW26-W-051206	5/12/2006	Arsenic		0.0592	mg/l	0.02		0.1	No
MW27	MW27-W-051206	5/12/2006	Arsenic		0.0533	mg/l	0.02		0.1	No
MW29	MW29-W-050206	5/2/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW30	MW30-W-050206	5/2/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW31	MW31-W-050406	5/4/2006	Arsenic		0.0365	mg/l	0.02		0.1	No
MW32	MW32-W-050306	5/3/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW34	MW34-W-050306	5/3/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD1	MWD1-W-051006	5/10/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD2	MWD2-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD3	MWD3-W-051106	5/11/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD4	MWD4-W-050306	5/3/2006	Arsenic		0.027	mg/l	0.02		0.1	No
MWD5	MWD5-W-051206	5/12/2006	Arsenic		0.0852	mg/l	0.02		0.1	No
MWD6	MWD6-W-051206	5/12/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD7	MWD7-W-051006	5/10/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD8	MWD8-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD9	MWD9-W-051106	5/11/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD10	MWD10-W-051106	5/11/2006	Arsenic		0.0593	mg/l	0.02		0.1	No
MWD11	MWD11-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD12	MWD12-W-051206	5/12/2006	Arsenic		0.055	mg/l	0.02		0.1	No
MWD13	MWD13-W-050306	5/3/2006	Arsenic		0.0324	mg/l	0.02		0.1	No
MWD14	MWD14-W-051106	5/11/2006	Arsenic		0.0426	mg/l	0.02		0.1	No
MWD15	MWD15-W-051106	5/11/2006	Arsenic		0.0253	mg/l	0.02		0.1	No
MWD16	MWD16-W-051106	5/11/2006	Arsenic		0.034	mg/l	0.02		0.1	No
MWD17	MWD17-W-051106	5/11/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
RW6	RW6-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
RW7	RW7-W-050506	5/5/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
RW8	RW8-W-050506	5/5/2006	Arsenic		0.0225	mg/l	0.02		0.1	No
TMW1	TMW1-W-050506	5/5/2006	Arsenic		0.049	mg/l	0.02		0.1	No
TMW3	TMW3-W-051106	5/11/2006	Arsenic		0.0405	mg/l	0.02		0.1	No
TMW6	TMW6-W-051206	5/12/2006	Arsenic		0.115	mg/l	0.02		0.1	**Yes**
WW2	WW2-W-050206	5/2/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
WW4	WW4-W-050406	5/4/2006	Arsenic		0.0346	mg/l	0.02		0.1	No
WW5	WW5-W-050406	5/4/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
WW6	WW6-W-050406	5/4/2006	Arsenic		0.0263	mg/l	0.02		0.1	No
WW7	WW7-W-050206	5/2/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Barium		0.074	mg/l	0.005		1.0	No
MW4	MW4-W-050506	5/5/2006	Barium		0.0548	mg/l	0.005		1.0	No
MW6	MW6-W-050306	5/3/2006	Barium		0.0753	mg/l	0.005		1.0	No
MW7	MW7-W-050306	5/3/2006	Barium		0.986	mg/l	0.005		1.0	No
MW8	MW8-W-050306	5/3/2006	Barium		0.0897	mg/l	0.005		1.0	No
MW9	MW9-W-051206	5/12/2006	Barium		16.4	mg/l	0.025		1.0	Yes
MW11	MW11-W-051706	5/17/2006	Barium		1.49	mg/l	0.005		1.0	Yes
MW13	MW13-W-050406	5/4/2006	Barium		2.84	mg/l	0.005		1.0	Yes
MW14	MW14-W-050406	5/4/2006	Barium		0.0714	mg/l	0.005		1.0	No
MW17	MW17-W-051006	5/10/2006	Barium		0.0467	mg/l	0.005		1.0	No
MW18	MW18-W-050506	5/5/2006	Barium		0.117	mg/l	0.005		1.0	No
MW22	MW22-W-051106	5/11/2006	Barium		0.337	mg/l	0.005		1.0	No
MW23	MW23-W-051106	5/11/2006	Barium		0.0448	mg/l	0.005		1.0	No
MW24	MW24-W-051706	5/17/2006	Barium		3.77	mg/l	0.005		1.0	Yes
MW25	MW25-W-051206	5/12/2006	Barium		0.361	mg/l	0.005		1.0	No
MW26	MW26-W-051206	5/12/2006	Barium		4	mg/l	0.005		1.0	Yes
MW27	MW27-W-051206	5/12/2006	Barium		0.139	mg/l	0.005		1.0	No
MW29	MW29-W-050206	5/2/2006	Barium		4.77	mg/l	0.005		1.0	Yes
MW30	MW30-W-050206	5/2/2006	Barium		8.28	mg/l	0.005		1.0	Yes
MW31	MW31-W-050406	5/4/2006	Barium		7.69	mg/l	0.005		1.0	Yes
MW32	MW32-W-050306	5/3/2006	Barium		1.64	mg/l	0.005		1.0	Yes
MW34	MW34-W-050306	5/3/2006	Barium		9.93	mg/l	0.005		1.0	Yes
MWD1	MWD1-W-051006	5/10/2006	Barium		0.0535	mg/l	0.005		1.0	No
MWD2	MWD2-W-050506	5/5/2006	Barium		0.103	mg/l	0.005		1.0	No
MWD3	MWD3-W-051106	5/11/2006	Barium		0.141	mg/l	0.005		1.0	No
MWD4	MWD4-W-050306	5/3/2006	Barium		1.01	mg/l	0.005		1.0	Yes
MWD5	MWD5-W-051206	5/12/2006	Barium		4.15	mg/l	0.005		1.0	Yes
MWD6	MWD6-W-051206	5/12/2006	Barium		0.314	mg/l	0.005		1.0	No
MWD7	MWD7-W-051006	5/10/2006	Barium		0.0386	mg/l	0.005		1.0	No
MWD8	MWD8-W-050506	5/5/2006	Barium		0.114	mg/l	0.005		1.0	No
MWD9	MWD9-W-051106	5/11/2006	Barium		0.0705	mg/l	0.005		1.0	No
MWD10	MWD10-W-051106	5/11/2006	Barium		0.757	mg/l	0.005		1.0	No
MWD11	MWD11-W-050506	5/5/2006	Barium		0.0912	mg/l	0.005		1.0	No
MWD12	MWD12-W-051206	5/12/2006	Barium		0.434	mg/l	0.005		1.0	No
MWD13	MWD13-W-050306	5/3/2006	Barium		0.0524	mg/l	0.005		1.0	No
MWD14	MWD14-W-051106	5/11/2006	Barium		0.17	mg/l	0.005		1.0	No
MWD15	MWD15-W-051106	5/11/2006	Barium		1.5	mg/l	0.005		1.0	Yes
MWD16	MWD16-W-051106	5/11/2006	Barium		1.28	mg/l	0.005		1.0	Yes
MWD17	MWD17-W-051106	5/11/2006	Barium		0.604	mg/l	0.005		1.0	No
RW6	RW6-W-050506	5/5/2006	Barium		0.354	mg/l	0.005		1.0	No
RW7	RW7-W-050506	5/5/2006	Barium		0.211	mg/l	0.005		1.0	No
RW8	RW8-W-050506	5/5/2006	Barium		0.236	mg/l	0.005		1.0	No
TMW1	TMW1-W-050506	5/5/2006	Barium		1.36	mg/l	0.005		1.0	Yes
TMW3	TMW3-W-051106	5/11/2006	Barium		1.18	mg/l	0.005		1.0	Yes
TMW6	TMW6-W-051206	5/12/2006	Barium		1.4	mg/l	0.005		1.0	Yes
WW2	WW2-W-050206	5/2/2006	Barium		0.166	mg/l	0.005		1.0	No
WW4	WW4-W-050406	5/4/2006	Barium		0.281	mg/l	0.005		1.0	No
WW5	WW5-W-050406	5/4/2006	Barium		0.139	mg/l	0.005		1.0	No
WW6	WW6-W-050406	5/4/2006	Barium		0.3	mg/l	0.005		1.0	No
WW7	WW7-W-050206	5/2/2006	Barium		0.425	mg/l	0.005		1.0	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW4	MW4-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW6	MW6-W-050306	5/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW7	MW7-W-050306	5/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW8	MW8-W-050306	5/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW9	MW9-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW11	MW11-W-051706	5/17/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW13	MW13-W-050406	5/4/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW14	MW14-W-050406	5/4/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW17	MW17-W-051006	5/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW18	MW18-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW22	MW22-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW23	MW23-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW24	MW24-W-051706	5/17/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW25	MW25-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW26	MW26-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW27	MW27-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW29	MW29-W-050206	5/2/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW30	MW30-W-050206	5/2/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW31	MW31-W-050406	5/4/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW32	MW32-W-050306	5/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW34	MW34-W-050306	5/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD1	MWD1-W-051006	5/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD2	MWD2-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD3	MWD3-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD4	MWD4-W-050306	5/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD5	MWD5-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD6	MWD6-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD7	MWD7-W-051006	5/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD8	MWD8-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD9	MWD9-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD10	MWD10-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD11	MWD11-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD12	MWD12-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD13	MWD13-W-050306	5/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD14	MWD14-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD15	MWD15-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD16	MWD16-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD17	MWD17-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
RW6	RW6-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
RW7	RW7-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
RW8	RW8-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
TMW1	TMW1-W-050506	5/5/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
TMW3	TMW3-W-051106	5/11/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
TMW6	TMW6-W-051206	5/12/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
WW2	WW2-W-050206	5/2/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
WW4	WW4-W-050406	5/4/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
WW5	WW5-W-050406	5/4/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
WW6	WW6-W-050406	5/4/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
WW7	WW7-W-050206	5/2/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW4	MW4-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW6	MW6-W-050306	5/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW7	MW7-W-050306	5/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW8	MW8-W-050306	5/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW9	MW9-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW11	MW11-W-051706	5/17/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW13	MW13-W-050406	5/4/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW14	MW14-W-050406	5/4/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW17	MW17-W-051006	5/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW18	MW18-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW22	MW22-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW23	MW23-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW24	MW24-W-051706	5/17/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW25	MW25-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW26	MW26-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW27	MW27-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW29	MW29-W-050206	5/2/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW30	MW30-W-050206	5/2/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW31	MW31-W-050406	5/4/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW32	MW32-W-050306	5/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW34	MW34-W-050306	5/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD1	MWD1-W-051006	5/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD2	MWD2-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD3	MWD3-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD4	MWD4-W-050306	5/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD5	MWD5-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD6	MWD6-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD7	MWD7-W-051006	5/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD8	MWD8-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD9	MWD9-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD10	MWD10-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD11	MWD11-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD12	MWD12-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD13	MWD13-W-050306	5/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD14	MWD14-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD15	MWD15-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD16	MWD16-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD17	MWD17-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
RW6	RW6-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
RW7	RW7-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
RW8	RW8-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
TMW1	TMW1-W-050506	5/5/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
TMW3	TMW3-W-051106	5/11/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
TMW6	TMW6-W-051206	5/12/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
WW2	WW2-W-050206	5/2/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
WW4	WW4-W-050406	5/4/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
WW5	WW5-W-050406	5/4/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
WW6	WW6-W-050406	5/4/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
WW7	WW7-W-050206	5/2/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW4	MW4-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW6	MW6-W-050306	5/3/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW7	MW7-W-050306	5/3/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW8	MW8-W-050306	5/3/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW9	MW9-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW11	MW11-W-051706	5/17/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW13	MW13-W-050406	5/4/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW14	MW14-W-050406	5/4/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW17	MW17-W-051006	5/10/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW18	MW18-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW22	MW22-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW23	MW23-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW24	MW24-W-051706	5/17/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW25	MW25-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW26	MW26-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW27	MW27-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW29	MW29-W-050206	5/2/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW30	MW30-W-050206	5/2/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW31	MW31-W-050406	5/4/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW32	MW32-W-050306	5/3/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MW34	MW34-W-050306	5/3/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD1	MWD1-W-051006	5/10/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD2	MWD2-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD3	MWD3-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD4	MWD4-W-050306	5/3/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD5	MWD5-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD6	MWD6-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD7	MWD7-W-051006	5/10/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD8	MWD8-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD9	MWD9-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD10	MWD10-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD11	MWD11-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD12	MWD12-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD13	MWD13-W-050306	5/3/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD14	MWD14-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD15	MWD15-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD16	MWD16-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
MWD17	MWD17-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
RW6	RW6-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
RW7	RW7-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
RW8	RW8-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
TMW1	TMW1-W-050506	5/5/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
TMW3	TMW3-W-051106	5/11/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
TMW6	TMW6-W-051206	5/12/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
WW2	WW2-W-050206	5/2/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
WW4	WW4-W-050406	5/4/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
WW5	WW5-W-050406	5/4/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
WW6	WW6-W-050406	5/4/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No
WW7	WW7-W-050206	5/2/2006	Lead	<	0.02	mg/l	0.02	U	0.05	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW4	MW4-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW6	MW6-W-050306	5/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW7	MW7-W-050306	5/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW8	MW8-W-050306	5/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW9	MW9-W-051206	5/12/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW11	MW11-W-051706	5/17/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW13	MW13-W-050406	5/4/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW14	MW14-W-050406	5/4/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW17	MW17-W-051006	5/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW18	MW18-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW22	MW22-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW23	MW23-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW24	MW24-W-051706	5/17/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW25	MW25-W-051206	5/12/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW26	MW26-W-051206	5/12/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW27	MW27-W-051206	5/12/2006	Mercury	<	0.002	mg/l	0.002	U	0.002	No
MW29	MW29-W-050206	5/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW30	MW30-W-050206	5/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW31	MW31-W-050406	5/4/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW32	MW32-W-050306	5/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW34	MW34-W-050306	5/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD1	MWD1-W-051006	5/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD2	MWD2-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD3	MWD3-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD4	MWD4-W-050306	5/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD5	MWD5-W-051206	5/12/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD6	MWD6-W-051206	5/12/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD7	MWD7-W-051006	5/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD8	MWD8-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD9	MWD9-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD10	MWD10-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD11	MWD11-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD12	MWD12-W-051206	5/12/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD13	MWD13-W-050306	5/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD14	MWD14-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD15	MWD15-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD16	MWD16-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD17	MWD17-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
RW6	RW6-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
RW7	RW7-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
RW8	RW8-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
TMW1	TMW1-W-050506	5/5/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
TMW3	TMW3-W-051106	5/11/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
TMW6	TMW6-W-051206	5/12/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
WW2	WW2-W-050206	5/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
WW4	WW4-W-050406	5/4/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
WW5	WW5-W-050406	5/4/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
WW6	WW6-W-050406	5/4/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
WW7	WW7-W-050206	5/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW4	MW4-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW6	MW6-W-050306	5/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW7	MW7-W-050306	5/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW8	MW8-W-050306	5/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW9	MW9-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW11	MW11-W-051706	5/17/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW13	MW13-W-050406	5/4/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW14	MW14-W-050406	5/4/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW17	MW17-W-051006	5/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW18	MW18-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW22	MW22-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW23	MW23-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW24	MW24-W-051706	5/17/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW25	MW25-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW26	MW26-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW27	MW27-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW29	MW29-W-050206	5/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW30	MW30-W-050206	5/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW31	MW31-W-050406	5/4/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW32	MW32-W-050306	5/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW34	MW34-W-050306	5/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD1	MWD1-W-051006	5/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD2	MWD2-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD3	MWD3-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD4	MWD4-W-050306	5/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD5	MWD5-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD6	MWD6-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD7	MWD7-W-051006	5/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD8	MWD8-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD9	MWD9-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD10	MWD10-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD11	MWD11-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD12	MWD12-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD13	MWD13-W-050306	5/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD14	MWD14-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD15	MWD15-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD16	MWD16-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD17	MWD17-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
RW6	RW6-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
RW7	RW7-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
RW8	RW8-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
TMW1	TMW1-W-050506	5/5/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
TMW3	TMW3-W-051106	5/11/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
TMW6	TMW6-W-051206	5/12/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
WW2	WW2-W-050206	5/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
WW4	WW4-W-050406	5/4/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
WW5	WW5-W-050406	5/4/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
WW6	WW6-W-050406	5/4/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
WW7	WW7-W-050206	5/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No

Table 2b: Summary of Second Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW3	MW3-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW4	MW4-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW6	MW6-W-050306	5/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW7	MW7-W-050306	5/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW8	MW8-W-050306	5/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW9	MW9-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW11	MW11-W-051706	5/17/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW13	MW13-W-050406	5/4/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW14	MW14-W-050406	5/4/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW17	MW17-W-051006	5/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW18	MW18-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW22	MW22-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW23	MW23-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW24	MW24-W-051706	5/17/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW25	MW25-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW26	MW26-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW27	MW27-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW29	MW29-W-050206	5/2/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW30	MW30-W-050206	5/2/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW31	MW31-W-050406	5/4/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW32	MW32-W-050306	5/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW34	MW34-W-050306	5/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD1	MWD1-W-051006	5/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD2	MWD2-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD3	MWD3-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD4	MWD4-W-050306	5/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD5	MWD5-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD6	MWD6-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD7	MWD7-W-051006	5/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD8	MWD8-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD9	MWD9-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD10	MWD10-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD11	MWD11-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD12	MWD12-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD13	MWD13-W-050306	5/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD14	MWD14-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD15	MWD15-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD16	MWD16-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD17	MWD17-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
RW6	RW6-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
RW7	RW7-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
RW8	RW8-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
TMW1	TMW1-W-050506	5/5/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
TMW3	TMW3-W-051106	5/11/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
TMW6	TMW6-W-051206	5/12/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
WW2	WW2-W-050206	5/2/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
WW4	WW4-W-050406	5/4/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
WW5	WW5-W-050406	5/4/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
WW6	WW6-W-050406	5/4/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
WW7	WW7-W-050206	5/2/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No

Notes:
DL = Detection Limit
WQCC = Water Quality Control Commission
*No Human Health Standards exist for chloride or TDS; therefore, these concentrations are compared to the Domestic Water Supply Standards.
mg/l = milligrams per liter
U = Not detected

Table 2c: Summary of Third Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC Standard?
MW4	MW4-W-081006	8/10/2006	Benzene		0.053	mg/l	0.001		0.01	**Yes**
MWD9	MWD9-W-081006	8/10/2006	Benzene		0.011	mg/l	0.001		0.01	**Yes**
MWD10	MWD10-W-081006	8/10/2006	Benzene		0.47	mg/l	0.005		0.01	**Yes**
MWD12	MWD12-W-080906	8/9/2006	Benzene		0.17	mg/l	0.001		0.01	**Yes**
MWD14	MWD14-W-080906	8/9/2006	Benzene		1.2	mg/l	0.005		0.01	**Yes**
MWD15	MWD15-W-081006	8/10/2006	Benzene		0.57	mg/l	0.005		0.01	**Yes**
MWD16	MWD16-W-080906	8/9/2006	Benzene		0.88	mg/l	0.005		0.01	**Yes**
MWD17	MWD17-W-080906	8/9/2006	Benzene		0.84	mg/l	0.005		0.01	**Yes**
MW4	MW4-W-081006	8/10/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD9	MWD9-W-081006	8/10/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD10	MWD10-W-081006	8/10/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MWD12	MWD12-W-080906	8/9/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD14	MWD14-W-080906	8/9/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MWD15	MWD15-W-081006	8/10/2006	Toluene		0.018	mg/l	0.005		0.75	No
MWD16	MWD16-W-080906	8/9/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MWD17	MWD17-W-080906	8/9/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MW4	MW4-W-081006	8/10/2006	Ethylbenzene		0.0074	mg/l	0.001		0.75	No
MWD9	MWD9-W-081006	8/10/2006	Ethylbenzene		0.0022	mg/l	0.001		0.75	No
MWD10	MWD10-W-081006	8/10/2006	Ethylbenzene		0.15	mg/l	0.005		0.75	No
MWD12	MWD12-W-080906	8/9/2006	Ethylbenzene		0.016	mg/l	0.001		0.75	No
MWD14	MWD14-W-080906	8/9/2006	Ethylbenzene		0.059	mg/l	0.005		0.75	No
MWD15	MWD15-W-081006	8/10/2006	Ethylbenzene		0.42	mg/l	0.005		0.75	No
MWD16	MWD16-W-080906	8/9/2006	Ethylbenzene		0.54	mg/l	0.005		0.75	No
MWD17	MWD17-W-080906	8/9/2006	Ethylbenzene		0.04	mg/l	0.005		0.75	No

Table 2c: Summary of Third Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC Standard?
MW4	MW4-W-081006	8/10/2006	Total Xylenes		0.0049	mg/l	0.003		0.62	No
MWD9	MWD9-W-081006	8/10/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD10	MWD10-W-081006	8/10/2006	Total Xylenes	<	0.015	mg/l	0.015	U	0.62	No
MWD12	MWD12-W-080906	8/9/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD14	MWD14-W-080906	8/9/2006	Total Xylenes		0.018	mg/l	0.015		0.62	No
MWD15	MWD15-W-081006	8/10/2006	Total Xylenes		0.25	mg/l	0.015		0.62	No
MWD16	MWD16-W-080906	8/9/2006	Total Xylenes		0.28	mg/l	0.015		0.62	No
MWD17	MWD17-W-080906	8/9/2006	Total Xylenes		0.018	mg/l	0.015		0.62	No
MW4	MW4-W-081006	8/10/2006	Chloride (titrimetric)		7350	mg/l	1000		250	**Yes**
MW15	MW15-W-081006	8/10/2006	Chloride (titrimetric)		2880	mg/l	200		250	**Yes**
MW16	MW16-W-081006	8/10/2006	Chloride (titrimetric)		1930	mg/l	200		250	**Yes**
MW17	MW17-W-080906	8/9/2006	Chloride (titrimetric)		5230	mg/l	1000		250	**Yes**
MWD1	MWD1-W-081006	8/10/2006	Chloride (titrimetric)		12300	mg/l	1000		250	**Yes**
MWD2	MWD2-W-081006	8/10/2006	Chloride (titrimetric)		19400	mg/l	1000		250	**Yes**
MWD4	MWD4-W-080906	8/9/2006	Chloride (titrimetric)		1120	mg/l	100		250	**Yes**
MWD7	MWD7-W-080906	8/9/2006	Chloride (titrimetric)		9590	mg/l	1000		250	**Yes**
MWD8	MWD8-W-081006	8/10/2006	Chloride (titrimetric)		11800	mg/l	1000		250	**Yes**
MWD9	MWD9-W-081006	8/10/2006	Chloride (titrimetric)		28500	mg/l	4000		250	**Yes**
MWD10	MWD10-W-081006	8/10/2006	Chloride (titrimetric)		8730	mg/l	1000		250	**Yes**
MWD12	MWD12-W-080906	8/9/2006	Chloride (titrimetric)		5450	mg/l	1000		250	**Yes**
MWD13	MWD13-W-080906	8/9/2006	Chloride (titrimetric)		12600	mg/l	1000		250	**Yes**
MWD14	MWD14-W-080906	8/9/2006	Chloride (titrimetric)		14200	mg/l	2000		250	**Yes**
MWD15	MWD15-W-081006	8/10/2006	Chloride (titrimetric)		22100	mg/l	1000		250	**Yes**
MWD16	MWD16-W-080906	8/9/2006	Chloride (titrimetric)		10100	mg/l	2000		250	**Yes**
MWD17	MWD17-W-080906	8/9/2006	Chloride (titrimetric)		50200	mg/l	10000		250	**Yes**

Notes:
DL = Detection Limit
WQCC = Water Quality Control Commission
*No Human Health Standard exists for chloride; therefore, chloride concentrations are compared to the Domestic Water Supply Standard.
mg/l = milligrams per liter
U = Not detected

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Benzene		69	mg/l	0.5		0.01	Yes
MW3	MW3-W-110606	11/6/2006	Benzene		0.02	mg/l	0.001		0.01	Yes
MW4	MW4-W-110606	11/6/2006	Benzene		0.017	mg/l	0.001		0.01	Yes
MW6	MW6-W-110206	11/2/2006	Benzene		0.0094	mg/l	0.001		0.01	No
MW7	MW7-W-110206	11/2/2006	Benzene		0.0099	mg/l	0.001		0.01	No
MW8	MW8-W-110106	11/1/2006	Benzene		0.03	mg/l	0.001		0.01	Yes
MW9	MW9-W-110106	11/1/2006	Benzene		8.7	mg/l	0.05		0.01	Yes
MW10	MW10-W-111006	11/10/2006	Benzene		21	mg/l	0.1		0.01	Yes
MW11	MW11-W-111006	11/10/2006	Benzene		39	mg/l	0.2		0.01	Yes
MW12	MW12-W-111006	11/10/2006	Benzene		44	mg/l	0.2		0.01	Yes
MW13	MW13-W-110606	11/6/2006	Benzene		0.13	mg/l	0.001		0.01	Yes
MW14	MW14-W-110606	11/6/2006	Benzene		0.0045	mg/l	0.001		0.01	No
MW15	MW15-W-110106	11/1/2006	Benzene		0.0054	mg/l	0.001		0.01	No
MW16	MW16-W-110106	11/1/2006	Benzene	<	0.001	mg/l	0.001	U	0.01	No
MW17	MW17-W-110306	11/3/2006	Benzene		0.0035	mg/l	0.001		0.01	No
MW18	MW18-W-110306	11/3/2006	Benzene		0.0047	mg/l	0.001		0.01	No
MW19	MW19-W-110906	11/9/2006	Benzene		0.77	mg/l	0.005		0.01	Yes
MW21	MW21-W-110806	11/8/2006	Benzene		1.5	mg/l	0.01		0.01	Yes
MW22	MW22-W-110606	11/6/2006	Benzene		1	mg/l	0.005		0.01	Yes
MW23	MW23-W-110606	11/6/2006	Benzene		0.0079	mg/l	0.001		0.01	No
MW24	MW24-W-110906	11/9/2006	Benzene		14	mg/l	0.1		0.01	Yes
MW25	MW25-W-111006	11/10/2006	Benzene		4.2	mg/l	0.02		0.01	Yes
MW29	MW29-W-110206	11/2/2006	Benzene		0.12	mg/l	0.001		0.01	Yes
MW30	MW30-W-110106	11/1/2006	Benzene		0.2	mg/l	0.005		0.01	Yes
MW31	MW31-W-110606	11/6/2006	Benzene		2.5	mg/l	0.01		0.01	Yes
MW32	MW32-W-110106	11/1/2006	Benzene		0.06	mg/l	0.005		0.01	Yes
MW34	MW34-W-110106	11/1/2006	Benzene		2.6	mg/l	0.01		0.01	Yes
MWD1	MWD1-W-110606	11/6/2006	Benzene		0.0051	mg/l	0.001		0.01	No
MWD2	MWD2-W-110606	11/6/2006	Benzene		0.0081	mg/l	0.001		0.01	No
MWD3	MWD3-W-110906	11/9/2006	Benzene		1.3	mg/l	0.005		0.01	Yes
MWD4	MWD4-W-110206	11/2/2006	Benzene		0.015	mg/l	0.001		0.01	Yes
MWD5	MWD5-W-110106	11/1/2006	Benzene		1.3	mg/l	0.5		0.01	Yes
MWD6	MWD6-W-110106	11/1/2006	Benzene		0.14	mg/l	0.001		0.01	Yes
MWD7	MWD7-W-110306	11/3/2006	Benzene		0.0059	mg/l	0.001		0.01	No
MWD8	MWD8-W-110306	11/3/2006	Benzene		0.008	mg/l	0.001		0.01	No
MWD10	MWD10-W-110906	11/9/2006	Benzene		0.6	mg/l	0.005		0.01	Yes
MWD11	MWD11-W-110606	11/6/2006	Benzene		0.013	mg/l	0.001		0.01	Yes
MWD12	MWD12-W-110106	11/1/2006	Benzene		0.16	mg/l	0.001		0.01	Yes
MWD13	MWD13-W-110206	11/2/2006	Benzene		0.012	mg/l	0.001		0.01	Yes
MWD14	MWD14-W-110806	11/8/2006	Benzene		1.4	mg/l	0.01		0.01	Yes
MWD15	MWD15-W-110606	11/6/2006	Benzene		0.4	mg/l	0.005		0.01	Yes
MWD16	MWD16-W-110806	11/8/2006	Benzene		0.94	mg/l	0.005		0.01	Yes
MWD17	MWD17-W-110606	11/6/2006	Benzene		1.4	mg/l	0.005		0.01	Yes
RW6	RW6-W-110806	11/8/2006	Benzene		0.0053	mg/l	0.001		0.01	No
RW7	RW7-W-110806	11/8/2006	Benzene		0.0095	mg/l	0.001		0.01	No
RW8	RW8-W-110806	11/8/2006	Benzene		0.22	mg/l	0.001		0.01	Yes
TMW1	TMW1-W-110606	11/6/2006	Benzene		0.017	mg/l	0.001		0.01	Yes
TMW3	TMW3-W-110906	11/9/2006	Benzene		0.03	mg/l	0.001		0.01	Yes
TMW5	TMW5-W-110906	11/9/2006	Benzene		1.6	mg/l	0.01		0.01	Yes
TMW6	TMW6-W-110906	11/9/2006	Benzene		2	mg/l	0.01		0.01	Yes

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Toluene		19	mg/l	0.5		0.75	**Yes**
MW3	MW3-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW4	MW4-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW6	MW6-W-110206	11/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW7	MW7-W-110206	11/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW8	MW8-W-110106	11/1/2006	Toluene		0.0012	mg/l	0.001		0.75	No
MW9	MW9-W-110106	11/1/2006	Toluene		0.014	mg/l	0.005		0.75	No
MW10	MW10-W-111006	11/10/2006	Toluene		0.19	mg/l	0.025		0.75	No
MW11	MW11-W-111006	11/10/2006	Toluene		0.45	mg/l	0.05		0.75	No
MW12	MW12-W-111006	11/10/2006	Toluene		5.6	mg/l	0.2		0.75	**Yes**
MW13	MW13-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW14	MW14-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW15	MW15-W-110106	11/1/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW16	MW16-W-110106	11/1/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW17	MW17-W-110306	11/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW18	MW18-W-110306	11/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MW19	MW19-W-110906	11/9/2006	Toluene		0.0017	mg/l	0.001		0.75	No
MW21	MW21-W-110806	11/8/2006	Toluene		0.035	mg/l	0.001		0.75	No
MW22	MW22-W-110606	11/6/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MW23	MW23-W-110606	11/6/2006	Toluene		0.0019	mg/l	0.001		0.75	No
MW24	MW24-W-110906	11/9/2006	Toluene		0.12	mg/l	0.02		0.75	No
MW25	MW25-W-111006	11/10/2006	Toluene		0.0068	mg/l	0.005		0.75	No
MW29	MW29-W-110206	11/2/2006	Toluene		0.0053	mg/l	0.001		0.75	No
MW30	MW30-W-110106	11/1/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MW31	MW31-W-110606	11/6/2006	Toluene	<	0.01	mg/l	0.01	U	0.75	No
MW32	MW32-W-110106	11/1/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MW34	MW34-W-110106	11/1/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
MWD1	MWD1-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD2	MWD2-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD3	MWD3-W-110906	11/9/2006	Toluene		0.0079	mg/l	0.005		0.75	No
MWD4	MWD4-W-110206	11/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD5	MWD5-W-110106	11/1/2006	Toluene	<	0.5	mg/l	0.5	U	0.75	No
MWD6	MWD6-W-110106	11/1/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD7	MWD7-W-110306	11/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD8	MWD8-W-110306	11/3/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD10	MWD10-W-110906	11/9/2006	Toluene		0.0016	mg/l	0.001		0.75	No
MWD11	MWD11-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD12	MWD12-W-110106	11/1/2006	Toluene		0.0014	mg/l	0.001		0.75	No
MWD13	MWD13-W-110206	11/2/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
MWD14	MWD14-W-110806	11/8/2006	Toluene		0.0047	mg/l	0.001		0.75	No
MWD15	MWD15-W-110606	11/6/2006	Toluene		0.021	mg/l	0.005		0.75	No
MWD16	MWD16-W-110806	11/8/2006	Toluene		0.005	mg/l	0.001		0.75	No
MWD17	MWD17-W-110606	11/6/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No
RW6	RW6-W-110806	11/8/2006	Toluene		0.0041	mg/l	0.001		0.75	No
RW7	RW7-W-110806	11/8/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
RW8	RW8-W-110806	11/8/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
TMW1	TMW1-W-110606	11/6/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
TMW3	TMW3-W-110906	11/9/2006	Toluene	<	0.001	mg/l	0.001	U	0.75	No
TMW5	TMW5-W-110906	11/9/2006	Toluene	<	0.01	mg/l	0.01	U	0.75	No
TMW6	TMW6-W-110906	11/9/2006	Toluene	<	0.005	mg/l	0.005	U	0.75	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Ethylbenzene		3	mg/l	0.5		0.75	**Yes**
MW3	MW3-W-110606	11/6/2006	Ethylbenzene		0.011	mg/l	0.001		0.75	No
MW4	MW4-W-110606	11/6/2006	Ethylbenzene		0.005	mg/l	0.001		0.75	No
MW6	MW6-W-110206	11/2/2006	Ethylbenzene		0.0077	mg/l	0.001		0.75	No
MW7	MW7-W-110206	11/2/2006	Ethylbenzene		0.013	mg/l	0.001		0.75	No
MW8	MW8-W-110106	11/1/2006	Ethylbenzene		0.011	mg/l	0.001		0.75	No
MW9	MW9-W-110106	11/1/2006	Ethylbenzene		0.51	mg/l	0.005		0.75	No
MW10	MW10-W-111006	11/10/2006	Ethylbenzene		0.68	mg/l	0.025		0.75	No
MW11	MW11-W-111006	11/10/2006	Ethylbenzene		0.7	mg/l	0.05		0.75	No
MW12	MW12-W-111006	11/10/2006	Ethylbenzene		2.7	mg/l	0.2		0.75	**Yes**
MW13	MW13-W-110606	11/6/2006	Ethylbenzene		0.021	mg/l	0.001		0.75	No
MW14	MW14-W-110606	11/6/2006	Ethylbenzene		0.0025	mg/l	0.001		0.75	No
MW15	MW15-W-110106	11/1/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW16	MW16-W-110106	11/1/2006	Ethylbenzene	<	0.001	mg/l	0.001	U	0.75	No
MW17	MW17-W-110306	11/3/2006	Ethylbenzene		0.0031	mg/l	0.001		0.75	No
MW18	MW18-W-110306	11/3/2006	Ethylbenzene		0.0039	mg/l	0.001		0.75	No
MW19	MW19-W-110906	11/9/2006	Ethylbenzene		0.062	mg/l	0.001		0.75	No
MW21	MW21-W-110806	11/8/2006	Ethylbenzene		0.12	mg/l	0.001		0.75	No
MW22	MW22-W-110606	11/6/2006	Ethylbenzene		0.025	mg/l	0.005		0.75	No
MW23	MW23-W-110606	11/6/2006	Ethylbenzene		0.04	mg/l	0.001		0.75	No
MW24	MW24-W-110906	11/9/2006	Ethylbenzene		0.66	mg/l	0.02		0.75	No
MW25	MW25-W-111006	11/10/2006	Ethylbenzene		0.32	mg/l	0.005		0.75	No
MW29	MW29-W-110206	11/2/2006	Ethylbenzene		0.18	mg/l	0.001		0.75	No
MW30	MW30-W-110106	11/1/2006	Ethylbenzene	<	0.005	mg/l	0.005	U	0.75	No
MW31	MW31-W-110606	11/6/2006	Ethylbenzene		0.35	mg/l	0.01		0.75	No
MW32	MW32-W-110106	11/1/2006	Ethylbenzene		0.018	mg/l	0.005		0.75	No
MW34	MW34-W-110106	11/1/2006	Ethylbenzene		0.2	mg/l	0.005		0.75	No
MWD1	MWD1-W-110606	11/6/2006	Ethylbenzene		0.0031	mg/l	0.001		0.75	No
MWD2	MWD2-W-110606	11/6/2006	Ethylbenzene		0.0038	mg/l	0.001		0.75	No
MWD3	MWD3-W-110906	11/9/2006	Ethylbenzene		0.14	mg/l	0.005		0.75	No
MWD4	MWD4-W-110206	11/2/2006	Ethylbenzene		0.018	mg/l	0.001		0.75	No
MWD5	MWD5-W-110106	11/1/2006	Ethylbenzene	<	0.5	mg/l	0.5	U	0.75	No
MWD6	MWD6-W-110106	11/1/2006	Ethylbenzene		0.033	mg/l	0.001		0.75	No
MWD7	MWD7-W-110306	11/3/2006	Ethylbenzene		0.004	mg/l	0.001		0.75	No
MWD8	MWD8-W-110306	11/3/2006	Ethylbenzene		0.0043	mg/l	0.001		0.75	No
MWD10	MWD10-W-110906	11/9/2006	Ethylbenzene		0.15	mg/l	0.001		0.75	No
MWD11	MWD11-W-110606	11/6/2006	Ethylbenzene		0.0073	mg/l	0.001		0.75	No
MWD12	MWD12-W-110106	11/1/2006	Ethylbenzene		0.017	mg/l	0.001		0.75	No
MWD13	MWD13-W-110206	11/2/2006	Ethylbenzene		0.0088	mg/l	0.001		0.75	No
MWD14	MWD14-W-110806	11/8/2006	Ethylbenzene		0.034	mg/l	0.001		0.75	No
MWD15	MWD15-W-110606	11/6/2006	Ethylbenzene		0.49	mg/l	0.005		0.75	No
MWD16	MWD16-W-110806	11/8/2006	Ethylbenzene		0.48	mg/l	0.005		0.75	No
MWD17	MWD17-W-110606	11/6/2006	Ethylbenzene		0.058	mg/l	0.005		0.75	No
RW6	RW6-W-110806	11/8/2006	Ethylbenzene		0.003	mg/l	0.001		0.75	No
RW7	RW7-W-110806	11/8/2006	Ethylbenzene		0.0016	mg/l	0.001		0.75	No
RW8	RW8-W-110806	11/8/2006	Ethylbenzene		0.0089	mg/l	0.001		0.75	No
TMW1	TMW1-W-110606	11/6/2006	Ethylbenzene		0.01	mg/l	0.001		0.75	No
TMW3	TMW3-W-110906	11/9/2006	Ethylbenzene		0.017	mg/l	0.001		0.75	No
TMW5	TMW5-W-110906	11/9/2006	Ethylbenzene		0.23	mg/l	0.01		0.75	No
TMW6	TMW6-W-110906	11/9/2006	Ethylbenzene		0.14	mg/l	0.005		0.75	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Total Xylenes		5.7	mg/l	1.5		0.62	**Yes**
MW3	MW3-W-110606	11/6/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW4	MW4-W-110606	11/6/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW6	MW6-W-110206	11/2/2006	Total Xylenes		0.006	mg/l	0.003		0.62	No
MW7	MW7-W-110206	11/2/2006	Total Xylenes		0.0098	mg/l	0.003		0.62	No
MW8	MW8-W-110106	11/1/2006	Total Xylenes		0.0066	mg/l	0.003		0.62	No
MW9	MW9-W-110106	11/1/2006	Total Xylenes		0.083	mg/l	0.015		0.62	No
MW10	MW10-W-111006	11/10/2006	Total Xylenes		0.21	mg/l	0.075		0.62	No
MW11	MW11-W-111006	11/10/2006	Total Xylenes		0.46	mg/l	0.15		0.62	No
MW12	MW12-W-111006	11/10/2006	Total Xylenes		3.4	mg/l	0.6		0.62	**Yes**
MW13	MW13-W-110606	11/6/2006	Total Xylenes		0.0036	mg/l	0.003		0.62	No
MW14	MW14-W-110606	11/6/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW15	MW15-W-110106	11/1/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW16	MW16-W-110106	11/1/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW17	MW17-W-110306	11/3/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW18	MW18-W-110306	11/3/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MW19	MW19-W-110906	11/9/2006	Total Xylenes		0.051	mg/l	0.003		0.62	No
MW21	MW21-W-110806	11/8/2006	Total Xylenes		0.15	mg/l	0.003		0.62	No
MW22	MW22-W-110606	11/6/2006	Total Xylenes		0.016	mg/l	0.015		0.62	No
MW23	MW23-W-110606	11/6/2006	Total Xylenes		0.04	mg/l	0.003		0.62	No
MW24	MW24-W-110906	11/9/2006	Total Xylenes		0.64	mg/l	0.06		0.62	**Yes**
MW25	MW25-W-111006	11/10/2006	Total Xylenes		0.038	mg/l	0.015		0.62	No
MW29	MW29-W-110206	11/2/2006	Total Xylenes		0.17	mg/l	0.003		0.62	No
MW30	MW30-W-110106	11/1/2006	Total Xylenes	<	0.015	mg/l	0.015	U	0.62	No
MW31	MW31-W-110606	11/6/2006	Total Xylenes		0.035	mg/l	0.03		0.62	No
MW32	MW32-W-110106	11/1/2006	Total Xylenes		0.019	mg/l	0.015		0.62	No
MW34	MW34-W-110106	11/1/2006	Total Xylenes		0.25	mg/l	0.015		0.62	No
MWD1	MWD1-W-110606	11/6/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD2	MWD2-W-110606	11/6/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD3	MWD3-W-110906	11/9/2006	Total Xylenes		0.039	mg/l	0.015		0.62	No
MWD4	MWD4-W-110206	11/2/2006	Total Xylenes		0.015	mg/l	0.003		0.62	No
MWD5	MWD5-W-110106	11/1/2006	Total Xylenes	<	1.5	mg/l	1.5	U	0.62	No
MWD6	MWD6-W-110106	11/1/2006	Total Xylenes		0.0049	mg/l	0.003		0.62	No
MWD7	MWD7-W-110306	11/3/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD8	MWD8-W-110306	11/3/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD10	MWD10-W-110906	11/9/2006	Total Xylenes		0.054	mg/l	0.003		0.62	No
MWD11	MWD11-W-110606	11/6/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
MWD12	MWD12-W-110106	11/1/2006	Total Xylenes		0.0071	mg/l	0.003		0.62	No
MWD13	MWD13-W-110206	11/2/2006	Total Xylenes		0.0072	mg/l	0.003		0.62	No
MWD14	MWD14-W-110806	11/8/2006	Total Xylenes		0.026	mg/l	0.003		0.62	No
MWD15	MWD15-W-110606	11/6/2006	Total Xylenes		0.33	mg/l	0.015		0.62	No
MWD16	MWD16-W-110806	11/8/2006	Total Xylenes		0.28	mg/l	0.003		0.62	No
MWD17	MWD17-W-110606	11/6/2006	Total Xylenes		0.028	mg/l	0.015		0.62	No
RW6	RW6-W-110806	11/8/2006	Total Xylenes		0.0046	mg/l	0.003		0.62	No
RW7	RW7-W-110806	11/8/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
RW8	RW8-W-110806	11/8/2006	Total Xylenes		0.02	mg/l	0.003		0.62	No
TMW1	TMW1-W-110606	11/6/2006	Total Xylenes	<	0.003	mg/l	0.003	U	0.62	No
TMW3	TMW3-W-110906	11/9/2006	Total Xylenes		0.01	mg/l	0.003		0.62	No
TMW5	TMW5-W-110906	11/9/2006	Total Xylenes	<	0.03	mg/l	0.03	U	0.62	No
TMW6	TMW6-W-110906	11/9/2006	Total Xylenes		0.065	mg/l	0.015		0.62	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Chloride (titrimetric)		301	mg/l	40		250	Yes
MW3	MW3-W-110606	11/6/2006	Chloride (titrimetric)		169	mg/l	20		250	No
MW4	MW4-W-110606	11/6/2006	Chloride (titrimetric)		5130	mg/l	800		250	Yes
MW6	MW6-W-110206	11/2/2006	Chloride (titrimetric)		10400	mg/l	2000		250	Yes
MW7	MW7-W-110206	11/2/2006	Chloride (titrimetric)		95.2	mg/l	40		250	No
MW8	MW8-W-110106	11/1/2006	Chloride (titrimetric)		1980	mg/l	200		250	Yes
MW9	MW9-W-110106	11/1/2006	Chloride (titrimetric)		480	mg/l	40		250	Yes
MW10	MW10-W-111006	11/10/2006	Chloride (titrimetric)		596	mg/l	100		250	Yes
MW11	MW11-W-111006	11/10/2006	Chloride (titrimetric)		393	mg/l	40		250	Yes
MW12	MW12-W-111006	11/10/2006	Chloride (titrimetric)		1990	mg/l	200		250	Yes
MW13	MW13-W-110606	11/6/2006	Chloride (titrimetric)		385	mg/l	40		250	Yes
MW14	MW14-W-110606	11/6/2006	Chloride (titrimetric)		405	mg/l	40		250	Yes
MW15	MW15-W-110106	11/1/2006	Chloride (titrimetric)		2480	mg/l	200		250	Yes
MW16	MW16-W-110106	11/1/2006	Chloride (titrimetric)		2000	mg/l	200		250	Yes
MW17	MW17-W-110306	11/3/2006	Chloride (titrimetric)		4720	mg/l	800		250	Yes
MW18	MW18-W-110306	11/3/2006	Chloride (titrimetric)		3510	mg/l	200		250	Yes
MW19	MW19-W-110906	11/9/2006	Chloride (titrimetric)		3350	mg/l	200		250	Yes
MW21	MW21-W-110806	11/8/2006	Chloride (titrimetric)		1720	mg/l	200		250	Yes
MW22	MW22-W-110606	11/6/2006	Chloride (titrimetric)		7330	mg/l	800		250	Yes
MW23	MW23-W-110606	11/6/2006	Chloride (titrimetric)		6560	mg/l	800		250	Yes
MW24	MW24-W-110906	11/9/2006	Chloride (titrimetric)		355	mg/l	40		250	Yes
MW25	MW25-W-111006	11/10/2006	Chloride (titrimetric)		2680	mg/l	400		250	Yes
MW29	MW29-W-110206	11/2/2006	Chloride (titrimetric)		502	mg/l	100		250	Yes
MW30	MW30-W-110106	11/1/2006	Chloride (titrimetric)		358	mg/l	40		250	Yes
MW31	MW31-W-110606	11/6/2006	Chloride (titrimetric)		425	mg/l	40		250	Yes
MW32	MW32-W-110106	11/1/2006	Chloride (titrimetric)		1340	mg/l	200		250	Yes
MW34	MW34-W-110106	11/1/2006	Chloride (titrimetric)		618	mg/l	100		250	Yes
MWD1	MWD1-W-110606	11/6/2006	Chloride (titrimetric)		14000	mg/l	2000		250	Yes
MWD2	MWD2-W-110606	11/6/2006	Chloride (titrimetric)		24400	mg/l	2000		250	Yes
MWD3	MWD3-W-110906	11/9/2006	Chloride (titrimetric)		55300	mg/l	10000		250	Yes
MWD4	MWD4-W-110206	11/2/2006	Chloride (titrimetric)		228	mg/l	40		250	No
MWD5	MWD5-W-110106	11/1/2006	Chloride (titrimetric)		1260	mg/l	200		250	Yes
MWD6	MWD6-W-110106	11/1/2006	Chloride (titrimetric)		805	mg/l	100		250	Yes
MWD7	MWD7-W-110306	11/3/2006	Chloride (titrimetric)		7990	mg/l	800		250	Yes
MWD8	MWD8-W-110306	11/3/2006	Chloride (titrimetric)		12400	mg/l	800		250	Yes
MWD10	MWD10-W-110906	11/9/2006	Chloride (titrimetric)		7760	mg/l	2000		250	Yes
MWD11	MWD11-W-110606	11/6/2006	Chloride (titrimetric)		2640	mg/l	200		250	Yes
MWD12	MWD12-W-110106	11/1/2006	Chloride (titrimetric)		5860	mg/l	400		250	Yes
MWD13	MWD13-W-110206	11/2/2006	Chloride (titrimetric)		5520	mg/l	400		250	Yes
MWD14	MWD14-W-110806	11/8/2006	Chloride (titrimetric)		13400	mg/l	2000		250	Yes
MWD15	MWD15-W-110606	11/6/2006	Chloride (titrimetric)		10100	mg/l	800		250	Yes
MWD16	MWD16-W-110806	11/8/2006	Chloride (titrimetric)		5010	mg/l	400		250	Yes
MWD17	MWD17-W-110606	11/6/2006	Chloride (titrimetric)		41600	mg/l	2000		250	Yes
RW6	RW6-W-110806	11/8/2006	Chloride (titrimetric)		31800	mg/l	2000		250	Yes
RW7	RW7-W-110806	11/8/2006	Chloride (titrimetric)		50600	mg/l	10000		250	Yes
RW8	RW8-W-110806	11/8/2006	Chloride (titrimetric)		17500	mg/l	800		250	Yes
TMW1	TMW1-W-110606	11/6/2006	Chloride (titrimetric)		1240	mg/l	100		250	Yes
TMW3	TMW3-W-110906	11/9/2006	Chloride (titrimetric)		760	mg/l	200		250	Yes
TMW5	TMW5-W-110906	11/9/2006	Chloride (titrimetric)		4640	mg/l	800		250	Yes
TMW6	TMW6-W-110906	11/9/2006	Chloride (titrimetric)		539	mg/l	40		250	Yes

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Total Dissolved Solids		1650	mg/l	120		1000	Yes
MW3	MW3-W-110606	11/6/2006	Total Dissolved Solids		784	mg/l	60		1000	No
MW4	MW4-W-110606	11/6/2006	Total Dissolved Solids		10500	mg/l	1200		1000	Yes
MW6	MW6-W-110206	11/2/2006	Total Dissolved Solids		19300	mg/l	6000		1000	Yes
MW7	MW7-W-110206	11/2/2006	Total Dissolved Solids		856	mg/l	120		1000	No
MW8	MW8-W-110106	11/1/2006	Total Dissolved Solids		4950	mg/l	600		1000	Yes
MW9	MW9-W-110106	11/1/2006	Total Dissolved Solids		1630	mg/l	120		1000	Yes
MW10	MW10-W-111006	11/10/2006	Total Dissolved Solids		1830	mg/l	240		1000	Yes
MW11	MW11-W-111006	11/10/2006	Total Dissolved Solids		1560	mg/l	120		1000	Yes
MW12	MW12-W-111006	11/10/2006	Total Dissolved Solids		5050	mg/l	600		1000	Yes
MW13	MW13-W-110606	11/6/2006	Total Dissolved Solids		1150	mg/l	120		1000	Yes
MW14	MW14-W-110606	11/6/2006	Total Dissolved Solids		1420	mg/l	120		1000	Yes
MW15	MW15-W-110106	11/1/2006	Total Dissolved Solids		5330	mg/l	600		1000	Yes
MW16	MW16-W-110106	11/1/2006	Total Dissolved Solids		4430	mg/l	600		1000	Yes
MW17	MW17-W-110306	11/3/2006	Total Dissolved Solids		10100	mg/l	1200		1000	Yes
MW18	MW18-W-110306	11/3/2006	Total Dissolved Solids		6920	mg/l	600		1000	Yes
MW19	MW19-W-110906	11/9/2006	Total Dissolved Solids		7250	mg/l	600		1000	Yes
MW21	MW21-W-110806	11/8/2006	Total Dissolved Solids		3980	mg/l	600		1000	Yes
MW22	MW22-W-110606	11/6/2006	Total Dissolved Solids		11900	mg/l	2400		1000	Yes
MW23	MW23-W-110606	11/6/2006	Total Dissolved Solids		12600	mg/l	2400		1000	Yes
MW24	MW24-W-110906	11/9/2006	Total Dissolved Solids		1280	mg/l	120		1000	Yes
MW25	MW25-W-111006	11/10/2006	Total Dissolved Solids		8940	mg/l	1200		1000	Yes
MW29	MW29-W-110206	11/2/2006	Total Dissolved Solids		1700	mg/l	240		1000	Yes
MW30	MW30-W-110106	11/1/2006	Total Dissolved Solids		1260	mg/l	120		1000	Yes
MW31	MW31-W-110606	11/6/2006	Total Dissolved Solids		1250	mg/l	120		1000	Yes
MW32	MW32-W-110106	11/1/2006	Total Dissolved Solids		3910	mg/l	600		1000	Yes
MW34	MW34-W-110106	11/1/2006	Total Dissolved Solids		1930	mg/l	240		1000	Yes
MWD1	MWD1-W-110606	11/6/2006	Total Dissolved Solids		23700	mg/l	6000		1000	Yes
MWD2	MWD2-W-110606	11/6/2006	Total Dissolved Solids		32700	mg/l	6000		1000	Yes
MWD3	MWD3-W-110906	11/9/2006	Total Dissolved Solids		89000	mg/l	6000		1000	Yes
MWD4	MWD4-W-110206	11/2/2006	Total Dissolved Solids		1200	mg/l	120		1000	Yes
MWD5	MWD5-W-110106	11/1/2006	Total Dissolved Solids		3860	mg/l	600		1000	Yes
MWD6	MWD6-W-110106	11/1/2006	Total Dissolved Solids		2680	mg/l	240		1000	Yes
MWD7	MWD7-W-110306	11/3/2006	Total Dissolved Solids		17000	mg/l	2400		1000	Yes
MWD8	MWD8-W-110306	11/3/2006	Total Dissolved Solids		20300	mg/l	2400		1000	Yes
MWD10	MWD10-W-110906	11/9/2006	Total Dissolved Solids		13400	mg/l	2400		1000	Yes
MWD11	MWD11-W-110606	11/6/2006	Total Dissolved Solids		5110	mg/l	600		1000	Yes
MWD12	MWD12-W-110106	11/1/2006	Total Dissolved Solids		10600	mg/l	1200		1000	Yes
MWD13	MWD13-W-110206	11/2/2006	Total Dissolved Solids		11400	mg/l	1200		1000	Yes
MWD14	MWD14-W-110806	11/8/2006	Total Dissolved Solids		24600	mg/l	6000		1000	Yes
MWD15	MWD15-W-110606	11/6/2006	Total Dissolved Solids		16500	mg/l	2400		1000	Yes
MWD16	MWD16-W-110806	11/8/2006	Total Dissolved Solids		9220	mg/l	1200		1000	Yes
MWD17	MWD17-W-110606	11/6/2006	Total Dissolved Solids		71700	mg/l	6000		1000	Yes
RW6	RW6-W-110806	11/8/2006	Total Dissolved Solids		56200	mg/l	6000		1000	Yes
RW7	RW7-W-110806	11/8/2006	Total Dissolved Solids		87600	mg/l	12000		1000	Yes
RW8	RW8-W-110806	11/8/2006	Total Dissolved Solids		29200	mg/l	2400		1000	Yes
TMW1	TMW1-W-110606	11/6/2006	Total Dissolved Solids		2530	mg/l	240		1000	Yes
TMW3	TMW3-W-110906	11/9/2006	Total Dissolved Solids		2060	mg/l	240		1000	Yes
TMW5	TMW5-W-110906	11/9/2006	Total Dissolved Solids		8680	mg/l	1200		1000	Yes
TMW6	TMW6-W-110906	11/9/2006	Total Dissolved Solids		1720	mg/l	120		1000	Yes

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Arsenic		0.0274	mg/l	0.02		0.1	No
MW3	MW3-W-110606	11/6/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW4	MW4-W-110606	11/6/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW6	MW6-W-110206	11/2/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MW7	MW7-W-110206	11/2/2006	Arsenic		0.0225	mg/l	0.02		0.1	No
MW8	MW8-W-110106	11/1/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MW9	MW9-W-110106	11/1/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW10	MW10-W-111006	11/10/2006	Arsenic		0.0438	mg/l	0.02		0.1	No
MW11	MW11-W-111006	11/10/2006	Arsenic		0.0842	mg/l	0.02		0.1	No
MW12	MW12-W-111006	11/10/2006	Arsenic		0.29	mg/l	0.02		0.1	**Yes**
MW13	MW13-W-110606	11/6/2006	Arsenic		0.0272	mg/l	0.02		0.1	No
MW14	MW14-W-110606	11/6/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW15	MW15-W-110106	11/1/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MW16	MW16-W-110106	11/1/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW17	MW17-W-110306	11/3/2006	Arsenic		0.02	mg/l	0.02		0.1	No
MW18	MW18-W-110306	11/3/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MW19	MW19-W-110906	11/9/2006	Arsenic		0.0257	mg/l	0.02		0.1	No
MW21	MW21-W-110806	11/8/2006	Arsenic		0.0405	mg/l	0.02		0.1	No
MW22	MW22-W-110606	11/6/2006	Arsenic		0.026	mg/l	0.02		0.1	No
MW23	MW23-W-110606	11/6/2006	Arsenic		0.0517	mg/l	0.02		0.1	No
MW24	MW24-W-110906	11/9/2006	Arsenic		0.0314	mg/l	0.02		0.1	No
MW25	MW25-W-111006	11/10/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW29	MW29-W-110206	11/2/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW30	MW30-W-110106	11/1/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MW31	MW31-W-110606	11/6/2006	Arsenic		0.0394	mg/l	0.02		0.1	No
MW32	MW32-W-110106	11/1/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MW34	MW34-W-110106	11/1/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD1	MWD1-W-110606	11/6/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD2	MWD2-W-110606	11/6/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD3	MWD3-W-110906	11/9/2006	Arsenic		0.0346	mg/l	0.02		0.1	No
MWD4	MWD4-W-110206	11/2/2006	Arsenic		0.0333	mg/l	0.02		0.1	No
MWD5	MWD5-W-110106	11/1/2006	Arsenic		0.134	mg/l	0.1		0.1	**Yes**
MWD6	MWD6-W-110106	11/1/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD7	MWD7-W-110306	11/3/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD8	MWD8-W-110306	11/3/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MWD10	MWD10-W-110906	11/9/2006	Arsenic		0.0854	mg/l	0.02		0.1	No
MWD11	MWD11-W-110606	11/6/2006	Arsenic		0.0485	mg/l	0.02		0.1	No
MWD12	MWD12-W-110106	11/1/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MWD13	MWD13-W-110206	11/2/2006	Arsenic	<	0.1	mg/l	0.1	U	0.1	No
MWD14	MWD14-W-110806	11/8/2006	Arsenic		0.0566	mg/l	0.02		0.1	No
MWD15	MWD15-W-110606	11/6/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
MWD16	MWD16-W-110806	11/8/2006	Arsenic		0.0227	mg/l	0.02		0.1	No
MWD17	MWD17-W-110606	11/6/2006	Arsenic		0.0424	mg/l	0.02		0.1	No
RW6	RW6-W-110806	11/8/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
RW7	RW7-W-110806	11/8/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
RW8	RW8-W-110806	11/8/2006	Arsenic		0.0209	mg/l	0.02		0.1	No
TMW1	TMW1-W-110606	11/6/2006	Arsenic	<	0.02	mg/l	0.02	U	0.1	No
TMW3	TMW3-W-110906	11/9/2006	Arsenic		0.0728	mg/l	0.02		0.1	No
TMW5	TMW5-W-110906	11/9/2006	Arsenic		0.0736	mg/l	0.02		0.1	No
TMW6	TMW6-W-110906	11/9/2006	Arsenic		0.0978	mg/l	0.02		0.1	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Barium		1.53	mg/l	0.005		1.0	Yes
MW3	MW3-W-110606	11/6/2006	Barium		0.077	mg/l	0.005		1.0	No
MW4	MW4-W-110606	11/6/2006	Barium		0.0631	mg/l	0.005		1.0	No
MW6	MW6-W-110206	11/2/2006	Barium		0.0848	mg/l	0.025		1.0	No
MW7	MW7-W-110206	11/2/2006	Barium		0.835	mg/l	0.005		1.0	No
MW8	MW8-W-110106	11/1/2006	Barium		0.1	mg/l	0.025		1.0	No
MW9	MW9-W-110106	11/1/2006	Barium		15.8	mg/l	0.025		1.0	Yes
MW10	MW10-W-111006	11/10/2006	Barium		5.11	mg/l	0.005		1.0	Yes
MW11	MW11-W-111006	11/10/2006	Barium		1.27	mg/l	0.005		1.0	Yes
MW12	MW12-W-111006	11/10/2006	Barium		0.808	mg/l	0.005		1.0	No
MW13	MW13-W-110606	11/6/2006	Barium		2.81	mg/l	0.005		1.0	Yes
MW14	MW14-W-110606	11/6/2006	Barium		0.0648	mg/l	0.005		1.0	No
MW15	MW15-W-110106	11/1/2006	Barium		0.0443	mg/l	0.025		1.0	No
MW16	MW16-W-110106	11/1/2006	Barium		0.0492	mg/l	0.005		1.0	No
MW17	MW17-W-110306	11/3/2006	Barium		0.0449	mg/l	0.005		1.0	No
MW18	MW18-W-110306	11/3/2006	Barium		0.114	mg/l	0.025		1.0	No
MW19	MW19-W-110906	11/9/2006	Barium		0.545	mg/l	0.005		1.0	No
MW21	MW21-W-110806	11/8/2006	Barium		0.783	mg/l	0.005		1.0	No
MW22	MW22-W-110606	11/6/2006	Barium		0.751	mg/l	0.005		1.0	No
MW23	MW23-W-110606	11/6/2006	Barium		1.98	mg/l	0.005		1.0	Yes
MW24	MW24-W-110906	11/9/2006	Barium		3.74	mg/l	0.005		1.0	Yes
MW25	MW25-W-111006	11/10/2006	Barium		0.412	mg/l	0.005		1.0	No
MW29	MW29-W-110206	11/2/2006	Barium		4.69	mg/l	0.005		1.0	Yes
MW30	MW30-W-110106	11/1/2006	Barium		9.19	mg/l	0.005		1.0	Yes
MW31	MW31-W-110606	11/6/2006	Barium		8.36	mg/l	0.005		1.0	Yes
MW32	MW32-W-110106	11/1/2006	Barium		3.08	mg/l	0.025		1.0	Yes
MW34	MW34-W-110106	11/1/2006	Barium		8.29	mg/l	0.005		1.0	Yes
MWD1	MWD1-W-110606	11/6/2006	Barium		0.0876	mg/l	0.005		1.0	No
MWD2	MWD2-W-110606	11/6/2006	Barium		0.12	mg/l	0.005		1.0	No
MWD3	MWD3-W-110906	11/9/2006	Barium		0.278	mg/l	0.005		1.0	No
MWD4	MWD4-W-110206	11/2/2006	Barium		0.926	mg/l	0.005		1.0	No
MWD5	MWD5-W-110106	11/1/2006	Barium		3.79	mg/l	0.025		1.0	Yes
MWD6	MWD6-W-110106	11/1/2006	Barium		0.543	mg/l	0.005		1.0	No
MWD7	MWD7-W-110306	11/3/2006	Barium		0.0388	mg/l	0.005		1.0	No
MWD8	MWD8-W-110306	11/3/2006	Barium		0.109	mg/l	0.025		1.0	No
MWD10	MWD10-W-110906	11/9/2006	Barium		1.11	mg/l	0.005		1.0	Yes
MWD11	MWD11-W-110606	11/6/2006	Barium		1.21	mg/l	0.005		1.0	Yes
MWD12	MWD12-W-110106	11/1/2006	Barium		0.411	mg/l	0.025		1.0	No
MWD13	MWD13-W-110206	11/2/2006	Barium		0.0367	mg/l	0.025		1.0	No
MWD14	MWD14-W-110806	11/8/2006	Barium		0.142	mg/l	0.005		1.0	No
MWD15	MWD15-W-110606	11/6/2006	Barium		2.3	mg/l	0.005		1.0	Yes
MWD16	MWD16-W-110806	11/8/2006	Barium		1.43	mg/l	0.005		1.0	Yes
MWD17	MWD17-W-110606	11/6/2006	Barium		0.541	mg/l	0.005		1.0	No
RW6	RW6-W-110806	11/8/2006	Barium		0.458	mg/l	0.005		1.0	No
RW7	RW7-W-110806	11/8/2006	Barium		0.0703	mg/l	0.005		1.0	No
RW8	RW8-W-110806	11/8/2006	Barium		0.253	mg/l	0.005		1.0	No
TMW1	TMW1-W-110606	11/6/2006	Barium	<	0.005	mg/l	0.005	U	1.0	No
TMW3	TMW3-W-110906	11/9/2006	Barium		1.73	mg/l	0.005		1.0	Yes
TMW5	TMW5-W-110906	11/9/2006	Barium		0.849	mg/l	0.005		1.0	No
TMW6	TMW6-W-110906	11/9/2006	Barium		1.25	mg/l	0.005		1.0	Yes

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW3	MW3-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW4	MW4-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW6	MW6-W-110206	11/2/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MW7	MW7-W-110206	11/2/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW8	MW8-W-110106	11/1/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MW9	MW9-W-110106	11/1/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW10	MW10-W-111006	11/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW11	MW11-W-111006	11/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW12	MW12-W-111006	11/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW13	MW13-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW14	MW14-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW15	MW15-W-110106	11/1/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MW16	MW16-W-110106	11/1/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW17	MW17-W-110306	11/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW18	MW18-W-110306	11/3/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MW19	MW19-W-110906	11/9/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW21	MW21-W-110806	11/8/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW22	MW22-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW23	MW23-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW24	MW24-W-110906	11/9/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW25	MW25-W-111006	11/10/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW29	MW29-W-110206	11/2/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW30	MW30-W-110106	11/1/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW31	MW31-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MW32	MW32-W-110106	11/1/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MW34	MW34-W-110106	11/1/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD1	MWD1-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD2	MWD2-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD3	MWD3-W-110906	11/9/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD4	MWD4-W-110206	11/2/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD5	MWD5-W-110106	11/1/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MWD6	MWD6-W-110106	11/1/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD7	MWD7-W-110306	11/3/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD8	MWD8-W-110306	11/3/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MWD10	MWD10-W-110906	11/9/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD11	MWD11-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD12	MWD12-W-110106	11/1/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MWD13	MWD13-W-110206	11/2/2006	Cadmium	<	0.025	mg/l	0.025	U	0.01	No
MWD14	MWD14-W-110806	11/8/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD15	MWD15-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD16	MWD16-W-110806	11/8/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
MWD17	MWD17-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
RW6	RW6-W-110806	11/8/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
RW7	RW7-W-110806	11/8/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
RW8	RW8-W-110806	11/8/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
TMW1	TMW1-W-110606	11/6/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
TMW3	TMW3-W-110906	11/9/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
TMW5	TMW5-W-110906	11/9/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No
TMW6	TMW6-W-110906	11/9/2006	Cadmium	<	0.005	mg/l	0.005	U	0.01	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW3	MW3-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW4	MW4-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW6	MW6-W-110206	11/2/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MW7	MW7-W-110206	11/2/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW8	MW8-W-110106	11/1/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MW9	MW9-W-110106	11/1/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW10	MW10-W-111006	11/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW11	MW11-W-111006	11/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW12	MW12-W-111006	11/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW13	MW13-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW14	MW14-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW15	MW15-W-110106	11/1/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MW16	MW16-W-110106	11/1/2006	Chromium		0.171	mg/l	0.015		0.05	**Yes**
MW17	MW17-W-110306	11/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW18	MW18-W-110306	11/3/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MW19	MW19-W-110906	11/9/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW21	MW21-W-110806	11/8/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW22	MW22-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW23	MW23-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW24	MW24-W-110906	11/9/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW25	MW25-W-111006	11/10/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW29	MW29-W-110206	11/2/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW30	MW30-W-110106	11/1/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW31	MW31-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MW32	MW32-W-110106	11/1/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MW34	MW34-W-110106	11/1/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD1	MWD1-W-110606	11/6/2006	Chromium		0.0161	mg/l	0.015		0.05	No
MWD2	MWD2-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD3	MWD3-W-110906	11/9/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD4	MWD4-W-110206	11/2/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD5	MWD5-W-110106	11/1/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MWD6	MWD6-W-110106	11/1/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD7	MWD7-W-110306	11/3/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD8	MWD8-W-110306	11/3/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MWD10	MWD10-W-110906	11/9/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD11	MWD11-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD12	MWD12-W-110106	11/1/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MWD13	MWD13-W-110206	11/2/2006	Chromium	<	0.075	mg/l	0.075	U	0.05	No
MWD14	MWD14-W-110806	11/8/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD15	MWD15-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD16	MWD16-W-110806	11/8/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
MWD17	MWD17-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
RW6	RW6-W-110806	11/8/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
RW7	RW7-W-110806	11/8/2006	Chromium		0.0158	mg/l	0.015		0.05	No
RW8	RW8-W-110806	11/8/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
TMW1	TMW1-W-110606	11/6/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
TMW3	TMW3-W-110906	11/9/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
TMW5	TMW5-W-110906	11/9/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No
TMW6	TMW6-W-110906	11/9/2006	Chromium	<	0.015	mg/l	0.015	U	0.05	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW3	MW3-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW4	MW4-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW6	MW6-W-110206	11/2/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MW7	MW7-W-110206	11/2/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW8	MW8-W-110106	11/1/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MW9	MW9-W-110106	11/1/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW10	MW10-W-111006	11/10/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW11	MW11-W-111006	11/10/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW12	MW12-W-111006	11/10/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW13	MW13-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW14	MW14-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW15	MW15-W-110106	11/1/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MW16	MW16-W-110106	11/1/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW17	MW17-W-110306	11/3/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW18	MW18-W-110306	11/3/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MW19	MW19-W-110906	11/9/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW21	MW21-W-110806	11/8/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW22	MW22-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW23	MW23-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW24	MW24-W-110906	11/9/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW25	MW25-W-111006	11/10/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW29	MW29-W-110206	11/2/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW30	MW30-W-110106	11/1/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW31	MW31-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MW32	MW32-W-110106	11/1/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MW34	MW34-W-110106	11/1/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD1	MWD1-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD2	MWD2-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD3	MWD3-W-110906	11/9/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD4	MWD4-W-110206	11/2/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD5	MWD5-W-110106	11/1/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MWD6	MWD6-W-110106	11/1/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD7	MWD7-W-110306	11/3/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD8	MWD8-W-110306	11/3/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MWD10	MWD10-W-110906	11/9/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD11	MWD11-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD12	MWD12-W-110106	11/1/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MWD13	MWD13-W-110206	11/2/2006	Lead	<	0.075	mg/l	0.075	U	0.05	No
MWD14	MWD14-W-110806	11/8/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD15	MWD15-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD16	MWD16-W-110806	11/8/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
MWD17	MWD17-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
RW6	RW6-W-110806	11/8/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
RW7	RW7-W-110806	11/8/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
RW8	RW8-W-110806	11/8/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
TMW1	TMW1-W-110606	11/6/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
TMW3	TMW3-W-110906	11/9/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
TMW5	TMW5-W-110906	11/9/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No
TMW6	TMW6-W-110906	11/9/2006	Lead	<	0.015	mg/l	0.015	U	0.05	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW3	MW3-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW4	MW4-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW6	MW6-W-110206	11/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW7	MW7-W-110206	11/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW8	MW8-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW9	MW9-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW10	MW10-W-111006	11/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW11	MW11-W-111006	11/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW12	MW12-W-111006	11/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW13	MW13-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW14	MW14-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW15	MW15-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW16	MW16-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW17	MW17-W-110306	11/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW18	MW18-W-110306	11/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW19	MW19-W-110906	11/9/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW21	MW21-W-110806	11/8/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW22	MW22-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW23	MW23-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW24	MW24-W-110906	11/9/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW25	MW25-W-111006	11/10/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW29	MW29-W-110206	11/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW30	MW30-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW31	MW31-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW32	MW32-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MW34	MW34-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD1	MWD1-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD2	MWD2-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD3	MWD3-W-110906	11/9/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD4	MWD4-W-110206	11/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD5	MWD5-W-110106	11/1/2006	Mercury		0.00024	mg/l	0.0002		0.002	No
MWD6	MWD6-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD7	MWD7-W-110306	11/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD8	MWD8-W-110306	11/3/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD10	MWD10-W-110906	11/9/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD11	MWD11-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD12	MWD12-W-110106	11/1/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD13	MWD13-W-110206	11/2/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD14	MWD14-W-110806	11/8/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD15	MWD15-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD16	MWD16-W-110806	11/8/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
MWD17	MWD17-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
RW6	RW6-W-110806	11/8/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
RW7	RW7-W-110806	11/8/2006	Mercury		0.00021	mg/l	0.0002		0.002	No
RW8	RW8-W-110806	11/8/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
TMW1	TMW1-W-110606	11/6/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
TMW3	TMW3-W-110906	11/9/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
TMW5	TMW5-W-110906	11/9/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No
TMW6	TMW6-W-110906	11/9/2006	Mercury	<	0.0002	mg/l	0.0002	U	0.002	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW3	MW3-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW4	MW4-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW6	MW6-W-110206	11/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW7	MW7-W-110206	11/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW8	MW8-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW9	MW9-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW10	MW10-W-111006	11/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW11	MW11-W-111006	11/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW12	MW12-W-111006	11/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW13	MW13-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW14	MW14-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW15	MW15-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW16	MW16-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW17	MW17-W-110306	11/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW18	MW18-W-110306	11/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW19	MW19-W-110906	11/9/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW21	MW21-W-110806	11/8/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW22	MW22-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW23	MW23-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW24	MW24-W-110906	11/9/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW25	MW25-W-111006	11/10/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW29	MW29-W-110206	11/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW30	MW30-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW31	MW31-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW32	MW32-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MW34	MW34-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD1	MWD1-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD2	MWD2-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD3	MWD3-W-110906	11/9/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD4	MWD4-W-110206	11/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD5	MWD5-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD6	MWD6-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD7	MWD7-W-110306	11/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD8	MWD8-W-110306	11/3/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD10	MWD10-W-110906	11/9/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD11	MWD11-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD12	MWD12-W-110106	11/1/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD13	MWD13-W-110206	11/2/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD14	MWD14-W-110806	11/8/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD15	MWD15-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD16	MWD16-W-110806	11/8/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
MWD17	MWD17-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
RW6	RW6-W-110806	11/8/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
RW7	RW7-W-110806	11/8/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
RW8	RW8-W-110806	11/8/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
TMW1	TMW1-W-110606	11/6/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
TMW3	TMW3-W-110906	11/9/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
TMW5	TMW5-W-110906	11/9/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No
TMW6	TMW6-W-110906	11/9/2006	Selenium	<	0.02	mg/l	0.02	U	0.05	No

Table 2d: Summary of Fourth Quarter 2006 Groundwater Sampling Results
Eunice South Gas Plant

Location ID	Sample ID	Sample Date	Analyte	Less Than DL	Results	Units	Detection Limit	Qualifier	WQCC Human Health Standard (mg/l)*	Exceed WQCC standard?
MW1	MW1-W-111006	11/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW3	MW3-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW4	MW4-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW6	MW6-W-110206	11/2/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MW7	MW7-W-110206	11/2/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW8	MW8-W-110106	11/1/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MW9	MW9-W-110106	11/1/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW10	MW10-W-111006	11/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW11	MW11-W-111006	11/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW12	MW12-W-111006	11/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW13	MW13-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW14	MW14-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW15	MW15-W-110106	11/1/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MW16	MW16-W-110106	11/1/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW17	MW17-W-110306	11/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW18	MW18-W-110306	11/3/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MW19	MW19-W-110906	11/9/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW21	MW21-W-110806	11/8/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW22	MW22-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW23	MW23-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW24	MW24-W-110906	11/9/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW25	MW25-W-111006	11/10/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW29	MW29-W-110206	11/2/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW30	MW30-W-110106	11/1/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW31	MW31-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MW32	MW32-W-110106	11/1/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MW34	MW34-W-110106	11/1/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD1	MWD1-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD2	MWD2-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD3	MWD3-W-110906	11/9/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD4	MWD4-W-110206	11/2/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD5	MWD5-W-110106	11/1/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MWD6	MWD6-W-110106	11/1/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD7	MWD7-W-110306	11/3/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD8	MWD8-W-110306	11/3/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MWD10	MWD10-W-110906	11/9/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD11	MWD11-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD12	MWD12-W-110106	11/1/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MWD13	MWD13-W-110206	11/2/2006	Silver	<	0.025	mg/l	0.025	U	0.05	No
MWD14	MWD14-W-110806	11/8/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD15	MWD15-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD16	MWD16-W-110806	11/8/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
MWD17	MWD17-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
RW6	RW6-W-110806	11/8/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
RW7	RW7-W-110806	11/8/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
RW8	RW8-W-110806	11/8/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
TMW1	TMW1-W-110606	11/6/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
TMW3	TMW3-W-110906	11/9/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
TMW5	TMW5-W-110906	11/9/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No
TMW6	TMW6-W-110906	11/9/2006	Silver	<	0.005	mg/l	0.005	U	0.05	No

Notes:
DL = Detection Limit
WQCC = Water Quality Control Commission
*No Human Health Standards exist for chloride or TDS; therefore, these concentrations are compared to the Domestic Water Supply Standards.
mg/l = milligrams per liter
U = Not detected

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MW-1	9/10/1996	7.37	NP	NP	NP
	11/10/2006	69	19	3	5.7
MW-3	5/28/1997	0.029	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	0.0065	NP	NP	NP
	4/15/2002	0.0135	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/22/2003	ND	NP	NP	NP
	10/21/2003	ND	NP	NP	NP
	4/20/2004	<0.00100	NP	NP	NP
	11/3/2005	<0.00100	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	12/1/2005	0.0033	<0.001	<0.001	<0.003
	5/17/2006	0.079	0.0032	0.019	0.016
	11/6/2006	0.02	<0.001	0.011	<0.003
MW-4	5/28/1997	0.047	NP	NP	NP
	8/23/2000	0.052	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	0.0304	NP	NP	NP
	4/15/2002	0.0344	NP	NP	NP
	9/13/2002	0.0213	NP	NP	NP
	4/24/2003	0.0090	NP	NP	NP
	10/23/2003	0.0063	NP	NP	NP
	2/20/2004	0.2300	NP	NP	NP
	4/21/2004	0.0254	NP	NP	NP
	7/26/2004	0.0625	NP	NP	NP
	11/5/2004	0.153	NP	NP	NP
	2/14/2005	0.0164	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	9/11/2005	0.026	<0.001	<0.001	<0.003
	12/1/2005	<0.001	<0.001	<0.001	<0.003
	2/28/2006	0.024	<0.001	<0.001	<0.003
	5/17/2006	0.35	0.0085	0.044	0.038
	8/10/2006	0.053	<0.001	0.0074	0.0049
	11/6/2006	0.017	<0.001	0.005	<0.003
MW-5	5/28/1997	1.7	NP	NP	NP
MW-6	5/28/1997	0.002	NP	NP	NP
	8/23/2000	0.012	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	0.036	NP	NP	NP
	4/15/2002	0.143	NP	NP	NP
	9/13/2002	0.0066	NP	NP	NP
	4/24/2003	0.001	NP	NP	NP
	10/23/2003	ND	NP	NP	NP
	4/22/2004	0.0013	NP	NP	NP
	11/5/2004	0.0021	NP	NP	NP
	5/16/2005	0.0018	NP	NP	NP
	11/29/2005	<0.001	<0.001	<0.001	<0.003
	5/3/2006	0.0075	<0.001	0.0018	<0.003
	11/2/2006	0.0094	<0.001	0.0077	0.006

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MW-7	5/28/1997	0.002	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	ND	NP	NP	NP
	4/15/2002	ND	NP	NP	NP
	9/13/2002	0.0067	NP	NP	NP
	4/24/2003	ND	NP	NP	NP
	10/24/2003	ND	NP	NP	NP
	4/22/2004	<0.005	NP	NP	NP
	11/5/2004	<0.00100	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/29/2005	<0.001	<0.001	<0.001	<0.003
	5/3/2006	0.007	<0.001	0.0038	0.0051
	11/2/2006	0.0099	<0.001	0.013	0.0098
MW-8	5/28/1997	0.003	NP	NP	NP
	8/23/2000	0.002	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	0.006	NP	NP	NP
	4/15/2002	ND	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/22/2003	ND	NP	NP	NP
	10/21/2003	ND	NP	NP	NP
	4/20/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/29/2005	<0.001	<0.001	<0.001	<0.003
	5/3/2006	<0.001	<0.001	<0.001	<0.003
	11/1/2006	0.03	0.0012	0.011	0.0066
MW-9	5/28/1997	7.9	NP	NP	NP
	8/23/2000	5.28	NP	NP	NP
	3/22/2001	9	NP	NP	NP
	10/16/2001	6.03	NP	NP	NP
	4/15/2002	7.59	NP	NP	NP
	9/13/2002	6.72	NP	NP	NP
	4/30/2003	6.41	NP	NP	NP
	10/28/2003	8.51	NP	NP	NP
	4/26/2004	6.00	NP	NP	NP
	11/9/2004	8.79	NP	NP	NP
	5/16/2005	5.96	NP	NP	NP
	12/13/2005	4.80	<0.05	0.45	<0.15
	5/12/2006	7.6	0.12	0.7	0.19
	11/1/2006	8.7	0.014	0.51	0.083
MW-10	5/28/1997	4.1	NP	NP	NP
	8/23/2000	10.7	NP	NP	NP
	3/22/2001	9.22	NP	NP	NP
	10/16/2001	11	NP	NP	NP
	4/15/2002	15.8	NP	NP	NP
	9/13/2002	52.4	NP	NP	NP
	4/28/2003	32.7	NP	NP	NP
	10/27/2003	41.6	NP	NP	NP
	4/26/2004	33.8	NP	NP	NP
	11/11/2004	37.6	NP	NP	NP
	11/10/2006	21	0.19	0.68	0.21

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MW-11	5/28/1997	30.0	NP	NP	NP
	8/23/2000	35.6	NP	NP	NP
	3/22/2001	46.6	NP	NP	NP
	10/16/2001	44.0	NP	NP	NP
	4/15/2002	39.6	NP	NP	NP
	9/13/2002	41.9	NP	NP	NP
	4/28/2003	25.9	NP	NP	NP
	10/27/2003	43.1	NP	NP	NP
	4/26/2004	58.1	NP	NP	NP
	11/11/2004	26.9	NP	NP	NP
	5/16/2005	36.1	NP	NP	NP
	12/19/2005	16	0.12	0.52	0.28
	5/17/2006	15	0.04	0.44	0.15
	11/10/2006	39	0.45	0.7	0.46
MW-12	5/28/1997	13.3	NP	NP	NP
	8/23/2000	91.5	NP	NP	NP
	3/22/2001	95.7	NP	NP	NP
	10/16/2001	6.71	NP	NP	NP
	4/15/2002	71.7	NP	NP	NP
	9/13/2002	70.2	NP	NP	NP
	4/30/2003	52.4	NP	NP	NP
	10/28/2003	50.2	NP	NP	NP
	4/26/2004	36.0	NP	NP	NP
	11/10/2006	44	5.6	2.7	3.4
MW-13	12/7/1998	ND	NP	NP	NP
	8/23/2000	0.085	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	0.69	NP	NP	NP
	4/15/2002	0.0151	NP	NP	NP
	9/13/2002	0.0254	NP	NP	NP
	4/21/2003	ND	NP	NP	NP
	10/21/2003	0.0108	NP	NP	NP
	4/20/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/30/2005	0.0014	<0.001	<0.001	<0.003
	5/4/2006	0.11	<0.001	<0.001	<0.003
	11/6/2006	0.13	<0.001	0.021	0.0036
MW-14	12/7/1998	ND	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	ND	NP	NP	NP
	4/15/2002	0.011	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/21/2003	ND	NP	NP	NP
	10/21/2003	ND	NP	NP	NP
	4/20/2004	<0.00100	NP	NP	NP
	11/2/2004	<0.00100	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/30/2005	<0.001	<0.001	<0.001	<0.003
	5/4/2006	<0.001	<0.001	<0.001	<0.003
	11/6/2006	0.0045	<0.001	0.0025	<0.003

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MW-15	12/7/1998	0.008	NP	NP	NP
	8/23/2000	0.004	NP	NP	NP
	3/22/2001	0.002	NP	NP	NP
	10/16/2001	0.03	NP	NP	NP
	4/15/2002	0.0052	NP	NP	NP
	9/13/2002	0.0054	NP	NP	NP
	4/21/2003	0.0013	NP	NP	NP
	10/21/2003	ND	NP	NP	NP
	4/20/2004	<0.00500	NP	NP	NP
	11/11/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/30/2005	0.0024	<0.001	<0.001	<0.003
	11/1/2006	0.0054	<0.001	<0.001	<0.003
MW-16	12/7/1998	ND	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	ND	NP	NP	NP
	4/15/2002	0.0052	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/21/2003	ND	NP	NP	NP
	10/20/2003	ND	NP	NP	NP
	4/20/2004	<0.00100	NP	NP	NP
	11/11/2004	0.00660	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/30/2005	<0.001	<0.001	<0.001	<0.003
	11/1/2006	<0.001	<0.001	<0.001	<0.003
MW-17	12/7/1998	ND	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	3/22/2001	ND	NP	NP	NP
	10/16/2001	0.008	NP	NP	NP
	4/15/2002	ND	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/22/2003	ND	NP	NP	NP
	10/22/2003	ND	NP	NP	NP
	4/21/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	12/1/2005	<0.001	<0.001	<0.001	<0.003
	5/10/2006	<0.001	<0.001	<0.001	<0.003
	11/3/2006	0.0035	<0.001	0.0031	<0.003
MW-18	12/7/1998	ND	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	3/22/2001	0.036	NP	NP	NP
	10/16/2001	0.007	NP	NP	NP
	4/15/2002	ND	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/22/2003	0.001	NP	NP	NP
	10/22/2003	ND	NP	NP	NP
	4/21/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	12/1/2005	0.0016	<0.001	<0.001	<0.003
	5/17/2006	0.089	0.0035	0.021	0.019
	11/3/2006	0.0047	<0.001	0.0039	<0.003

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MW-19	8/23/2000	0.94	NP	NP	NP
	3/22/2001	0.973	NP	NP	NP
	10/16/2001	0.85	NP	NP	NP
	4/15/2002	0.71	NP	NP	NP
	9/13/2002	0.437	NP	NP	NP
	4/22/2003	0.467	NP	NP	NP
	10/22/2003	0.552	NP	NP	NP
	2/20/2004	0.753	NP	NP	NP
	4/22/2004	0.558	NP	NP	NP
	7/26/2004	0.691	NP	NP	NP
	11/9/2004	0.758	NP	NP	NP
	11/9/2006	0.77	0.0017	0.062	0.051
MW-21	4/26/2004	0.613	NP	NP	NP
	12/19/2005	0.83	0.038	0.10	0.15
	11/8/2006	1.5	0.035	0.12	0.15
MW-22	8/23/2000	0.403	NP	NP	NP
	3/22/2001	0.793	NP	NP	NP
	10/16/2001	1.110	NP	NP	NP
	4/15/2002	0.971	NP	NP	NP
	9/13/2002	0.730	NP	NP	NP
	4/28/2003	1.100	NP	NP	NP
	10/24/2003	0.986	NP	NP	NP
	4/22/2004	1.25	NP	NP	NP
	11/9/2004	0.340	NP	NP	NP
	5/16/2005	0.283	NP	NP	NP
	12/2/2005	0.280	<0.001	0.0026	<0.003
	5/11/2006	0.65	<0.001	0.009	0.0046
	11/6/2006	1	<0.005	0.025	0.016
MW-23	8/23/2000	0.006	NP	NP	NP
	3/22/2001	0.029	NP	NP	NP
	10/16/2001	0.012	NP	NP	NP
	4/15/2002	0.0098	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/23/2003	ND	NP	NP	NP
	10/24/2003	0.0173	NP	NP	NP
	4/22/2004	0.005	NP	NP	NP
	11/9/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.005	NP	NP	NP
	12/1/2005	<0.001	<0.001	<0.001	<0.003
	5/11/2006	<0.001	<0.001	<0.001	<0.003
	11/6/2006	0.0079	0.0019	0.04	0.04
MW-24	10/16/2001	32.9	NP	NP	NP
	4/15/2002	32.4	NP	NP	NP
	9/13/2002	39.7	NP	NP	NP
	4/28/2003	37.7	NP	NP	NP
	10/27/2003	26.6	NP	NP	NP
	4/23/2004	23.4	NP	NP	NP
	11/9/2004	18.5	NP	NP	NP
	5/16/2005	12.6	NP	NP	NP
	12/19/2005	15	0.33	0.49	0.66
	5/17/2006	16	0.11	0.65	0.79
	11/9/2006	14	0.12	0.66	0.64

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MW-25	10/16/2001	2.87	NP	NP	NP
	4/15/2002	2.43	NP	NP	NP
	9/13/2002	2.61	NP	NP	NP
	4/28/2003	4.49	NP	NP	NP
	10/27/2003	2.72	NP	NP	NP
	4/23/2004	2.76	NP	NP	NP
	11/9/2004	2.12	NP	NP	NP
	5/16/2005	3.03	NP	NP	NP
	12/14/2005	3.4	<0.01	0.28	<0.03
	5/12/2006	3.7	<0.005	0.36	0.024
	11/10/2006	4.2	0.0068	0.32	0.038
MW-26	10/16/2001	7.69	NP	NP	NP
	4/15/2002	6.76	NP	NP	NP
	9/13/2002	7.72	NP	NP	NP
	4/30/2003	7.99	NP	NP	NP
	10/27/2003	5.78	NP	NP	NP
	4/23/2004	6.78	NP	NP	NP
	11/11/2004	6.02	NP	NP	NP
	5/16/2005	3.81	NP	NP	NP
	12/14/2005	5.4	<0.01	0.17	0.031
	5/12/2006	3.4	0.061	0.25	0.064
MW-27	10/16/2001	7.59	NP	NP	NP
	4/15/2002	12.8	NP	NP	NP
	9/13/2002	13.0	NP	NP	NP
	4/30/2003	21.2	NP	NP	NP
	10/27/2003	11.2	NP	NP	NP
	4/23/2004	14.4	NP	NP	NP
	11/11/2004	14.1	NP	NP	NP
	5/16/2005	12.1	NP	NP	NP
	12/14/2005	7.4	0.25	0.28	<0.3
	5/12/2006	12	0.17	0.48	<0.3
MW-28	10/16/2001	15.5	NP	NP	NP
	4/15/2002	24.8	NP	NP	NP
	9/13/2002	37.0	NP	NP	NP
MW-29	11/8/2004	<0.00100	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/29/2005	0.021	0.0016	0.01	0.0086
	5/2/2006	0.092	0.0054	0.13	0.099
	11/2/2006	0.12	0.0053	0.18	0.17
MW-30	11/5/2004	<0.00100	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/29/2005	0.023	<0.001	<0.001	<0.003
	5/2/2006	0.13	<0.001	0.0056	0.0045
	11/1/2006	0.2	<0.005	<0.005	<0.015
MW-31	11/8/2004	0.367	NP	NP	NP
	5/16/2005	1.16	NP	NP	NP
	11/30/2005	1.4	<0.001	0.14	0.006
	5/4/2006	2.7	<0.001	0.33	0.016
	11/6/2006	2.5	<0.01	0.35	0.035
MW-32	2/28/2006	0.094	<0.001	0.01	0.008
	5/3/2006	0.013	<0.001	0.0086	0.011
	11/1/2006	0.06	<0.005	0.018	0.019
MW-34	2/28/2006	3.6	<0.005	0.31	0.410
	5/3/2006	2.6	<0.01	0.29	0.44
	11/1/2006	2.6	<0.005	0.2	0.25

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MWD-1	10/16/2001	0.006	NP	NP	NP
	4/15/2002	0.0025	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/23/2003	0.0011	NP	NP	NP
	10/23/2003	ND	NP	NP	NP
	4/21/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00100	NP	NP	NP
	5/16/2005	<0.005	NP	NP	NP
	12/1/2005	<0.001	<0.001	<0.001	<0.003
	5/10/2006	0.0022	<0.001	<0.001	<0.003
	11/6/2006	0.0051	<0.001	0.0031	<0.003
MWD-2	10/16/2001	0.0076	NP	NP	NP
	4/15/2002	0.0012	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/24/2003	0.0045	NP	NP	NP
	10/23/2003	ND	NP	NP	NP
	4/21/2004	0.001	NP	NP	NP
	11/3/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	12/1/2005	<0.001	<0.001	<0.001	0.0044
	5/17/2006	0.054	0.0027	0.012	0.01
	11/6/2006	0.0081	<0.001	0.0038	<0.003
MWD-3	10/16/2001	0.329	NP	NP	NP
	4/15/2002	0.785	NP	NP	NP
	9/13/2002	0.656	NP	NP	NP
	4/28/2003	0.928	NP	NP	NP
	10/28/2003	0.78	NP	NP	NP
	2/20/2004	0.43	NP	NP	NP
	4/22/2004	1.11	NP	NP	NP
	7/26/2004	0.644	NP	NP	NP
	11/9/2004	0.576	NP	NP	NP
	2/14/2005	0.631	NP	NP	NP
	5/16/2005	0.45	NP	NP	NP
	9/12/2005	0.8	0.011	0.11	<0.015
	2/28/2006	1	0.012	0.13	0.04
	5/11/2006	0.63	0.0097	0.21	0.072
	11/9/2006	1.3	0.0079	0.14	0.039
MWD-4	10/16/2001	ND	NP	NP	NP
	4/15/2002	ND	NP	NP	NP
	9/13/2002	0.0048	NP	NP	NP
	4/24/2003	ND	NP	NP	NP
	10/24/2003	ND	NP	NP	NP
	4/22/2004	<0.00100	NP	NP	NP
	11/5/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/29/2005	<0.001	<0.001	<0.001	<0.003
	5/3/2006	0.013	<0.001	0.0059	0.008
	11/2/2006	0.015	<0.001	0.018	0.015
MWD-5	10/16/2001	5.85	NP	NP	NP
	4/15/2002	8.83	NP	NP	NP
	4/30/2003	9.58	NP	NP	NP
	10/28/2003	8.01	NP	NP	NP
	4/26/2004	5.82	NP	NP	NP
	11/9/2004	7.35	NP	NP	NP
	5/16/2005	9.57	NP	NP	NP
	12/13/2005	4	0.33	0.38	<0.3
	5/12/2006	2.3	0.06	0.33	0.11
	11/1/2006	1.3	<0.5	<0.5	<1.5

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MWD-6	10/16/2001	0.761	NP	NP	NP
	4/15/2002	0.143	NP	NP	NP
	9/13/2002	0.120	NP	NP	NP
	4/23/2003	0.181	NP	NP	NP
	10/23/2003	0.139	NP	NP	NP
	4/21/2004	0.288	NP	NP	NP
	11/5/2004	0.121	NP	NP	NP
	5/16/2005	0.0165	NP	NP	NP
	12/13/2005	0.019	<0.001	0.0096	0.0034
	5/12/2006	0.013	<0.001	0.0088	<0.003
	11/1/2006	0.14	<0.001	0.033	0.0049
MWD-7	4/15/2002	ND	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/22/2003	ND	NP	NP	NP
	10/22/2003	ND	NP	NP	NP
	4/21/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00100	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	12/1/2005	<0.001	<0.001	<0.001	<0.003
	5/10/2006	<0.001	<0.001	<0.001	<0.003
	11/3/2006	0.0059	<0.001	0.004	<0.003
MWD-8	4/15/2002	ND	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/23/2003	0.0017	NP	NP	NP
	10/23/2003	ND	NP	NP	NP
	4/21/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00100	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	12/1/2005	<0.001	<0.001	<0.001	<0.003
	5/17/2006	0.035	0.002	0.011	0.0096
	11/3/2006	0.008	<0.001	0.0043	<0.003
MWD-9	4/15/2002	0.0131	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/25/2003	0.0577	NP	NP	NP
	10/28/2003	ND	NP	NP	NP
	2/20/2004	<0.00100	NP	NP	NP
	4/22/2004	0.0034	NP	NP	NP
	7/26/2004	0.0074	NP	NP	NP
	11/9/2004	0.0334	NP	NP	NP
	2/14/2005	0.0097	NP	NP	NP
	5/16/2005	0.0099	NP	NP	NP
	9/12/2005	0.013	<0.005	<0.005	<0.015
	2/28/2006	0.0097	<0.001	0.0028	0.0038
	5/11/2006	0.0064	<0.001	0.002	<0.003
	8/10/2006	0.011	<0.001	0.0022	<0.003

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MWD-10	4/15/2002	0.369	NP	NP	NP
	9/13/2002	0.441	NP	NP	NP
	4/23/2003	0.637	NP	NP	NP
	10/24/2003	0.667	NP	NP	NP
	2/20/2004	0.683	NP	NP	NP
	4/23/2004	0.686	NP	NP	NP
	7/26/2004	0.786	NP	NP	NP
	11/9/2004	0.875	NP	NP	NP
	2/14/2005	1.16	NP	NP	NP
	5/16/2005	1.66	NP	NP	NP
	9/12/2005	1.5	<0.005	0.36	0.027
	12/2/2005	0.89	<0.01	0.69	0.38
	3/2/2006	0.57	<0.001	0.22	0.056
	5/11/2006	0.3	<0.001	0.11	0.015
	8/10/2006	0.47	<0.005	0.15	<0.015
	11/9/2006	0.6	0.0016	0.15	0.054
MWD-11	4/15/2002	ND	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/22/2003	ND	NP	NP	NP
	10/21/2003	ND	NP	NP	NP
	4/20/2004	<0.00100	NP	NP	NP
	11/3/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	12/1/2005	<0.001	<0.001	<0.001	<0.003
	5/17/2006	0.028	0.0014	0.01	0.0087
	11/6/2006	0.013	<0.001	0.0073	<0.003
MWD-12	4/15/2002	0.507	NP	NP	NP
	9/13/2002	0.973	NP	NP	NP
	4/24/2003	1.05	NP	NP	NP
	10/23/2003	0.930	NP	NP	NP
	2/20/2004	0.532	NP	NP	NP
	4/22/2004	0.524	NP	NP	NP
	7/26/2004	0.542	NP	NP	NP
	11/5/2004	0.468	NP	NP	NP
	2/14/2005	0.580	NP	NP	NP
	5/16/2005	0.557	NP	NP	NP
	9/12/2005	0.860	<0.005	0.042	0.017
	12/13/2005	0.250	0.0013	0.023	0.0065
	3/2/2006	0.230	0.0012	0.018	0.0049
	5/12/2006	0.14	<0.001	0.025	0.0052
	8/9/2006	0.17	<0.001	0.016	<0.003
	11/1/2006	0.16	0.0014	0.017	0.0071
MWD-13	4/15/2002	0.002	NP	NP	NP
	9/13/2002	ND	NP	NP	NP
	4/24/2003	0.0031	NP	NP	NP
	10/24/2003	ND	NP	NP	NP
	4/22/2004	<0.00128	NP	NP	NP
	11/5/2004	<0.00500	NP	NP	NP
	5/16/2005	<0.001	NP	NP	NP
	11/29/2005	<0.001	<0.001	<0.001	<0.003
	5/3/2006	0.005	<0.001	0.0024	0.0032
	11/2/2006	0.012	<0.001	0.0088	0.0072

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
MWD-14	4/15/2002	1.77	NP	NP	NP
	9/13/2002	2.02	NP	NP	NP
	4/25/2003	2.44	NP	NP	NP
	10/24/2003	2.89	NP	NP	NP
	2/20/2004	1.48	NP	NP	NP
	4/22/2004	1.36	NP	NP	NP
	7/26/2004	1.33	NP	NP	NP
	11/9/2004	1.61	NP	NP	NP
	2/14/2005	1.47	NP	NP	NP
	5/16/2005	1.54	NP	NP	NP
	9/12/2005	1.6	0.0092	0.082	<0.05
	12/2/2005	2.6	0.029	0.089	0.075
	3/2/2006	1.5	<0.01	0.068	<0.03
	5/11/2006	1.1	<0.005	0.033	<0.015
	8/9/2006	1.2	<0.005	0.059	0.018
	11/8/2006	1.4	0.0047	0.034	0.026
MWD-15	1/11/2005	0.314	NP	NP	NP
	2/14/2005	0.527	NP	NP	NP
	5/16/2005	0.334	NP	NP	NP
	9/12/2005	0.38	0.018	0.98	0.47
	12/2/2005	0.48	<0.01	1.7	0.31
	3/2/2006	0.38	0.0054	0.7	0.099
	5/11/2006	0.53	0.014	0.42	0.18
	8/10/2006	0.57	0.018	0.42	0.25
	11/6/2006	0.4	0.021	0.49	0.33
MWD-16	11/8/2004	0.491	NP	NP	NP
	2/14/2005	1.21	NP	NP	NP
	5/16/2005	1.08	NP	NP	NP
	9/12/2005	1.1	<0.005	0.33	0.15
	12/2/2005	0.76	<0.01	0.24	0.11
	3/2/2006	1	<0.01	0.21	0.093
	5/11/2006	0.8	<0.005	0.25	0.11
	8/9/2006	0.88	<0.005	0.54	0.28
	11/8/2006	0.94	0.005	0.48	0.28
MWD-17	11/8/2004	3.11	NP	NP	NP
	5/16/2005	4.16	NP	NP	NP
	9/12/2005	3.7	<0.02	0.025	<0.06
	12/2/2005	2.3	<0.005	0.033	<0.015
	2/28/2006	0.8	0.016	0.066	0.049
	5/11/2006	1.4	<0.005	0.019	<0.015
	8/9/2006	0.84	<0.005	0.04	0.018
	11/6/2006	1.4	<0.005	0.058	0.028
RW-6	5/11/2006	0.0031	0.0032	0.0018	<0.003
	11/8/2006	0.0053	0.0041	0.003	0.0046
RW-7	5/11/2006	<0.001	<0.001	<0.001	<0.003
	11/8/2006	0.0095	<0.001	0.0016	<0.003
RW-8	5/11/2006	0.25	<0.001	<0.001	<0.003
	11/8/2006	0.22	<0.001	0.0089	0.02

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
TMW-1	12/7/1995	ND	NP	NP	NP
	6/6/1996	0.0038	NP	NP	NP
	6/2/1997	0.009	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	3/22/2001	0.012	NP	NP	NP
	10/16/2001	0.0204	NP	NP	NP
	4/15/2002	0.0177	NP	NP	NP
	9/13/2002	0.0367	NP	NP	NP
	4/22/2003	0.0132	NP	NP	NP
	10/22/2003	ND	NP	NP	NP
	4/20/2004	0.0202	NP	NP	NP
	11/9/2004	0.0102	NP	NP	NP
	5/16/2005	0.0371	NP	NP	NP
	12/1/2005	0.019	<0.001	0.0034	0.0086
	5/17/2006	0.17	0.0058	0.034	0.03
	11/6/2006	0.017	<0.001	0.01	<0.003
TMW-2	12/7/1995	0.0589	NP	NP	NP
	6/6/1996	1.07	NP	NP	NP
	6/2/1997	2.7	NP	NP	NP
	3/22/2001	1.87	NP	NP	NP
	10/16/2001	1.82	NP	NP	NP
	12/19/2005	1.5	0.032	0.70	0.066
TMW-3	12/7/1995	0.048	NP	NP	NP
	6/6/1996	0.861	NP	NP	NP
	6/2/1997	0.428	NP	NP	NP
	8/23/2000	1.02	NP	NP	NP
	3/22/2001	1.06	NP	NP	NP
	10/16/2001	1.18	NP	NP	NP
	4/15/2002	0.353	NP	NP	NP
	9/13/2002	0.0417	NP	NP	NP
	4/28/2003	0.328	NP	NP	NP
	10/27/2003	0.0189	NP	NP	NP
	4/23/2004	<0.00100	NP	NP	NP
	11/9/2004	<0.00100	NP	NP	NP
	5/16/2005	0.0345	NP	NP	NP
	12/6/2005	0.014	<0.001	0.017	0.0047
	5/11/2006	0.01	<0.001	0.018	0.0067
	11/9/2006	0.03	<0.001	0.017	0.01
TMW-5	12/7/1995	0.106	NP	NP	NP
	6/6/1996	0.388	NP	NP	NP
	6/2/1997	0.48	NP	NP	NP
	8/23/2000	0.675	NP	NP	NP
	12/19/2005	1.4	0.016	0.27	0.039
	11/9/2006	1.6	<0.01	0.23	<0.03
TMW-6	12/7/1995	0.015	NP	NP	NP
	6/6/1996	1.11	NP	NP	NP
	6/2/1997	2.10	NP	NP	NP
	8/23/2000	4.68	NP	NP	NP
	3/22/2001	5.93	NP	NP	NP
	10/16/2001	4.76	NP	NP	NP
	4/15/2002	3.73	NP	NP	NP
	9/13/2002	3.62	NP	NP	NP
	4/28/2003	3.63	NP	NP	NP
	10/27/2003	3.88	NP	NP	NP
	4/23/2004	3.66	NP	NP	NP
	11/9/2004	4.17	NP	NP	NP
	5/16/2005	2.79	NP	NP	NP
	12/13/2005	1.3	<0.005	0.23	0.047
	5/12/2006	1.2	<0.005	0.22	0.067
	11/9/2006	2	<0.005	0.14	0.065

Table 3: Cumulative BTEX Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylene (mg/l)
NM WQCC Standard		**0.01**	**0.75**	**0.75**	**0.62**
WW-1	9/10/1996	0.105	NP	NP	NP
	5/28/1997	0.107	NP	NP	NP
WW-2	9/10/1996	ND	NP	NP	NP
	5/28/1997	ND	NP	NP	NP
	11/29/2005	<0.001	<0.001	<0.001	<0.003
	5/2/2006	0.0011	<0.001	0.0014	<0.003
WW-3	9/10/1996	0.033	NP	NP	NP
	5/28/1997	0.011	NP	NP	NP
WW-4	9/10/1996	ND	NP	NP	NP
	5/28/1997	ND	NP	NP	NP
	11/30/2005	<0.001	<0.001	<0.001	<0.003
	5/4/2006	0.0017	<0.001	<0.001	<0.003
WW-5	9/10/1996	0.018	NP	NP	NP
	5/28/1997	0.009	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	11/30/2005	<0.001	<0.001	<0.001	<0.003
	5/4/2006	0.0013	<0.001	0.001	<0.003
WW-6	5/28/1997	ND	NP	NP	NP
	11/30/2005	<0.001	<0.001	<0.001	<0.003
	5/4/2006	0.0027	<0.001	<0.001	<0.003
WW-7	9/10/1996	ND	NP	NP	NP
	5/28/1997	ND	NP	NP	NP
	8/23/2000	ND	NP	NP	NP
	11/29/2005	<0.001	<0.001	0.0025	<0.003
	5/2/2006	<0.02	<0.001	0.058	<0.003

mg/l = milligrams per liter

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

NP = Not provided in historical data.
ND = Not detected above reporting limit. More recent samples not detected above reporting limits are denoted with <.

Notes:
1. Wells with treatment equipment present were not sampled with the exception of MWD-3, MWD-9, RW-6, RW-7, RW-8, MW-24, MW-25, MW-26, and MW-27. Wells with PSH present were not sampled.
2. For each well, only sampling events where samples were collected for BTEX analysis are shown. Wells where no BTEX samples have been collected are not shown.
3. Wells MW-3, MW-4, MW-18, MWD-2, MWD-8, MWD-11, TMW-1, RW-6, RW-7, and RW-8 were re-sampled for BTEX as the original samples did not arrive at the proper temperature. The results for the re-sampling are shown.

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		250	1000
MW1	11/10/2006	301	1650
MW-3	5/28/1997	430	NP
	8/23/2000	530	NP
	3/22/2001	480	NP
	10/16/2001	475	NP
	4/15/2002	448	NP
	9/13/2002	410	NP
	4/22/2003	379	NP
	10/21/2003	378	NP
	4/20/2004	296	NP
	11/3/2005	227	NP
	5/16/2005	200	NP
	12/1/2005	207	791
	5/5/2006	186	807
	11/6/2006	169	784
MW-4	5/28/1997	5500	NP
	8/23/2000	7100	NP
	3/22/2001	8200	NP
	10/16/2001	6210	NP
	4/15/2002	8830	NP
	9/13/2002	17300	NP
	4/24/2003	10300	NP
	10/23/2003	4720	NP
	2/20/2004	9490	NP
	4/21/2004	13800	NP
	7/26/2004	8640	NP
	11/5/2004	8290	NP
	2/14/2005	9510	NP
	5/16/2005	34700	NP
	6/13/2005	9920	NP
	9/11/2005	7040	NS
	12/1/2005	2160	5170
	2/28/2006	9450	NS
	5/5/2006	6640	12800
	8/10/2006	7350	NS
	11/6/2006	5130	10500
MW-5	5/28/1997	1500	NP
MW-6	5/28/1997	3000	NP
	8/23/2000	33000	NP
	3/22/2001	3500	NP
	10/16/2001	6190	NP
	4/15/2002	22700	NP
	9/13/2002	11010	NP
	4/24/2003	4260	NP
	10/23/2003	6020	NP
	4/22/2004	53400	NP
	11/5/2004	5740	NP
	5/16/2005	75700	NP
	6/13/2005	10700	NP
	11/29/2005	943	3500
	5/3/2006	14500	25100
	11/2/2006	10400	19300

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MW-7	5/28/1997	330	NP
	8/23/2000	380	NP
	3/22/2001	250	NP
	10/16/2001	390	NP
	4/15/2002	7880	NP
	9/13/2002	719	NP
	4/24/2003	139	NP
	10/24/2003	119	NP
	4/22/2004	383	NP
	11/5/2004	83.3	NP
	5/16/2005	2170	NP
	6/13/2005	137	NP
	11/29/2005	56.9	715
	5/3/2006	79.2	852
	11/2/2006	95.2	856
MW-8	5/28/1997	1900	NP
	8/23/2000	430	NP
	3/22/2001	560	NP
	10/16/2001	844	NP
	4/15/2002	949	NP
	9/13/2002	1790	NP
	4/22/2003	834	NP
	10/21/2003	920	NP
	4/20/2004	1890	NP
	11/3/2004	822	NP
	5/16/2005	2480	NP
	6/13/2005	1730	NP
	11/29/2005	812	2260
	5/3/2006	2020	4780
	11/1/2006	1980	4950
MW-9	5/28/1997	340	NP
	8/23/2000	460	NP
	3/22/2001	420	NP
	10/16/2001	408	NP
	4/15/2002	384	NP
	9/13/2002	443	NP
	4/30/2003	415	NP
	10/28/2003	357	NP
	4/26/2004	447	NP
	11/9/2004	466	NP
	5/16/2005	475	NP
	12/13/2005	460	1480
	5/12/2006	479	1500
	11/1/2006	480	1630

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		250	1000
MW-10	5/28/1997	530	NP
	8/23/2000	360	NP
	3/22/2001	360	NP
	10/16/2001	339	NP
	4/15/2002	357	NP
	9/13/2002	382	NP
	4/28/2003	451	NP
	10/27/2003	469	NP
	4/26/2004	586	NP
	11/11/2004	653	NP
	11/10/2006	596	1830
MW-11	5/28/1997	750	NP
	8/23/2000	1100	NP
	3/22/2001	939	NP
	10/16/2001	339	NP
	4/15/2002	848	NP
	9/13/2002	812	NP
	4/28/2003	710	NP
	10/27/2003	532	NP
	4/26/2004	546	NP
	11/11/2004	605	NP
	5/16/2005	727	NP
	12/19/2005	431	1660
	5/17/2006	341	1580
	11/10/2006	393	1560
MW-12	5/28/1997	1300	NP
	8/23/2000	1500	NP
	3/22/2001	1900	NP
	10/16/2001	1590	NP
	4/15/2002	1350	NP
	9/13/2002	1510	NP
	4/30/2003	2070	NP
	10/28/2003	2260	NP
	4/26/2004	2290	NP
	11/10/2006	1990	5050
MW-13	12/7/1998	430	NP
	8/23/2000	390	NP
	3/22/2001	390	NP
	10/16/2001	355	NP
	4/15/2002	375	NP
	9/13/2002	328	NP
	4/21/2003	382	NP
	10/21/2003	395	NP
	4/20/2004	356	NP
	11/3/2004	406	NP
	5/16/2005	434	NP
	11/30/2005	293	966
	5/4/2006	393	1120
	11/6/2006	385	1150

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MW-14	12/7/1998	420	NP
	8/23/2000	300	NP
	3/22/2001	310	NP
	10/16/2001	303	NP
	4/15/2002	318	NP
	9/13/2002	319	NP
	4/21/2003	379	NP
	10/21/2003	348	NP
	4/20/2004	390	NP
	11/2/2004	476	NP
	5/16/2005	437	NP
	6/13/2005	434	NP
	11/30/2005	396	1420
	5/4/2006	419	1450
	11/6/2006	405	1420
MW-15	12/7/1998	2300	NP
	8/23/2000	2600	NP
	3/22/2001	2700	NP
	10/16/2001	2590	NP
	4/15/2002	2500	NP
	9/13/2002	2310	NP
	4/21/2003	2260	NP
	10/21/2003	2990	NP
	4/20/2004	2280	NP
	11/11/2004	2420	NP
	2/14/2005	2460	NP
	5/16/2005	2670	NP
	9/11/2005	2840	NS
	11/30/2005	2700	5780
	8/10/2006	2880	NS
	11/1/2006	2480	5330
MW-16	12/7/1998	2000	NP
	8/23/2000	1900	NP
	3/22/2001	1900	NP
	10/16/2001	1890	NP
	4/15/2002	1930	NP
	9/13/2002	1840	NP
	4/21/2003	1870	NP
	10/20/2003	1850	NP
	4/20/2004	1720	NP
	11/11/2004	1870	NP
	2/14/2005	1940	NP
	5/16/2005	2000	NP
	9/11/2005	2200	NS
	11/30/2005	2050	4490
	8/10/2006	1930	NS
	11/1/2006	2000	4430

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		250	1000
MW-17	12/7/1998	6000	NP
	8/23/2000	5700	NP
	3/22/2001	5700	NP
	10/16/2001	4960	NP
	4/15/2002	5050	NP
	9/13/2002	5750	NP
	4/22/2003	5240	NP
	10/22/2003	7510	NP
	2/20/2004	5320	NP
	4/21/2004	5460	NP
	7/26/2004	2930	NP
	11/3/2004	6360	NP
	2/14/2005	5640	NP
	5/16/2005	6090	NP
	9/12/2005	5140	NS
	12/1/2005	4630	8760
	2/28/2006	5420	NS
	5/10/2006	5070	9800
	8/9/2006	5230	NS
	11/3/2006	4720	10100
MW-18	12/7/1998	5700	NP
	8/23/2000	5000	NP
	3/22/2001	4500	NP
	10/16/2001	3490	NP
	4/15/2002	3280	NP
	9/13/2002	4920	NP
	4/22/2003	2960	NP
	10/22/2003	2910	NP
	4/21/2004	5950	NP
	11/3/2004	4240	NP
	5/16/2005	10600	NP
	12/1/2005	2130	3480
	5/5/2006	3880	6870
	11/3/2006	3510	6920
MW-19	8/23/2000	3000	NP
	3/22/2001	3100	NP
	10/16/2001	2790	NP
	4/15/2002	2690	NP
	9/13/2002	3010	NP
	4/22/2003	2310	NP
	10/22/2003	1870	NP
	2/20/2004	2840	NP
	4/22/2004	2690	NP
	7/26/2004	3000	NP
	11/9/2004	3510	NP
	11/9/2006	3350	7250
MW-21	4/26/2004	2400	NP
	12/19/2005	2470	5070
	11/8/2006	1720	3980

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		250	1000
MW-22	3/22/2001	24000	NP
	10/16/2001	17000	NP
	4/15/2002	48800	NP
	9/13/2002	44200	NP
	4/28/2003	16200	NP
	10/24/2003	38800	NP
	4/22/2004	37900	NP
	11/9/2004	16900	NP
	5/16/2005	7740	NP
	12/2/2005	1870	3970
	5/11/2006	2590	5420
	11/6/2006	7330	11900
MW-23	3/22/2001	15000	NP
	10/16/2001	16100	NP
	4/15/2002	20300	NP
	9/13/2002	17400	NP
	4/23/2003	13100	NP
	10/24/2003	17200	NP
	4/22/2004	13500	NP
	11/9/2004	8500	NP
	5/16/2005	9070	NP
	12/1/2005	6600	10600
	5/11/2006	6540	11700
	11/6/2006	6560	12600
MW-24	10/16/2001	102	NP
	4/15/2002	92.7	NP
	9/13/2002	99.4	NP
	4/28/2003	101	NP
	10/27/2003	133	NP
	4/23/2004	255	NP
	11/9/2004	269	NP
	5/16/2005	274	NP
	12/19/2005	260	1240
	5/17/2006	342	1270
	11/9/2006	355	1280
MW-25	10/16/2001	1510	NP
	4/15/2002	2340	NP
	9/13/2002	2040	NP
	4/28/2003	2350	NP
	10/27/2003	1540	NP
	4/23/2004	2000	NP
	11/9/2004	3900	NP
	5/16/2005	4276	NP
	12/14/2005	2470	8040
	5/12/2006	2180	8010
	11/10/2006	2680	8940

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MW-26	10/16/2001	661	NP
	4/15/2002	751	NP
	9/13/2002	667	NP
	4/30/2003	688	NP
	10/27/2003	801	NP
	4/23/2004	682	NP
	11/11/2004	690	NP
	5/16/2005	1240	NP
	12/14/2005	732	1730
	5/12/2006	574	1610
MW-27	10/16/2001	1250	NP
	4/15/2002	1050	NP
	9/13/2002	818	NP
	4/30/2003	815	NP
	10/27/2003	1270	NP
	4/23/2004	1120	NP
	11/11/2004	1070	NP
	5/16/2005	1290	NP
	12/14/2005	558	2840
	5/12/2006	499	2870
MW-28	10/16/2001	1130	NP
	4/15/2002	1340	NP
	9/13/2002	1420	NP
MW-29	11/8/2004	369	NP
	5/16/2005	478	NP
	11/29/2005	393	1220
	5/2/2006	451	1580
	11/2/2006	502	1700
MW-30	11/5/2004	331	NP
	5/16/2005	443	NP
	6/13/2005	420	NP
	11/29/2005	383	1220
	5/2/2006	352	1260
	11/1/2006	358	1260
MW-31	11/8/2004	382	NP
	5/16/2005	436	NP
	11/30/2005	354	1110
	5/4/2006	394	1160
	11/6/2006	425	1250
MW-32	2/24/2006	1340	NS
	5/3/2006	1400	4210
	11/1/2006	1340	3910
MW-34	2/24/2006	575	NS
	5/3/2006	612	1780
	11/1/2006	618	1930

Table 4: *Cumulative* Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MWD-1	8/29/2001	19900	NP
	10/16/2001	5790	NP
	4/15/2002	16100	NP
	9/13/2002	17800	NP
	4/23/2003	17300	NP
	10/23/2003	14700	NP
	2/20/2004	13500	NP
	4/21/2004	12800	NP
	7/26/2004	14000	NP
	11/3/2004	15100	NP
	2/14/2005	12800	NP
	5/16/2005	13600	NP
	9/12/2005	12800	NS
	12/1/2005	15100	20300
	2/28/2006	12600	NS
	5/10/2006	13100	24900
	8/10/2006	12300	NS
	11/6/2006	14000	23700
MWD-2	8/29/2001	25500	NP
	10/16/2001	3290	NP
	4/15/2002	22300	NP
	9/13/2002	22800	NP
	4/24/2003	22100	NP
	10/23/2003	19800	NP
	2/20/2004	21100	NP
	4/21/2004	22300	NP
	7/26/2004	29500	NP
	11/3/2004	26400	NP
	2/14/2005	25000	NP
	5/16/2005	27800	NP
	9/11/2005	21000	NS
	12/1/2005	25600	37100
	2/28/2006	22300	NS
	5/5/2006	18900	35700
	8/10/2006	19400	NS
	11/6/2006	24400	32700
MWD-3	8/29/2001	55900	NP
	10/16/2001	12200	NP
	4/15/2002	47600	NP
	9/13/2002	46600	NP
	4/28/2003	47600	NP
	10/28/2003	58300	NP
	2/20/2004	65100	NP
	3/22/2004	95700	NP
	4/19/2004	39500	NP
	5/12/2004	94400	NP
	7/26/2004	77600	NP
	11/9/2004	81400	NP
	2/14/2005	90700	NP
	5/16/2005	66900	NP
	2/28/2006	75500	NS
	5/11/2006	63600	105000
	11/9/2006	55300	89000

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MWD-4	8/29/2001	921	NP
	10/16/2001	333	NP
	4/15/2002	688	NP
	9/13/2002	516	NP
	4/24/2003	521	NP
	10/24/2003	640	NP
	2/20/2004	411	NP
	4/22/2004	397	NP
	7/26/2004	555	NP
	11/5/2004	344	NP
	2/14/2005	381	NP
	5/16/2005	370	NP
	9/10/2005	278	NS
	11/29/2005	237	1100
	2/28/2006	251	NS
	5/3/2006	247	1170
	8/9/2006	1120	NS
	11/2/2006	228	1200
MWD-5	8/29/2001	1280	NP
	10/16/2001	515	NP
	4/15/2002	1140	NP
	4/30/2003	1290	NP
	10/28/2003	1120	NP
	4/26/2004	1200	NP
	11/9/2004	1350	NP
	5/16/2005	1260	NP
	12/13/2005	1100	3420
	5/12/2006	1160	3050
	11/1/2006	1260	3860
MWD-6	8/29/2001	794	NP
	10/16/2001	403	NP
	4/15/2002	758	NP
	9/13/2002	798	NP
	4/23/2003	895	NP
	10/23/2003	879	NP
	4/21/2004	739	NP
	11/5/2004	824	NP
	5/16/2005	790	NP
	12/13/2005	781	2550
	5/12/2006	943	2670
	11/1/2006	805	2680

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MWD-7	4/15/2002	936	NP
	9/13/2002	7620	NP
	4/22/2003	9840	NP
	10/22/2003	7400	NP
	2/20/2004	10200	NP
	4/21/2004	8060	NP
	7/26/2004	8910	NP
	11/3/2004	9610	NP
	2/14/2005	9750	NP
	5/16/2005	9250	NP
	9/12/2005	7460	NS
	12/1/2005	8720	15000
	2/28/2006	7270	NS
	5/10/2006	6870	13800
	8/9/2006	9590	NS
	11/3/2006	7990	17000
MWD-8	4/15/2002	12800	NP
	9/13/2002	12600	NP
	4/23/2003	14300	NP
	10/23/2003	11800	NP
	2/20/2004	11100	NP
	4/21/2004	11400	NP
	7/26/2004	11900	NP
	11/3/2004	13600	NP
	2/14/2005	10400	NP
	5/16/2005	12500	NP
	9/11/2005	9290	NS
	12/1/2005	18000	27900
	2/28/2006	10900	NS
	5/5/2006	11100	20500
	8/10/2006	11800	NS
	11/3/2006	12400	20300
MWD-9	4/15/2002	23400	NP
	9/13/2002	22800	NP
	4/25/2003	23500	NP
	10/28/2003	29200	NP
	2/20/2004	55300	NP
	4/6/2004	51400	NP
	4/22/2004	48000	NP
	7/26/2004	45000	NP
	11/9/2004	46400	NP
	2/14/2005	43700	NP
	5/16/2005	81200	NP
	9/12/2005	41600	NS
	2/28/2006	34700	NS
	5/11/2006	32900	56400
	8/10/2006	28500	NS

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MWD-10	4/15/2002	7210	NP
	9/13/2002	7800	NP
	4/23/2003	8250	NP
	10/24/2003	9170	NP
	2/20/2004	8450	NP
	4/23/2004	8530	NP
	7/26/2004	9060	NP
	11/9/2004	7580	NP
	2/14/2005	8610	NP
	5/16/2005	9360	NP
	9/12/2005	9390	NS
	12/2/2005	8710	13400
	3/2/2006	7980	NS
	5/11/2006	7710	14800
	8/10/2006	8730	NS
	11/9/2006	7760	13400
MWD-11	4/15/2002	2580	NP
	9/13/2002	2700	NP
	4/22/2003	2760	NP
	10/21/2003	2050	NP
	4/20/2004	2460	NP
	11/3/2004	3230	NP
	5/16/2005	3200	NP
	12/1/2005	2810	4840
	5/5/2006	2650	5040
	11/6/2006	2640	5110
MWD-12	4/15/2002	5130	NP
	9/13/2002	5300	NP
	4/24/2003	5760	NP
	10/23/2003	4750	NP
	2/20/2004	5350	NP
	4/22/2004	5160	NP
	7/26/2004	2390	NP
	11/5/2004	6630	NP
	2/14/2005	5770	NP
	5/16/2005	5950	NP
	9/12/2005	5770	NS
	12/13/2005	5870	10100
	3/2/2006	6080	NS
	5/12/2006	5670	10200
	8/9/2006	5450	NS
	11/1/2006	5860	10600

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		250	1000
MWD-13	4/15/2002	27900	NP
	9/13/2002	27100	NP
	4/24/2003	29200	NP
	10/24/2003	20900	NP
	2/20/2004	17400	NP
	4/22/2004	18000	NP
	7/26/2004	17100	NP
	11/5/2004	29200	NP
	2/14/2005	12200	NP
	5/16/2005	12600	NP
	9/11/2005	8770	NS
	11/29/2005	10500	19200
	2/28/2006	10400	NS
	5/3/2006	5390	11600
	8/9/2006	12600	NS
	11/2/2006	5520	11400
MWD-14	4/15/2002	20600	NP
	9/13/2002	21300	NP
	4/25/2003	38100	NP
	10/24/2003	18400	NP
	2/20/2004	17500	NP
	4/22/2004	20600	NP
	7/26/2004	17600	NP
	11/9/2004	18400	NP
	2/14/2005	15300	NP
	5/16/2005	15800	NP
	9/12/2005	13300	NS
	12/2/2005	13200	22600
	3/2/2006	13000	NS
	5/11/2006	12300	23400
	8/9/2006	14200	NS
	11/8/2006	13400	24600
MWD-15	1/11/2005	40900	NP
	2/14/2005	34200	NP
	5/16/2005	38900	NP
	9/12/2005	26100	NS
	12/2/2005	31700	52000
	3/2/2006	23200	NS
	5/11/2006	26500	41600
	8/10/2006	22100	NS
	11/6/2006	10100	16500
MWD-16	11/8/2004	15300	NP
	2/14/2005	13400	NP
	5/16/2005	13300	NP
	9/12/2005	11900	NS
	12/2/2005	11000	16000
	3/2/2006	9450	NS
	5/11/2006	8140	14300
	8/9/2006	10100	NS
	11/8/2006	5010	9220

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
MWD-17	11/8/2004	69300	NP
	2/14/2005	59600	NP
	5/16/2005	53500	NP
	9/12/2005	49500	NS
	12/2/2005	30900	50400
	2/28/2006	37500	NS
	5/11/2006	29400	50900
	8/9/2006	50200	NS
	11/6/2006	41600	71700
RW-1	4/15/2002	675	NP
RW6	5/5/2006	32600	58200
	11/8/2006	31800	56200
RW7	5/5/2006	12600	24000
	11/8/2006	50600	87600
RW8	5/5/2006	22300	37800
	11/8/2006	17500	29200
TMW-1	12/7/1995	650	NP
	6/6/1996	649	NP
	6/2/1997	460	NP
	8/23/2000	430	NP
	3/22/2001	380	NP
	10/16/2001	324	NP
	4/15/2002	411	NP
	9/13/2002	916	NP
	4/22/2003	378	NP
	10/22/2003	397	NP
	4/20/2004	1760	NP
	11/9/2004	1010	NP
	5/16/2005	2480	NP
	12/1/2005	390	1220
	5/5/2006	1340	2510
	11/6/2006	1240	2530
TMW-2	12/7/1995	545	NP
	6/6/1996	1020	NP
	6/2/1997	730	NP
	3/22/2001	660	NP
	10/16/2001	720	NP
	12/19/2005	126	1620

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
TMW-3	12/7/1995	685	NP
	6/6/1996	1490	NP
	6/2/1997	870	NP
	8/23/2000	680	NP
	3/22/2001	900	NP
	10/16/2001	741	NP
	4/15/2002	897	NP
	9/13/2002	1400	NP
	4/28/2003	897	NP
	10/27/2003	630	NP
	4/23/2004	633	NP
	11/9/2004	605	NP
	5/16/2005	1900	NP
	12/6/2005	456	2610
	5/11/2006	733	2060
	11/9/2006	760	2060
TMW-5	12/7/1995	1800	NP
	6/6/1996	3250	NP
	6/2/1997	4300	NP
	8/23/2000	3600	NP
	12/19/2005	5420	10300
	11/9/2006	4640	8680
TMW-6	12/7/1995	700	NP
	6/6/1996	788	NP
	6/2/1997	730	NP
	8/23/2000	380	NP
	3/22/2001	400	NP
	10/16/2001	319	NP
	4/15/2002	503	NP
	9/13/2002	821	NP
	4/28/2003	311	NP
	10/27/2003	567	NP
	4/23/2004	684	NP
	11/9/2004	417	NP
	5/16/2005	712	NP
	12/13/2005	535	1640
	5/12/2006	589	1580
	11/9/2006	539	1720
WW-1	5/28/1997	4500	NP
	8/23/2000	3100	NP
WW-2	5/28/1997	200	NP
	11/29/2005	376	1020
	5/2/2006	530	1350
WW-3	5/28/1997	120	NP
	8/23/2000	88	NP
WW-4	11/30/2005	323	938
	5/4/2006	562	1380

Table 4: Cumulative Chloride and TDS Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Chloride (mg/l)	TDS (mg/l)
NM WQCC Standard		**250**	**1000**
WW-5	9/10/1996	ND	NP
	5/28/1997	1200	NP
	8/23/2000	1000	NP
	11/30/2005	1110	1930
	5/4/2006	1230	2860
WW-6	5/28/1997	970	NP
	11/30/2005	808	1620
	5/4/2006	939	2100
WW-7	5/28/1997	490	NP
	8/23/2000	480	NP
	11/29/2005	308	702
	5/2/2006	441	1360

mg/l = milligrams per liter
NM WQCC Standard = New Mexico Water Quality Control Commission Domestic Water Supply Standard.
NP = Not provided in historical data.
ND = Not detected above reporting limit.
NS = Not sampled. In most cases due to analytical program, sampling schedule, presence of treatment equipment, or PSH.

Notes:
1. Wells with treatment equipment present were not sampled with the exception of MWD-3, MWD-9, RW-6, RW-7, RW-8, MW-24, MW-25, MW-26, and MW-27. Wells with PSH present were not sampled.
2. For each well, only sampling events where samples were collected for chloride or TDS analysis are shown. Wells where no chloride or TDS samples have been collected are not shown.

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MW-1	9/10/1996	ND	0.51	ND	ND	NP	ND	ND	ND
	11/10/2006	0.0274	1.53	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-3	5/28/1997	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	0.15	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	0.14	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.144	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	0.158	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.193	ND	ND	NP	ND	ND	ND
	4/22/2003	ND	0.138	ND	ND	NP	ND	ND	ND
	10/21/2003	ND	0.106	ND	ND	NP	ND	ND	ND
	4/20/2004	<0.0100	0.096	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/3/2005	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.112	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	12/1/2005	<0.0200	0.0901	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/5/2006	<0.02	0.074	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	<0.02	0.077	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-4	5/28/1997	ND	0.2	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	0.15	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	ND	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.144	ND	ND	NP	ND	ND	ND
	4/24/2003	ND	0.156	ND	0.01	NP	ND	ND	ND
	10/23/2003	ND	0.0732	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.100	<0.100	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/5/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.072	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	12/1/2005	<0.0200	0.0477	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/5/2006	<0.02	0.0548	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	<0.02	0.0631	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-5	5/28/1997	ND	ND	ND	ND	NP	ND	ND	ND
MW-6	5/28/1997	ND	0.2	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	ND	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.047	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.152	ND	ND	NP	ND	ND	ND
	4/24/2003	ND	0.148	ND	ND	NP	ND	ND	ND
	10/23/2003	ND	0.092	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.100	0.169	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/5/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.048	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	11/29/2005	<0.0200	0.124	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/3/2006	0.027	0.0753	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/2/2006	<0.1	0.0848	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025
MW-7	5/28/1997	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	0.10	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	0.804	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	1.01	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	1.04	ND	ND	NP	ND	ND	ND
	4/24/2003	ND	1.80	ND	ND	NP	ND	ND	ND
	10/24/2003	ND	1.64	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.0100	1.44	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/5/2004	<0.0100	1.07	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	1.43	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	11/29/2005	0.0227	0.86	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/3/2006	<0.02	0.986	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/2/2006	0.0225	0.835	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MW-8	5/28/1997	ND	ND	ND	ND	NP	ND	ND	1.5
	8/23/2000	ND	ND	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.118	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	0.103	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.187	ND	ND	NP	ND	ND	ND
	4/22/2003	0.022	0.135	ND	ND	NP	ND	ND	ND
	10/21/2003	ND	0.105	ND	ND	NP	ND	ND	ND
	4/20/2004	<0.0100	0.112	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/3/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.099	<0.001	0.014	NP	<0.0002	<0.01	<0.002
	11/29/2005	<0.0200	0.0955	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/3/2006	0.0333	0.0897	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	<0.1	0.1	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025
MW-9	5/28/1997	ND	2.7	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	11	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	13.3	0.025	ND	NP	ND	ND	ND
	10/16/2001	ND	14.5	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	13.7	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	14.5	ND	ND	NP	ND	ND	ND
	4/30/2003	ND	13.9	ND	ND	NP	ND	ND	ND
	10/28/2003	ND	12.6	ND	ND	NP	ND	ND	ND
	4/26/2004	<0.0100	16.9	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/9/2004	<0.0100	15.5	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	11.5	<0.001	0.034	NP	<0.0002	<0.01	<0.002
	12/13/2005	<0.0200	16.1	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	0.0223	16.4	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	<0.02	15.8	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-10	5/28/1997	ND	0.5	ND	ND	NP	ND	ND	ND
	8/23/2000	0.3	7.5	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	5.86	ND	ND	NP	ND	ND	ND
	10/16/2001	0.0271	5.81	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	5.7	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	4.34	ND	ND	NP	ND	ND	ND
	4/28/2003	ND	7.56	ND	ND	NP	ND	ND	ND
	10/27/2003	ND	5.51	ND	ND	NP	ND	ND	ND
	4/26/2004	<0.0100	6.18	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/11/2004	<0.0100	4.95	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	11/10/2006	0.0438	5.11	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-11	5/28/1997	ND	1.5	ND	ND	NP	ND	ND	ND
	8/23/2000	0.100	11	ND	ND	NP	ND	ND	ND
	3/22/2001	0.0508	14.2	ND	ND	NP	ND	ND	ND
	10/16/2001	0.075	6.96	ND	ND	NP	ND	ND	ND
	4/15/2002	4.36	0.692	ND	ND	NP	ND	ND	ND
	9/13/2002	0.080	5.13	ND	ND	NP	ND	ND	ND
	4/28/2003	0.000	2.30	ND	ND	NP	ND	ND	ND
	10/27/2003	0.000	1.66	ND	ND	NP	ND	ND	ND
	4/26/2004	<0.0100	1.75	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/11/2004	<0.0100	1.59	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	1.46	<0.001	0.028	NP	<0.0002	<0.1	<0.002
	12/19/2005	0.0543	1.41	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/17/2006	0.0518	1.49	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/10/2006	0.0842	1.27	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MW-12	5/28/1997	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	0.47	2.6	ND	ND	NP	ND	ND	ND
	3/22/2001	0.464	1.42	ND	ND	NP	ND	ND	ND
	10/16/2001	0.413	2.12	ND	ND	NP	ND	ND	ND
	4/15/2002	0.587	1.97	ND	ND	NP	ND	ND	ND
	9/13/2002	0.534	1.12	ND	ND	NP	ND	ND	ND
	4/30/2003	ND	2.77	ND	ND	NP	ND	ND	ND
	10/28/2003	0.298	1.53	ND	ND	NP	ND	ND	ND
	4/26/2004	<0.0100	1.77	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/10/2006	0.29	0.808	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-13	12/7/1998	ND	1.30	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	1.40	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	2.34	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	2.18	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	2.70	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	2.29	ND	ND	NP	ND	ND	ND
	4/21/2003	ND	1.53	ND	ND	NP	ND	ND	ND
	10/21/2003	ND	1.78	ND	ND	NP	ND	ND	ND
	4/20/2004	<0.0100	2.5	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/3/2004	<0.0100	2.17	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	3.14	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	11/30/2005	0.0238	0.966	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/4/2006	0.0266	2.84	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	0.0272	2.81	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-14	12/7/1998	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	ND	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.0672	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.131	ND	ND	NP	ND	ND	ND
	4/21/2003	ND	0.089	ND	ND	NP	ND	ND	ND
	10/21/2003	ND	0.099	ND	ND	NP	ND	ND	ND
	4/20/2004	<0.0100	0.086	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/2/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.086	<0.001	<0.01	NP	<0.0002	<0.0100	<0.002
	11/30/2005	<0.0200	0.0662	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/4/2006	<0.02	0.0714	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	<0.02	0.0648	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-15	12/7/1998	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	ND	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.0351	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.105	ND	ND	NP	ND	ND	ND
	4/21/2003	ND	0.079	ND	ND	NP	ND	ND	ND
	10/21/2003	ND	0.099	ND	ND	NP	ND	ND	ND
	4/20/2004	<0.0100	0.082	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/11/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.068	<0.001	0.022	NP	<0.0002	<0.01	<0.002
	11/30/2005	<0.0200	0.0547	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	11/1/2006	<0.1	0.0443	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MW-16	12/7/1998	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	ND	ND	0.16	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	0.168	NP	ND	ND	ND
	10/16/2001	ND	0.0327	ND	0.183	NP	0.00038	0.0116	ND
	4/15/2002	ND	ND	ND	0.172	NP	ND	ND	ND
	9/13/2002	ND	0.113	ND	0.185	NP	ND	ND	ND
	4/21/2003	ND	0.065	ND	0.179	NP	ND	ND	ND
	10/20/2003	ND	0.086	ND	0.187	NP	ND	ND	ND
	4/20/2004	<0.0100	0.067	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/11/2004	<0.0100	<0.100	<0.00500	0.167	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.061	<0.001	0.19	NP	<0.0002	<0.01	<0.002
	11/30/2005	<0.0200	0.0519	<0.0050	0.159	<0.02	<0.00020	<0.0200	<0.0050
	11/1/2006	<0.02	0.0492	<0.005	0.171	<0.015	<0.0002	<0.02	<0.005
MW-17	12/7/1998	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	ND	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	0.0109	NP	ND	ND	ND
	10/16/2001	ND	0.0175	ND	ND	NP	ND	0.0164	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.105	ND	ND	NP	ND	ND	ND
	4/22/2003	ND	0.070	ND	ND	NP	ND	ND	ND
	10/22/2003	ND	0.068	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.100	<0.100	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/3/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.046	<0.001	0.023	NP	<0.0002	<0.01	<0.002
	12/1/2005	0.0226	0.0452	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/10/2006	<0.02	0.0467	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/3/2006	0.02	0.0449	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-18	12/7/1998	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	ND	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.0807	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.163	ND	ND	NP	ND	ND	ND
	4/22/2003	ND	0.185	ND	ND	NP	ND	ND	ND
	10/22/2003	ND	0.148	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.100	0.203	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/3/2004	<0.0100	0.104	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.121	<0.00100	<0.01	NP	<0.0002	<0.01	<0.002
	12/1/2005	<0.0200	0.136	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/5/2006	<0.02	0.117	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/3/2006	<0.1	0.114	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025
MW-19	8/23/2000	0.2	1.8	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	1.01	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.815	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	0.737	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.942	ND	ND	NP	ND	ND	ND
	4/22/2003	ND	0.918	ND	ND	NP	ND	ND	ND
	10/22/2003	ND	0.751	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.0100	0.827	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/9/2004	<0.0100	0.675	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	11/9/2006	0.0257	0.545	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-21	4/26/2004	<0.0100	1.01	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	12/19/2005	0.0403	0.674	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	11/8/2006	0.0405	0.783	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MW-22	3/22/2001	ND	0.338	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.548	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.146	ND	ND	NP	ND	ND	ND
	4/28/2003	ND	0.886	ND	ND	NP	ND	ND	ND
	10/24/2003	ND	0.495	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.100	1.00	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/9/2004	<0.0100	0.371	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.461	<0.001	0.027	NP	<0.0002	<0.01	<0.002
	12/2/2005	0.0461	0.310	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	0.0361	0.337	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	0.026	0.751	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-23	3/22/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.0449	ND	ND	NP	ND	0.0199	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	ND	ND	ND	NP	ND	ND	ND
	4/23/2003	ND	0.166	ND	ND	NP	ND	ND	ND
	10/24/2003	ND	0.22	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.100	0.144	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/9/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	3.1	<0.001	0.021	NP	<0.0002	<0.01	<0.002
	12/1/2005	0.0678	0.0523	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	0.0666	0.0448	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	0.0517	1.98	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-24	10/16/2001	0.0016	2.19	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	5.42	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	5.74	ND	ND	NP	ND	ND	ND
	4/28/2003	ND	3.66	ND	ND	NP	ND	ND	ND
	10/27/2003	ND	3.79	ND	ND	NP	ND	ND	ND
	4/23/2004	<0.0100	4.6	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/9/2004	<0.0100	5.6	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.042	<0.001	0.051	NP	<0.0002	<0.01	<0.002
	12/19/2005	0.0284	4.3	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/17/2006	0.0254	3.77	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/9/2006	0.0314	3.74	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-25	10/16/2001	ND	0.407	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	0.161	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.167	ND	ND	NP	ND	ND	ND
	4/28/2003	ND	0.328	ND	ND	NP	ND	ND	ND
	10/27/2003	ND	0.15	ND	ND	NP	ND	ND	ND
	4/23/2004	<0.0100	0.265	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/9/2004	<0.0100	0.166	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.189	<0.001	0.026	NP	<0.0002	<0.01	<0.002
	12/14/2005	<0.0200	0.381	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	0.0207	0.361	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/10/2006	<0.02	0.412	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-26	10/16/2001	0.0259	0.95	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	3.92	ND	ND	NP	0.00048	ND	ND
	9/13/2002	ND	5.00	ND	0.02	NP	ND	ND	ND
	4/30/2003	ND	5.26	ND	ND	NP	ND	ND	ND
	10/27/2003	ND	4.13	ND	ND	NP	ND	ND	ND
	4/23/2004	<0.0100	4.94	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/11/2004	<0.0100	4.32	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	3.25	<0.001	0.015	NP	<0.0002	<0.01	<0.002
	12/14/2005	0.0475	3.58	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	0.0592	4	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MW-27	10/16/2001	0.129	0.14	ND	ND	NP	ND	ND	ND
	4/15/2002	0.174	0.161	ND	ND	NP	0.00042	ND	ND
	9/13/2002	0.215	0.226	ND	ND	NP	0.00033	ND	ND
	4/30/2003	ND	0.131	ND	ND	NP	0.00058	ND	ND
	10/27/2003	0.105	0.147	ND	ND	NP	0.00044	ND	ND
	4/23/2004	<0.0100	0.124	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/11/2004	<0.0100	0.11	<0.00500	<0.0100	NP	0.00052	<0.0500	<0.0125
	5/16/2005	<0.01	0.137	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	12/14/2005	0.102	0.149	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	0.0533	0.139	<0.005	<0.015	<0.02	<0.002	<0.02	<0.005
MW-28	10/16/2001	0.2	0.294	ND	ND	NP	ND	ND	ND
	4/15/2002	0.214	0.25	ND	ND	NP	0.00047	ND	ND
	9/13/2002	0.240	0.309	ND	ND	NP	ND	ND	ND
MW-29	11/8/2004	<0.0100	1.05	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	4.09	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	11/29/2005	<0.0200	6.18	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/2/2006	<0.02	4.77	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/2/2006	<0.02	4.69	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-30	11/5/2004	<0.0100	6.55	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	7.71	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	11/29/2005	0.0284	5.43	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/2/2006	<0.02	8.28	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	<0.02	9.19	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-31	11/8/2004	<0.0100	2.63	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	7.66	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	11/30/2005	0.0476	5.13	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/4/2006	0.0365	7.69	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	0.0394	8.36	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MW-32	5/3/2006	<0.02	1.64	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	<0.1	3.08	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025
MW-34	5/3/2006	<0.02	9.93	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	<0.02	8.29	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-1	8/29/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.0681	ND	ND	NP	ND	0.022	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	ND	ND	ND	NP	ND	ND	ND
	4/23/2003	ND	0.141	ND	0.01	NP	ND	ND	ND
	10/23/2003	ND	0.113	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.100	0.107	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/3/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.049	<0.001	0.02	NP	<0.0002	<0.01	<0.002
	12/1/2005	<0.0200	0.0606	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/10/2006	<0.02	0.0535	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	<0.02	0.0876	<0.005	0.0161	<0.015	<0.0002	<0.02	<0.005
MWD-2	8/29/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	ND	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.101	ND	ND	NP	ND	ND	ND
	4/24/2003	ND	0.206	ND	0.01	NP	ND	ND	ND
	10/23/2003	ND	0.164	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.100	0.164	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/3/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.08	<0.001	0.014	NP	<0.0002	<0.01	<0.002
	12/1/2005	0.0221	0.109	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/5/2006	<0.02	0.103	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	<0.02	0.12	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MWD-3	8/29/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	0.0169	0.226	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.122	ND	ND	NP	ND	ND	ND
	4/28/2003	ND	0.333	ND	ND	NP	ND	ND	ND
	10/28/2003	ND	0.072	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.100	0.637	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/9/2004	<0.0100	0.135	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.042	<0.001	0.042	NP	<0.0002	<0.01	<0.002
	5/11/2006	<0.02	0.141	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/9/2006	0.0346	0.278	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-4	8/29/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	ND	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	0.430	ND	ND	NP	ND	ND	0.0125
	9/13/2002	ND	0.722	ND	ND	NP	ND	ND	ND
	4/24/2003	ND	0.973	ND	ND	NP	ND	ND	ND
	10/24/2003	ND	1.05	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.0100	1.22	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/5/2004	<0.0100	0.944	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.983	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	11/29/2005	0.0268	1.01	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/3/2006	0.027	1.01	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/2/2006	0.0333	0.926	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-5	8/29/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	0.0113	4.44	ND	ND	NP	ND	0.155	ND
	4/15/2002	0.104	ND	ND	ND	NP	ND	ND	ND
	4/30/2003	0.051	5.91	ND	ND	NP	0.00027	ND	ND
	10/28/2003	0.079	4.54	ND	ND	NP	0.00037	ND	ND
	4/26/2004	<0.0100	5.76	<0.00500	<0.0100	NP	0.00036	<0.0100	<0.0125
	11/9/2004	<0.0100	4.06	<0.00500	<0.0100	NP	0.00052	<0.0500	<0.0125
	5/16/2005	<0.01	3.45	<0.001	0.018	NP	0.00021	<0.01	<0.002
	12/13/2005	0.119	4.57	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	0.0852	4.15	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	0.134	3.79	<0.025	<0.075	<0.075	0.00024	<0.02	<0.025
MWD-6	8/29/2001	ND	ND	ND	ND	NP	ND	ND	ND
	10/16/2001	ND	0.961	ND	ND	NP	ND	0.0119	ND
	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	3.17	ND	ND	NP	ND	ND	ND
	4/23/2003	ND	3.72	ND	ND	NP	ND	ND	ND
	10/23/2003	ND	1.58	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.0100	1.81	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/5/2004	<0.0100	0.266	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.224	<0.001	0.056	NP	<0.0002	<0.01	<0.002
	12/13/2005	<0.0200	0.3	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	<0.02	0.314	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	<0.02	0.543	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-7	4/15/2002	ND	0.608	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.106	ND	ND	NP	ND	ND	ND
	4/22/2003	ND	0.074	ND	ND	NP	ND	ND	ND
	10/22/2003	ND	0.052	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.100	<0.100	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/3/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.032	<0.001	0.013	NP	<0.0002	<0.01	<0.002
	12/1/2005	<0.0200	0.0353	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/10/2006	<0.02	0.0386	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/3/2006	<0.02	0.0388	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MWD-8	4/15/2002	ND	0.117	ND	0.0114	NP	ND	ND	ND
	9/13/2002	ND	0.142	ND	0.0136	NP	ND	ND	ND
	4/23/2003	ND	0.272	ND	0.013	NP	ND	ND	ND
	10/23/2003	ND	0.168	ND	ND	NP	ND	ND	ND
	4/21/2004	<0.100	0.181	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/3/2004	<0.0100	0.13	<0.00500	0.011	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.099	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	12/1/2005	<0.0200	0.123	<0.0050	0.0195	<0.02	<0.00020	<0.0200	<0.0050
	5/5/2006	<0.02	0.114	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/3/2006	<0.1	0.109	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025
MWD-9	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	ND	ND	ND	NP	ND	ND	ND
	4/25/2003	ND	0.178	ND	ND	NP	ND	ND	ND
	10/28/2003	ND	0.05	ND	ND	NP	ND	ND	ND
	4/22/2004	<1.00	<1.00	<0.500	<1.00	NP	<0.000200	<1.00	<1.25
	11/9/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	0.00021	<0.0500	<0.0125
	5/16/2005	<0.01	0.364	<0.001	0.051	NP	<0.0002	<0.01	<0.002
	5/11/2006	<0.02	0.0705	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
MWD-10	4/15/2002	0.0558	0.436	ND	ND	NP	ND	ND	ND
	9/13/2002	0.0649	0.678	ND	ND	NP	ND	ND	ND
	4/23/2003	ND	1.38	ND	ND	NP	ND	ND	ND
	10/24/2003	ND	1.3	ND	ND	NP	ND	ND	ND
	4/23/2004	<0.100	1.24	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/9/2004	<0.0100	0.899	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.822	<0.001	<0.01	NP	<0.0002	<0.01	<0.002
	12/2/2005	0.0785	0.961	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	0.0593	0.757	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/9/2006	0.0854	1.11	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-11	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	ND	ND	ND	NP	ND	ND	ND
	4/22/2003	ND	0.133	ND	ND	NP	ND	ND	ND
	10/21/2003	ND	0.104	ND	ND	NP	ND	ND	ND
	4/20/2004	<0.0100	0.109	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/3/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	1.06	<0.001	0.04	NP	<0.0002	<0.01	<0.002
	12/1/2005	<0.0200	0.105	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/5/2006	<0.02	0.0912	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	0.0485	1.21	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-12	4/15/2002	ND	0.478	ND	ND	NP	ND	ND	ND
	9/13/2002	0.0602	0.963	ND	ND	NP	ND	ND	ND
	4/24/2003	ND	1.35	ND	ND	NP	ND	ND	ND
	10/23/2003	ND	0.897	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.100	0.759	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/5/2004	<0.0100	0.457	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.549	<0.001	0.043	NP	<0.0002	<0.01	<0.002
	12/13/2005	0.0503	0.435	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	0.055	0.434	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/1/2006	<0.1	0.411	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025
MWD-13	4/15/2002	ND	ND	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	ND	ND	ND	NP	ND	ND	ND
	4/24/2003	ND	0.186	ND	0.018	NP	ND	ND	ND
	10/24/2003	ND	0.181	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.100	0.116	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/5/2004	<0.0100	<0.100	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.037	<0.001	0.028	NP	<0.0002	<0.01	<0.002
	11/29/2005	0.0337	0.0506	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/3/2006	0.0324	0.0524	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/2/2006	<0.1	0.0367	<0.025	<0.075	<0.075	<0.0002	<0.02	<0.025

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
MWD-14	4/15/2002	ND	0.163	ND	ND	NP	ND	ND	ND
	9/13/2002	ND	0.243	ND	ND	NP	ND	ND	ND
	4/25/2003	ND	0.539	ND	ND	NP	ND	ND	ND
	10/24/2003	ND	0.402	ND	ND	NP	ND	ND	ND
	4/22/2004	<0.100	0.344	<0.0500	<0.100	NP	<0.000200	<0.100	<0.125
	11/9/2004	<0.0100	0.173	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.193	<0.001	0.017	NP	<0.0002	<0.01	<0.002
	12/2/2005	0.0507	0.253	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	0.0426	0.17	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/8/2006	0.0566	0.142	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-15	1/11/2005	<0.0100	0.186	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.655	<0.001	0.017	NP	<0.0002	<0.01	<0.002
	12/2/2005	0.057	0.883	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	0.0253	1.5	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	<0.02	2.3	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-16	11/8/2004	<0.0100	0.337	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	1.01	<0.001	0.014	NP	<0.0002	<0.01	<0.002
	12/2/2005	0.032	1.24	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	0.034	1.28	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/8/2006	0.0227	1.43	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
MWD-17	11/8/2004	<0.0100	0.248	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	0.586	0.013	0.246	NP	<0.0002	<0.01	<0.002
	12/2/2005	0.0395	1.57	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	<0.02	0.604	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	0.0424	0.541	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
RW-1	4/15/2002	ND	2.66	ND	ND	NP	ND	ND	ND
RW-6	5/5/2006	<0.02	0.354	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/8/2006	<0.02	0.458	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
RW-7	5/5/2006	<0.02	0.211	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/8/2006	<0.02	0.0703	<0.005	0.0158	<0.015	0.00021	<0.02	<0.005
RW-8	5/5/2006	0.0225	0.236	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/8/2006	0.0209	0.253	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
TMW-1	12/7/1995	0.0223	0.346	ND	ND	NP	ND	0.014	ND
	6/6/1996	0.3243	0.0519	ND	ND	NP	ND	ND	ND
	6/2/1997	ND	ND	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	0.58	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	0.645	ND	ND	NP	ND	ND	ND
	10/16/2001	0.0282	0.626	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	0.624	ND	ND	NP	ND	ND	ND
	9/13/2002	0.0562	0.998	ND	ND	NP	ND	ND	ND
	4/22/2003	ND	0.918	ND	ND	NP	ND	ND	ND
	10/22/2003	ND	1.01	ND	ND	NP	ND	ND	ND
	4/20/2004	<0.0100	1.17	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/9/2004	<0.0100	1.19	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	1.34	0.008	0.112	NP	<0.0002	<0.01	<0.002
	12/1/2005	0.0417	1.51	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/5/2006	0.049	1.36	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/6/2006	<0.02	<0.005	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
TMW-2	12/7/1995	0.0268	0.807	0.01	ND	NP	ND	0.009	ND
	6/6/1996	0.031	2.08	ND	ND	NP	ND	ND	ND
	6/2/1997	ND	3.0	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	4.66	ND	ND	NP	ND	ND	ND
	10/16/2001	0.0231	5.76	ND	0.0155	NP	ND	ND	ND
	12/19/2005	0.0521	2.38	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
TMW-3	12/7/1995	0.0293	1.14	ND	0.0251	NP	0.0002	0.016	ND
	6/6/1996	0.0464	1.77	ND	0.0213	NP	ND	ND	ND
	6/2/1997	ND	1.0	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	2.6	ND	ND	NP	ND	ND	ND
	3/22/2001	ND	2.13	ND	ND	NP	ND	ND	ND
	10/16/2001	0.0167	2.46	ND	ND	NP	ND	ND	ND
	4/15/2002	ND	1.84	ND	ND	NP	ND	ND	ND
	9/13/2002	0.0555	1.33	ND	ND	NP	ND	ND	ND
	4/28/2003	ND	3.31	ND	ND	NP	ND	ND	ND
	10/27/2003	0.031	2.83	ND	ND	NP	ND	ND	ND
	4/23/2004	<0.0100	3.41	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/9/2004	<0.0100	2.33	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	2.23	0.008	0.072	NP	<0.0002	<0.0100	<0.002
	12/6/2005	0.0526	1.24	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/11/2006	0.0405	1.18	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/9/2006	0.0728	1.73	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
TMW-5	12/7/1995	0.0783	0.456	ND	ND	NP	ND	ND	ND
	6/6/1996	0.0716	1.04	ND	ND	NP	ND	ND	ND
	6/2/1997	ND	0.9	ND	ND	NP	ND	ND	ND
	8/23/2000	0.05	1.1	ND	ND	NP	ND	ND	ND
	12/19/2005	0.0859	0.917	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	11/9/2006	0.0736	0.849	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
TMW-6	12/7/1995	0.323	1.36	ND	0.0316	NP	ND	0.003	ND
	6/6/1996	0.0693	1.72	ND	ND	NP	ND	ND	ND
	6/2/1997	ND	1.3	ND	ND	NP	ND	ND	ND
	8/23/2000	0.13	2.6	ND	ND	NP	ND	ND	ND
	3/22/2001	0.143	1.9	ND	ND	NP	ND	ND	ND
	10/16/2001	0.131	1.98	ND	ND	NP	ND	ND	ND
	4/15/2002	0.123	1.61	ND	ND	NP	ND	ND	ND
	9/13/2002	0.126	1.40	ND	ND	NP	ND	ND	ND
	4/28/2003	0.124	2.51	ND	ND	NP	ND	ND	ND
	10/27/2003	0.173	1.53	ND	ND	NP	ND	ND	ND
	4/23/2004	<0.0100	1.9	<0.00500	<0.0100	NP	<0.000200	<0.0100	<0.0125
	11/9/2004	0.124	1.45	<0.00500	<0.0100	NP	<0.000200	<0.0500	<0.0125
	5/16/2005	<0.01	1.63	0.007	0.09	NP	<0.0002	<0.01	<0.002
	12/13/2005	0.105	1.61	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/12/2006	0.115	1.4	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
	11/9/2006	0.0978	1.25	<0.005	<0.015	<0.015	<0.0002	<0.02	<0.005
WW-1	9/10/1996	ND	0.97	ND	ND	NP	ND	ND	ND
	5/28/1997	ND	0.6	ND	ND	NP	ND	ND	1.4
	8/23/2000	ND	1.1	ND	ND	NP	ND	ND	ND
WW-2	9/10/1996	ND	0.49	ND	ND	NP	ND	ND	ND
	5/28/1997	ND	0.6	ND	ND	NP	ND	ND	ND
	11/29/2005	<0.0200	0.367	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/2/2006	<0.02	0.166	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
WW-3	9/10/1996	ND	2	ND	ND	NP	ND	ND	ND
	5/28/1997	ND	0.8	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	1.3	ND	ND	NP	ND	ND	ND
WW-4	9/10/1996	ND	ND	ND	ND	NP	ND	ND	ND
	5/28/1997	ND	ND	ND	ND	NP	ND	ND	ND
	11/30/2005	<0.0200	0.108	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/4/2006	0.0346	0.281	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
WW-5	9/10/1996	ND	ND	ND	ND	NP	ND	ND	ND
	5/28/1997	ND	0.3	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	2.7	ND	ND	NP	ND	ND	ND
	11/30/2005	<0.0200	2.64	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/4/2006	<0.02	0.139	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005

Table 5: Cumulative Metals Results in Groundwater
Eunice South Gas Plant

Well ID	Sample Date	Arsenic (mg/l)	Barium (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Lead (mg/l)	Mercury (mg/l)	Selenium (mg/l)	Silver (mg/l)
NM WQCC Standard		**0.1**	**1.0**	**0.01**	**0.05**	**0.05**	**0.002**	**0.05**	**0.05**
WW-6	5/28/1997	ND	0.3	ND	ND	NP	ND	ND	ND
	11/30/2005	<0.0200	0.0942	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/4/2006	0.0263	0.3	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005
WW-7	5/28/1997	ND	0.30	ND	ND	NP	ND	ND	ND
	8/23/2000	ND	0.42	ND	ND	NP	ND	ND	ND
	11/29/2005	<0.0200	0.698	<0.0050	<0.0150	<0.02	<0.00020	<0.0200	<0.0050
	5/2/2006	<0.02	0.425	<0.005	<0.015	<0.02	<0.0002	<0.02	<0.005

mg/l = milligrams per liter
NM WQCC Standard = New Mexico Water Quality Control Commission Human Health Standard.
NP = Not provided in historical data.
ND = Not detected above reporting limit. More recent samples not detected above reporting limits are denoted with <.

Notes:
1. Wells with treatment equipment present were not sampled with the exception of MWD-3, MWD-9, RW-6, RW-7, RW-8, MW-24, MW-25, MW-26, and MW-27. Wells with PSH present were not sampled.
2. For each well, only sampling events where samples were collected for metals analysis are shown. Wells where no metals samples have been collected are not shown.

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
FIRST QUARTER 2006					
MW4-W-022806	Chloride (titrimetric)		9450	mg/l	1.41%
DUP-1	Chloride (titrimetric)		8930	mg/l	
MW4-W-022806	Benzene		0.024	mg/l	16.67%
DUP-1	Benzene		0.012	mg/l	
MW4-W-022806	Toluene	<	0.001	mg/l	0.00%
DUP-1	Toluene	<	0.001	mg/l	
MW4-W-022806	Ethylbenzene	<	0.001	mg/l	0.00%
DUP-1	Ethylbenzene	<	0.001	mg/l	
MW4-W-022806	Total Xylenes	<	0.003	mg/l	0.00%
DUP-1	Total Xylenes	<	0.003	mg/l	
MWD14-W-030206	Chloride (titrimetric)		13000	mg/l	0.58%
DUP-2	Chloride (titrimetric)		12700	mg/l	
MWD14-W-030206	Benzene		1.5	mg/l	1.72%
DUP-2	Benzene		1.4	mg/l	
MWD14-W-030206	Toluene	<	0.01	mg/l	21.94%
DUP-2	Toluene		0.0039	mg/l	
MWD14-W-030206	Ethylbenzene		0.068	mg/l	3.97%
DUP-2	Ethylbenzene		0.058	mg/l	
MWD14-W-030206	Total Xylenes	<	0.03	mg/l	5.56%
DUP-2	Total Xylenes		0.024	mg/l	
FIRST QUARTER 2006 AVERAGE					**5.19%**

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
SECOND QUARTER 2006					
MW7-W-050306	Arsenic	<	0.02	mg/l	1.34%
DUP-1	Arsenic		0.0211	mg/l	
MW14-W-050406	Arsenic	<	0.02	mg/l	0.00%
DUP-2	Arsenic	<	0.02	mg/l	
MWD9-W-051106	Arsenic	<	0.02	mg/l	0.00%
DUP-3	Arsenic	<	0.02	mg/l	
MW7-W-050306	Barium		0.986	mg/l	0.15%
DUP-1	Barium		0.992	mg/l	
MW14-W-050406	Barium		0.0714	mg/l	1.15%
DUP-2	Barium		0.0682	mg/l	
MWD9-W-051106	Barium		0.0705	mg/l	0.18%
DUP-3	Barium		0.071	mg/l	
MW7-W-050306	Benzene		0.007	mg/l	1.39%
DUP-1	Benzene		0.0074	mg/l	
MW14-W-050406	Benzene	<	0.001	mg/l	0.00%
DUP-2	Benzene	<	0.001	mg/l	
MWD9-W-051106	Benzene		0.0064	mg/l	0.39%
DUP-3	Benzene		0.0063	mg/l	
TMW1-W-051706	Benzene		0.17	mg/l	0.00%
DUP-4	Benzene		0.17	mg/l	
MW7-W-050306	Cadmium	<	0.005	mg/l	0.00%
DUP-1	Cadmium	<	0.005	mg/l	
MW14-W-050406	Cadmium	<	0.005	mg/l	0.00%
DUP-2	Cadmium	<	0.005	mg/l	
MWD9-W-051106	Cadmium	<	0.005	mg/l	0.00%
DUP-3	Cadmium	<	0.005	mg/l	
MW7-W-050306	Chloride (titrimetric)		79.2	mg/l	1.10%
DUP-1	Chloride (titrimetric)		75.8	mg/l	
MW14-W-050406	Chloride (titrimetric)		419	mg/l	0.24%
DUP-2	Chloride (titrimetric)		415	mg/l	
MWD9-W-051106	Chloride (titrimetric)		32900	mg/l	0.75%
DUP-3	Chloride (titrimetric)		33900	mg/l	
MW7-W-050306	Chromium	<	0.015	mg/l	0.00%
DUP-1	Chromium	<	0.015	mg/l	
MW14-W-050406	Chromium	<	0.015	mg/l	0.00%
DUP-2	Chromium	<	0.015	mg/l	
MWD9-W-051106	Chromium	<	0.015	mg/l	0.00%
DUP-3	Chromium	<	0.015	mg/l	

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
MW7-W-050306	Ethylbenzene		0.0038	mg/l	0.00%
DUP-1	Ethylbenzene		0.0038	mg/l	
MW14-W-050406	Ethylbenzene	<	0.001	mg/l	0.00%
DUP-2	Ethylbenzene	<	0.001	mg/l	
MWD9-W-051106	Ethylbenzene		0.002	mg/l	3.49%
DUP-3	Ethylbenzene		0.0023	mg/l	
TMW1-W-051706	Ethylbenzene		0.034	mg/l	1.52%
DUP-4	Ethylbenzene		0.032	mg/l	
MW7-W-050306	Lead	<	0.02	mg/l	0.00%
DUP-1	Lead	<	0.02	mg/l	
MW14-W-050406	Lead	<	0.02	mg/l	0.00%
DUP-2	Lead	<	0.02	mg/l	
MWD9-W-051106	Lead	<	0.02	mg/l	0.00%
DUP-3	Lead	<	0.02	mg/l	
MW7-W-050306	Mercury	<	0.0002	mg/l	0.00%
DUP-1	Mercury	<	0.0002	mg/l	
MW14-W-050406	Mercury	<	0.0002	mg/l	0.00%
DUP-2	Mercury	<	0.0002	mg/l	
MWD9-W-051106	Mercury	<	0.0002	mg/l	0.00%
DUP-3	Mercury	<	0.0002	mg/l	
MW7-W-050306	Selenium	<	0.02	mg/l	0.00%
DUP-1	Selenium	<	0.02	mg/l	
MW14-W-050406	Selenium	<	0.02	mg/l	0.00%
DUP-2	Selenium	<	0.02	mg/l	
MWD9-W-051106	Selenium	<	0.02	mg/l	0.00%
DUP-3	Selenium	<	0.02	mg/l	
MW7-W-050306	Silver	<	0.005	mg/l	0.00%
DUP-1	Silver	<	0.005	mg/l	
MW14-W-050406	Silver	<	0.005	mg/l	0.00%
DUP-2	Silver	<	0.005	mg/l	
MWD9-W-051106	Silver	<	0.005	mg/l	0.00%
DUP-3	Silver	<	0.005	mg/l	
MW7-W-050306	Toluene	<	0.001	mg/l	0.00%
DUP-1	Toluene	<	0.001	mg/l	
MW14-W-050406	Toluene	<	0.001	mg/l	0.00%
DUP-2	Toluene	<	0.001	mg/l	
MWD9-W-051106	Toluene	<	0.001	mg/l	0.00%
DUP-3	Toluene	<	0.001	mg/l	
TMW1-W-051706	Toluene		0.0058	mg/l	0.88%
DUP-4	Toluene		0.0056	mg/l	

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
MW7-W-050306	Total Dissolved Solids		852	mg/l	0.62%
DUP-1	Total Dissolved Solids		831	mg/l	
MW14-W-050406	Total Dissolved Solids		1450	mg/l	0.68%
DUP-2	Total Dissolved Solids		1490	mg/l	
MWD9-W-051106	Total Dissolved Solids		56400	mg/l	0.83%
DUP-3	Total Dissolved Solids		58300	mg/l	
MW7-W-050306	Total Xylenes		0.0051	mg/l	0.50%
DUP-1	Total Xylenes		0.005	mg/l	
MW14-W-050406	Total Xylenes	<	0.003	mg/l	0.00%
DUP-2	Total Xylenes	<	0.003	mg/l	
MWD9-W-051106	Total Xylenes	<	0.003	mg/l	0.00%
DUP-3	Total Xylenes	<	0.003	mg/l	
TMW1-W-051706	Total Xylenes		0.03	mg/l	1.72%
DUP-4	Total Xylenes		0.028	mg/l	
SECOND QUARTER 2006 AVERAGE					**0.37%**

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
THIRD QUARTER 2006					
MWD12-W-080906	Benzene		0.17	mg/l	0.00%
DUP-1	Benzene		0.17	mg/l	
MWD10-W-081006	Benzene		0.47	mg/l	0.00%
DUP-2	Benzene		0.47	mg/l	
MWD12-W-080906	Chloride (titrimetric)		5450	mg/l	2.69%
DUP-1	Chloride (titrimetric)		6070	mg/l	
MWD10-W-081006	Chloride (titrimetric)		8730	mg/l	3.17%
DUP-2	Chloride (titrimetric)		7690	mg/l	
MWD12-W-080906	Ethylbenzene		0.016	mg/l	0.00%
DUP-1	Ethylbenzene		0.016	mg/l	
MWD10-W-081006	Ethylbenzene		0.15	mg/l	0.00%
DUP-2	Ethylbenzene		0.15	mg/l	
MWD12-W-080906	Toluene	<	0.001	mg/l	0.00%
DUP-1	Toluene	<	0.001	mg/l	
MWD10-W-081006	Toluene	<	0.005	mg/l	0.00%
DUP-2	Toluene	<	0.005	mg/l	
MWD12-W-080906	Total Xylenes	<	0.003	mg/l	0.00%
DUP-1	Total Xylenes	<	0.003	mg/l	
MWD10-W-081006	Total Xylenes	<	0.015	mg/l	0.00%
DUP-2	Total Xylenes	<	0.015	mg/l	
THIRD QUARTER 2006 AVERAGE					**0.59%**

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
FOURTH QUARTER 2006					
MWD5-W-110106	Arsenic		0.134	mg/l	2.14%
DUP-1	Arsenic		0.146	mg/l	
MWD7-W-110306	Arsenic	<	0.02	mg/l	0.00%
DUP-2	Arsenic	<	0.02	mg/l	
MWD11-W-110606	Arsenic		0.0485	mg/l	20.80%
DUP-3	Arsenic	<	0.02	mg/l	
RW6-W-110806	Arsenic	<	0.02	mg/l	0.00%
DUP-4	Arsenic	<	0.02	mg/l	
MW12-W-111106	Arsenic		0.29	mg/l	0.26%
DUP-5	Arsenic		0.293	mg/l	
MWD5-W-110106	Barium		3.79	mg/l	0.46%
DUP-1	Barium		3.86	mg/l	
MWD7-W-110306	Barium		0.0388	mg/l	2.01%
DUP-2	Barium		0.0358	mg/l	
MWD11-W-110606	Barium		1.21	mg/l	41.88%
DUP-3	Barium		0.107	mg/l	
RW6-W-110806	Barium		0.458	mg/l	0.59%
DUP-4	Barium		0.469	mg/l	
MW12-W-111106	Barium		0.808	mg/l	1.56%
DUP-5	Barium		0.759	mg/l	
MWD5-W-110106	Benzene		1.3	mg/l	7.27%
DUP-1	Benzene		0.97	mg/l	
MWD7-W-110306	Benzene		0.0059	mg/l	4.63%
DUP-2	Benzene		0.0049	mg/l	
MWD11-W-110606	Benzene		0.013	mg/l	4.17%
DUP-3	Benzene		0.011	mg/l	
RW6-W-110806	Benzene		0.0053	mg/l	0.47%
DUP-4	Benzene		0.0054	mg/l	
MW12-W-111106	Benzene		44	mg/l	5.00%
DUP-5	Benzene		36	mg/l	
MWD5-W-110106	Cadmium	<	0.025	mg/l	0.00%
DUP-1	Cadmium	<	0.025	mg/l	
MWD7-W-110306	Cadmium	<	0.005	mg/l	0.00%
DUP-2	Cadmium	<	0.005	mg/l	
MWD11-W-110606	Cadmium	<	0.005	mg/l	0.00%
DUP-3	Cadmium	<	0.005	mg/l	
RW6-W-110806	Cadmium	<	0.005	mg/l	0.00%
DUP-4	Cadmium	<	0.005	mg/l	
MW12-W-111106	Cadmium	<	0.005	mg/l	0.00%
DUP-5	Cadmium	<	0.005	mg/l	

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
MWD5-W-110106	Chloride (titrimetric)		1260	mg/l	0.78%
DUP-1	Chloride (titrimetric)		1300	mg/l	
MWD7-W-110306	Chloride (titrimetric)		7990	mg/l	2.47%
DUP-2	Chloride (titrimetric)		8820	mg/l	
MWD11-W-110606	Chloride (titrimetric)		2640	mg/l	1.91%
DUP-3	Chloride (titrimetric)		2850	mg/l	
RW6-W-110806	Chloride (titrimetric)		31800	mg/l	0.48%
DUP-4	Chloride (titrimetric)		31200	mg/l	
MW12-W-111106	Chloride (titrimetric)		1990	mg/l	0.38%
DUP-5	Chloride (titrimetric)		1960	mg/l	
MWD5-W-110106	Chromium	<	0.075	mg/l	0.00%
DUP-1	Chromium	<	0.075	mg/l	
MWD7-W-110306	Chromium	<	0.015	mg/l	0.00%
DUP-2	Chromium	<	0.015	mg/l	
MWD11-W-110606	Chromium	<	0.015	mg/l	0.00%
DUP-3	Chromium	<	0.015	mg/l	
RW6-W-110806	Chromium	<	0.015	mg/l	0.00%
DUP-4	Chromium	<	0.015	mg/l	
MW12-W-111106	Chromium	<	0.015	mg/l	0.00%
DUP-5	Chromium	<	0.015	mg/l	
MWD5-W-110106	Ethylbenzene	<	0.5	mg/l	0.00%
DUP-1	Ethylbenzene	<	0.5	mg/l	
MWD7-W-110306	Ethylbenzene		0.004	mg/l	3.33%
DUP-2	Ethylbenzene		0.0035	mg/l	
MWD11-W-110606	Ethylbenzene		0.0073	mg/l	0.34%
DUP-3	Ethylbenzene		0.0074	mg/l	
RW6-W-110806	Ethylbenzene		0.003	mg/l	0.82%
DUP-4	Ethylbenzene		0.0031	mg/l	
MW12-W-111106	Ethylbenzene		2.7	mg/l	7.45%
DUP-5	Ethylbenzene		2	mg/l	
MWD5-W-110106	Lead	<	0.075	mg/l	0.00%
DUP-1	Lead	<	0.075	mg/l	
MWD7-W-110306	Lead	<	0.015	mg/l	0.00%
DUP-2	Lead	<	0.015	mg/l	
MWD11-W-110606	Lead	<	0.015	mg/l	0.00%
DUP-3	Lead	<	0.015	mg/l	
RW6-W-110806	Lead	<	0.015	mg/l	0.00%
DUP-4	Lead	<	0.015	mg/l	
MW12-W-111106	Lead	<	0.015	mg/l	0.00%
DUP-5	Lead	<	0.015	mg/l	

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
MWD5-W-110106	Mercury		0.00024	mg/l	1.06%
DUP-1	Mercury		0.00023	mg/l	
MWD7-W-110306	Mercury	<	0.0002	mg/l	0.00%
DUP-2	Mercury	<	0.0002	mg/l	
MWD11-W-110606	Mercury	<	0.0002	mg/l	0.00%
DUP-3	Mercury	<	0.0002	mg/l	
RW6-W-110806	Mercury	<	0.0002	mg/l	0.00%
DUP-4	Mercury	<	0.0002	mg/l	
MW12-W-111106	Mercury	<	0.0002	mg/l	0.00%
DUP-5	Mercury	<	0.0002	mg/l	
MWD5-W-110106	Selenium	<	0.02	mg/l	0.00%
DUP-1	Selenium	<	0.02	mg/l	
MWD7-W-110306	Selenium	<	0.02	mg/l	0.00%
DUP-2	Selenium	<	0.02	mg/l	
MWD11-W-110606	Selenium	<	0.02	mg/l	0.00%
DUP-3	Selenium	<	0.02	mg/l	
RW6-W-110806	Selenium	<	0.02	mg/l	0.00%
DUP-4	Selenium	<	0.02	mg/l	
MW12-W-111106	Selenium	<	0.02	mg/l	0.00%
DUP-5	Selenium	<	0.02	mg/l	
MWD5-W-110106	Silver	<	0.025	mg/l	0.00%
DUP-1	Silver	<	0.025	mg/l	
MWD7-W-110306	Silver	<	0.005	mg/l	0.00%
DUP-2	Silver	<	0.005	mg/l	
MWD11-W-110606	Silver	<	0.005	mg/l	0.00%
DUP-3	Silver	<	0.005	mg/l	
RW6-W-110806	Silver	<	0.005	mg/l	0.00%
DUP-4	Silver	<	0.005	mg/l	
MW12-W-111106	Silver	<	0.005	mg/l	0.00%
DUP-5	Silver	<	0.005	mg/l	
MWD5-W-110106	Toluene	<	0.5	mg/l	0.00%
DUP-1	Toluene	<	0.5	mg/l	
MWD7-W-110306	Toluene	<	0.001	mg/l	0.00%
DUP-2	Toluene	<	0.001	mg/l	
MWD11-W-110606	Toluene	<	0.001	mg/l	0.00%
DUP-3	Toluene	<	0.001	mg/l	
RW6-W-110806	Toluene		0.0041	mg/l	0.60%
DUP-4	Toluene		0.0042	mg/l	
MW12-W-111106	Toluene		5.6	mg/l	6.00%
DUP-5	Toluene		4.4	mg/l	

Table 6: 2006 Groundwater Sampling Duplicate Relative Percent Difference Summary
Eunice South Gas Plant

Sample ID	Analyte	Less than DL	Result	Units	RPD
MWD5-W-110106	Total Dissolved Solids		3860	mg/l	0.77%
DUP-1	Total Dissolved Solids		3980	mg/l	
MWD7-W-110306	Total Dissolved Solids		17000	mg/l	0.44%
DUP-2	Total Dissolved Solids		17300	mg/l	
MWD11-W-110606	Total Dissolved Solids		5110	mg/l	0.10%
DUP-3	Total Dissolved Solids		5130	mg/l	
RW6-W-110806	Total Dissolved Solids		56200	mg/l	1.00%
DUP-4	Total Dissolved Solids		54000	mg/l	
MW12-W-111106	Total Dissolved Solids		5050	mg/l	0.10%
DUP-5	Total Dissolved Solids		5070	mg/l	
MWD5-W-110106	Total Xylenes	<	1.5	mg/l	0.00%
DUP-1	Total Xylenes	<	1.5	mg/l	
MWD7-W-110306	Total Xylenes	<	0.003	mg/l	0.00%
DUP-2	Total Xylenes	<	0.003	mg/l	
MWD11-W-110606	Total Xylenes	<	0.003	mg/l	0.00%
DUP-3	Total Xylenes	<	0.003	mg/l	
RW6-W-110806	Total Xylenes		0.0046	mg/l	0.54%
DUP-4	Total Xylenes		0.0047	mg/l	
MW12-W-111106	Total Xylenes		3.4	mg/l	6.67%
DUP-5	Total Xylenes		2.6	mg/l	
FOURTH QUARTER 2006 AVERAGE					**1.81%**
2006 AVERAGE					**1.99%**

Notes:
DL= Detection Limit
RPD = Relative Percent Difference
mg/l = milligrams per liter

Table 7: Truck Loading Area Investigation Soil Results
Eunice South Gas Plant

Sample Name	Sample Depth	Sample Date	Analyte	Less Than DL	Analytical Result	Units	Detection Limit	Qualifier
MW-33-(5-6)-S-051105	5-6'	11/5/2005	Moisture		6.0	%	0.5	
MW-33-(5-6)-S-051106	5-6'	11/6/2005	TPH-GRO 8015B - soil	<	1.1	mg/kg	1.1	U
MW-33-(5-6)-S-051106	5-6'	11/6/2005	Total TPH	<	13	mg/kg	13	U
MW-33-(5-6)-S-051106	5-6'	11/6/2005	Benzene		6.8	ug/kg	5.3	
MW-33-(5-6)-S-051106	5-6'	11/6/2005	Toluene		8.4	ug/kg	5.3	
MW-33-(5-6)-S-051106	5-6'	11/6/2005	Ethylbenzene		7.9	ug/kg	5.3	
MW-33-(5-6)-S-051106	5-6'	11/6/2005	Total Xylenes		22	ug/kg	16	
MW-33-(10-11)-S-051106	10-11'	11/6/2005	Moisture		11.9	%	0.5	
MW-33-(10-11)-S-051106	10-11'	11/6/2005	TPH-GRO 8015B - soil	<	1.1	mg/kg	1.1	U
MW-33-(10-11)-S-051106	10-11'	11/6/2005	Total TPH	<	14	mg/kg	14	U
MW-33-(10-11)-S-051106	10-11'	11/6/2005	>C12-C35	<	14	mg/kg	14	U
MW-33-(10-11)-S-051106	10-11'	11/6/2005	Benzene	<	5.7	ug/kg	5.7	U
MW-33-(10-11)-S-051106	10-11'	11/6/2005	Toluene	<	5.7	ug/kg	5.7	U
MW-33-(10-11)-S-051106	10-11'	11/6/2005	Ethylbenzene	<	5.7	ug/kg	5.7	U
MW-33-(10-11)-S-051106	10-11'	11/6/2005	Total Xylenes	<	17	ug/kg	17	U
MW-33-(15-16)-S-051106	15-16'	11/6/2005	Moisture		7.8	%	0.5	
MW-33-(15-16)-S-051106	15-16'	11/6/2005	TPH-GRO 8015B - soil	<	1.1	mg/kg	1.1	U
MW-33-(15-16)-S-051106	15-16'	11/6/2005	Total TPH	<	13	mg/kg	13	U
MW-33-(15-16)-S-051106	15-16'	11/6/2005	Benzene	<	5.4	ug/kg	5.4	U
MW-33-(15-16)-S-051106	15-16'	11/6/2005	Toluene	<	5.4	ug/kg	5.4	U
MW-33-(15-16)-S-051106	15-16'	11/6/2005	Ethylbenzene	<	5.4	ug/kg	5.4	U
MW-33-(15-16)-S-051106	15-16'	11/6/2005	Total Xylenes	<	16	ug/kg	16	U
MW-33-(20-21)-S-051106	20-21'	11/6/2005	Moisture		7.7	%	0.5	
MW-33-(20-21)-S-051106	20-21'	11/6/2005	TPH-GRO 8015B - soil	<	1.1	mg/kg	1.1	U
MW-33-(20-21)-S-051106	20-21'	11/6/2005	Total TPH	<	13	mg/kg	13	U
MW-33-(20-21)-S-051106	20-21'	11/6/2005	Benzene	<	5.4	ug/kg	5.4	U
MW-33-(20-21)-S-051106	20-21'	11/6/2005	Toluene	<	5.4	ug/kg	5.4	U
MW-33-(20-21)-S-051106	20-21'	11/6/2005	Ethylbenzene	<	5.4	ug/kg	5.4	U
MW-33-(20-21)-S-051106	20-21'	11/6/2005	Total Xylenes	<	16	ug/kg	16	U
MW-33-(25-26)-S-051106	25-26'	11/6/2005	Moisture		6.6	%	0.5	
MW-33-(25-26)-S-051106	25-26'	11/6/2005	TPH-GRO 8015B - soil	<	1.1	mg/kg	1.1	U
MW-33-(25-26)-S-051106	25-26'	11/6/2005	Total TPH	<	13	mg/kg	13	U
MW-33-(25-26)-S-051106	25-26'	11/6/2005	Benzene	<	5.4	ug/kg	5.4	U
MW-33-(25-26)-S-051106	25-26'	11/6/2005	Toluene		12	ug/kg	5.4	
MW-33-(25-26)-S-051106	25-26'	11/6/2005	Ethylbenzene	<	5.4	ug/kg	5.4	U
MW-33-(25-26)-S-051106	25-26'	11/6/2005	Total Xylenes	<	16	ug/kg	16	U

Table 7: Truck Loading Area Investigation Soil Results
Eunice South Gas Plant

Sample Name	Sample Depth	Sample Date	Analyte	Less Than DL	Analytical Result	Units	Detection Limit	Qualifier
MW-33-(30-31)-S-051106	30-31'	11/6/2005	Moisture		6.6	%	0.5	
MW-33-(30-31)-S-051106	30-31'	11/6/2005	TPH-GRO 8015B - soil	<	1.1	mg/kg	1.1	U
MW-33-(30-31)-S-051106	30-31'	11/6/2005	Total TPH	<	13	mg/kg	13	U
MW-33-(30-31)-S-051106	30-31'	11/6/2005	Benzene	<	5.4	ug/kg	5.4	U
MW-33-(30-31)-S-051106	30-31'	11/6/2005	Toluene	<	5.4	ug/kg	5.4	U
MW-33-(30-31)-S-051106	30-31'	11/6/2005	Ethylbenzene	<	5.4	ug/kg	5.4	U
MW-33-(30-31)-S-051106	30-31'	11/6/2005	Total Xylenes	<	16	ug/kg	16	U
MW-33-(35-36)-S-051106	35-36'	11/6/2005	Moisture		19.3	%	0.5	
MW-33-(35-36)-S-051106	35-36'	11/6/2005	TPH-GRO 8015B - soil	<	1.2	mg/kg	1.2	U
MW-33-(35-36)-S-051106	35-36'	11/6/2005	Total TPH	<	15	mg/kg	15	U
MW-33-(35-36)-S-051106	35-36'	11/6/2005	Benzene	<	6.2	ug/kg	6.2	U
MW-33-(35-36)-S-051106	35-36'	11/6/2005	Toluene	<	6.2	ug/kg	6.2	U
MW-33-(35-36)-S-051106	35-36'	11/6/2005	Ethylbenzene	<	6.2	ug/kg	6.2	U
MW-33-(35-36)-S-051106	35-36'	11/6/2005	Total Xylenes	<	19	ug/kg	19	U
MW-33-(40-41)-S-051106	40-41'	11/6/2005	Moisture		20	%	0.5	
MW-33-(40-41-S-051106	40-41'	11/6/2005	TPH-GRO 8015B - soil	<	1.3	mg/kg	1.3	U
MW-33-(40-41-S-051106	40-41'	11/6/2005	Total TPH	<	15	mg/kg	15	U
MW-33-(40-41)-S-051106	40-41'	11/6/2005	Benzene	<	6.3	ug/kg	6.3	U
MW-33-(40-41)-S-051106	40-41'	11/6/2005	Toluene	<	6.3	ug/kg	6.3	U
MW-33-(40-41)-S-051106	40-41'	11/6/2005	Ethylbenzene	<	6.3	ug/kg	6.3	U
MW-33-(40-41)-S-051106	40-41'	11/6/2005	Total Xylenes	<	19	ug/kg	19	U
MW-33-(45-46)-S-051106	45-46'	11/6/2005	Moisture		21.2	%	0.5	
MW-33-(45-46)-S-051106	45-46'	11/6/2005	TPH-GRO 8015B - soil	<	1.3	mg/kg	1.3	U
MW-33-(45-46)-S-051106	45-46'	11/6/2005	Total TPH	<	15	mg/kg	15	U
MW-33-(45-46)-S-051106	45-46'	11/6/2005	Benzene	<	6.3	ug/kg	6.3	U
MW-33-(45-46)-S-051106	45-46'	11/6/2005	Toluene	<	6.3	ug/kg	6.3	U
MW-33-(45-46)-S-051106	45-46'	11/6/2005	Ethylbenzene	<	6.3	ug/kg	6.3	U
MW-33-(45-46)-S-051106	45-46'	11/6/2005	Total Xylenes	<	19	ug/kg	19	U

Notes:
DL = Detection Limit
TPH = Total Petroleum Hydrocarbons
TPH-GRO = Total Petroleum Hydrocarbons - Gasoline Range Organics
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
U = Not detected

APPENDIX A
FIELD PARAMETERS

2006 Annual Summary of Investigation and Remediation
Eunice South Gas Plant
Chevron Environmental Management Company

89CH.49527.07
March 7, 2007

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	11/10/2006	0.50	-230.6	7.15	23.78	2.612
MW-3	12/1/2005	8.1	8.0	7.17	21.11	1.365
	5/5/2006	0.69	160.0	7.07	21.13	1.394
	11/6/2006	0.46	-61.9	7.13	20.90	1.307
MW-4	9/11/2005	0.19	-59.6	6.50	23.38	18.57
	12/1/2005	3.3	-65.2	6.62	21.65	23.57
	2/28/2006	0.23	-38.0	6.60	22.70	21.85
	5/5/2006	0.09	-34.4	6.64	22.15	21.17
	8/10/2006	0.41	-112.9	7.42	21.95	21.00
	11/6/2006	0.23	-135.2	6.71	21.57	16.29
MW-6	11/29/2005	4.0	-62.2	6.83	20.81	40.97
	5/3/2006	0.16	-33.8	6.89	21.65	39.28
	11/2/2006	0.21	-120.3	6.98	20.61	27.88
MW-7	11/29/2005	7.1	-97.1	6.92	20.11	1.294
	5/3/2006	0.40	-108.7	6.97	20.74	1.475
	11/2/2006	0.29	-127.9	6.95	19.92	1.389
MW-8	11/29/2005	4.1	-68.8	6.86	20.27	6.875
	5/3/2006	0.76	-63.4	6.84	20.60	7.420
	11/1/2006	0.38	-159.2	6.91	20.24	7.165
MW-9	12/13/2005	0.24	-126.7	6.98	20.10	2.618
	5/12/2006	7.10	229.2	7.70	19.93	1.287
	11/1/2006	0.10	-151.9	6.99	20.24	2.734
MW-10	11/10/2006	0.19	-224.3	7.23	22.18	3.054
MW-11	12/19/2005	0.65	-117.9	6.93	21.35	2.681
	5/17/2006	2.08	-64.4	6.89	24.37	2.684
	11/10/2006	0.23	-235.1	7.12	22.82	2.525
MW-12	11/10/2006	0.14	-305.2	7.42	21.57	7.652
MW-13	11/30/2005	2.5	-143.6	7.14	21.44	2.070
	5/4/2006	0.19	-118.2	7.14	20.78	2.166
	11/6/2006	0.20	-169.4	7.21	20.60	2.059
MW-14	11/30/2005	5.7	-27.8	6.94	21.18	2.286
	5/4/2006	0.14	11.7	6.93	20.61	2.420
	11/6/2006	0.26	53.0	7.03	20.20	2.296
MW-15	9/11/2005	2.05	123.3	6.52	23.01	9.076
	11/30/2005	25.8	116.4	6.71	20.41	8.740
	8/10/2006	2.17	16.8	7.41	21.14	9.093
	11/1/2006	1.11	130.1	6.77	20.13	8.644
MW-16	9/11/2005	3.23	105.6	6.78	24.77	6.757
	11/30/2005	49.4	88.2	6.98	20.77	6.673
	8/10/2006	2.16	-16.3	7.73	26.25	4.547
	11/1/2006	2.08	107.5	7.05	20.59	6.607
MW-17	9/12/2005	0.34	137.7	6.72	22.06	15.76
	12/1/2005	9.1	6.2	6.87	20.40	13.20
	2/28/2006	0.25	21.0	6.80	22.54	13.70
	5/10/2006	0.73	320.1	6.83	21.44	15.36
	8/9/2006	0.91	-66.3	7.51	22.18	15.37
	11/3/2006	0.11	35.1	6.92	20.57	14.49
MW-18	12/1/2005	11.7	-10.6	6.67	20.73	12.47
	5/5/2006	0.70	28.5	6.63	20.96	12.06
	11/3/2006	0.35	-38.1	6.82	20.95	10.44

Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MW-19	11/9/2006	0.24	-224.7	8.03	20.90	11.73
MW-21	12/19/2005	0.27	-125.0	7.06	20.22	7.973
	11/8/2006	0.33	-159.40	7.10	20.64	6.443
MW-22	12/2/2005	2.5	-129.0	7.23	20.74	8.60
	5/11/2006	3.16	257.7	6.75	16.69	16.35
	11/6/2006	0.30	-145.4	7.33	20.71	18.30
MW-23	12/1/2005	6.5	114.5	6.52	20.38	17.82
	5/11/2006	2.69	231.6	6.70	17.58	15.32
	11/6/2006	0.35	-4.4	6.65	20.76	20.33
MW-24	12/19/2005	0.61	-143.6	7.10	21.64	2.054
	5/17/2006	0.72	-114.5	7.03	22.55	2.391
	11/9/2006	0.27	-145.4	7.16	22.43	2.278
MW-25	12/14/2005	0.16	-284.2	7.70	21.40	11.50
	5/12/2006	0.19	-371.4	7.77	22.80	12.21
	11/10/2006	0.19	-335.8	7.76	21.66	11.64
MW-26	12/14/2005	0.52	-171.1	7.11	21.04	3.114
	5/12/2006	0.80	-270.4	7.14	26.90	2.554
MW-27	12/14/2005	0.17	-349.0	8.26	20.58	4.704
	5/12/2006	0.83	-395.0	8.35	22.30	4.800
MW-29	11/29/2005	2.8	-115.3	6.92	19.79	2.503
	5/2/2006	0.67	-122.2	6.99	23.90	2.865
	11/2/2006	0.19	-183.2	7.02	19.63	2.911
MW-30	11/29/2005	3.2	-140.7	7.10	19.89	2.161
	5/2/2006	0.61	-127.0	7.09	20.11	2.240
	11/1/2006	0.14	-129.0	7.14	20.14	2.157
MW-31	11/30/2005	1.8	-145.7	7.06	20.81	2.093
	5/4/2006	0.09	-144.8	7.10	20.51	2.201
	11/6/2006	0.21	-205.9	7.13	19.90	2.213
MW-32	2/28/2006	0.40	104.1	7.07	20.50	5.82
	5/3/2006	0.43	-101.2	6.99	20.55	6.632
	11/1/2006	0.17	-224.2	7.16	20.18	6.128
MW-34	2/28/2006	0.41	-116.2	6.83	23.8	2.92
	5/3/2006	1.05	-95.4	6.85	22.98	3.410
	11/1/2006	0.29	-133.3	6.89	20.59	3.129
MWD-1	9/12/2005	0.41	198.5	6.40	21.24	30.09
	12/1/2005	1.6	74.0	6.49	20.97	36.03
	2/28/2006	0.28	102.6	6.50	21.21	28.53
	5/10/2006	1.05	216.7	6.45	23.76	83.99
	8/10/2006	0.23	-47.8	7.35	21.10	30.89
	11/6/2006	0.14	-5.6	6.50	20.68	39.06
MWD-2	9/11/2005	0.24	34.9	6.39	22.23	51.47
	12/1/2005	4.1	-7.2	6.49	21.66	59.21
	2/28/2006	0.22	20.4	6.45	21.81	50.84
	5/5/2006	0.20	12.7	6.49	22.03	54.240
	8/10/2006	0.38	-68.7	7.30	22.12	49.51
	11/6/2006	0.10	-92.1	6.56	21.62	59.40
MWD-4	9/10/2005	0.99	-136.9	6.75	20.47	2.097
	11/29/2005	3.1	103.1	6.95	20.27	1.970
	2/28/2006	0.23	-104.3	6.90	20.6	1.82
	5/3/2006	0.36	-102.0	7.00	20.70	2.105
	8/9/2006	0.57	-170.0	7.74	20.48	3.073
	11/2/2006	0.18	-137.6	7.00	20.04	1.908

Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MWD-5	12/13/2005	0.12	-350.9	8.79	20.39	5.946
	5/12/2006	0.79	-192.9	7.12	20.75	5.367
	11/1/2006	0.02	-411.4	8.72	20.61	5.740
MWD-6	12/13/2005	0.18	-121.3	6.92	20.47	4.094
	5/12/2006	0.14	-108.6	6.89	20.47	4.317
	11/1/2006	0.14	-157.7	6.97	20.57	4.134
MWD-7	9/12/2005	1.04	141.3	6.67	21.08	23.07
	12/1/2005	2.4	54.9	6.71	20.18	24.85
	2/28/2006	0.49	97.8	6.72	20.36	20.21
	5/10/2006	0.36	145.7	6.79	20.74	23.01
	8/9/2006	0.80	-92.8	7.53	20.48	22.82
	11/3/2006	0.08	48.9	6.77	20.35	25.10
MWD-8	9/11/2005	0.70	118.0	6.47	21.54	25.69
	12/1/2005	2.8	40.1	6.56	20.37	42.60
	2/28/2006	0.57	68.9	6.56	20.96	28.03
	5/5/2006	0.68	96.6	6.61	21.03	31.61
	8/10/2006	0.54	-33.2	7.40	20.96	28.93
	11/3/2006	0.27	55.6	6.63	20.61	34.68
MWD-10	9/12/2005	0.26	-126.5	7.07	22.12	23.42
	12/2/2005	1.3	-174.5	7.23	21.95	23.01
	3/2/2006	0.36	-130.4	7.20	21.28	20.24
	5/11/2006	0.14	-198.2	7.29	21.60	23.18
	8/10/2006	0.42	-199.2	7.83	21.45	23.03
	11/9/2006	0.23	-144.4	7.27	21.68	21.32
MWD-11	12/1/2005	3.5	53.6	6.62	21.24	8.675
	5/5/2006	0.65	111.3	6.59	21.25	8.038
	11/6/2006	0.20	-32.1	6.66	20.91	9.340
MWD-12	9/12/2005	0.28	-97.8	7.00	20.86	17.14
	12/13/2005	2.7	-103.4	7.13	20.26	17.33
	3/2/2006	0.87	-106.3	7.11	20.53	14.88
	5/12/2006	0.17	-112.4	7.12	20.28	16.10
	8/9/2006	1.30	-173.4	7.84	21.68	16.82
	11/1/2006	0.07	-218.7	7.14	20.18	17.19
MWD-13	9/11/2005	0.20	41.9	6.85	21.41	24.64
	11/29/2005	1.9	-55.5	6.90	20.91	37.60
	2/28/2006	0.18	-1.9	6.89	21.10	27.16
	5/3/2006	0.26	-51.0	7.02	21.26	15.170
	8/9/2006	0.60	-86.7	7.64	21.13	39.78
	11/2/2006	0.22	-67.6	7.12	20.63	17.82
MWD-14	9/12/2005	0.17	-178.1	7.42	21.80	35.42
	12/2/2005	0.6	-219.0	7.59	21.27	36.83
	3/2/2006	0.08	-214.3	7.49	21.00	32.28
	5/11/2006	0.13	-193.5	7.62	22.22	37.13
	8/9/2006	0.44	-336.6	8.13	20.92	36.75
	11/8/2006	0.10	-203.4	7.56	20.68	36.63
MWD-15	9/12/2005	0.21	-57.9	6.80	22.06	62.21
	12/2/2005	3.1	-86.8	6.99	21.22	74.15
	3/2/2006	0.16	-93.1	6.91	20.79	54.68
	5/11/2006	0.13	-101.6	7.00	21.11	61.88
	8/10/2006	0.31	-132.9	7.67	21.43	59.60
	11/6/2006	0.27	-163.2	7.21	21.39	25.10

Cumulative Groundwater Field Parameters
Eunice South Gas Plant

Well ID	Date	DO (mg/L)	ORP (mV)	pH	Temperature (Degree C)	Conductivity (mS/cm)
MWD-16	9/12/2005	0.16	-194.6	7.59	21.74	29.67
	12/2/2005	1.2	-235.3	7.79	21.38	28.80
	3/2/2006	0.09	-224.0	7.76	20.96	23.52
	5/11/2006	0.53	-258.1	7.93	21.26	23.48
	8/9/2006	0.30	-352.8	8.40	21.11	28.32
	11/8/2006	0.05	-316.8	8.04	20.76	27.17
MWD-17	9/12/2005	0.23	-18.7	6.42	21.29	108.6
	12/2/2005	4.0	-75.5	6.70	20.86	70.85
	3/2/2006	0.14	-87.5	6.60	20.46	75.35
	5/11/2006	0.62	-93.2	6.69	20.54	69.58
	8/9/2006	0.64	-211.7	7.31	20.89	103.80
	11/6/2006	0.23	-143.0	6.66	20.81	91.33
TMW-1	12/1/2005	5.4	-109.5	6.85	20.77	4.540
	5/5/2006	0.15	-112.8	6.79	21.33	4.855
	11/6/2006	0.21	-159.3	6.88	21.23	4.585
TMW-2	12/19/2005	0.52	-137.3	7.04	20.40	2.464
TMW-3	12/6/2005	9.0	-157.2	7.40	21.45	3.590
	5/11/2006	0.20	-202.1	7.55	22.21	3.821
	11/9/2006	0.27	-192.9	7.51	22.21	3.384
TMW-5	12/19/2005	0.33	-164.8	7.62	20.81	16.62
	11/9/2006	0.24	-180.4	7.46	21.62	13.69
TMW-6	12/13/2005	4.8	-141.8	6.97	21.38	2.689
	5/12/2006	0.30	-143.0	7.02	21.36	2.938
	11/9/2006	0.26	-158.2	7.08	21.95	2.755
WW-2	11/29/2005	1.0	-180.2	7.50	19.27	1.966
	5/2/2006	0.51	-212.4	7.86	22.42	2.646
WW-4	11/30/2005	0.9	-223.6	7.60	21.22	2.749
	5/4/2006	0.09	-212.1	7.60	20.93	2.791
WW-5	11/30/2005	1.4	-178.1	7.04	20.71	4.869
	5/4/2006	0.29	-143.3	7.06	20.21	5.133
WW-6	11/30/2005	1.1	-239.7	7.45	21.04	3.618
	5/4/2006	0.09	-228.8	7.48	22.10	3.721
WW-7	11/29/2005	2.9	-180.9	7.26	19.33	1.999
	5/2/2006	0.13	-134.5	7.19	19.87	2.421

Notes:

DO = dissolved oxygen

mg/L = milligrams per liter

ORP = oxidation reduction potential

mV = millivolts

mS/cm = milliSiemens per centimeter

[ ] DO in %

APPENDIX B
ANALYTICAL LABORATORY REPORTS

2006 Annual Summary of Investigation and Remediation
Eunice South Gas Plant
Chevron Environmental Management Company

89CH.49527.07
March 7, 2007

APPENDIX C
MID-PHASE REVIEW

2006 Annual Summary of Investigation and Remediation
Eunice South Gas Plant
Chevron Environmental Management Company

89CH.49527.07
March 7, 2007

SECOR

m e m o r a n d u m

to: Scott Toner

from: Jeremy Rasmussen, Marisa Patterson, Dan Oberle

re: Eunice South Gas Plant, Mid-Phase Review of Remedial Systems

date: October 27, 2006

PURPOSE

The purpose of this memorandum is to provide the results of a mid-phase review conducted on the remedial systems currently in place at the Eunice South Gas Plant (Site) in Eunice, New Mexico. The review was implemented as part of the Environmental Project Development and Execution Process (EPDEP) to determine if the most appropriate remedial systems are in place at the Site and if these systems need to be expanded and/or modified. A change in remedial strategy at the Site would result in recycling from EPDEP Phase F: Operate and Monitor to Phase C: Evaluate Alternatives.

INTRODUCTION

There are three remedial systems in place at the Site to address a commingled benzene, toluene, ethylbenzene, and xylene (BTEX), phase separated hydrocarbon (PSH), and chloride groundwater plume. A five-well groundwater extraction system is used to address the chloride plume. A 13-well SVE system is in place to address BTEX and hydrocarbons in the groundwater. The off-gas from the SVE wells is treated via thermal oxidation. Finally, skimmer pumps are used to remove PSH from the water table. The East Side Product Recovery System consists of two wells with Ferret brand pumps, and the West Side Product Recovery System consists of 6 wells with Xitech brand pumps. This memorandum provides a detailed evaluation of these three systems, including recommendations for future expansion and/or modifications.

CHLORIDE RECOVERY SYSTEM

Chloride Plume Description

The average depth to water across the Site is approximately 50 feet below ground surface (bgs), with the base of the unconfined Ogallala aquifer at 90 feet bgs where red and green claystone is encountered. Groundwater generally flows south to southeast across the Site at an average hydraulic gradient of 0.0014 ft/ft. With an average hydraulic conductivity of 16.89 feet/day, the average groundwater velocity is 0.095 feet/day (35 feet/year). The monitoring well network consists of 38 shallow wells (screened to depths between 60 and 68 feet bgs) and 17 deep wells (screened to depths between 85 and 105 feet bgs).

The chloride plume, as defined by the secondary drinking water maximum contaminant level (MCL) of 250 mg/l, covers the entire Site with known exceedances across the property line to the east and south. Based on shallow well (screened up to 68 feet bgs) concentration data, the plume footprint is at least 58 acres with an average concentration of 2,250 mg/l and a maximum

concentration of 14,500 mg/l at MW-6. Based on deep well (screened up to 105 feet bgs) concentration data, the plume footprint is at least 23 acres with an average concentration of 16,300 mg/l and a maximum concentration of 63,600 mg/l at MWD-3. The chloride plume lacks delineation in all directions. The concentrations are highest in the northeastern corner of the Site, in the vicinity of three former brine ponds. Two of the brine ponds were abandoned and capped in 2000 while the third 0.5-acre lined pond still exists but is currently not in use.

System Description

In January of 2004, deep monitoring wells MWD-3 and MWD-9 were converted to chloride recovery wells. In April of 2006, three new six-inch recovery wells (RW-6, RW-7, and RW-8) were added to the chloride recovery system. The extracted groundwater is currently routed directly to an on-site saltwater disposal (SWD) well owned and operated by Targa. MWD-3 and MWD-9 are permitted through the New Mexico Oil and Conservation Division (NMOCD) to extract 32 acre-feet/year each, which equates to 680 barrels per day (bpd) (19.8 gallons per minute [gpm]). RW-6, RW-7, and RW-8 are permitted through NMOCD to extract 48 acre-feet/year each, which equates to 1,020 bpd (29.8 gpm). The wells are equipped with 1.5 HP submersible pumps capable of delivering 10 gpm against 75 psi (173 feet) at the wellhead, or 250 feet of total head including the 77 feet to groundwater.

System Evaluation

In 2004, MWD-3 and MWD-9 combined to remove 143,233 barrels (bbl) of chloride impacted groundwater from the aquifer. In 2005, MWD-3 and MWD-9 combined to remove 116,587 bbl of chloride impacted groundwater. As of October 10 in 2006, the five chloride recovery wells have cumulatively removed 107,900 bbl of groundwater. At an average chloride concentration of 35,000 mg/l for the five wells, the estimated total mass of chloride removed to date is 2,250 tons.

The five wells typically combine for an extraction rate of 25 gpm (857 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. RW-6, for example, has a depth to water (DTW) of 58 feet when pumping at 200 bpd (5.8 gpm). The maximum DTW for this well could approach 82 feet, thereby increasing the recovery rate.

The groundwater analytical data suggests chloride concentrations across the Site are generally decreasing since 2004. The most significant decreases include deep wells east and south of the brine pond (45% decrease at MWD-15, 23% decrease at MWD-14, and 34% decrease at MWD-16) and on the eastern property line (40% decrease at MWD-13). Significant decreases are also present at shallow wells adjacent to recovery wells MWD-3 and MWD-9 (95% decrease at MW-22 and 62% decrease at MW-23).

The chloride recovery system is currently focused on the source area where 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. This assumes a saturated aquifer thickness of 40 feet, a porosity of 20%, and an average pumping rate of 25 gpm.

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.

PSH RECOVERY SYSTEM

PSH Plume Description

The West Side PSH plume encompasses approximately 1.5 acres, primarily resulting from condensate leaks or spills associated with gas plant operations. The East Side PSH plume encompasses approximately 0.25 acres, primarily resulting from a former crude pipeline leak. PSH is typically encountered in 12 of the shallow wells across the Site, ranging from a sheen to several feet of product. These wells include the eight wells with skimmer pumps and MW-1, MW-2, MW-10, MW-12, and MW-19. The PSH thickness is generally decreasing across the Site, but is showing up in wells that had no PSH two years ago (i.e., MW-12 and MW-19).

System Description

Two types of PSH recovery pumps (Xitech and Ferret) are operated on-site to reduce free-phase impacts. A network of pneumatic skimmer pumps are used to remove PSH that lies on top of the water column. The extracted PSH is stored in nearby above-ground storage tanks (ASTs).

In August of 2001, Ferret brand skimmer pumps were installed within the East Side PSH plume at MW-5 and MW-20. In October of 2003, Xitech brand skimmer pumps were installed within the West Side PSH plume at RW-2, RW-3, RW-5, and MW-28. Xitech pumps were added to RW-4 in 2004 and RW-1 in September of 2005, bringing the total to six Xitech pumps within the West Side PSH plume.

System Evaluation

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 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 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. 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 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. 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.

The pump curve for the Xitech ADJ 1000 indicates the maximum flow rate is 14 gph, with gasoline as the fluid pumped, with 60 feet of head, air pressure set at 70 psi, pump speed at 60

pulses/minute (factory setting), and 3/8-inch discharge tubing. Therefore, a five-minute cycle time should deliver approximately 1.2 gallons of PSH. The current cycles/day and cycle time settings on the six Xitech pumps suggest that 4,100 gallons of PSH should have been recovered through October 10 in 2006, compared to the 733 gallons actually transferred. A portion of the discrepancy can likely be attributed to evaporation due to the local climate, and periodic pump down-time due to power failure (air compressor power or Xitech battery pack). However, a portion of the discrepancy is likely due to inefficiency in the pumping operation, suggesting the pump cycle time, pump cycles per day, and pumping level need to be evaluated.

The Ferret pumps are an all-fluid pump, designed to remove both groundwater and PSH from the subsurface. The PSH recovery is approximately 12% of the total flow. The technology used by this model of Ferret pump is relatively dated, and the PSH recovery could be improved through the use of a Xitech pump.

On August 10, 2006, SECOR collected PSH samples from PSH recovery wells RW-3 (West Side) and MW-5 (East Side). The samples were analyzed at SECOR's treatability testing laboratory in Sylvania, Ohio for specific gravity, API gravity, viscosity, and fractionation using a gas chromatograph (GC). The results are summarized in a memorandum included as Attachment 1. The RW-3 sample had a specific gravity of 0.79 g/cm^3, an API gravity of 48, a viscosity of 1.2 centipoise (cP), and a gasoline range organics (GRO) composition of 45.7%. The MW-5 sample had a specific gravity of 0.86 g/cm^3, an API gravity of 33, a viscosity of 14.4 cP, and a GRO composition of 24.3%. The results all indicate the PSH present on the East Side is comprised of a heavier petroleum product, such as crude with diesel range organics (DRO), and the PSH on the West Side is comprised of condensate with DRO.

SVE SYSTEM

BTEX Plume Description

The benzene plume, as defined by the NMOCD cleanup level of 0.01 mg/l (10 ppb), covers an area of approximately 37 acres. The plume is defined in all directions except to the West, across State Highway 207. The plume is primarily contained on-site except to the South, where exceedances are observed at MW-9, MW-30, and MW-31. Benzene concentrations are highest in the vicinity of the East Side and West Side PSH areas, with the highest concentration of 16 mg/l observed at MW-24. The size and extent of the benzene plume has not changed substantially since investigation began in 1996, although clear increasing trends are evident for select wells.

System Description

An SVE system began operation at the Site on April 13, 2004. The vapor extraction system was installed into three existing six-inch recovery wells (RW-2 through RW-4) and two four-inch monitoring wells (RW-5 and MW-28). The vapor treatment system is a trailer-mounted thermal oxidation (thermox) unit with a maximum capacity of 1,000 standard cubic feet per minute (scfm) and an optimum burn temperature of 1,410 °F. The manufacturer suggests the thermox unit requires 2.4 million BTU/hour to maintain the burn temperature. The trailer-mounted system is rented from Alliance Maintenance & Services, Inc. (Alliance), and the thermox unit is

manufactured by ThermTech, Inc. The unit is designed to run on a combination of extracted vapors from the SVE wells and field gas purchased from Targa.

In September of 2005, eight additional existing wells were added to the SVE system including six-inch recovery well RW-1, four-inch monitoring wells MW-10, MW-24, MW-25, MW-26, and MW-27, and two-inch monitoring wells MW-1 and MW-2. Air sparge bubblers were added to these seven monitoring wells to enhance vapor recovery, but have not been used to date. The remaining six SVE wells are equipped with Xitech PSH recovery pumps. The 13 SVE wells are all located within the West Side PSH plume. The SVE system was shut down on August 20, 2005 when Targa's 20-inch sweet NGL line ruptured, which was being used for the thermox field gas source. The unit was restarted on March 31, 2006.

System Evaluation

In 2004, the previous consultant reported the unit removed approximately 103,351 gallons (335 tons) of hydrocarbons from the subsurface. This is based upon 3,545 hours (147 days) of operating time, a liquid equivalent volume recovered of 0.9718 gallons per 1,000 cubic feet of gas (based on chromatographic analysis), a total flow rate of 1,000 scfm, and a dilution flow of 50% (500 scfm). However, a review of the O&M data for 2004 suggests the extracted airflow from the SVE wells was closer to 150 scfm, versus 500 scfm, reducing the amount removed to 30,856 gallons (100 tons).

On September 19, 2006, SECOR collected a Tedlar bag grab sample from the influent of the thermox unit. The sample was analyzed at Caprock Laboratories, Inc. in Midland, Texas (see Attachment 2 for analytical report). The chromatographic analysis indicates 95.8% (by weight) of the sample consists of nitrogen, oxygen, carbon dioxide, and methane. The remaining 4.2% of the sample consists of hydrocarbons C_2 and higher. Within the hydrocarbon portion, 5.4% are C_2 to C_3, 60.7% are C_4 to C_9 (GRO), and 33.9% are $>C_{10}$ (DRO). BTEX accounted for only 0.18% of the total sample, and roughly 4.3% of the C_2 and higher portion. The BTEX data for the thermox sample is summarized in Table 3. The laboratory also provided a liquid equivalent volume recovered of 0.5841 gallons of hydrocarbons ($>C_2$) per 1,000 cubic feet of extracted air flow. At a total flow rate of 169 scfm and an estimate of 6.5 pounds per gallon for the hydrocarbons, the total mass removed daily is 923 pounds (168 tons/year at 100% operation). Between March 31 and October 10, the unit has been operational for 2,604 hours with an average total airflow of 950 scfm and dilution airflow of 750 scfm (79%), suggesting 50 tons have been removed to date in 2006.

The minimum oxygen concentration entering the thermox burner needs to be 15% for complete combustion to occur. Since the oxygen concentration in the extracted SVE well vapors is 7.7%, the dilution airflow needs to be at least 550 scfm for a total flow of 1,000 scfm. The supplemental fuel usage has been approximately 600 ccf per week, which equates to approximately 357,150 BTU per hour using a typical value of 1,000 BTU per cubic foot for natural gas. Caprock Laboratories, Inc. provided a BTU value of 86.3 BTU per cubic foot of extracted airflow from the 13 SVE wells. At 170 scfm, this equates to approximately 877,000 BTU per hour. This BTU value can be extrapolated for just the hydrocarbons in the extracted airflow, which represent 5.4% of the total airflow by weight (C_1 through $>C_{10}$). The BTU value for the hydrocarbons is calculated

as 1,593 BTU per cubic foot, which is considerably better than the value for natural gas (1,000 BTU per cubic foot).

On September 20, 2006, SECOR collected SUMMA canister grab samples from the 13 SVE wells. The samples were analyzed for BTEX and GRO at Pace Analytical Services, Inc. in Minneapolis, Minnesota (see Attachment 3 for analytical report). The analytical results for the 13 samples are summarized in Table 3. Using the flow rate from each well (Table 1), the mass of BTEX and GRO removed daily from the subsurface was calculated. The total mass of BTEX removed daily is 48.8 pounds (8.9 tons/year), and the total GRO removed daily is 292.2 pounds (53.3 tons/year). It is worth noting the average flow rate from each SVE well is 11.3 scfm, average PID reading is 651 ppm, average BTEX concentration is 693 ppm, and average GRO concentration is 6,383 ppm. On average, the PID readings match up well with the BTEX concentrations. However, GRO concentrations are 85-90% higher than the PID and BTEX concentrations.

On September 21, 2006, SECOR performed step tests on four of the 13 SVE wells (RW-2, RW-5, MW-26, and MW-27). The results are summarized in Table 2 and Figures 1 through 4. The step tests on RW-2 and RW-5 suggest additional airflow can be extracted from the subsurface. The flow rate at RW-2 was increased to 20 scfm at 25-inches of water column (in. wc) vacuum from the operating flow rate of 17 scfm at 17-in. wc. The flow rate at RW-5 was increased to 24 scfm at 31-in. wc vacuum from the operating flow rate of 12 scfm at 10-in. wc. However, the step tests at MW-26 and MW-27 suggest these wells are operating at peak flow rates: MW-26 at 12 scfm with 18-in. wc vacuum, and MW-27 at 12 scfm with 35-in. wc vacuum. The recovery wells (RW-2, RW-5) perform better than the converted monitoring wells (MW-26, MW-27) likely due to the larger diameter (six-inch compared to four-inch), larger slot size (0.035 compared to 0.020), and more screened interval above the water table. As the dilution air is cut back on the thermox unit and more SVE well airflow is allowed, the data suggests increased airflow can be realized at the four six-inch recovery wells.

Thermal oxidation is typically used to treat vapors up to 90% of the lower explosive limit (LEL), which is roughly 1.8% for GRO. The hydrocarbon vapors entering the thermox unit from the 13 SVE wells are at 3.8% (molar basis), which is higher than the LEL. Therefore, the vapors need to be diluted by over 50% to get to 90% of the LEL (i.e., 57 scfm dilution air for every 43 scfm). Alternatives to thermal oxidation for the SVE system vapors include catalytic oxidation and direct discharge (no treatment). Catalytic oxidation can be used to treat vapors up to 10% of the LEL. The hydrocarbon vapors would need to be diluted 20-times for catalytic oxidation to be used (i.e., 95 scfm dilution air for every 5 scfm). The state of New Mexico allows 30 tons per year of VOCs to be discharged before a treatment system is required, which is considerably less that the anticipated 168 tons per year.

RECOMMENDATIONS

Based upon this review of remedial systems at the Site, SECOR recommends the following:

- Continue to operate the five-well chloride recovery system. The flow rates at the recovery wells should be adjusted to optimize the drawdown, and therefore capture zone.

- Continue to operate the six-well Xitech West Side PSH recovery system. The pump settings should be verified to ensure the cycles per day, cycle time, and pump depth are optimized.
- The elevated drum tanks which hold the PSH from the Xitech pumps should be replaced with a single, permanent pumping station once the plant demolition work is complete.
- Continue to operate the two-well Ferret East Side PSH recovery system. At some point, these pumps should be replaced with a more efficient skimming pump such as a Xitech. The PSH sample collected at MW-5 confirms that skimming pumps, versus SVE, is most appropriate for the type of PSH present.
- Continue to operate the 13-well SVE system. The system should be continually adjusted to maximize SVE well airflow, minimize dilution airflow, minimize purchased field gas volume, and maximize hydrocarbon removal.
- With time, the percentage of hydrocarbons in the 13-well SVE airflow will decrease and the air sparge bubblers can be turned on to increase the hydrocarbon content.
- Continue to lease the 1,000 scfm thermox unit from Alliance.
- Following plant demolition work, expansion of the West Side PSH recovery effort should focus on SVE versus skimmer pump technology. Figure 5 and Figure 6 compare the mass of PSH removed with both the skimmer pumps and the SVE system. 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.

TABLE 1	**SVE Well Vacuum, Flow, PID Data**
TABLE 2	**SVE Well Step Test Data**
TABLE 3	**SVE System Analytical Summary**
FIGURE 1	**RW-2 Step Test**
FIGURE 2	**RW-5 Step Test**
FIGURE 3	**MW-26 Step Test**
FIGURE 4	**MW-27 Step Test**
FIGURE 5	**Comparison of PSH Removal Technologies (Pounds to Date)**
FIGURE 6	**Comparison of PSH Removal Technologies (Pounds per Year)**
ATTACHMENT 1	**Fractionation Analysis Results – PSH Samples**
ATTACHMENT 2	**Caprock Laboratories GC Analysis of Thermox Sample**
ATTACHMENT 3	**Pace Analytical Results of SVE Well Samples**

TABLE 1
SVE WELL VACUUM, FLOW, PID DATA
EUNICE SOUTH GAS PLANT

Well ID	Flow Sensor Differential Pressure - *Magnehelic* (in wc)	Vacuum - Well Side (in wc)	Vacuum - SVE Side (in wc)	Differential Pressure Across Valve - *Manometer* (in wc)	Calculated Flow (scfm)	PID Reading (ppm)
MW-1	0.05	11.1	28.8	17.3	12.30	1225
MW-2	0.05	9.95	29.2	18.9	12.29	885
MW-10	0	1.35	29.1	27.65	0.00	100
MW-10*	0.01	3.3	30.0	26.9	5.49	NA
MW-24	0	1.1	37.3	36.0	0.00	543
MW-24*	0.01	1.58	37.4	35.8	5.44	NA
MW-25	0.05	7.3	37.0	29.5	12.17	340
MW-26	0.05	17.8	35.6	17.3	12.19	225
MW-27	0.05	2.9	37.3	34.2	12.16	870
RW-1	0.05	24.9	28.6	3.8	12.30	897
RW-2	0.1	16.7	28.4	11.4	17.40	1376
RW-3	0.22	14.0	34.0	19.5	25.62	554
RW-4	0.05	10.15	37.3	27.0	12.16	1160
RW-5	0.1	12.82	36.4	23.3	17.22	610
MW-28	0.05	3.08	37.1	33.9	12.16	350
ThermOx	NA	NA	NA	NA	NA	645

*Wells MW-10 and MW-24 were re-measured after gate valve adjustment.

TABLE 2
SVE WELL STEP TEST DATA
EUNICE SOUTH GAS PLANT

RW-2					
	Differential Pressure - Magnehelic (in wc)	Vacuum - Well Side (in wc)	Vacuum - SVE Side (in wc)	Differential Pressure - Manometer (in wc)	Calculated Flow (scfm)
Baseline	0.1	17.5	29.9	12.3	17.37
Reading 1	0.05	12.75	31.65	19.0	12.25
Reading 2	0.1	21.9	27.35	5.3	17.43
Reading 3	0.13	24.5	26.5	2.0	19.89
Reading 4	0.13	25.25	26.43	1.1	19.89
After Test	0.08	17.37	29.92	12.4	15.54

RW-5					
	Differential Pressure - Magnehelic (in wc)	Vacuum - Well Side (in wc)	Vacuum - SVE Side (in wc)	Differential Pressure - Manometer (in wc)	Calculated Flow (scfm)
Baseline	0.05	13.46	35.9	22.3	12.18
Reading 1	0.1	20.72	34.0	13.1	17.27
Reading 2	0.13	25.65	32.7	6.85	19.73
Reading 3	0.17	29.55	31.85	2.3	22.59
Reading 4	0.19	30.88	31.8	0.85	23.88
After Test	0.05	13.4	36.3	22.7	12.18

MW-26					
	Differential Pressure - Magnehelic (in wc)	Vacuum - Well Side (in wc)	Vacuum - SVE Side (in wc)	Differential Pressure - Manometer (in wc)	Calculated Flow (scfm)
Baseline	0.02	19.2	36.2	17.25	7.70
Reading 1	0.02	28.48	36.3	7.5	7.70
Reading 2	0.02	35.4	36.1	0.7	7.70
After Test	0.02	19.55	36.2	17.7	7.70

MW-27					
	Differential Pressure - Magnehelic (in wc)	Vacuum - Well Side (in wc)	Vacuum - SVE Side (in wc)	Differential Pressure - Manometer (in wc)	Calculated Flow (scfm)
Baseline	0.02	3.33	37.3	34.0	7.69
Reading 1	0.02	20.4	36.7	16.3	7.70
Reading 2	0.05	30.1	36.7	6.3	12.17
Reading 3	0.05	35.7	36.6	0.8	12.17
After Test	0.02	3.4	36.9	33.6	7.70

TABLE 3
SVE SYSTEM ANALYTICAL SUMMARY
EUNICE SOUTH GAS PLANT

Sample Location	Vacuum - Well Side (in wc)	Flow (scfm)	PID Reading (ppm)	Benzene (ppmv)	Benzene (lb/d)	Ethyl Benzene (ppmv)	Ethyl Benzene (lb/d)	Toluene (ppmv)	Toluene (lb/d)	Xylene (ppmv)	Xylene (lb/d)	BTEX (ppmv)	BTEX (lb/d)	Total GRO (ppmv)	Total GRO (lb/d)	Total VOC (gal/1000 cf)	Total VOC (lb/d)
MW-1	11.1	12.30	1,225	125	0.441	4.77	0.023	192	0.800	8.05	0.039	329.820	1.302	2,190	7.017	-	-
MW-2	9.95	12.29	885	386	1.360	114	0.546	311	1.295	201.9	0.968	1,012.900	4.168	7,900	25.299	-	-
MW-10	3.3	5.49	100	44.1	0.069	5.04	0.011	24.9	0.046	7.38	0.016	81.420	0.142	1,230	1.760	-	-
MW-24	1.58	5.44	543	60.2	0.094	15.5	0.033	86.4	0.159	27.25	0.058	189.350	0.344	953	1.350	-	-
MW-25	7.3	12.17	340	140	0.488	7.26	0.034	168	0.692	11.44	0.054	326.700	1.269	2,940	9.317	-	-
MW-26	17.8	12.19	225	161	0.562	8.73	0.041	1.66	0.007	5.828	0.028	177.218	0.638	882	2.801	-	-
MW-27	2.9	12.16	870	513	1.788	95.3	0.452	301	1.240	148.26	0.703	1,057.560	4.182	8,360	26.484	-	-
RW-1	24.9	12.30	897	59.9	0.211	24.5	0.118	93	0.387	48.3	0.232	225.700	0.948	2,480	7.948	-	-
RW-2	16.7	17.40	1,376	398	1.985	174	1.181	866	5.104	332.9	2.259	1,770.900	10.528	9,290	42.118	-	-
RW-3	14.0	25.62	554	102	0.749	71	0.709	122	1.059	142.4	1.422	437.400	3.939	3,850	25.697	-	-
RW-4	10.15	12.16	1,160	466	1.624	316	1.498	1300	5.354	524	2.484	2,606.000	10.960	18,100	57.339	-	-
RW-5	12.82	17.22	610	161	0.794	157	1.054	295	1.720	291.3	1.955	904.300	5.524	4,910	22.024	-	-
MW-28	3.08	12.16	350	711	2.478	41.2	0.195	458	1.887	67.3	0.319	1,277.500	4.879	19,900	63.058	-	-
Average	9.20	11.26	**651.87**	255.94	0.84	79.56	0.39	324.54	1.32	139.72	0.70	**693.12**	3.25	**6,383.46**	19.48	-	-
Totals	-	**168.911**	-	-	12.643	-	5.895	-	19.749	-	10.536	-	**48.824**	-	**292.212**	-	-
Thermox Influent	-	168.91	645	89	4.308	83	5.466	503	28.772	1100	72.435	1,775.00	110.98	-	-	0.58	**923.47**

FIGURE 1
RW-2 STEP TEST
EUNICE SOUTH GAS PLANT

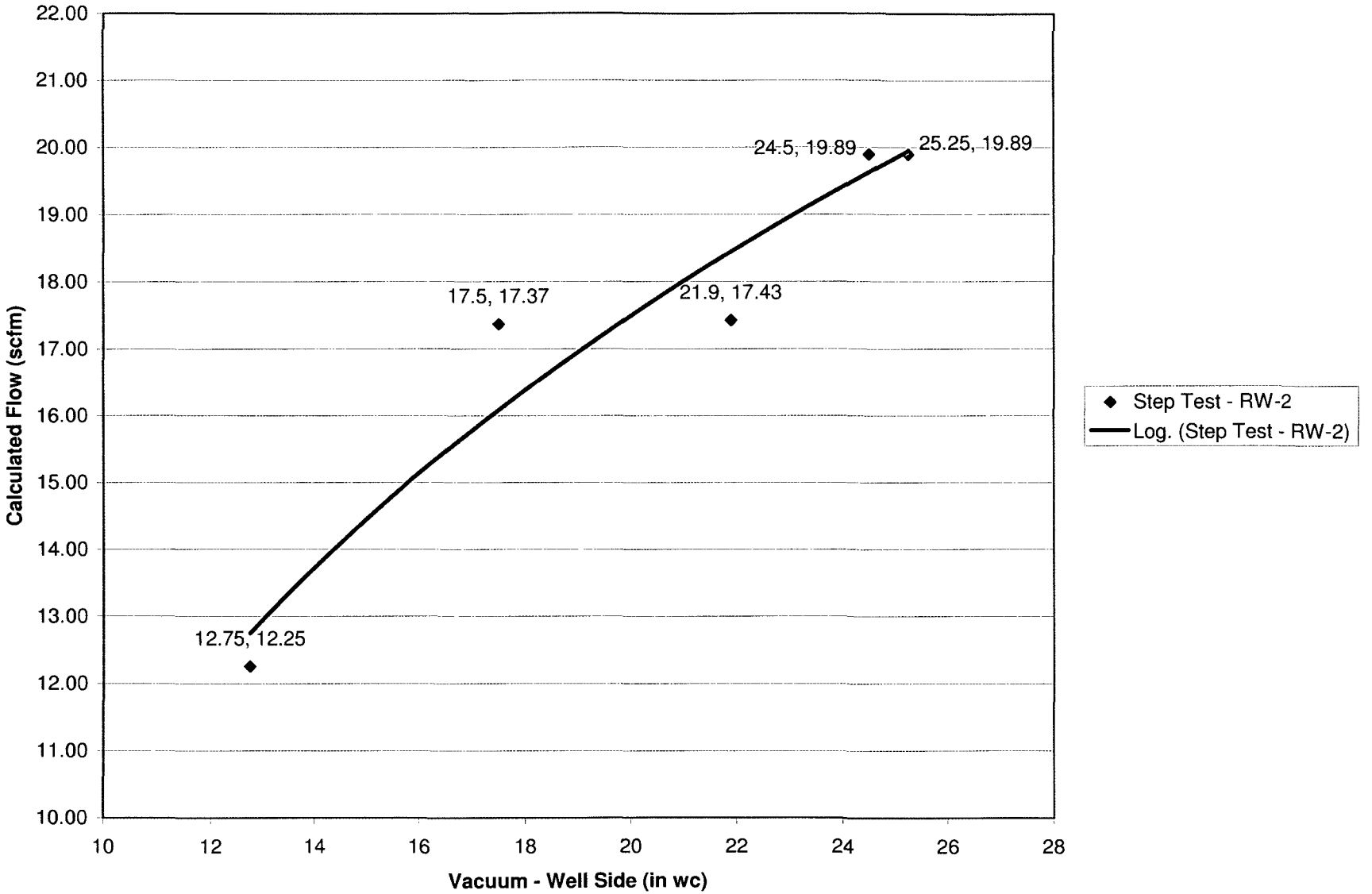


FIGURE 2
RW-5 STEP TEST
EUNICE SOUTH GAS PLANT

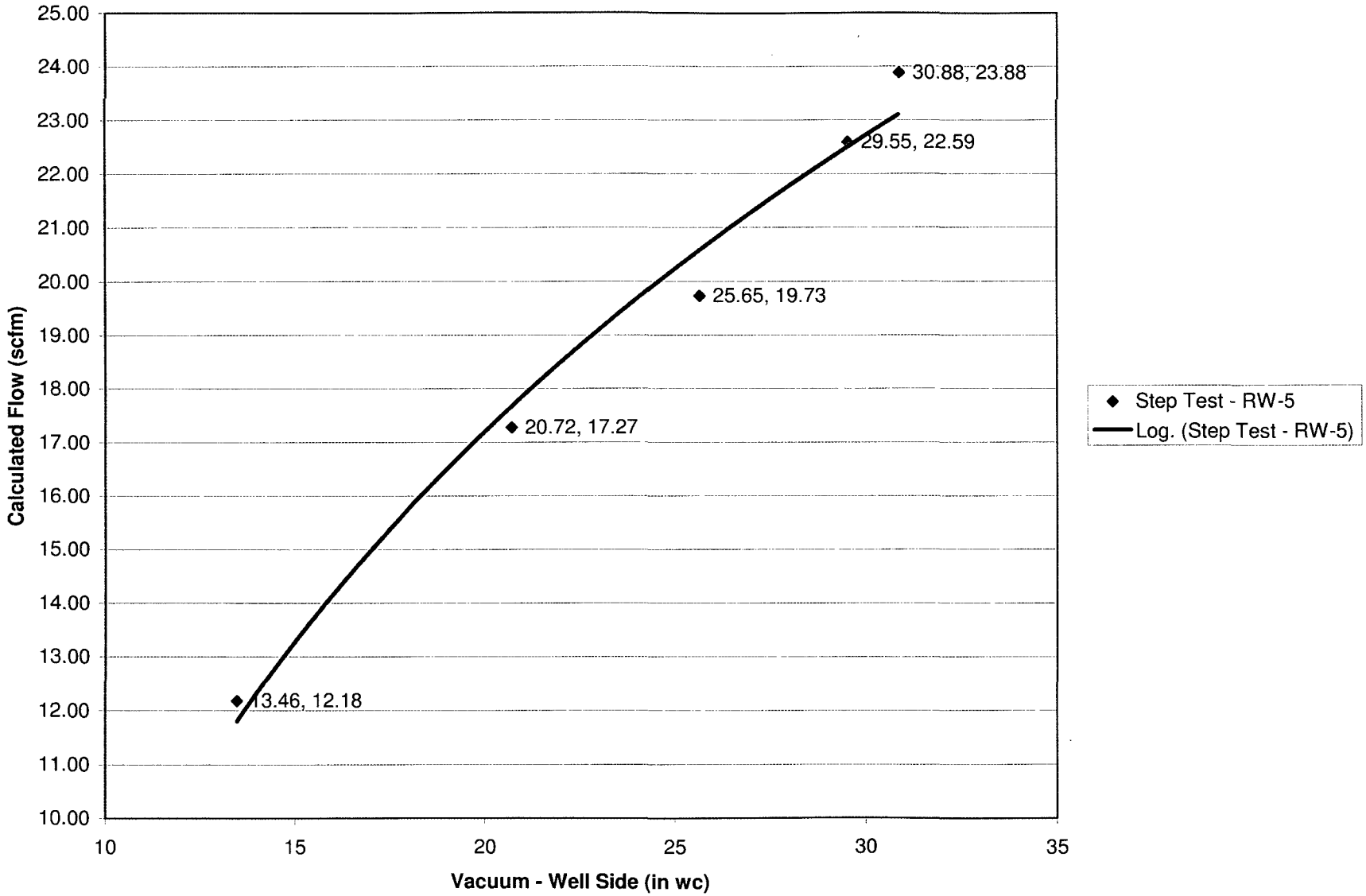


FIGURE 3
MW-26 STEP TEST
EUNICE SOUTH GAS PLANT

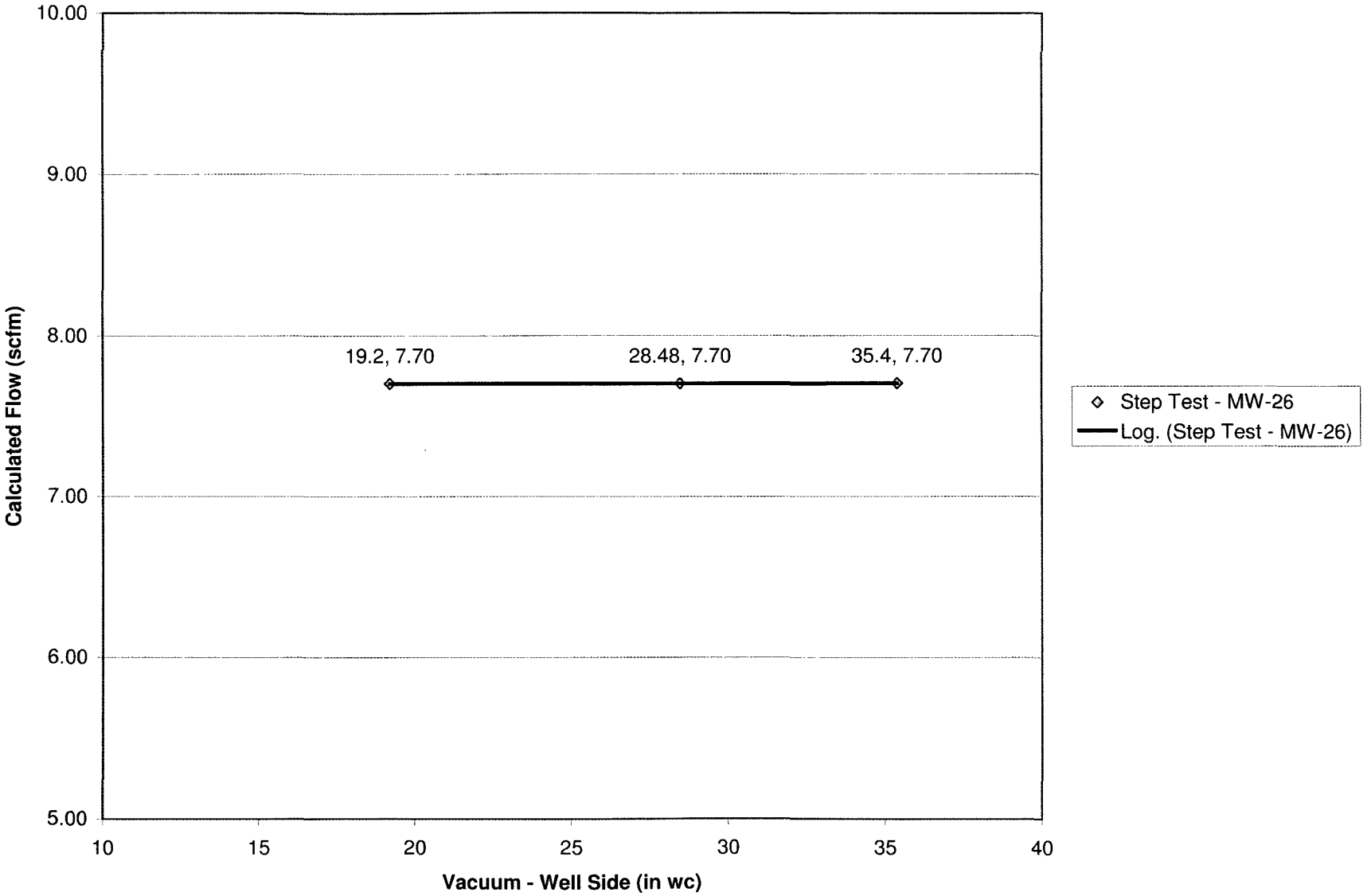


FIGURE 4
MW-27 STEP TEST
EUNICE SOUTH GAS PLANT

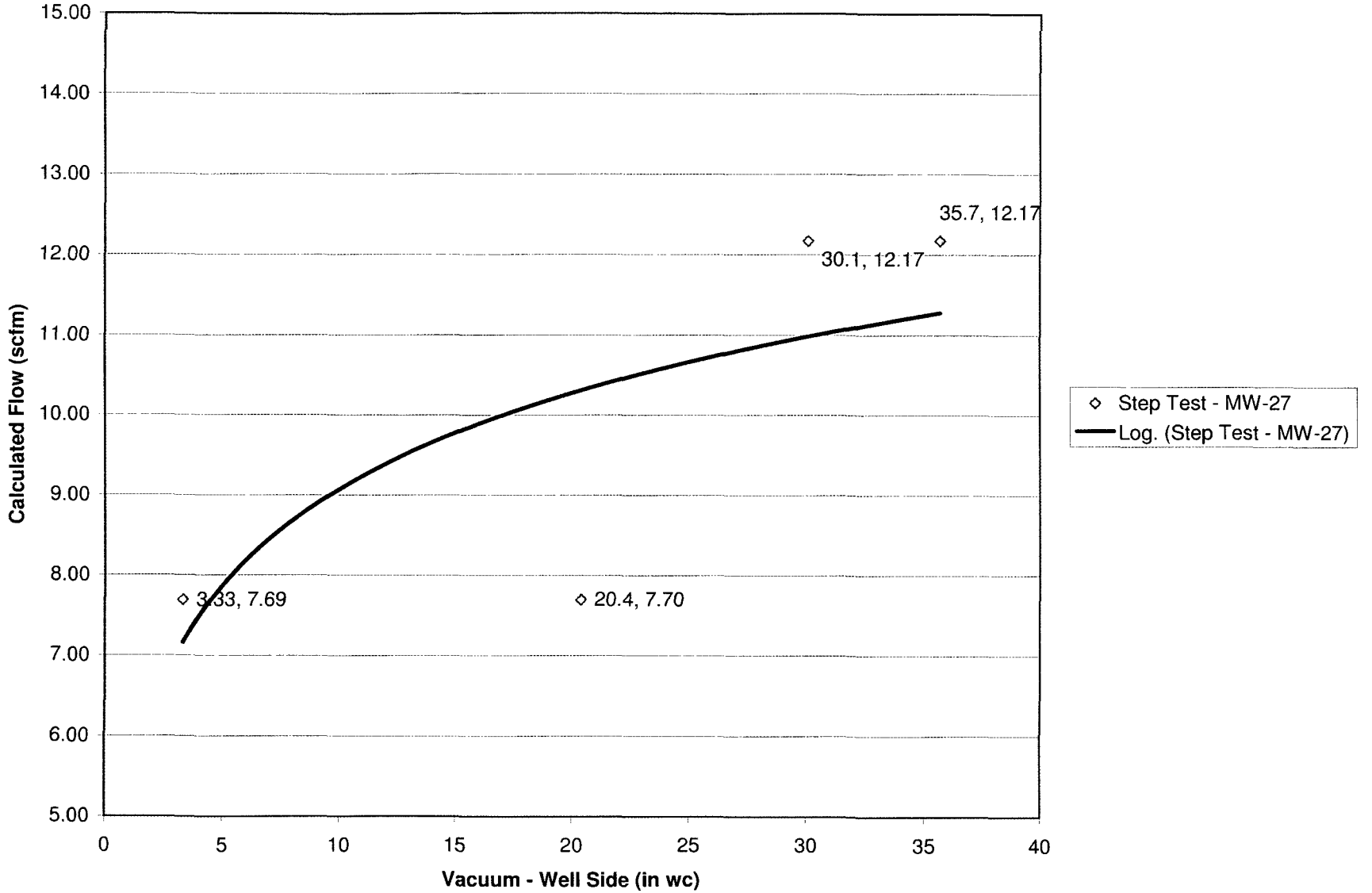


FIGURE 5
COMPARISON OF PSH REMOVAL TECHNOLOGIES (POUNDS TO DATE)
EUNICE SOUTH GAS PLANT

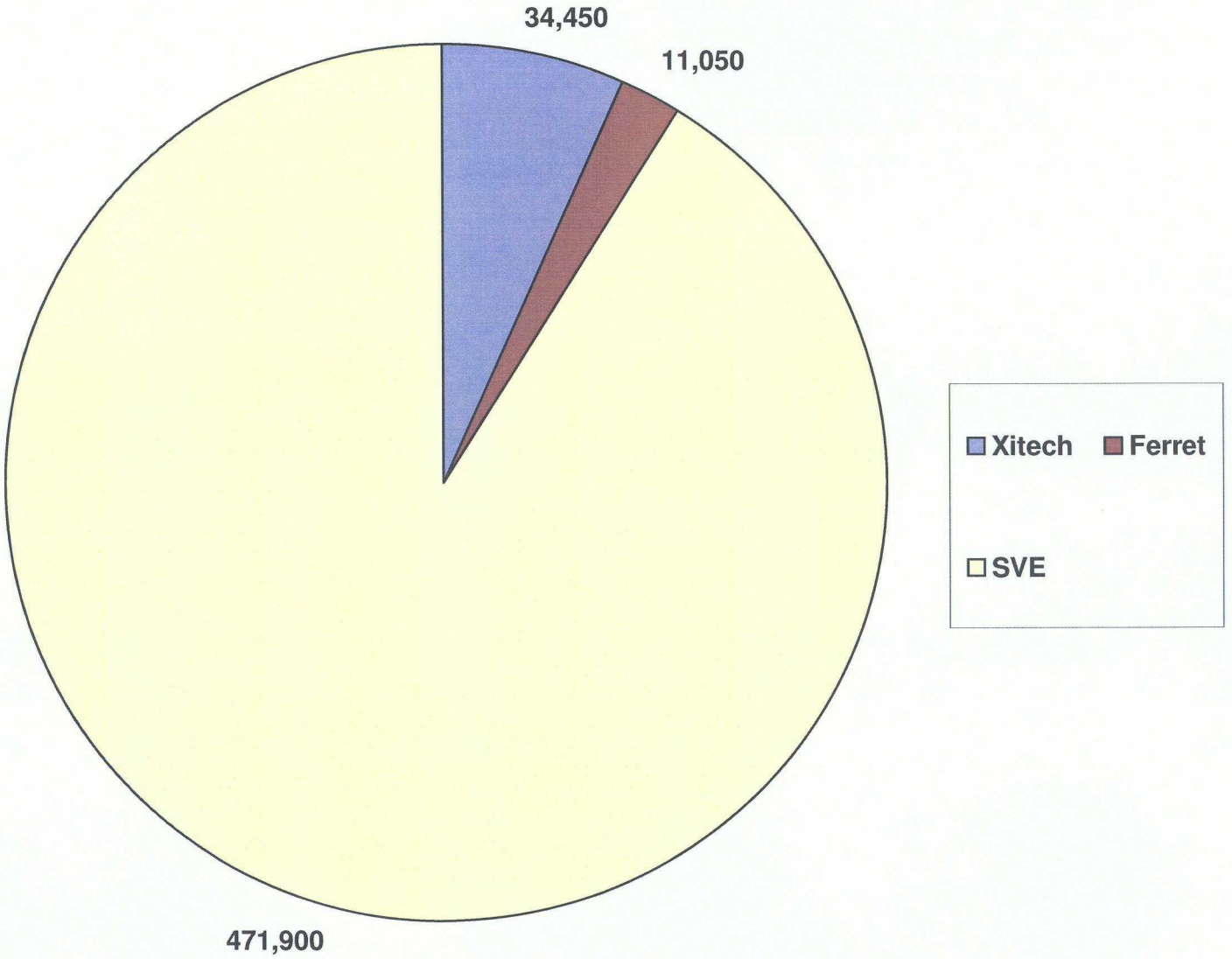
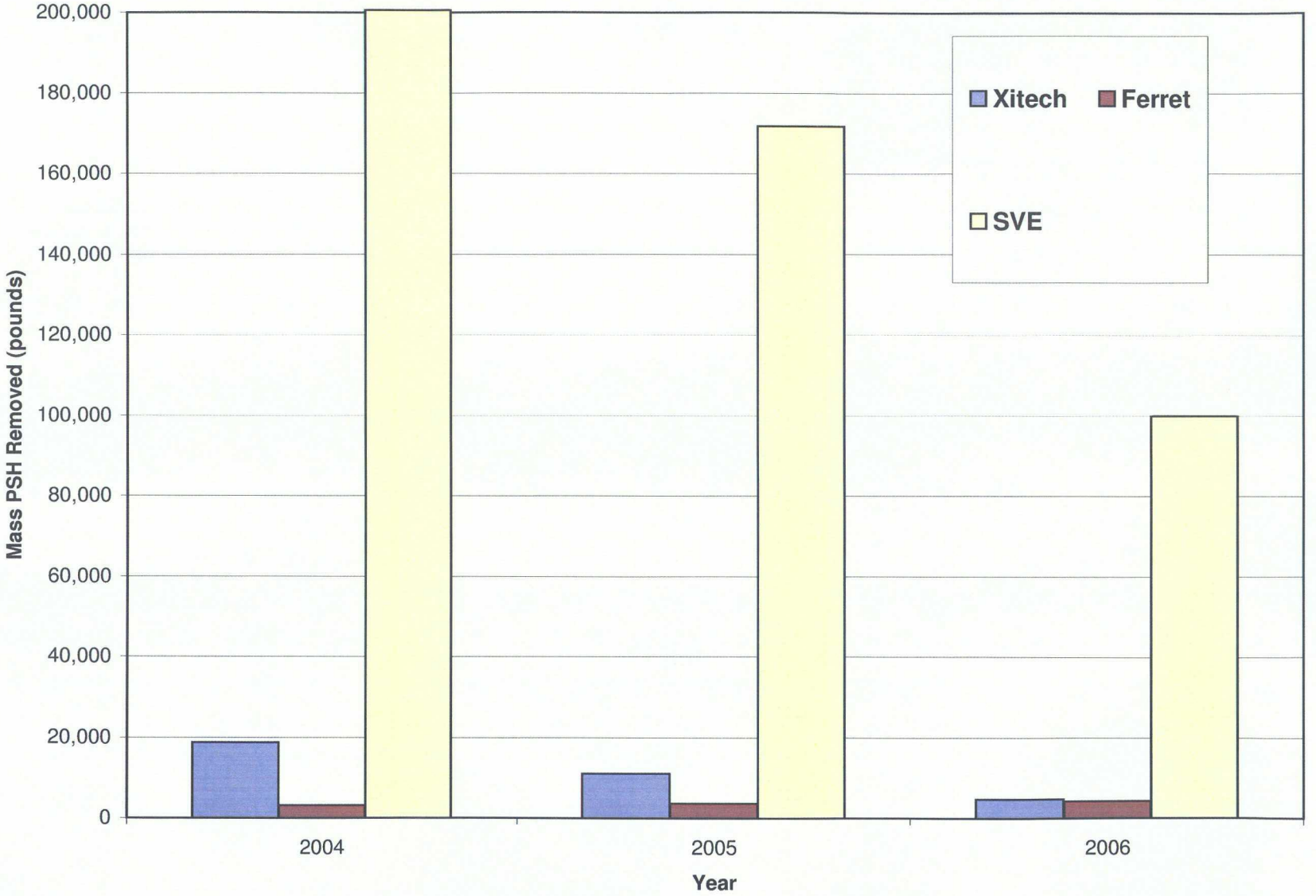


FIGURE 6
COMPARISON OF PSH REMOVAL TECHNOLOGIES (POUNDS PER YEAR)
EUNICE SOUTH GAS PLANT



Memorandum

To: Jeremy Rasmussen
From: Dave Schroder
Date: August 30, 2006
RE: Fractionation Analysis Results – PSH Samples
Chevron Eunice South Site – Project #89CH.49389.94

Cc: Dan Oberle

Two phase separated hydrocarbon (PSH) samples were collected from the Chevron Eunice South Site and submitted to SECOR's Treatability Testing Laboratory in Sylvania, Ohio for fractionation screening using a gas chromatograph (GC) equipped with a flame ionization detector (FID). The representative PSH samples were collected on August 10, 2006 from wells RW-3 and MW-5. The samples were received at the Sylvania Office on August 16, 2006.

Sample Observations

The PSH samples were collected in 120-milliliter sample jars equipped with Teflon-lined caps. A single jar was submitted for each sample. The following observations were made on the appearance of the samples prior to GC analysis.

RW-3: The sample jar contained 120 milliliters of PSH sample. The sample was clear and red-brown in color. Specific gravity determination provided a value of approximately 0.79 grams/cubic centimeter for the liquid, with a API gravity of 48. The viscosity of the liquid was measured to be 1.2 centipoises (cP).

MW-5: The sample vial contained approximately 25 milliliters of groundwater, 20 milliliters of emulsification, containing some particulate matter, and 165 milliliters of PSH. The PSH liquid was a dark blackish-brown color. The specific gravity was measured to be 0.86 grams/cubic centimeter. The API gravity was 33. The viscosity of the liquid was approximately 14.4 cP.

Fractionation Analysis Results

The samples were screened by directly injecting 1.0 microliters of the PSH liquid into the GC. The petroleum distillate ranges for the PSH were determined using a diesel range organic (DRO) standard containing markers for C_{10} to C_{26} petroleum-related compounds. The following table provides the composition of the two PSH samples based on distillate ranges.

Distillate Range	Composition In Percentage of Total	
	RW-3	MW-5
GRO	45.7	24.3
$C_{10} - C_{12}$	6.4	12.9
$C_{12} - C_{14}$	6.0	9.3
$C_{14} - C_{16}$	6.6	9.5
$C_{16} - C_{18}$	18.5	9.8
$C_{18} - C_{20}$	13.7	9.0
$C_{20} - C_{22}$	2.7	6.2
$C_{22} - C_{24}$	0.3	7.2
$C_{24} - C_{26}$	0.01	6.8
$> C_{26}$	ND	5.0

GRO = gasoline range organics
ND = not detected

Conclusions

The results show that the PSH present in well RW-3 contains a higher percentage of GRO compounds. The specific gravity of the PSH coupled with the GC screening appears to indicate diesel-range organics mixed with condensate. The PSH contained in monitoring well MW-5 is comprised of a heavier petroleum product, possibly crude or diesel-range organics mixed with fuel oil.

CAPROCK LABORATORIES, INC.
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MIDLAND, TEXAS 79701

CHROMATOGRAPHIC ANALYSIS

COMPANY:	SECOR	JOB #:	0609065
SAMPLE ID:	THERMOX-091906	SAMPLE #:	D1009SEC1EA
SAMPLE TYPE:	SPOT	DATE ON:	20060919
STATION:	EUNICE SOUTH GAS PLANT	DATE OFF:	20060919
		TIME ON:	
PROJECT NUMBER:		TIME OFF:	
SAMPLE PRESS.,psig:	TEDLAR BAGS @ AMBIENT	SAMPLED BY:	MRP/SAM
GAS TEMP. F:	TEDLAR BAGS @ AMBIENT	CYLINDER #:	N/A
ANALYSIS DATE:	20060920		
ANALYSIS COMMENTS:			

COMPONENT	MOLE %	WEIGHT %
HYDROGEN SULFIDE	0.0000	0.0000
NITROGEN	78.0850	71.4810
OXYGEN	7.4045	7.7428
METHANE	2.2645	1.1871
CARBON DIOXIDE	10.6722	15.3486
ETHANE	0.1724	0.1694
PROPANE	0.1602	0.2308
ISO-BUTANE	0.0601	0.1142
N-BUTANE	0.2051	0.3896
ISO-PENTANE	0.1354	0.3192
N-PENTANE (C-5)	0.1538	0.3626
2,2 DIMETHYL BUTANE	0.0016	0.0045
CYCLOPENTANE	0.0124	0.0284
2-METHYLPENTANE	0.0381	0.1073
3-METHYLPENTANE	0.0211	0.0594
N-HEXANE (C-6)	0.0750	0.2112
METHYLCYCLOPENTANES	0.0170	0.0468
BENZENE	0.0035	0.0089
CYCLOHEXANE	0.0183	0.0503
METHYLHEXANES	0.0215	0.0704
DIMETHYLCYCLOPENTANES	0.0095	0.0305
HEPTANES	0.0041	0.0134
N-HEPTANE (C-7)	0.0302	0.0989
METHYLCYCLOHEXANE	0.0232	0.0729
TOLUENE	0.0167	0.0503
OCTANES	0.0377	0.1407
N-OCTANE (C-8)	0.0181	0.0676
ETHYL BENZENE	0.0024	0.0083
XYLENES	0.0317	0.1100
NONANES	0.0319	0.1337
N-NONANE (C-9)	0.0176	0.0738
DECANES	0.0563	0.2618
N-DECANE (C-10)	0.0226	0.1051
UNDECANES +	0.1763	0.9005
TOTALS	100.0000	100.0000

TOTAL ANALYSIS SUMMARY

AVE MOLE WT	30.6011
SP GRAV, 60F/60	0.8185
REL DENS, AIR=1	1.0566

C6+ SUMMARY

AVE MOLE WT	118.2842
SP GRAV, 60F/60	0.7319
API GRAVITY	61.8
LBS/GAL	5.855
REL DENS, AIR=1	4.0839

BTEX SUMMARY

WT % BENZENE	0.0089
WT % TOLUENE	0.0503
WT % E BENZENE	0.0083
WT % XYLENES	0.1100

ANALYST: James L. Pritchard
J. L. PRITCHARD
LAB MANAGER

CAPROCK LABORATORIES, INC.
3312 BANKHEAD HIGHWAY
MIDLAND, TEXAS 79701

CHROMATOGRAPHIC ANALYSIS

COMPANY:	SECOR	JOB #:	0609065
SAMPLE ID:	EUNICE SOUTH GAS PLANT	SAMPLE #:	D1009SEC1
SAMPLE TYPE:	SPOT	DATE ON:	20060919
STATION:	THERMOX-091906	DATE OFF:	20060919
BASE PRESSURE,PSIA:	14.650	TIME ON:	
RANAREX GRAVITY:		TIME OFF:	
SAMPLE PRESS.,psig:	AMBIENT	SAMPLED BY:	MRP/SAM
GAS TEMP. F:	AMBIENT	CYLINDER #:	NA
ANALYSIS DATE:	20060920	SAMPLE USE * :	A
ANALYSIS COMMENTS:			

COMPONENT	MOLE %	GPM
HYDROGEN SULFIDE	0.0000	
NITROGEN	78.0850	
OXYGEN	7.4045	
METHANE	2.2645	
CARBON DIOXIDE	10.6722	
ETHANE	0.1724	0.0459
PROPANE	0.1602	0.0439
ISO-BUTANE	0.0601	0.0196
N-BUTANE	0.2051	0.0643
ISO-PENTANE	0.1354	0.0493
N-PENTANE	0.1538	0.0554
HEXANES	0.1869	0.0764
HEPTANES +	0.4999	0.2293
TOTAL	100.0000	0.5841

HEATING VALUE

BTU DRY	86.3
BTU SATURATED	84.8
COMPRESSIBILITY, Z	0.9992
RELATIVE DENSITY	1.0514
AVE. MOLE WEIGHT	30.4510
H2S, TUTWEILER, GR./100 CUBIC FEET	0.0
26 # GASOLINE	0.5841

BASE CONDITIONS, 14.65 PSIA @ 60 DEGREES FAHRENHEIT

* A = ACCOUNTABLE, O = OPERATIONAL

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October 11, 2006

Marisa Patterson
SECOR
2321 Club Meridian Dr.
Suite E
Okemos, MI 48864

RE: Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Dear Marisa Patterson:
Enclosed are the analytical results for sample(s) received by the laboratory on September 22, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daryl Peterson

daryl.peterson@pacelabs.com
Project Manager

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

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SAMPLE SUMMARY

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1038771001	**MW28-A-092006**	Air	09/20/06 15:52	09/22/06 08:55
1038771002	**RW4-A-092006**	Air	09/20/06 13:42	09/22/06 08:55
1038771003	**TOX-SUM-092006**	Air	09/20/06 15:10	09/22/06 08:55
1038771004	**MW25-A-092006**	Air	09/20/06 15:30	09/22/06 08:55
1038771005	**MW1-A-092006**	Air	09/20/06 16:40	09/22/06 08:55
1038771006	**RW1-A-092006**	Air	09/20/06 16:35	09/22/06 08:55
1038771007	**MW27-A-092006**	Air	09/20/06 16:05	09/22/06 08:55
1038771008	**MW26-A-092006**	Air	09/20/06 16:20	09/22/06 08:55
1038771009	**RW2-A-092006**	Air	09/20/06 16:47	09/22/06 08:55
1038771010	**RW5-A-092006**	Air	09/20/06 17:20	09/22/06 08:55
1038771011	**RW3-A-092006**	Air	09/20/06 17:15	09/22/06 08:55
1038771012	**MW2-A-092006**	Air	09/20/06 16:55	09/22/06 08:55
1038771013	**MW24-A-092106**	Air	09/21/06 08:40	09/22/06 08:55
1038771014	**MW10-A-092106**	Air	09/21/06 09:10	09/22/06 08:55

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SAMPLE ANALYTE COUNT

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Lab ID	Sample ID	Method	Analytes Reported
1038771001	**MW28-A-092006**	TO-15	6
1038771002	**RW4-A-092006**	TO-15	6
1038771003	**TOX-SUM-092006**	TO-15	6
1038771004	**MW25-A-092006**	TO-15	6
1038771005	**MW1-A-092006**	TO-15	6
1038771006	**RW1-A-092006**	TO-15	6
1038771007	**MW27-A-092006**	TO-15	6
1038771008	**MW26-A-092006**	TO-15	6
1038771009	**RW2-A-092006**	TO-15	6
1038771010	**RW5-A-092006**	TO-15	6
1038771011	**RW3-A-092006**	TO-15	6
1038771012	**MW2-A-092006**	TO-15	6
1038771013	**MW24-A-092106**	TO-15	6
1038771014	**MW10-A-092106**	TO-15	6

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW28-A-092006 **Lab ID: 1038771001** Collected: 09/20/06 15:52 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**711000**	ppbv	16000	30800		10/06/06 16:09	71-43-2	A3,E,IS
Ethylbenzene	**41200**	ppbv	4000	7700		10/05/06 01:45	100-41-4	
THC as Gas	**19900000**	ppbv	154000	7700		10/05/06 01:45		
Toluene	**458000**	ppbv	16000	30800		10/06/06 16:09	108-88-3	
m&p-Xylene	**51100**	ppbv	7700	7700		10/05/06 01:45	1330-20-7	
o-Xylene	**16200**	ppbv	4000	7700		10/05/06 01:45	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: RW4-A-092006 **Lab ID: 1038771002** Collected: 09/20/06 13:42 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**466000**	ppbv	4000	7700		10/06/06 03:07	71-43-2	E
Ethylbenzene	**316000**	ppbv	4000	7700		10/06/06 03:07	100-41-4	E
THC as Gas	**18100000**	ppbv	154000	7700		10/06/06 03:07		
Toluene	**1300000**	ppbv	4000	7700		10/06/06 03:07	108-88-3	E
m&p-Xylene	**389000**	ppbv	7700	7700		10/06/06 03:07	1330-20-7	E
o-Xylene	**135000**	ppbv	4000	7700		10/06/06 03:07	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: TOX-SUM-092006 **Lab ID: 1038771003** Collected: 09/20/06 15:10 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**274000**	ppbv	4500	8650		10/06/06 03:47	71-43-2	E
Ethylbenzene	**147000**	ppbv	4500	8650		10/06/06 03:47	100-41-4	
THC as Gas	**8860000**	ppbv	173000	8650		10/06/06 03:47		
Toluene	**471000**	ppbv	4500	8650		10/06/06 03:47	108-88-3	E
m&p-Xylene	**204000**	ppbv	8650	8650		10/06/06 03:47	1330-20-7	
o-Xylene	**78100**	ppbv	4500	8650		10/06/06 03:47	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW25-A-092006 **Lab ID: 1038771004** Collected: 09/20/06 15:30 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**140000**	ppbv	4000	7700		10/06/06 18:13	71-43-2	
Ethylbenzene	**7260**	ppbv	400	770		10/05/06 05:05	100-41-4	
THC as Gas	**2940000**	ppbv	15400	770		10/05/06 05:05		
Toluene	**168000**	ppbv	4000	7700		10/06/06 18:13	108-88-3	E
m&p-Xylene	**8900**	ppbv	770	770		10/05/06 05:05	1330-20-7	
o-Xylene	**2540**	ppbv	400	770		10/05/06 05:05	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW1-A-092006 **Lab ID: 1038771005** Collected: 09/20/06 16:40 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**125000**	ppbv	4130	7950		10/06/06 18:55	71-43-2	
Ethylbenzene	**4770**	ppbv	413	795		10/05/06 05:45	100-41-4	
THC as Gas	**2190000**	ppbv	15900	795		10/05/06 05:45		
Toluene	**192000**	ppbv	4130	7950		10/06/06 18:55	108-88-3	E
m&p-Xylene	**6250**	ppbv	795	795		10/05/06 05:45	1330-20-7	
o-Xylene	**1800**	ppbv	413	795		10/05/06 05:45	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: RW1-A-092006 **Lab ID: 1038771006** Collected: 09/20/06 16:35 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**59900**	ppbv	4130	7950		10/06/06 07:48	71-43-2	
Ethylbenzene	**24500**	ppbv	4130	7950		10/06/06 07:48	100-41-4	
THC as Gas	**2480000**	ppbv	15900	795		10/06/06 07:08		
Toluene	**93000**	ppbv	4130	7950		10/06/06 07:48	108-88-3	
m&p-Xylene	**36500**	ppbv	7950	7950		10/06/06 07:48	1330-20-7	
o-Xylene	**11800**	ppbv	413	795		10/06/06 07:08	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW27-A-092006 **Lab ID: 1038771007** Collected: 09/20/06 16:05 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**513000**	ppbv	4000	7700		10/06/06 08:28	71-43-2	E
Ethylbenzene	**95300**	ppbv	4000	7700		10/06/06 08:28	100-41-4	
THC as Gas	**8360000**	ppbv	15400	770		10/05/06 08:24		
Toluene	**301000**	ppbv	4000	7700		10/06/06 08:28	108-88-3	E
m&p-Xylene	**139000**	ppbv	7700	7700		10/06/06 08:28	1330-20-7	
o-Xylene	**9260**	ppbv	400	770		10/05/06 08:24	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW26-A-092006 **Lab ID: 1038771008** Collected: 09/20/06 16:20 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**161000**	ppbv	4320	8300		10/06/06 09:08	71-43-2	
Ethylbenzene	**8730**	ppbv	432	830		10/05/06 09:04	100-41-4	
THC as Gas	**882000**	ppbv	16600	830		10/05/06 09:04		
Toluene	**1660**	ppbv	432	830		10/05/06 09:04	108-88-3	
m&p-Xylene	**5100**	ppbv	830	830		10/05/06 09:04	1330-20-7	
o-Xylene	**728**	ppbv	432	830		10/05/06 09:04	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: RW2-A-092006 **Lab ID: 1038771009** Collected: 09/20/06 16:47 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**398000**	ppbv	4130	7950		10/06/06 06:28	71-43-2	E
Ethylbenzene	**174000**	ppbv	4130	7950		10/06/06 06:28	100-41-4	E
THC as Gas	**9290000**	ppbv	159000	7950		10/06/06 06:28		
Toluene	**866000**	ppbv	4130	7950		10/06/06 06:28	108-88-3	E
m&p-Xylene	**247000**	ppbv	7950	7950		10/06/06 06:28	1330-20-7	
o-Xylene	**85900**	ppbv	4130	7950		10/06/06 06:28	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: RW5-A-092006 **Lab ID: 1038771010** Collected: 09/20/06 17:20 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**161000**	ppbv	4130	7950		10/06/06 17:31	71-43-2	
Ethylbenzene	**157000**	ppbv	4130	7950		10/06/06 17:31	100-41-4	
THC as Gas	**4910000**	ppbv	15900	795		10/06/06 02:26		
Toluene	**295000**	ppbv	4130	7950		10/06/06 17:31	108-88-3	E
m&p-Xylene	**219000**	ppbv	7950	7950		10/06/06 17:31	1330-20-7	
o-Xylene	**72300**	ppbv	4130	7950		10/06/06 17:31	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: RW3-A-092006 **Lab ID: 1038771011** Collected: 09/20/06 17:15 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**102000**	ppbv	413	795		10/05/06 23:47	71-43-2	E
Ethylbenzene	**71000**	ppbv	413	795		10/05/06 23:47	100-41-4	E
THC as Gas	**3850000**	ppbv	15900	795		10/05/06 23:47		E
Toluene	**122000**	ppbv	413	795		10/05/06 23:47	108-88-3	E
m&p-Xylene	**96100**	ppbv	795	795		10/05/06 23:47	1330-20-7	E
o-Xylene	**46300**	ppbv	413	795		10/05/06 23:47	95-47-6	E

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW2-A-092006 **Lab ID: 1038771012** Collected: 09/20/06 16:55 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**386000**	ppbv	413	795		10/10/06 18:27	71-43-2	1M,E
Ethylbenzene	**114000**	ppbv	413	795		10/10/06 18:27	100-41-4	E
THC as Gas	**7900000**	ppbv	15900	795		10/10/06 18:27		IC
Toluene	**311000**	ppbv	413	795		10/10/06 18:27	108-88-3	E
m&p-Xylene	**143000**	ppbv	795	795		10/10/06 18:27	1330-20-7	E
o-Xylene	**58900**	ppbv	413	795		10/10/06 18:27	95-47-6	E

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW24-A-092106 **Lab ID: 1038771013** Collected: 09/21/06 08:40 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**60200**	ppbv	385	740		10/09/06 18:40	71-43-2	E
Ethylbenzene	**15500**	ppbv	385	740		10/09/06 18:40	100-41-4	E
THC as Gas	**953000**	ppbv	14800	740		10/09/06 18:40		
Toluene	**86400**	ppbv	385	740		10/09/06 18:40	108-88-3	E
m&p-Xylene	**20200**	ppbv	740	740		10/09/06 18:40	1330-20-7	
o-Xylene	**7050**	ppbv	385	740		10/09/06 18:40	95-47-6	

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ANALYTICAL RESULTS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Sample: MW10-A-092106 **Lab ID: 1038771014** Collected: 09/21/06 09:10 Received: 09/22/06 08:55 Matrix: Air

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
Benzene	**44100**	ppbv	400	770		10/09/06 19:57	71-43-2	E
Ethylbenzene	**5040**	ppbv	400	770		10/09/06 19:57	100-41-4	
THC as Gas	**1230000**	ppbv	15400	770		10/09/06 19:57		
Toluene	**24900**	ppbv	400	770		10/09/06 19:57	108-88-3	E
m&p-Xylene	**5550**	ppbv	770	770		10/09/06 19:57	1330-20-7	
o-Xylene	**1830**	ppbv	400	770		10/09/06 19:57	95-47-6	

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QUALITY CONTROL DATA

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

QC Batch: AIR/4653 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR
Associated Lab Samples: 1038771001, 1038771004, 1038771005, 1038771007, 1038771008

METHOD BLANK: 267601
Associated Lab Samples: 1038771001, 1038771004, 1038771005, 1038771007, 1038771008

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
THC as Gas	ppbv	ND	20.0	
Benzene	ppbv	ND	0.52	
Toluene	ppbv	ND	0.52	
Ethylbenzene	ppbv	ND	0.52	
m&p-Xylene	ppbv	ND	1.0	
o-Xylene	ppbv	ND	0.52	

LABORATORY CONTROL SAMPLE: 267602

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
THC as Gas	ppbv	662	622	94	70-130	
Benzene	ppbv	10.6	8.8	83	64-125	
Toluene	ppbv	10.6	7.9	74	69-130	
Ethylbenzene	ppbv	10.5	9.5	90	65-140	
m&p-Xylene	ppbv	20.8	18.6	89	60-132	
o-Xylene	ppbv	10.6	9.4	89	64-132	

SAMPLE DUPLICATE: 267603

Parameter	Units	1038771008 Result	Dup Result	RPD	Max RPD	Qualifiers
THC as Gas	ppbv	882000	765000	14	30	
Benzene	ppbv	161000	61600	90	30	D6,E
Toluene	ppbv	1660	1150	36	30	D6
Ethylbenzene	ppbv	8730	6300	32	30	D6
m&p-Xylene	ppbv	5100	3750	31	30	D6
o-Xylene	ppbv	728	544	29	30	

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QUALITY CONTROL DATA

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

QC Batch: AIR/4660 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR
Associated Lab Samples: 1038771002, 1038771003, 1038771006, 1038771009, 1038771010, 1038771011

METHOD BLANK: 268799
Associated Lab Samples: 1038771002, 1038771003, 1038771006, 1038771009, 1038771010, 1038771011

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ppbv	ND	0.52	
THC as Gas	ppbv	ND	20.0	
Toluene	ppbv	ND	0.52	
Ethylbenzene	ppbv	ND	0.52	
m&p-Xylene	ppbv	ND	1.0	
o-Xylene	ppbv	ND	0.52	

LABORATORY CONTROL SAMPLE: 268800

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
THC as Gas	ppbv	662	614	93	70-130	
Benzene	ppbv	10.6	9.7	92	64-125	
Toluene	ppbv	10.6	8.8	83	69-130	
Ethylbenzene	ppbv	10.5	8.1	77	65-140	
m&p-Xylene	ppbv	20.8	17.4	84	60-132	
o-Xylene	ppbv	10.6	9.2	87	64-132	

SAMPLE DUPLICATE: 268801

Parameter	Units	1038885001 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ppbv	1620	1420	13	30	
Toluene	ppbv	ND	ND	0	30	
Ethylbenzene	ppbv	874	1150	28	30	
m&p-Xylene	ppbv	1020	1400	31	30	D6
o-Xylene	ppbv	ND	ND	0	30	
THC as Gas	ppbv		ND			

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QUALITY CONTROL DATA

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

QC Batch: AIR/4667
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR
Associated Lab Samples: 1038771013, 1038771014

METHOD BLANK: 269079
Associated Lab Samples: 1038771013, 1038771014

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ppbv	ND	0.52	
THC as Gas	ppbv	ND	20.0	
Toluene	ppbv	ND	0.52	
Ethylbenzene	ppbv	ND	0.52	
m&p-Xylene	ppbv	ND	1.0	
o-Xylene	ppbv	ND	0.52	

LABORATORY CONTROL SAMPLE: 269080

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
THC as Gas	ppbv	662	539	81	70-130	
Benzene	ppbv	10.6	8.2	78	64-125	
Toluene	ppbv	10.6	8.0	76	69-130	
Ethylbenzene	ppbv	10.5	9.2	88	65-140	
m&p-Xylene	ppbv	20.8	18.7	90	60-132	
o-Xylene	ppbv	10.6	9.8	93	64-132	

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QUALITY CONTROL DATA

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

QC Batch: AIR/4672
QC Batch Method: TO-15
Analysis Method: TO-15
Analysis Description: TO15 MSV AIR
Associated Lab Samples: 1038771012

METHOD BLANK: 269617
Associated Lab Samples: 1038771012

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Benzene	ppbv	ND	0.52	
THC as Gas	ppbv	ND	20.0	IC
Toluene	ppbv	ND	0.52	
Ethylbenzene	ppbv	ND	0.52	
m&p-Xylene	ppbv	ND	1.0	
o-Xylene	ppbv	ND	0.52	

LABORATORY CONTROL SAMPLE: 269618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
THC as Gas	ppbv	662	642	97	70-130	IC
Benzene	ppbv	10.6	11.1	105	64-125	
Toluene	ppbv	10.6	9.5	90	69-130	
Ethylbenzene	ppbv	10.5	8.1	77	65-140	
m&p-Xylene	ppbv	20.8	17.4	84	60-132	
o-Xylene	ppbv	10.6	8.8	83	64-132	

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QUALIFIERS

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

ANALYTE QUALIFIERS

A3	The sample was analyzed by serial dilution.
D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IS	The internal standard response is below criteria. Results may be biased high.
1M	The internal standard response is above criteria. Results may be biased low.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 89CH.49389.94.0002 EUNICE
Pace Project No.: 1038771

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1038771001	**MW28-A-092006**	TO-15	AIR/4653		
1038771004	**MW25-A-092006**	TO-15	AIR/4653		
1038771005	**MW1-A-092006**	TO-15	AIR/4653		
1038771007	**MW27-A-092006**	TO-15	AIR/4653		
1038771008	**MW26-A-092006**	TO-15	AIR/4653		
1038771002	**RW4-A-092006**	TO-15	AIR/4660		
1038771003	**TOX-SUM-092006**	TO-15	AIR/4660		
1038771006	**RW1-A-092006**	TO-15	AIR/4660		
1038771009	**RW2-A-092006**	TO-15	AIR/4660		
1038771010	**RW5-A-092006**	TO-15	AIR/4660		
1038771011	**RW3-A-092006**	TO-15	AIR/4660		
1038771013	**MW24-A-092106**	TO-15	AIR/4667		
1038771014	**MW10-A-092106**	TO-15	AIR/4667		
1038771012	**MW2-A-092006**	TO-15	AIR/4672		