

GW - 003

AGWMR

10/20/2010



Matthew P. Hudson
Remediation Project
Manager

Upstream Business Unit
Chevron Environmental
Management Company
1400 Smith St
Room 07062
Houston, TX 77002
Tel 713 372 9207
mhudson@chevron.com

October 20, 2010

Mr. Glenn von Gonten
New Mexico Oil Conservation Division
1220 South St. Francis Dr
Santa Fe, NM 87505

Subject: Report Submittal

Dear Glenn:

Please find enclosed one hardcopy and one electronic copy of the following reports:

Eunice North Chlorides Investigation Report
Eunice North Gas Plant, Lea Co., GW-004

2009 Annual Groundwater Monitoring Report
Eunice South Gas Plant, Lea Co., GW-003

2009 Annual Groundwater Monitoring Report
Mark Owen #9 Reserve Pit, Lea Co., AP #57

Please contact me with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew P. Hudson", written over a horizontal line.

Matthew P. Hudson

Enclosure

cc:



GW003

2009 ANNUAL GROUNDWATER MONITORING REPORT

**EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO
OGRID NO. 4323**

Prepared For:

**Mr. Matt Hudson
Chevron Environmental Management Company
Upstream Business Unit
1400 Smith Street, Room 07062
Houston, Texas 77002**

**Prepared by:
Conestoga-Rovers
& Associates**

2135 South Loop 250 West
Midland, Texas 79703

Office: (432) 686-0086
Fax: (432) 686-0186

web: <http://www.CRAworld.com>

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1.0 INTRODUCTION

1.1 OVERVIEW

This Annual Groundwater Monitoring Report presents groundwater data collected and remedial activities performed during the 2009 calendar year by environmental consultants on behalf of Chevron Environmental Management Company (CEMC) at the Eunice South Gas Plant (OGRID No. 4323)-hereafter referred to as the "Site". The previous Site consultant, Stantec Consulting Corporation (Stantec) performed weekly operation and maintenance (O&M) activities on the two east side remediation systems from January to February 2009. In addition, Stantec conducted the first half 2009 groundwater gauging and sampling event in February 2009.

On March 1, 2009, CEMC selected Conestoga-Rovers & Associates (CRA) to provide environmental services at the Site. From March 2009 to December 2009, CRA performed the weekly O&M activities; in August 2009, CRA completed the second half 2009 groundwater gauging and sampling event.

1.2 FACILITY LOCATION AND HISTORY

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

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

On April 29, 1980, the State of New Mexico Energy and Minerals Department, Oil Conservation Division (NMOCD) requested that a discharge plan be filed as per Section 3-106A of the Water Quality Control Commission regulations to cover all discharges of effluent at the Site. On March 16, 1981, the discharge plan (GW-003) was approved by the NMOCD for a five-year period pursuant the discharge plan requirements. Subsequent discharge plans have been approved on a five-year basis. During the current renewal process, an application was submitted to the NMOCD in June 2008. A Site inspection by NMOCD personnel was performed in April 2009 and approval of the application is pending.

During the 1996 permit renewal process, the NMOCD in a correspondence dated April 15, 1996, requested that Texaco submit a work plan to address specific areas of concern. In response, a workplan was developed and subsurface and groundwater assessment activities were initiated at the Site. In a correspondence dated November 6, 1996, the NMOCD requested that Texaco modify the existing facility discharge plan and submit a comprehensive facility investigation workplan pursuant New Mexico Administrative Code (NMAC) 20.6.2.3109.E to determine the extent of soil and groundwater impacts identified at the Site. Several areas of concern were identified after the comprehensive facility investigation activities were completed in 1996-1997. Additional investigation and remedial activities were performed in 2000, 2005 and 2007. Activities included pit closures, pond closures, sump removals, multiple monitor well installations, the installation and operation of a soil vapor extraction unit, and installations and operations of chloride-impacted groundwater & Light Non-Aqueous Phase Liquids (LNAPL) recovery systems. The notes section of the report FIGURES summarize assessment and remedial activities conducted in the respective areas of concern.

Groundwater at the Site is monitored on a semi-annual basis with a network of 70 wells which include:

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

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

- An LNAPL and dissolved-phase hydrocarbon plume on the west side;
- An LNAPL and dissolved-phase hydrocarbon plume on the east side;
- An Chloride and Total Dissolved Solids (TDS) on the east side; and
- A dissolved-phase hydrocarbon plume on the south side.

An LNAPL recovery system was installed on the west side of the facility in 2004 and operated until October 2006. This LNAPL system consisted of five skimmer pumps installed in five wells (RW-2, RW-3, RW-4, RW-5 & MW-28). Historical records indicate a total of 5,327 gallons of hydrocarbons were recovered from this west side LNAPL system.

A soil vapor extraction system (SVE) was installed on the west side in April 2004 and operated until mid-October 2006. The SVE consisted of a trailer-mounted thermal oxidizer which extracted vapors from recovery wells RW-2, RW-3, MW-4, RW-5 and monitor well MW-28. In September 2005, seven additional wells (MW-1, MW-2, MW-10, MW-24, MW-25, MW-26 & MW-27) were connected to the SVE system. Historical records indicate a total of 300,560 pounds of hydrocarbons were recovered and treated by the SVE system.

An LNAPL recovery system was installed on the east side of the facility in May 2003 and is currently in operation. Historical records indicate a total of 3,707 gallons of LNAPL and 56,734 gallons of water were recovered the east side recovery system from May 2003 to December 2008.

A chloride and Total Dissolved Solids (TDS) groundwater recovery system was installed on the east side in 2004 and originally consisted of two recovery wells (MWD-3 & MWD-9). In 2006, the network of recovery wells was expanded from two to five recovery wells (MWD-3, MWD-9, RW-6, RW-7, RW-8) and have been in operation since. The extracted groundwater is disposed at an onsite deep injection well (injection well #5). Historical records indicate a total of 748,378 barrels of groundwater have been recovered from 2004-2008.

REGULATORY BACKGROUND

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

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

Groundwater Appropriation

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

3.0 GROUNDWATER MONITORING ACTIVITIES

Two semi-annual groundwater monitoring events were performed in 2009. The first event was performed in February 2009 and the second event was performed in August 2009.

3.1 GROUNDWATER GAUGING

Prior to purging wells, depth-to-groundwater and LNAPL in all accessible wells were gauged and recorded from the top of casing (TOC) of each well utilizing an oil-water interface probe to the nearest hundredth of a foot. A specific gravity sample was collected from wells with LNAPL present ($>0.01'$). Groundwater elevations in wells with LNAPL present (>0.01) were adjusted using specific gravity values for each well. Groundwater elevation data from 2009 are presented in TABLE I.

Shallow Zone

During the February and August 2009 gauging events, depth to groundwater was collected from 43 shallow zone wells which ranged from 49.45 feet to 56.44 feet below TOC in February and from 48.75 feet to 56.25 feet below TOC in August. LNAPL was detected in fifteen shallow zone wells in February and in nineteen wells in August. The average gradient observed in the shallow zone during the 2009 calendar year was 0.005 feet/foot.

Deep Zone

During the February 2009 gauging event, depth to groundwater was collected from 21 deep zone wells which ranged from 49.91 feet to 55.41 feet below TOC; In August, depth to groundwater was collected from 15 deep zone wells which ranged from 51.68 feet to 55.43 feet below TOC in August. Water wells WW-1 through WW-7 in August 2009 were not gauged because the wells were inaccessible. Deep chloride recovery wells MWD-3, MWD-9, RW-6, RW-7, and RW-8 were not gauged due to down-hole pumps for either event. LNAPL was not detected in any of the deep zone wells in February or August 2009. The average gradient observed in the deep zone during the 2009 calendar year was 0.003 feet/foot.

Groundwater elevations at the Site appear to be consistent with historical levels with groundwater flow to the south-southeast. Shallow and deep zone groundwater gradient maps for both semi-annual groundwater monitoring events (February and

August) are presented on FIGURES 3, 4, 5, and 6, respectively. LNAPL thickness maps are presented as FIGURES 7 and 8, respectively. Historical groundwater elevation data (1996-2008) for both the shallow and deep wells are presented in APPENDIX A.

3.2 WELL PURGING & SAMPLING

Shallow Zone

Subsequent to gauging, shallow zone wells were purged using an EPA-approved low-flow sampling methodology. Water quality parameters including temperature, pH, dissolved-oxygen, oxidation-reduction potential, and conductivity were recorded at approximately five minute intervals during purging activities. When three consecutive readings indicated stabilization of parameters (variation <10%), the groundwater was considered representative of formation water and groundwater samples were collected. Twenty-five groundwater samples in February and twenty-three groundwater sampled in August from the shallow zone were collected. Final field water quality parameters for the both 2009 semi-annual monitoring events are presented in TABLE II.

Deep Zone

Subsequent to gauging, shallow zone wells were purged using submersible pump set near the bottom of the wells. Water quality parameters including temperature, pH, and conductivity were recorded at approximately five minute intervals during purging activities. When three consecutive readings indicated stabilization of parameters (variation <10%), the groundwater was considered representative of formation water and groundwater samples were collected via the discharge hose. Twenty groundwater samples from both February and August events from the deep zone were collected. Final field water quality parameters for the both 2009 semi-annual monitoring events are presented in TABLE III.

After sample collection, all groundwater samples were labeled, placed on ice in an insulated cooler, and shipped to Lancaster Laboratories (Lancaster) located in Lancaster, Pennsylvania, for analysis of BTEX by EPA Method 8021B, chloride by EPA Method 300, TDS by EPA Method 2540C, and dissolved metals by EPA Methods 6010B & 7470A. The fluids recovered and generated during the sampling events were containerized onsite in a labeled polyethylene tank and subsequently managed at an NMOCD-permitted disposal facility.

3.3 GROUNDWATER ANALYTICAL RESULTS

Analytical results for both the shallow and deep wells are summarized in TABLES IV through IX. Groundwater COCs shown in bold print indicate concentrations above analytical quantification limits, shaded/highlighted detections represent concentrations exceeding the regulatory standards. Groundwater BTEX concentration maps for February and August are presented as FIGURES 9, 10, 11, and 12, respectively. Groundwater chloride and TDS concentration maps for February and August are presented as FIGURES 13, 14, 15, and 16, respectively. Groundwater concentrations for the eight RCRA Metals are presented in FIGURES 17, 18, 19, and 20, respectively.

3.3.1 FIRST 2009 SEMI-ANNUAL EVENT

The following COC exceedences were noted from the results of the first 2009 semi-annual event:

Benzene

Benzene was detected above the NMWQCC's standard in the following:

- Fifteen shallow zone wells (MW-3, MW-9, MW-22, MW-24, MW-25, MW-26, MW-27, MW-29, MW-30, MW-31, MW-32, MW-34, TMW-1, TMW-5 & TMW-6); and
- Thirteen deep zone wells (MWD-3, MWD-5, MWD-9, MWD-10, MWD-11, MWD-12, MWD-14, MWD-15, MWD-16, MWD-17, RW-6, RW-7 & RW-8).

Ethylbenzene

Ethylbenzene was detected above the NMWQCC's standard in only one shallow zone well (MW-27);

Arsenic

Arsenic was detected above the NMWQCC's standard in only one deep zone well (MWD-17);

Barium

Barium was detected above the NMWQCC's standard in following:

- Twelve shallow wells (MW-9, MW-13, MW-24, MW-25, MW-26, MW-29, MW-30, MW-31, MW-32, MW-34, TMW-1 & TMW-6); and
- One deep well (MWD-5).

Chromium

Chromium was detected above the NMWQCC's standard in only one shallow zone well (MW-16);

Mercury

Mercury was detected above the NMWQCC's standard in only one deep zone well (RW-7);

Chlorides

Chlorides were detected above the NMWQCC's standard in the following:

- Twenty-two shallow zone wells (MW-4, MW-6, MW-9, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-29, MW-30, MW-31, MW-32, TMW-1, TMW-5 & TMW-6); and
- Eighteen deep zone wells (MWD-1, MWD-2, MWD-3, MWD-5, MWD-7, MWD-8, MWD-9, MWD-10, MWD-11, MWD-12, MWD-13, MWD-14, MWD-15, MWD-16, MWD-17, RW-6, RW-7 & RW-8).

Total Dissolved Solids

Total Dissolved Solids were detected above the NMWQCC's standard in the following:

- Twenty-three shallow zone wells (MW-4, MW-6, MW-7, MW-9, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-29, MW-30, MW-31, MW-32, TMW-1, TMW-5 & TMW-6); and
- Nineteen deep zone wells (MWD-1, MWD-2, MWD-3, MWD-4, MWD-5, MWD-7, MWD-8, MWD-9, MWD-10, MWD-11, MWD-12, MWD-13, MWD-14, MWD-15, MWD-16, MWD-17, RW-6, RW-7 & RW-8).

3.3.2 SECOND 2009 SEMI-ANNUAL EVENT

The following exceedences were noted from the results of the second 2009 semi-annual event:

Benzene

Benzene was detected above the NMWQCC's standard in the following:

- Eight shallow zone wells (MW-9, MW-22, MW-25, MW-29, MW-31, MW-34, TMW-5 & TMW-6); and
- Thirteen deep zone wells (MWD-3, MWD-5, MWD-6, MWD-9, MWD-10, MWD-12, MWD-14, MWD-15, MWD-16, MWD-17, RW-6, RW-7 & RW-8).

Ethylbenzene

Ethylbenzene was detected above the NMWQCC's standard in only one shallow zone well (MW-25);

Arsenic

Arsenic was detected above the NMWQCC's standard in only one deep zone well (MWD-5);

Barium

Barium was detected above the NMWQCC's standard in following:

- Nine shallow wells (MW-9, MW-13, MW-25, MW-29, MW-30, MW-31, MW-32, MW-34 & TMW-1); and
- Two deep wells (MWD-5 & MWD-6).

Chromium

Chromium was detected above the NMWQCC's standard in only one shallow zone well (MW-16);

Mercury

Mercury was not detected above the NMWQCC's standard in any wells;

Chlorides

Chlorides were detected above the NMWQCC's standard in the following:

- Twenty shallow zone wells (MW-3, MW-4, MW-6, MW-8, MW-9, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-22, MW-23, MW-25, MW-29, MW-30, MW-31, MW-32, TMW-1 & TMW-5); and
- Twenty deep zone wells (MWD-1, MWD-2, MWD-3, MWD-4, MWD-5, MWD-6, MWD-7, MWD-8, MWD-9, MWD-10, MWD-11, MWD-12, MWD-13, MWD-14, MWD-15, MWD-16, MWD-17, RW-6, RW-7 & RW-8).

Total Dissolved Solids

Total Dissolved Solids were detected above the NMWQCC's standard in the following:

- Twenty-one shallow zone wells (MW-4, MW-6, MW-7, MW-8, MW-9, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-22, MW-23, MW-25, MW-29, MW-30, MW-31, MW-32, TMW-1, TMW-5 & TMW-6); and
- Twenty deep zone wells (MWD-1, MWD-2, MWD-3, MWD-4, MWD-5, MWD-6, MWD-7, MWD-8, MWD-9, MWD-10, MWD-11, MWD-12, MWD-13, MWD-14, MWD-15, MWD-16, MWD-17, RW-6, RW-7 & RW-8).

4.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) EVALUATION

In order to confirm sample quality and reproducibility, three field duplicate (DUP-1, DUP-2, DUP-3) samples were collected during the first 2009 semi-annual event from MWD-13, MW-14 & MWD-15, respectively and were analyzed for BTEX by EPA Method 8021B, chloride by EPA Method 300, TDS by EPA Method 2540C, and dissolved metals by EPA Methods 6010B & 7470A. During the second 2009 semi-annual event, two field duplicate (DUP-1 & DUP-2) samples were collected from MWD-6 & MWD-10 and sampled for the constituents mentioned above. No significant deviations were encountered in the sample results for duplicate constituents.

Certified groundwater laboratory reports received from Lancaster Laboratories for the August 2009 sampling event were reviewed by a CRA analytical chemist for laboratory and field method QA/QC. Based on groundwater data review, the data produced by Lancaster Laboratories was acceptable with the exceptions and qualifications summarized in APPENDIX B. Certified copies of laboratory analytical results are included in APPENDIX C.

5.0 CORRECTIVE ACTION

Historical project information indicates that four remediation systems have operated at the Site since December 2000 and are listed below:

- Soil Vapor Extraction (SVE) system (April 2004-October 2006);
- LNAPL recovery system - West Side (2004-2006);
- LNAPL recovery system - East Side (2003-current); and
- Chloride-affected groundwater recovery system (2004-current) ;

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

5.1 HYDROCARBON REMEDIATION

5.1.1 SOIL VAPOR EXTRACTION SYSTEM (WEST SIDE)

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

5.1.2 LNAPL RECOVERY SYSTEM - WEST SIDE

An LNAPL recovery system on the west side of the Site was installed in 2004. This LNAPL system consisted of five Xitech product recovery pumps, solar panels, nitrogen activation system, and storage tanks installed in RW-2, RW-3, RW-4, RW-5 & MW-28. The west side LNAPL recovery system operated from 2004 to October 2006. Records indicate a total of 5,327 gallons of hydrocarbons were recovered from the west side LNAPL system. Operation of the Xitech skimmer pumps was suspended in mid-October 2006 due to Site demolition activities. A summary of LNAPL recovery totals per year is presented in TABLE XI.

5.1.3 LNAPL RECOVERY SYSTEM - EAST SIDE

An LNAPL recovery system on the east side of the Site was installed in May 2003. This LNAPL system consisted of two Ferret Separation Pumps in monitor wells MW-5 and MW-20. The Ferret pumps operated from May 2003 to December 2008. From May 2003 to December 2008, a total of 3,707 gallons of LNAPL and 56,734 gallons of water were recovered the east side recovery system.

During the 2009 calendar year, the Ferret Pumps operated from January 2009 to March 2009. During this time period, a total of 75 gallons of LNAPL and 599 gallons of water were recovered.

In April 2009, LNAPL recovery efforts on the east side were re-evaluated and product recovery continued with a Xitech product recovery pump in MW-20 and hand-bailing LNAPL in MW-5 to increase LNAPL recovery and decrease water production. These LNAPL recovery methods continued for the remainder of the 2009 calendar year. A total of 488 gallons of LNAPL and 77 gallons of water were recovered from April to December 2009. A total of 563 gallons of LNAPL and 676 gallons of water were recovered for the 2009 calendar year. A summary of LNAPL recovery totals per year is presented in TABLE XII.

5.2 CHLORIDE AND TDS REMEDIATION

The groundwater recovery system was installed on the east side of the Site in 2004 and originally consisted of two recovery wells (MWD-3 & MWD-9). In 2006, the network of recovery wells was expanded from two to five recovery wells (MWD-3, MWD-9, RW-6, RW-7, RW-8) and have been in operation since. The extracted groundwater is disposed at an onsite deep injection well (injection well #5). The chloride and TDS groundwater recovery system has operated to a) control migration of the elevated chloride and TDS plume and b) reduce chloride concentrations in the groundwater present at the Site.

A total of 145,413 barrels (18.7 ac/ft) were extracted by the chloride recovery system for the 2009 calendar year. The individual recovery totals recorded in barrels and acre/feet for each well for 2009 and the previous calendar years are presented in TABLE XIII.

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

6.0 FINDINGS

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

- The Site is monitored semi-annually with a network of thirty-one shallow monitor wells (MW-1 to MW-34 excluding MW-5, MW-20, and MW-28), eight shallow LNAPL recovery wells (RW-1 to RW-5, MW-5, MW-20, and MW-28), five temporary monitor wells (TMW-1 to TMW-3, TMW-5, and TMW-6), fifteen deep monitor wells (MWD-1 to MWD-17, excluding MWD-3 and MWD-9), seven water wells (WW-1 to WW-7), and five deep chloride recovery wells (MWD-3, MWD-9, RW-6, RW-7, and RW-8). Depth to groundwater ranged from 49.45 feet to 58.04 feet in February and 48.75 feet to 58.31 feet below TOC in August for the shallow and deep aquifers.
- The average gradient observed in the shallow zone during the 2009 calendar year was 0.005 feet/foot. The average gradient observed in the deep zone during the 2009 calendar year was 0.003 feet/foot.
- LNAPL was detected in the fifteen wells during the February sampling event. During the August sampling event LNAPL was detected in nineteen wells. The largest LNAPL thicknesses measured for February and August occurred in MW-20 at 4.05 feet and 4.26 feet, respectively.
- During the February groundwater monitoring event, benzene concentrations exceeded the NMWQCC standards in fifteen shallow wells and thirteen deep wells.
- During the February groundwater monitoring event, ethylbenzene concentrations exceeded the NMWQCC standards in monitor well MW-27 with a concentration of 1,300 ug/L.
- During the February groundwater monitoring event, RW-7 exceeded the NMWQCC standard for mercury with a concentration of 0.0155 mg/L.
- During the February groundwater monitoring event, arsenic concentrations exceeded NMWQCC standards in monitor well MWD-17 at 0.471 mg/L.
- During the February groundwater monitoring event, barium concentrations exceeded NMWQCC standards in twelve shallow wells and one deep well.
- During the February groundwater monitoring event, MW-16 exceeded the NMWQCC standard for chromium with a concentration of 0.138 mg/L.
- During the February groundwater monitoring event, chloride concentrations exceeded NMWQCC standards in twenty-two shallow wells and eighteen deep wells.

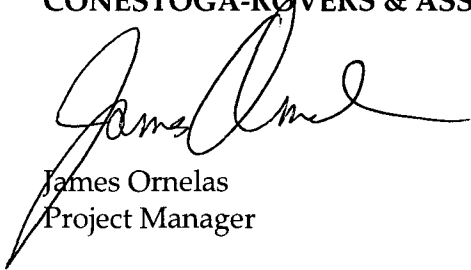
- During the February groundwater monitoring event, TDS concentrations exceeded NMWQCC standards in twenty-three shallow wells and nineteen deep wells.
- During the August groundwater monitoring event, benzene concentrations exceeded the NMWQCC standards in eight shallow wells and thirteen deep wells.
- During the August groundwater monitoring event, ethylbenzene concentrations exceeded the NMWQCC standards in monitor well MW-25 with a concentration of 780 ug/L.
- Arsenic concentrations during the August groundwater monitoring event exceeded the NMWQCC standard in MWD-5 with a concentration of 0.116 mg/L.
- Barium concentrations during the August groundwater monitoring event exceeded the NMWQCC standards in nine shallow wells and two deep wells.
- Chromium concentrations during the August groundwater monitoring event exceeded the NMWQCC standards in monitor well MW-16 with a concentration of 0.123 mg/L.
- During the August groundwater monitoring event, chloride concentrations exceeded NMWQCC standards in twenty shallow wells and twenty deep wells.
- During the August groundwater monitoring event, TDS concentrations exceeded NMWQCC standards in twenty-one shallow wells and twenty deep wells.
- During the 2009 calendar year, the Ferret Pumps operated from January 2009 to March 2009. During this time period, a total of 75 gallons of LNAPL and 599 gallons of water were recovered. In April 2009, LNAPL recovery efforts on the east side were re-evaluated and product recovery continued with a Xitech product recovery pump in MW-20 and hand-bailing LNAPL in MW-5 to increase LNAPL recovery and decrease water production. From April to December 2009, a total of 488 gallons of LNAPL and 77 gallons of water were recovered. A total of 563 gallons of LNAPL and 676 gallons of water were recovered for the 2009 calendar year.
- A total of 145,413 barrels (18.7 ac/ft) were extracted by the chloride recovery system for the 2009 calendar year.
- The 2010 semi-annual groundwater sampling events are scheduled to be performed during February and August 2010. Groundwater samples will be collected from all wells that do not contain measureable LNAPL. In addition, weekly O&M activities will be performed to monitor the performance of the east side LNAPL and chloride recovery systems and to periodically replace worn equipment.

7.0 RECOMMENDATIONS AND FUTURE SITE ACTIVITIES

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

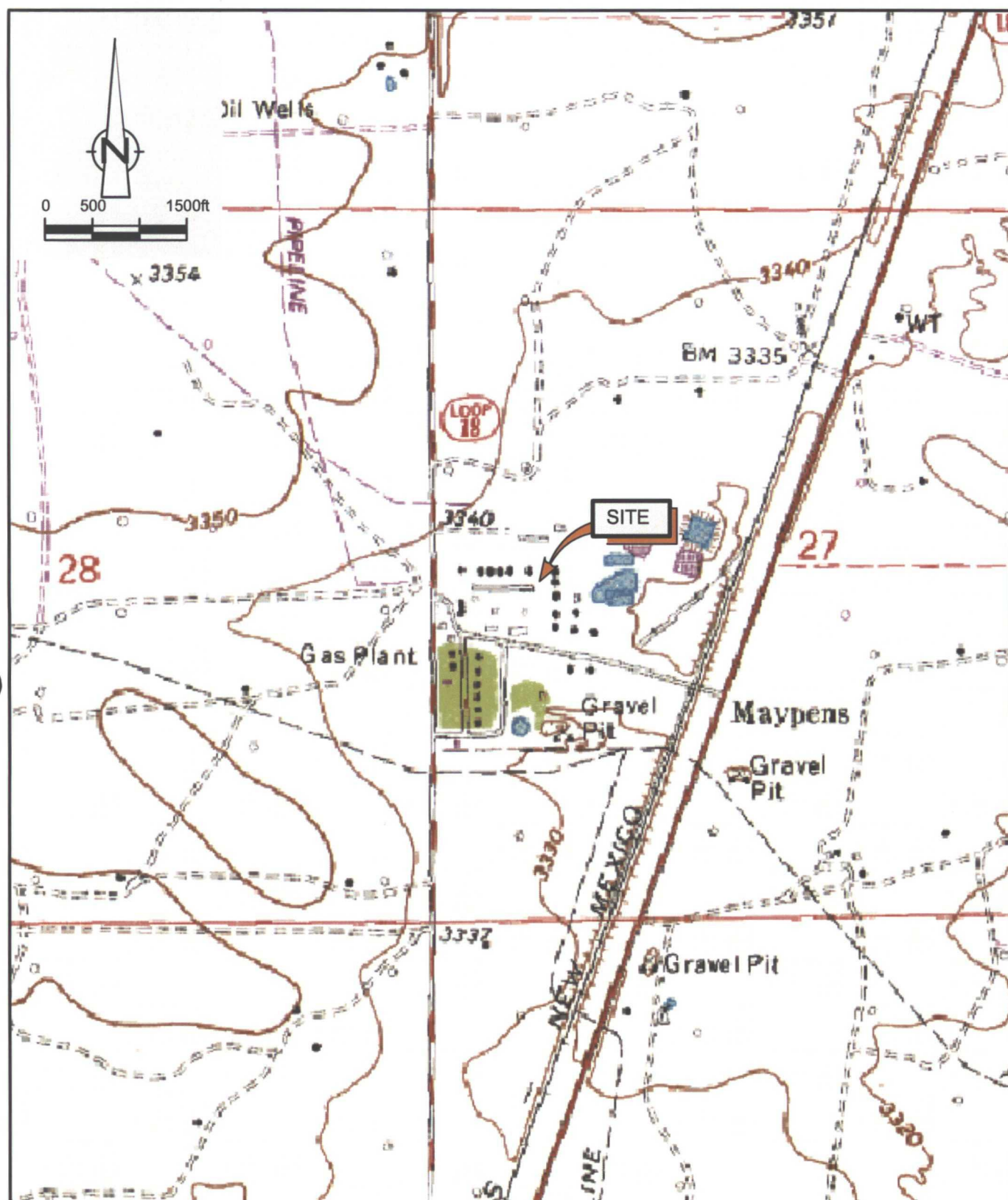
- Continue ongoing semi-annual groundwater monitoring and sampling activities in 2010; and
- Continue weekly operation and maintenance of both the east side LNAPL and chloride recovery system at the site;

All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



James Ornelas
Project Manager

Thomas C. Larson, P.G.
Operations Manager



USGS QUADRANGLE
RATTLESNAKE CANYON, NEW MEXICO
32° 21' 44.75" N, 103° 09' 26.87" W

figure 1

SITE LOCATION MAP
EUNICE SOUTH
LEA COUNTY, NEW MEXICO

Chevron Environmental Management Company



TABLE I
SUMMARY OF GROUNDWATER
ELEVATIONS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
<i>Shallow Monitor Wells</i>								
MW-1 3335.09	2"	2/18/09 8/5/09	54.27 54.30	51.96 52.03	2.31 2.27	3282.62 3282.56	60.00 ---	45-60
MW-2 3335.70	2"	2/18/09 8/5/09	56.44 54.90	53.85 52.21	2.59 2.69	3281.34 3282.96	61.00 ---	46-61
MW-3 3339.65	4"	2/9/09 8/5/09	56.24 56.25	--- ---	--- ---	3283.41 3283.40	--- 68.40	46.4-66.4
MW-4 3333.25	4"	2/11/09 8/4/09	51.99 51.43	--- ---	--- ---	3281.26 3281.82	--- 66.3	46.7-66.7
MW-6 3332.33	4"	2/5/09 8/4/09	52.14 52.20	--- ---	--- ---	3280.19 3280.13	--- 68.40	46.6-66.6
MW-7 3330.43	4"	2/5/09 8/4/09	49.86 50.08	--- ---	--- ---	3280.57 3280.35	--- 68.7	46.7-66.7
MW-8 3330.59	4"	2/2/09 8/4/09	49.48 49.66	--- ---	--- ---	3281.11 3280.93	--- 68.80	46.7-66.7
MW-9 3334.73	4"	2/12/09 8/5/09	53.46 53.56	--- ---	--- ---	3281.27 3281.17	--- 69.00	46.8-66.8
MW-10 3336.38	4"	2/18/09 8/5/09	53.84 53.95	53.83 ---	0.01 ---	3282.55 3282.43	66.40 ---	46.4-66.4
MW-11 3334.86	4"	2/18/09 8/5/09	52.21 52.37	--- 52.35	--- 0.02	3282.65 3282.51	66.79 ---	46.7-66.7
MW-12 3333.88	4"	2/18/09 8/5/09	52.14 52.27	51.42 51.55	0.72 0.72	3282.31 3282.18	67.12 ---	47.1-67.1
MW-13 3336.15	4"	2/9/09 8/4/09	56.30 56.30	--- ---	--- ---	3279.85 3279.85	--- 70.00	48-68
MW-14 3333.04	4"	2/9/09 8/4/09	52.63 52.72	--- ---	--- ---	3280.41 3280.32	--- 68.00	45-65
MW-15 3328.98	4"	2/9/09 8/4/09	49.60 48.75	--- ---	--- ---	3279.38 3280.23	68.00 68.20	46-68
MW-16 3330.20	4"	2/9/09 8/4/09	49.45 49.58	--- ---	--- ---	3280.75 3280.62	--- 69.65	46.5-68
MW-17 3334.32	4"	2/11/09 8/4/09	52.75 52.88	--- ---	--- ---	3281.57 3281.44	--- 69.70	47.1-68.1
MW-18 3336.10	4"	2/10/09 8/4/09	53.38 53.27	--- ---	--- ---	3282.72 3282.83	--- 69.90	45.6-68
MW-19 3334.21	4"	2/18/09 3/18/09 8/5/09	53.42 53.51 52.81	52.44 52.51 ---	0.98 1.00 ---	3281.63 3281.56 3281.40	66.00 --- ---	46-66
MW-21 3333.02	4"	2/18/09 8/5/09	51.89 52.13	51.86 52.12	0.03 0.01	3281.16 3280.90	66.00 ---	46-66

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EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
MW-22 3334.87	4"	2/11/09 8/5/09	55.04 54.55	--- ---	--- ---	3279.83 3280.32	--- 68.30	45-65
MW-23 3334.45	4"	2/11/09 8/4/09	54.39 54.25	--- ---	--- ---	3280.06 3280.20	--- 69.00	45-65
MW-24 3336.97	4"	2/18/09 8/4/09	54.16 54.26	--- 54.25	--- 0.01	3282.81 3282.72	--- 65.00	45-65
MW-25 3336.31	4"	2/12/09 8/5/09	52.16 52.00	--- ---	--- ---	3284.15 3284.31	--- 65.00	45-65
MW-26 3334.93	4"	2/17/09 8/4/09	52.47 52.61	--- 52.60	--- 0.01	3282.46 3282.33	65.00 ---	45-65
MW-27 3334.96	4"	2/17/09 8/4/09	52.51 52.65	--- 52.63	--- 0.02	3282.45 3282.33	--- 65.00	45-65
MW-29 3334.01	4"	2/4/09 8/5/09	52.56 52.65	--- ---	--- ---	3281.45 3281.36	65.00 68.25	45-65
MW-30 3336.49	4"	2/4/09 8/4/09	55.26 55.31	--- ---	--- ---	3281.23 3281.18	65.00 68.7	45-65
MW-31 3334.52	4"	2/9/09 8/5/09	53.78 53.83	--- ---	--- ---	3280.74 3280.69	--- 69.30	45-65
MW-32 3333.01	4"	2/4/09 8/4/09	51.28 51.44	--- ---	--- ---	3281.73 3281.57	--- 73.90	50-65
MW-34 3335.77	4"	2/4/09 8/5/09	53.51 53.62	--- ---	--- ---	3282.26 3282.15	--- 64.00	42-57
<i>West Side Shallow LNAPL Recovery Wells</i>								
RW-1 3335.19	6"	3/9/09 8/5/09	54.47 55.01	51.98 51.92	2.49 3.09	3282.82 3282.79	110.00 ---	50-110
RW-2 3337.84	6"	3/9/09 8/5/09	58.04 58.31	55.75 55.79	2.29 2.52	3281.60 3281.51	74.50 ---	44.5-74.5
RW-3 3338.06	6"	3/9/09 8/5/09	57.15 57.29	56.37 56.46	0.78 0.83	3281.53 3281.43	75.00 ---	45-75
RW-4 3334.14	6"	3/9/09 8/5/09	57.70 58.04	54.63 54.67	3.07 3.37	3278.83 3278.73	75.00 ---	45-75
RW-5 3334.20	4"	3/9/09 8/5/09	57.60 58.09	55.23 55.28	2.37 2.81	3278.52 3278.39	62.00 ---	42-62
MW-28 3333.04	4"	3/9/09 8/5/09	57.65 57.94	53.6 53.68	4.05 4.26	3278.36 3278.22	65.00 ---	45-65

TABLE I
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EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
East Side Shallow LNAPL Recovery Wells								
MW-5 3333.85	4"	2/4/09	52.62	52.60	0.02	3281.25	66.54	46.5-66.5
		3/18/09	52.93	52.56	0.37	3281.24	---	
		8/5/09	53.04	52.64	0.40	3281.15	---	
MW-20 3334.06	4"	2/4/09	54.37	52.44	1.93	3281.33	66.00	46-66
		3/18/09	56.92	52.25	4.67	3281.10	---	
		3/25/09	57.44	52.19	5.25	3281.08	---	
		8/5/09	55.82	52.65	3.17	3280.93	---	
Temporary Monitor Wells								
TMW-1 3337.70	4"	2/10/09	54.61	---	---	3283.09	---	NA
		8/4/09	54.61	---	---	3283.09	70.35	---
TMW-2 3338.30	4"	2/18/09	55.95	55.11	0.84	3283.11	70.44	NA
		3/18/09	56.08	55.18	0.90	3283.04	---	---
		8/5/09	56.15	55.20	0.95	3283.01	---	---
TMW-3 3336.67	4"	2/17/09	53.77	---	---	3282.90	70.23	NA
		8/5/09	53.91	53.90	0.01	3282.76	---	---
TMW-5 3335.66	4"	2/18/09	53.50	---	---	3282.16	---	NA
		8/4/09	53.51	---	---	3282.15	70.40	---
TMW-6 3335.36	4"	2/17/09	52.36	---	---	3283.00	---	NA
		8/4/09	52.46	---	---	3282.90	68.30	---
Deep Monitor Wells								
MWD-1 3335.26	4"	2/11/09	53.37	---	---	3281.89	---	45-95
		8/4/09	53.65	---	---	3281.61	97.34	
MWD-2 3336.32	4"	2/10/09	54.75	---	---	3281.57	---	45-85
		8/4/09	54.22	---	---	3282.10	86.56	
MWD-4 3330.86	4"	2/5/09	50.32	---	---	3280.54	---	45-85
		8/4/09	50.52	---	---	3280.34	87.51	
MWD-5 3334.01	4"	2/12/09	52.11	---	---	3281.90	---	45-95
		8/5/09	52.23	---	---	3281.78	91.64	
MWD-6 3335.08	4"	2/12/09	53.44	---	---	3281.64	---	55-105
		8/4/09	53.56	---	---	3281.52	106.18	
MWD-7 3332.82	4"	2/11/09	51.54	---	---	3281.28	---	45-85
		8/5/09	51.68	---	---	3281.14	87.92	
MWD-8 3335.97	4"	2/10/09	53.58	---	---	3282.39	85.00	45-85
		8/5/09	53.50	---	---	3282.47	88.13	
MWD-10 3334.92	4"	2/12/09	53.19	---	---	3281.73	---	45-85
		8/4/09	53.21	---	---	3281.71	87.78	

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CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
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LEA COUNTY, NEW MEXICO

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MWD-11 3338.24	4"	2/10/09 8/5/09	55.41 55.43	--- ---	--- ---	3282.83 3282.81	--- 96.84	44-94
MWD-12 3334.08	4"	2/17/09 8/5/09	53.04 53.25	--- ---	--- ---	3281.04 3280.83	--- 89.33	38-88
MWD-13 3332.11	4"	2/5/09 8/4/09	52.37 52.33	--- ---	--- ---	3279.74 3279.78	--- 93.25	40-90
MWD-14 3333.76	4"	2/12/09 8/4/09	52.86 52.81	--- ---	--- ---	3280.90 3280.95	--- 93.12	40-90
MWD-15 3335.35	4"	2/12/09 8/4/09	53.50 53.29	--- ---	--- ---	3281.85 3282.06	--- 90.28	40-90
MWD-16 3334.10	4"	2/12/09 8/5/09	52.39 52.42	--- ---	--- ---	3281.71 3281.68	--- 96.74	45-95
MWD-17 3334.74	4"	2/12/09 8/4/09	54.28 54.13	--- ---	--- ---	3280.46 3280.61	--- 98.65	45-95
Water Wells								
WW-1 3332.04		2/2/09 8/17/09	NG NG	--- ---	--- ---	NG NG	NA ---	NA ---
WW-2 3331.46		2/2/09 8/17/09	49.91 NG	--- ---	--- ---	3281.55 NG	92.02 ---	NA ---
WW-3 3334.45		2/2/09 8/17/09	52.69 NG	--- ---	--- ---	3281.76 NG	68.55 ---	NA ---
WW-4 3335.40		2/3/09 8/17/09	55.95 NG	--- ---	--- ---	3279.45 NG	91.28 ---	NA ---
WW-5 3334.18		2/3/09 8/17/09	53.30 NG	--- ---	--- ---	3280.88 NG	94.25 ---	NA ---
WW-6 3329.72		2/3/09 8/17/09	50.30 NG	--- ---	--- ---	3279.42 NG	113.13 ---	NA ---
WW-7 3331.73		2/2/09 8/17/09	50.95 NG	--- ---	--- ---	3280.78 NG	60.03 ---	NA ---
Deep Chloride Recovery Wells								
MWD-3 3335.06	4"	2/11/09 8/18/09	NG NG	--- ---	--- ---	Pump Pump	92.00 ---	42-92
MWD-9 3333.45	4"	2/11/09 8/17/09	NG NG	--- ---	--- ---	Pump Pump	90.00 ---	50-90

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CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID TOC Elevation	Well Diameter	Collection Date	Depth to Groundwater (ft TOC)	Depth to LNAPL (ft TOC)	LNAPL Thickness (ft)	Corrected Groundwater Elevation (ft)	Well Depth (ft TOC)	Well Screen Interval (ft bgs)
RW-6 3332.37	4"	2/11/09 8/17/09	NG NG	--- ---	--- ---	Pump Pump	112.00 ---	52-92
RW-7 3331.23	4"	2/11/09 8/17/09	NG NG	--- ---	--- ---	Pump Pump	103.00 ---	52-92
RW-8 3333.39	4"	2/11/09 8/17/09	NG NG	--- ---	--- ---	Pump Pump	92.00 ---	52-82

Notes:

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

TABLE II
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature oC	Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
<i>Shallow Monitor Wells</i>						
MW-1	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
MW-2	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
MW-3	2/9/09	7.14	21.40	1,052	13.2	1.06
	8/13/09	7.61	21.36	1,117	95.1	0.16
MW-4	2/11/09	6.50	20.91	13,367	-43.0	0.23
	8/12/09	6.80	22.26	8,961	-67.5	0.59
MW-6	2/5/09	7.02	21.36	18,355	-51.8	2.66
	8/7/09	6.94	22.05	4,111	-27.4	0.44
MW-7	2/5/09	6.86	19.83	1,562	-104.1	0.64
	8/6/09	6.96	21.17	1,406	-108.5	0.21
MW-8	2/2/09	NA	NA	NA	NA	NA
	8/6/09	6.85	21.70	5,196	-97.7	0.54
MW-9	2/12/09	6.98	20.62	2,818	-120.2	0.20
	8/14/09	6.76	21.50	1,950	-125.8	10.01
MW-10	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
MW-11	2/18/09	Not Sampled -- No Access due to Demo work				
	8/10/09	Not Sampled -- LNAPL				
MW-12	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
MW-13	2/9/09	7.12	21.07	1,978	-124.6	0.87
	8/11/09	7.04	22.14	1,769	-105.9	0.34
MW-14	2/9/09	6.95	20.29	2,222	43.0	0.51
	8/6/09	6.99	21.19	2,015	25.6	0.98
MW-15	2/9/09	6.70	20.10	5,423	127.2	1.34
	8/12/09	6.79	22.12	6,136	87.0	1.22
MW-16	2/9/09	6.98	20.15	4,145	108.9	2.57
	8/6/09	6.75	21.88	5,071	16.3	0.50
MW-17	2/11/09	6.80	19.80	12,653	41.9	0.33
	8/11/09	6.90	21.90	9,430	-47.7	0.56
MW-18	2/10/09	6.83	20.88	9,075	-3.6	7.73
	8/10/09	6.92	21.84	4,033	-18.8	1.21
MW-19	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
MW-21	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				

TABLE II
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature oC	Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
MW-22	2/11/09	6.96	20.53	15,528	-160.3	0.07
	8/13/09	7.84	21.47	6,715	-163.7	3.79
MW-23	2/11/09	6.35	20.73	29,443	116.7	0.65
	8/7/09	6.64	24.79	24,440	59.5	0.44
MW-24	2/18/09	7.07	21.78	2,689	-153.4	0.93
	8/10/09	Not Sampled -- LNAPL				
MW-25	2/12/09	7.69	22.10	1,038	-298.2	0.25
	8/14/09	8.28	21.20	4,753	-139.6	6.92
MW-26	2/17/09	7.19	24.34	2,298	-162.5	0.48
	8/10/09	Not Sampled -- LNAPL				
MW-27	2/17/09	8.28	22.09	4,543	-263.1	0.48
	8/10/09	Not Sampled -- LNAPL				
MW-29	2/4/09	7.01	19.78	3,153	-138.4	3.14
	8/13/09	6.91	20.87	7,140	-152.1	3.62
MW-30	2/4/09	7.05	19.96	1,868	-146.3	6.20
	8/13/09	7.31	22.27	1,731	-160.4	0.61
MW-31	2/9/09	6.99	20.30	2,312	-143.0	0.35
	8/14/09	6.79	20.88	2,230	-138.1	0.73
MW-32	2/4/09	7.12	20.43	6,754	-150.5	1.04
	8/12/09	7.65	20.85	5,112	-172.3	0.41
MW-34	2/4/09	7.37	21.92	974	-153.4	3.88
	8/13/09	7.92	20.86	1,136	-138.6	2.94
West Side Shallow LNAPL Recovery Wells						
RW-1	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
RW-2	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
RW-3	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
RW-4	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
RW-5	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				

TABLE II
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature oC	Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
MW-28	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
East Side Shallow LNAPL Recovery Wells						
MW-5	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
MW-20	3/9/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
Temporary Monitor Wells						
TMW-1	2/10/09	6.76	21.31	4,854	-117.6	1.51
	8/12/09	6.68	22.43	2,845	-129.7	0.79
TMW-2	2/18/09	Not Sampled -- LNAPL				
	8/10/09	Not Sampled -- LNAPL				
TMW-3	2/17/09	Not Sampled -- No Access				
	8/10/09	Not Sampled -- LNAPL				
TMW-5	2/18/09	7.68	21.24	14,560	-197.4	0.70
	8/10/09	7.21	21.99	9,539	-192.4	0.79
TMW-6	2/17/09	7.11	21.97	2,441	-173.8	0.36
	8/11/09	6.42	22.44	1,561	-126.5	0.45

Notes:

1. LNAPL - Light non-aqueous phase liquid.

TABLE III
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	pH	Temperature oC	Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
<i>Deep Monitor Wells</i>						
MWD-1	2/11/09	6.59	20.04	28,584	96.3	0.52
	8/6/09	6.81	20.5	<25,000	NA	NA
MWD-2	2/10/09	6.53	21.12	48,106	8.5	1.71
	8/12/09	6.60	22.07	45,460	NA	NA
MWD-4	2/5/09	6.94	19.16	1,734	-97.1	1.37
	8/6/09	7.25	20.2	2,500	NA	NA
MWD-5	2/12/09	7.18	20.64	6,266	-184	0.18
	8/12/09	8.93	21.66	7,454	NA	NA
MWD-6	2/12/09	7.04	20.64	4,464	-110.3	0.24
	8/7/09	7.15	20.70	4,410	NA	NA
MWD-7	2/11/09	6.63	20.35	22,974	120.4	0.30
	8/6/09	6.83	20.7	<25,000	NA	NA
MWD-8	2/10/09	6.74	20.8	30,339	40.8	5.03
	8/11/09	6.80	21.64	26,450	NA	NA
MWD-10	2/12/09	7.29	21.41	17,475	-214.5	1.17
	8/10/09	7.15	20.81	19,880	NA	NA
MWD-11	2/10/09	6.69	21.05	5,890	46.4	3.33
	8/12/09	6.82	21.04	8,436	NA	NA
MWD-12	2/17/09	7.15	21.37	14,395	-132.1	0.26
	8/6/09	7.30	20.2	13,510	NA	NA
MWD-13	2/5/09	7.00	21.06	19,253	33.4	1.00
	8/7/09	7.01	20.8	<25,000	NA	NA
MWD-14	2/12/09	7.53	20.65	25,350	-228.7	0.20
	8/10/09	7.50	51.58	35,180	NA	NA
MWD-15	2/12/09	7.07	20.84	46,968	-137.8	0.30
	8/12/09	7.28	21.86	53,110	NA	NA
MWD-16	2/12/09	7.93	20.93	23,564	-305.3	0.59
	8/10/09	7.97	21.68	24,220	NA	NA
MWD-17	2/12/09	6.90	20.24	74,077	-181.1	0.28
	8/12/09	7.15	21.51	92,460	NA	NA
<i>Water Wells</i>						
WW-1	2/2/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
WW-2	2/2/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
WW-3	2/2/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
WW-4	2/3/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				

TABLE III
SUMMARY OF GROUNDWATER GEOCHEMICAL PARAMETERS
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

2 of 2

Well ID	Collection Date	pH	Temperature oC	Conductivity (mS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
WW-5	2/3/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
WW-6	2/3/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
WW-7	2/2/09	Not Sampled - No Access				
	8/10/09	Not Sampled - No Access				
Deep Chloride Recovery Wells						
MWD-3	2/11/09	Pumping				
	8/18/09	Pumping				
MWD-9	2/11/09	Pumping				
	8/17/09	Pumping				
RW-6	2/11/09	Pumping				
	8/17/09	Pumping				
RW-7	2/11/09	Pumping				
	8/17/09	Pumping				
RW-8	2/11/09	Pumping				
		Pumping				

Notes:

1. NA - Not Analyzed.
2. LNAPL - Light non-aqueous phase liquid.

TABLE IV
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard ² ug/L		10	750	750	620
<i>Shallow Monitor Wells</i>					
MW-1	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-2	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-3	2/9/09	98	<1.0	31	<3.0
	8/13/09	<1.0	<1.0	<1.0	<3.0
MW-4 DUP2	2/11/09	5.9	<1.0	4.7	<3.0
	2/11/09	5.9	<1.0	4.8	<3.0
	8/12/09	<1.0	<1.0	<1.0	<3.0
MW-6	2/5/09	3.1	<1.0	7.6	6.7
	8/7/09	<1.0	<1.0	<1.0	<3.0
MW-7	2/5/09	2.8	1.1	11	9.0
	8/6/09	<1.0	<1.0	<1.0	<3.0
MW-8	2/2/09	Not Sampled			
	8/6/09	<1.0	<1.0	<1.0	<3.0
MW-9	2/12/09	3,700	33	470	140
	8/14/09	1,600	<1.0	64	<3.0
MW-10	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-11	2/18/09	Not Sampled -- No Access due to Demo work			
	8/10/09	Not Sampled -- LNAPL			
MW-12	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-13	2/9/09	5.5	<1.0	3.3	4.6
	8/11/09	<5.0	<1.0	<1.0	<3.0
MW-14	2/9/09	<1.0	<1.0	2.4	<3.0
	8/6/09	<1.0	<1.0	<1.0	<3.0
MW-15	2/9/09	6.1	<1.0	3.7	3.2
	8/12/09	3.3	<1.0	<1.0	<3.0
MW-16	2/9/09	1.3	<1.0	3.6	3.2
	8/6/09	<1.0	<1.0	<1.0	<3.0
MW-17	2/11/09	4.5	<1.0	4.2	<3.0
	8/11/09	<1.0	<1.0	<1.0	<3.0

TABLE IV
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard² ug/L		10	750	750	620
MW-18	2/10/09	4.0	<1.0	4.2	<3.0
	8/10/09	<1.0	<1.0	<1.0	<3.0
MW-19	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-21	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-22	2/11/09	2,700	<10	66	43
	8/13/09	3,500	<10	130	<30
MW-23	2/11/09	3.1	<1.0	2.7	<3.0
	8/7/09	<1.0	<1.0	<1.0	<3.0
MW-24	2/18/09	11,000	110	630	610
	8/10/09	Not Sampled -- LNAPL			
MW-25	2/12/09	7,900	<25	560	<75
	8/14/09	8,200	<20	780	<60
MW-26	2/17/09	6,100	<20	350	78
	8/10/09	Not Sampled -- LNAPL			
MW-27	2/17/09	12,000	<50	1,300	420
	8/10/09	Not Sampled -- LNAPL			
MW-29	2/4/09	490	5.0	170	140
	8/13/09	49	<1.0	51	29
MW-30	2/4/09	75	<1.0	10	<3.0
	8/13/09	1.9	<1.0	<1.0	<3.0
MW-31	2/9/09	3,700	1.9	330	6.7
	8/14/09	2,000	<5.0	180	<15
MW-32	2/4/09	20	1.2	17	14
	8/12/09	2.8	<1.0	<1.0	<3.0
MW-34	2/4/09	84	34	240	240
	8/13/09	26	17	150	210
West Side Shallow LNAPL Recovery Wells					
RW-1	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
RW-2	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			

TABLE IV
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard ² ug/L		10	750	750	620
RW-3	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
RW-4	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
RW-5	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-28	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
East Side Shallow LNAPL Recovery Wells					
MW-5	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
MW-20	3/9/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
Temporary Monitor Wells					
TMW-1	2/10/09	18	1.8	9.7	3.7
	8/12/09	<1.0	<1.0	<1.0	<3.0
TMW-2	2/18/09	Not Sampled -- LNAPL			
	8/10/09	Not Sampled -- LNAPL			
TMW-3	2/17/09	Not Sampled -- No Access			
	8/10/09	Not Sampled -- LNAPL			
TMW-5	2/18/09	2,200	7.2	110	41
	8/10/09	4,700	1.2	140	5.3
TMW-6	2/17/09	3,700	<25	420	210
	8/11/09	3,800	2.1	200	8.5

Notes:

1. BTEX was analyzed by EPA Method 8021B.
2. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A.
3. Analytical results are in ug/L (ppb).
4. LNAPL - Light non-aqueous phase liquid.
5. Bold indicates that a COC was detected
6. Shading indicates that a detected result exceeded the NMWQCC Standard.

TABLE V
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

1 of 2

Well ID	Collection Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
<i>NMWQCC Standard²</i> ug/L		10	750	750	620
<i>Deep Monitor Wells</i>					
MWD-1	2/11/09	3.7	<1.0	3.1	<3.0
	8/6/09	1.9	<1.0	<1.0	<3.0
MWD-2	2/10/09	6.2	1.0	3.6	<3.0
	8/12/09	3.5	<1.0	1.2	<3.0
MWD-4	2/5/09	2.8	1.0	11	9.2
	8/6/09	1.0	<1.0	<1.0	<3.0
MWD-5	2/12/09	5,000	63	470	110
	8/12/09	5,700	<250	<250	<750
MWD-6	2/12/09	5.8	<1.0	8.3	<3.0
	8/7/09	71	<1.0	61	4.9
DUP-01	8/7/09	69	<1.0	59	<6.0
MWD-7	2/11/09	2.3	<1.0	2.8	<3.0
	8/6/09	2.9	<1.0	<1.0	<3.0
MWD-8	2/10/09	7.0	1.4	4.8	<3.0
	8/11/09	3.3	<1.0	2.2	4.7
MWD-10	2/12/09	700	<1.0	100	18
	8/10/09	700	<1.0	67	13
DUP-02	8/10/09	700	1.1	70	14
MWD-11	2/10/09	13	3.8	6.6	<3.0
	8/12/09	3.5	<1.0	1.2	<3.0
MWD-12	2/10/09	900	<5.0	69	25
	8/6/09	660	1.5	41	12
MWD-13 DUP1	2/5/09	1.2	<1.0	3.6	3.1
	2/5/09	1.2	<1.0	3.6	3.1
	8/7/09	1.1	<1.0	<1.0	<3.0
MWD-14	2/12/09	1,400	<5.0	16	<15
	8/10/09	1,600	1.6	31	18
MWD-15 DUP3	2/12/09	440	1.4	210	56
	2/12/09	420	1.4	210	55
	8/12/09	300	1.1	120	29
MWD-16	2/12/09	770	1.6	300	170
	8/10/09	660	2.1	280	160
MWD-17	2/12/09	2,400	<5.0	34	22
	8/12/09	3,200	7.0	68	45

TABLE V
SUMMARY OF GROUNDWATER ANALYTICAL DATA - BTEX
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

2 of 2

Well ID	Collection Date	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
NMWQCC Standard ug/L		10	750	750	620
Water Wells					
WW-1	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
WW-2	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
WW-3	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
WW-4	2/3/09	Not Sampled			
	8/10/09	Not Sampled			
WW-5	2/3/09	Not Sampled			
	8/10/09	Not Sampled			
WW-6	2/3/09	Not Sampled			
	8/10/09	Not Sampled			
WW-7	2/2/09	Not Sampled			
	8/10/09	Not Sampled			
Deep Chloride Recovery Wells					
MWD-3	2/11/09	4,100	<20	160	87
	8/18/09	4,100	<10	120	<30
MWD-9	2/11/09	10	<1.0	1.4	<3.0
	8/17/09	13	<1.0	1.0	<3.0
RW-6	2/11/09	15	4.9	4.8	7.4
	8/17/09	23	7.8	9.5	11
RW-7	2/12/09	13	5.3	3.7	3.4
	8/17/09	17	1.5	4.5	3.8
RW-8	2/12/09	95	5.0	19	220
	10/1/09	19	1.4	7.1	110

Notes:

1. BTEX was analyzed by EPA Method 8021B.
2. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A.
3. Analytical results are in ug/L (ppb).
4. Bold indicates that a COC was detected
5. Shading indicates that a detected result exceeded the NMWQCC Standard.

TABLE VI
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard ³ mg/L		0.002	0.10	0.05	1.00	0.01	0.050	0.05	0.05
Shallow Monitor Wells									
MW-1	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-2	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-3	2/9/09	<0.00020	<0.0200	<0.0200	0.0615	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	<0.0200	<0.0200	0.0591	<0.0050	<0.0150	<0.0150	<0.0050
MW-4 DUP2	2/11/09	<0.00020	0.0207	<0.0200	0.0562	<0.0050	<0.0150	<0.0150	<0.0050
	2/11/09	<0.00020	<0.0200	<0.0200	0.0593	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	0.0548	<0.0050	<0.0150	<0.0150	<0.0050
MW-6	2/5/09	<0.00020	0.0269	<0.0200	0.0515	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	0.0247	<0.0200	0.0659	<0.0050	<0.0150	<0.0150	<0.0050
MW-7	2/5/09	<0.00020	<0.0200	<0.0200	0.206	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	0.0277	<0.0200	0.262	<0.0050	<0.0150	<0.0150	<0.0050
MW-8	2/2/09	Not Sampled							
	8/6/09	<0.00020	0.0442	<0.0200	0.0956	<0.0050	<0.0150	<0.0150	<0.0050
MW-9	2/12/09	<0.00020	<0.0200	<0.0200	16.0	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/09	<0.00020	0.0244	<0.0050	8.95	<0.0050	<0.0150	<0.0150	<0.0050
MW-10	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-11	2/18/09	Not Sampled -- No Access due to Demo work							
	8/10/09	Not Sampled -- LNAPL							
MW-12	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-13	2/9/09	<0.00020	0.0286	<0.0200	3.31	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	0.0246	<0.0200	2.69	<0.0050	<0.0150	<0.0150	<0.0050
MW-14	2/9/09	<0.00020	<0.0200	<0.0200	0.0612	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	<0.0200	<0.0200	0.0615	<0.0050	<0.0150	<0.0150	<0.0050
MW-15	2/9/09	<0.00020	<0.0200	<0.0200	0.0508	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	0.0252	<0.0200	0.0428	<0.0050	<0.0150	<0.0150	<0.0050
MW-16	2/9/09	<0.00020	<0.0200	<0.0200	0.0423	<0.0050	0.138	<0.0150	<0.0050
	8/6/09	<0.00020	<0.0200	<0.0200	0.0360	<0.0050	0.123	<0.0150	<0.0050
MW-17	2/11/09	<0.00020	<0.0200	<0.0200	0.0468	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	<0.0200	<0.0200	0.0423	<0.0050	<0.0150	<0.0150	<0.0050

TABLE VI
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³ mg/L		0.002	0.10	0.05	1.00	0.01	0.050	0.05	0.05
MW-18	2/10/09	<0.00020	<0.0200	<0.0200	0.0762	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0246	<0.0200	0.0808	<0.0050	<0.0150	<0.0150	<0.0050
MW-19	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-21	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-22	2/11/09	<0.00020	0.0508	<0.0200	0.542	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	0.0381	<0.0200	0.707	<0.0050	<0.0150	<0.0150	<0.0050
MW-23	2/11/09	<0.00020	0.0524	<0.0200	0.0938	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	0.0566	0.0246	0.0872	<0.0050	<0.0150	<0.0150	<0.0050
MW-24	2/18/09	<0.00020	0.0350	<0.0200	4.25	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	Not Sampled -- LNAPL							
MW-25	2/12/09	<0.00020	0.0272	<0.0200	1.86	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/09	<0.00020	<0.0200	<0.0200	1.49	<0.0050	<0.0150	<0.0150	<0.0050
MW-26	2/17/09	<0.00020	0.0442	<0.0200	2.53	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	Not Sampled -- LNAPL							
MW-27	2/17/09	<0.00020	0.0408	<0.0200	0.199	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	Not Sampled -- LNAPL							
MW-29	2/4/09	<0.00020	<0.0200	<0.0200	5.80	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	<0.0200	<0.0200	7.79	<0.0050	<0.0150	<0.0150	<0.0050
MW-30	2/4/09	<0.00020	<0.0200	<0.0200	8.38	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	0.0334	<0.0200	0.544	<0.0050	<0.0150	<0.0150	<0.0050
MW-31	2/9/09	<0.00020	0.0539	<0.0200	8.65	<0.0050	<0.0150	<0.0150	<0.0050
	8/14/09	<0.00020	0.0365	<0.0200	6.54	<0.0050	<0.0150	<0.0150	<0.0050
MW-32	2/4/09	<0.00020	<0.0200	<0.0200	3.87	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	1.70	<0.0050	<0.0150	<0.0150	<0.0050
MW-34	2/4/09	<0.00020	<0.0200	<0.0200	1.92	<0.0050	<0.0150	<0.0150	<0.0050
	8/13/09	<0.00020	<0.0200	<0.0200	2.42	<0.0050	<0.0150	<0.0150	<0.0050
West Side Shallow LNAPL Recovery Wells									
RW-1	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							

TABLE VI
SUMMARY OF GROUNDWATER ANALYTICAL DATA - RCRA 8 METALS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard ³ mg/L		0.002	0.10	0.05	1.00	0.01	0.050	0.05	0.05
RW-2	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
RW-3	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
RW-4	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
RW-5	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-28	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
East Side Shallow LNAPL Recovery Wells									
MW-5	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
MW-20	3/9/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
Temporary Monitor Wells									
TMW-1	2/10/09	<0.00020	0.0585	<0.0200	1.20	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	0.0481	<0.0200	1.02	<0.0050	<0.0150	<0.0150	<0.0050
TMW-2	2/18/09	Not Sampled -- LNAPL							
	8/10/09	Not Sampled -- LNAPL							
TMW-3	2/17/09	Not Sampled -- No Access							
	8/10/09	Not Sampled -- LNAPL							
TMW-5	2/18/09	<0.00020	0.0669	<0.0200	0.516	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0372	<0.0200	0.590	<0.0050	<0.0150	<0.0150	<0.0050
TMW-6	2/17/09	<0.00020	0.0724	<0.0200	1.02	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	0.0712	<0.0200	0.5170	<0.0050	<0.0150	<0.0150	<0.0050

Notes:

1. Dissolved Metal (Mercury) was analyzed by EPA Method 7470A.
2. Dissolved Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Selenium & Silver) were analyzed by EPA Method 6010B.
3. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A.
4. Analytical results are in mg/L (ppm).
5. LNAPL - Light non-aqueous phase liquid.
6. Bold indicates that a COC was detected
7. Shading indicates that a detected result exceeded the NMWQCC Standard.

TABLE VII
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard³ mg/L		0.002	0.10	0.05	1.00	0.01	0.0500	0.05	0.05
Deep Monitor Wells									
MWD-1	2/11/09	<0.00020	0.0263	<0.020	0.0429	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	<0.0200	<0.0200	0.0428	<0.0050	<0.0150	<0.0150	<0.0050
MWD-2	2/10/09	<0.00020	<0.020	<0.020	0.0821	<0.0050	0.0219	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	0.0877	<0.0050	<0.0750	<0.0150	<0.0250
MWD-4	2/5/09	<0.00020	0.0275	<0.0200	0.804	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	0.0344	<0.0200	0.510	<0.0050	<0.0150	<0.0150	<0.0050
MWD-5	2/12/09	<0.00020	0.0880	<0.0200	6.35	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	0.116	<0.0200	5.69	<0.0050	<0.0150	<0.0150	<0.0050
MWD-6	2/12/09	<0.00020	<0.0200	<0.0200	0.274	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	<0.0200	<0.0200	1.70	<0.0050	<0.0150	<0.0150	<0.0050
DUP 01	8/7/09	<0.00020	<0.0200	<0.0200	1.56	<0.0050	<0.0150	<0.0150	<0.0050
MWD-7	2/11/09	<0.00020	<0.020	<0.020	0.0326	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	<0.0200	<0.0200	0.0361	<0.0050	<0.0150	<0.0150	<0.0050
MWD-8	2/10/09	<0.00020	<0.020	<0.020	0.0733	<0.0050	<0.0150	<0.0150	<0.0050
	8/11/09	<0.00020	<0.0200	<0.0200	0.0716	<0.0050	0.0222	<0.0150	<0.0050
MWD-10	2/12/09	<0.00020	0.0866	<0.0200	0.625	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0739	<0.0200	0.517	<0.0050	<0.0150	<0.0150	<0.0050
DUP-02	8/10/09	<0.00020	0.0717	<0.0200	0.499	<0.0050	<0.0150	<0.0150	<0.0050
MWD-11	2/10/09	<0.00020	<0.020	<0.020	0.0906	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.0200	<0.0200	0.0849	<0.0050	<0.0150	<0.0150	<0.0050
MWD-12	2/10/09	<0.00020	0.0534	<0.0200	0.502	<0.0050	<0.0150	<0.0150	<0.0050
	8/6/09	<0.00020	0.0617	<0.0200	0.463	<0.0050	<0.0150	<0.0150	<0.0050
MWD-13 DUP1	2/5/09	<0.00020	0.0244	<0.0200	0.0361	<0.0050	<0.0150	<0.0150	<0.0050
	2/5/09	<0.00020	<0.0200	<0.0200	0.0363	<0.0050	<0.0150	<0.0150	<0.0050
	8/7/09	<0.00020	0.0264	<0.0200	0.0747	<0.0050	<0.0150	<0.0150	<0.0050
MWD-14	2/12/09	<0.00020	0.0589	<0.0200	0.191	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0543	<0.0200	0.206	<0.0050	<0.0150	<0.0150	<0.0050
MWD-15 DUP3	2/12/09	<0.00020	0.0540	<0.0200	0.647	<0.0050	<0.0150	<0.0150	<0.0050
	2/12/09	<0.00020	0.0606	<0.0200	0.618	<0.0050	<0.0150	<0.0150	<0.0050
	8/12/09	<0.00020	<0.100	<0.100	0.377	<0.0250	<0.0750	<0.0750	<0.0250
MWD-16	2/12/09	<0.00020	0.0376	<0.0200	0.833	<0.0050	<0.0150	<0.0150	<0.0050
	8/10/09	<0.00020	0.0484	<0.0200	0.703	<0.0050	<0.0150	<0.0150	<0.0050
MWD-17	2/12/09	<0.00020	0.471	<0.0200	0.366	<0.0050	<0.0150	<0.0750	<0.0250
	8/12/09	<0.00020	0.616	<0.100	0.169	<0.0250	<0.0750	<0.0750	<0.0250

TABLE VII
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS - RCRA 8 METALS
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

2 of 2

Well ID	Collection Date	Mercury ¹ (mg/L)	Arsenic ² (mg/L)	Selenium ² (mg/L)	Barium ² (mg/L)	Cadmium ² (mg/L)	Chromium ² (mg/L)	Lead ² (mg/L)	Silver ² (mg/L)
NMWQCC Standard ³ mg/L		0.002	0.10	0.05	1.00	0.01	0.0500	0.05	0.05
Off Site Water Wells									
WW-1	2/2/09	Not Sampled							
	8/10/09	Not Sampled							
WW-2	2/2/09	Not Sampled							
	8/10/09	Not Sampled							
WW-3	2/2/09	Not Sampled							
	8/10/09	Not Sampled							
WW-4	2/3/09	Not Sampled							
	8/10/09	Not Sampled							
WW-5	2/3/09	Not Sampled							
	8/10/09	Not Sampled							
WW-6	2/3/09	Not Sampled							
	8/10/09	Not Sampled							
WW-7	2/2/09	Not Sampled							
	8/10/09	Not Sampled							
Deep Chloride Recovery Wells									
MWD-3	2/11/09	<0.00020	<0.100	<0.020	0.4610	<0.0250	<0.0150	<0.0750	<0.0250
	8/18/09	<0.00020	<0.100	<0.100	0.744	<0.0250	<0.0750	<0.0750	<0.0250
MWD-9	2/11/09	<0.00020	<0.100	<0.020	0.0765	<0.0050	<0.0150	<0.0750	<0.0250
	8/17/09	<0.00020	<0.100	<0.100	0.0852	<0.0250	<0.0750	<0.0750	<0.0250
RW-6	2/11/09	<0.00020	0.0252	<0.0200	0.505	<0.0050	<0.0150	<0.0750	<0.0250
	8/17/09	<0.00020	<0.100	<0.100	0.409	<0.0250	<0.0750	<0.0750	<0.0250
RW-7	2/12/09	0.0155	<0.100	<0.100	0.0679	<0.0250	0.0278	<0.0750	<0.0250
	8/17/09	<0.00020	<0.100	<0.100	0.0764	<0.0250	<0.0750	<0.0750	<0.0250
RW-8	2/12/09	<0.00020	0.0216	<0.0200	0.311	<0.0050	<0.0150	<0.0150	<0.0050
	10/1/09	<0.00020	0.0212	<0.0200	0.322	<0.0050	<0.0150	<0.0150	<0.0050

Notes:

1. Dissolved Metal (Mercury) was analyzed by EPA Method 7470A.
2. Dissolved Metals (Arsenic, Barium, Cadmium, Chromium, Lead, Selenium & Silver) were analyzed by EPA Method 6010B.
3. New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.A.
4. Analytical results are in mg/L (ppm).
5. Bold indicates that a COC was detected
6. Shading indicates that a detected result exceeded the NMWQCC Standard.

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
NMWQCC Standard ³ mg/L		250	1,000
<i>Shallow Monitor Wells</i>			
MW-1	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-2	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-3	2/9/09	110	685
	8/13/09	423	706
MW-4 DUP2	2/11/09	4,190	9,220
	2/11/09	4,900	9,800
	8/12/09	3,600	6,940
MW-6	2/5/09	5,050	10,700
	8/7/09	748	3,160
MW-7	2/5/09	97.1	1,060
	8/6/09	51.3	1,010
MW-8	2/2/09	Not Sampled	
	8/6/09	1,310	4,010
MW-9	2/12/09	560	1,720
	8/14/09	802	1,540
MW-10	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-11	2/18/09	Not Sampled -- No Access	
	8/10/09	Not Sampled -- LNAPL	
MW-12	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-13	2/9/09	374	1,170
	8/11/09	340	1,160
MW-14	2/9/09	421	1,280
	8/6/09	429	1,500
MW-15	2/9/09	2,370	5,250
	8/12/09	2,560	4,810
MW-16	2/9/09	1,830	3,790
	8/6/09	1,570	3,970
MW-17	2/11/09	4,160	8,240
	8/11/09	3,100	7,680

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
NMWQCC Standard³ <i>mg/L</i>		250	1,000
MW-18	2/10/09	2,570	4,880
	8/10/09	1,070	2,740
MW-19	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-21	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-22	2/11/09	6,400	9,840
	8/13/09	2,990	6,480
MW-23	2/11/09	12,100	21,000
	8/7/09	8,860	17,800
MW-24	2/18/09	371	1390
	8/10/09	Not Sampled -- LNAPL	
MW-25	2/12/09	2,630	6,470
	8/14/09	1,940	4,570
MW-26	2/17/09	295	1,330
	8/10/09	Not Sampled -- LNAPL	
MW-27	2/17/09	1,000	2,390
	8/10/09	Not Sampled -- LNAPL	
MW-29	2/4/09	661	1,840
	8/13/09	916	1,510
MW-30	2/4/09	412	1,380
	8/13/09	795	1,250
MW-31	2/9/09	454	1,400
	8/14/09	844	1,500
MW-32	2/4/09	1,540	3,910
	8/12/09	2,180	3,770
MW-34	2/4/09	73	569
	8/13/09	93.2	697
West Side Shallow LNAPL Recovery Wells			
RW-1	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
RW-2	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
RW-3	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	

TABLE VIII
SUMMARY OF WATER QUALITY PARAMETERS
SHALLOW WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Collection Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
NMWQCC Standard³ <i>mg/L</i>		250	1,000
RW-4	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
RW-5	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-28	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
East Side Shallow LNAPL Recovery Wells			
MW-5	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
MW-20	3/9/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
Temporary Monitor Wells			
TMW-1	2/10/09	1,840	3,620
	8/12/09	1,070	2,130
TMW-2	2/18/09	Not Sampled -- LNAPL	
	8/10/09	Not Sampled -- LNAPL	
TMW-3	2/17/09	Not Sampled -- No Access	
	8/10/09	Not Sampled -- LNAPL	
TMW-5	2/18/09	4,780	7,660
	8/10/09	2,970	6,830
TMW-6	2/17/09	437	1,440
	8/11/09	177	1,140

Notes:

- Chloride was analyzed by EPA Methods 300.0 & 325.3.
- Total Dissolved Solids (TDS) were analyzed by SM 2540C.
- New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.B.
- Analytical results are in mg/L (ppm).
- LNAPL - Light non-aqueous phase liquid.
- Bold indicates that a COC was detected
- Shading indicates that a detected result exceeded the NMWQCC Standard.

TABLE IX
SUMMARY OF WATER QUALITY PARAMETERS
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

1 of 2

Well ID	Collection Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
NMWQCC Standard ³ mg/L		250	1,000
<i>Deep Monitor Wells</i>			
MWD-1	2/11/09	10,500	19,600
	8/6/09	9,340	18,800
MWD-2	2/10/09	14,500	31,100
	8/12/09	18,200	25,900
MWD-4	2/5/09	237	1,170
	8/6/09	310	1,440
MWD-5	2/12/09	1,830	3,780
	8/12/09	2,240	4,530
MWD-6	2/12/09	237	822
	8/7/09	995	2,800
DUP 01	8/7/09	1,010	2,760
MWD-7	2/11/09	7,940	14,700
	8/6/09	7,610	16,600
MWD-8	2/10/09	9,390	18,400
	8/11/09	8,570	16,300
MWD-10	2/12/09	6,130	11,600
	8/10/09	5,550	11,400
DUP-02	8/10/09	5,670	12,600
MWD-11	2/10/09	2,640	4,670
	8/12/09	2,460	4,370
MWD-12	2/10/09	5,280	7,480
	8/6/09	4,350	9,440
MWD-13 DUP1	2/5/09	6,610	12,600
	2/5/09	6,830	13,000
	8/7/09	9,110	20,800
MWD-14	2/12/09	9,170	18,500
	8/10/09	10,700	21,200
MWD-15 DUP3	2/12/09	20,800	37,000
	2/12/09	20,400	37,000
	8/12/09	26,500	31,500
MWD-16	2/12/09	8,080	16,500
	8/10/09	8,750	17,600
MWD-17	2/12/09	34,400	62,500
	8/12/09	46,500	67,800

TABLE IX
SUMMARY OF WATER QUALITY PARAMETERS
DEEP WELLS - 2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

2 of 2

Well ID	Collection Date	Chloride (mg/L)	Total Dissolved Solids (mg/L)
NMWQCC Standard³ <i>mg/L</i>		250	1,000
Water Wells			
WW-1	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
WW-2	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
WW-3	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
WW-4	2/3/09	Not Sampled	
	8/10/09	Not Sampled	
WW-5	2/3/09	Not Sampled	
	8/10/09	Not Sampled	
WW-6	2/3/09	Not Sampled	
	8/10/09	Not Sampled	
WW-7	2/2/09	Not Sampled	
	8/10/09	Not Sampled	
Deep Chloride Recovery Wells			
MWD-3	2/11/09	48,100	82,200
	8/18/09	48,200	84,000
MWD-9	2/11/09	22,700	39,300
	8/17/09	20,900	39,600
RW-6	2/11/09	26,700	44,800
	8/17/09	32,400	61,300
RW-7	2/12/09	46,900	115,000
	8/17/09	58,600	104,000
RW-8	2/12/09	12,100	22,900
	10/1/09	10,700	20,800

Notes:

- Chloride was analyzed by EPA Methods 300.0 & 325.3.
- Total Dissolved Solids (TDS) were analyzed by SM 2540C.
- New Mexico Water Quality Control Commission (NMWQCC) Standards 20.6.2.3103.B.
- Analytical results are in mg/L (ppm).
- Bold indicates that a COC was detected
- Shading indicates that a detected result exceeded the NMWQCC Standard.

TABLE X
SUMMARY OF SOIL VAPOR EXTRACTION RECOVERY DATA -2004-2009
CHEVRON
ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date	Mass of LNAPL Removed (pounds)
<i>West Side LNAPL Recovery Wells</i>		
	2004	200,564
	2005	171,750
	2006	99,996
	2007	SVE System Did Not Operate
	2008	SVE System Did Not Operate
	2009	SVE System Did Not Operate
		300,560

Notes:

1. LNAPL - Light non-aqueous phase liquid.
2. LNAPL recovery data collected from historical project data.

TABLE XI
SUMMARY OF LNAPL RECOVERY - WEST SIDE - 2004-2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date	LNAPL Recovered (gallons)	Water Recovered (gallons)	Total Fluids Recovered (gallons)
<i>West Side LNAPL Recovery Wells</i>				
	2004	2,889	--	2,889
	2005	1,705	--	1,705
	2006	733	--	733
	2007	West Side Skimmer System Did Not Operate		
	2008	West Side Skimmer System Did Not Operate		
	2009	West Side Skimmer System Did Not Operate		
		5,327	--	5,327

Notes:

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

TABLE XII
SUMMARY OF LNAPL RECOVERY - EAST SIDE - 2003-2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date	LNAPL Recovered (gallons)	Water Recovered (gallons)	Total Fluids Recovered (gallons)
East Side LNAPL Recovery Wells				
MW-5	May 2003	Ferret Pump installed		
	2003	86	2,704	2,790
	2004	245	5,620	5,865
	2005	237	5,235	5,472
	2006	373	4,406	4,779
	2007	295	3,395	3,690
	2008	375	4,013	4,388
	January-February 2009	9	46	55
	March-December 2009	69	45	114
	2003-2009	1,689	25,464	27,153
MW-20	May 2003	Ferret Pump installed		
	2003	95	1,935	2,030
	2004	235	7,015	7,250
	2005	320	6,730	7,050
	2006	504	5,650	6,154
	2007	368	2,990	3,358
	2008	574	7,041	7,615
	January-February 2009	66	554	620
	March-December 2009	429	68	497
	2003-2009	2,591	31,983	34,574
		4,280	57,447	61,727

Notes:

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

TABLE XIII
HISTORICAL CHLORIDE RECOVERY 2004-2009
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
EUNICE SOUTH GAS PLANT
LEA COUNTY, NEW MEXICO

Year	MWD-3 (bbls)	MWD-9 (bbls)	RW-6 (bbls)	RW-7 (bbls)	RW-8 (bbls)	Year End Totals (bbls)
NMOSE Well Allocation (acre/feet)	32	32	48	48	48	208
2004	58,934.0	83,930.0	---	---	---	142,864
2005	46,991.0	69,596.0	---	---	---	116,587
2006	34,367.1	46,745.0	34,952.9	4,828.9	19,638.5	140,532
2007	37,105.4	31,891.9	20,652.0	31,658.0	31,400.0	152,707
2008	10,017.5	37,016.6	29,434.2	4,929.5	114,289.1	195,687
2009	20,789.7	31,995.1	26,583.4	33,797.9	32,247.2	145,413
Acre/feet equivalent for 2009	2.7	4.1	3.4	4.4	4.2	18.7
Total (bbls)	208,204.7	301,174.6	111,622.5	75,214.3	197,574.8	893,791

Notes:

1. New Mexico Office of the State Engineer (NMOSE) well permits were approved in February & March 2004.
Amount of water allocated per well is detailed in the well permit specific condition of approvals.
2. 1 acre/foot = 325,851 gallons (7,758 bbls)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-8	05/28/97	3330.59	49.20	49.20	3281.39	3281.39	0.00
	12/07/98	3330.59	49.70	49.70	3280.89	3280.89	0.00
	08/23/00	3330.59	48.99	48.99	3281.60	3281.60	0.00
	03/22/01	3330.59	49.35	49.35	3281.24	3281.24	0.00
	10/16/01	3330.59	48.31	48.31	3282.28	3282.28	0.00
	04/15/02	3330.59	49.72	49.72	3280.87	3280.87	0.00
	09/13/02	3330.59	49.57	49.57	3281.02	3281.02	0.00
	04/22/03	3330.59	49.54	49.54	3281.05	3281.05	0.00
	10/21/03	3330.59	49.81	49.81	3280.78	3280.78	0.00
	01/12/04	3330.59	49.80	49.80	3280.79	3280.79	0.00
	02/03/04	3330.59	49.85	49.85	3280.74	3280.74	0.00
	02/09/04	3330.59	49.86	49.86	3280.73	3280.73	0.00
	02/16/04	3330.59	49.87	49.87	3280.72	3280.72	0.00
	02/20/04	3330.59	49.89	49.89	3280.70	3280.70	0.00
	03/10/04	3330.59	49.87	49.87	3280.72	3280.72	0.00
	03/22/04	3330.59	49.87	49.87	3280.72	3280.72	0.00
	04/06/04	3330.59	49.89	49.89	3280.70	3280.70	0.00
	04/19/04	3330.59	49.72	49.72	3280.87	3280.87	0.00
	04/20/04	3330.59	49.72	49.72	3280.87	3280.87	0.00
	05/12/04	3330.59	49.71	49.71	3280.88	3280.88	0.00
	07/26/04	3330.59	49.90	49.90	3280.69	3280.69	0.00
	11/03/04	3330.59	48.91	48.91	3281.68	3281.68	0.00
	02/14/05	3330.59	48.76	48.76	3281.83	3281.83	0.00
	05/16/05	3330.59	49.00	49.00	3281.59	3281.59	0.00
	06/13/05	3330.59	49.00	49.00	3281.59	3281.59	0.00
	09/09/05	3330.59	48.77	48.77	3281.82	3281.82	0.00
	11/28/05	3330.59	48.61	48.61	3281.98	3281.98	0.00
	02/24/06	3330.59	48.86	48.86	3281.73	3281.73	0.00
	05/01/06	3330.59	49.03	49.03	3281.56	3281.56	0.00
	08/07/06	3330.59	49.26	49.26	3281.33	3281.33	0.00
	10/31/06	3330.59	49.24	49.24	3281.35	3281.35	0.00
	05/23/07	3330.59	NR	48.96	3281.63	3281.63	NR
	10/30/07	3330.59	NR	48.95	3281.64	3281.64	NR
	05/28/08	3330.59	NR	49.33	3281.26	3281.26	NR
	10/21/08	3330.59	NR	49.39	3281.20	3281.20	NR

Table 9
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

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

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

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

Table 11
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 19
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

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

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

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

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

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

Table 1
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
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Well ID	Date Measured	TOC Elevation (feet AMSL)	Depth to PSH (feet)	Depth to Water (feet)	Water Elevation (feet AMSL)	Corrected Water Elevation (feet AMSL)	PSH Thickness
MW-22	08/23/00	3334.87	52.66	52.66	3282.21	3282.21	0.00
	03/22/01	3334.87	52.97	52.97	3281.90	3281.90	0.00
	10/16/01	3334.87	52.38	52.38	3282.49	3282.49	0.00
	04/15/02	3334.87	53.60	53.60	3281.27	3281.27	0.00
	09/13/02	3334.87	53.27	53.27	3281.60	3281.60	0.00
	04/28/03	3334.87	53.16	53.16	3281.71	3281.71	0.00
	10/24/03	3334.87	53.47	53.47	3281.40	3281.40	0.00
	01/12/04	3334.87	53.55	53.55	3281.32	3281.32	0.00
	02/03/04	3334.87	54.56	54.56	3280.31	3280.31	0.00
	02/09/04	3334.87	54.61	54.61	3280.26	3280.26	0.00
	02/16/04	3334.87	54.72	54.72	3280.15	3280.15	0.00
	02/20/04	3334.87	54.01	54.01	3280.86	3280.86	0.00
	03/10/04	3334.87	54.70	54.70	3280.17	3280.17	0.00
	03/22/04	3334.87	54.88	54.88	3279.99	3279.99	0.00
	04/06/04	3334.87	55.02	55.02	3279.85	3279.85	0.00
	04/19/04	3334.87	55.03	55.03	3279.84	3279.84	0.00
	04/22/04	3334.87	55.03	55.03	3279.84	3279.84	0.00
	05/12/04	3334.87	55.02	55.02	3279.85	3279.85	0.00
	07/26/04	3334.87	55.22	55.22	3279.65	3279.65	0.00
	11/09/04	3334.87	53.96	53.96	3280.91	3280.91	0.00
	02/14/05	3334.87	54.12	54.12	3280.75	3280.75	0.00
	05/16/05	3334.87	54.43	54.43	3280.44	3280.44	0.00
	09/09/05	3334.87	54.31	54.31	3280.56	3280.56	0.00
	11/28/05	3334.87	53.86	53.86	3281.01	3281.01	0.00
	02/24/06	3334.87	54.20	54.20	3280.67	3280.67	0.00
	05/01/06	3334.87	54.48	54.48	3280.39	3280.39	0.00
	08/08/06	3334.87	53.84	53.84	3281.03	3281.03	0.00
	10/31/06	3334.87	53.93	53.93	3280.94	3280.94	0.00
	05/30/07	3334.87	NR	54.07	3280.80	3280.80	NR
	11/01/07	3334.87	NR	54.18	3280.69	3280.69	NR
	06/03/08	3334.87	NR	54.12	3280.75	3280.75	NR
	10/21/08	3334.87	NR	54.20	3280.67	3280.67	NR

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

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

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

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

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

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

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

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

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

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

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

Table 4
Cumulative Groundwater Measurement Data
Eunice South Gas Plant
Eunice, New Mexico

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

NOTES:

TOC = Top of casing

feet AMSL = feet above mean sea level

PSH = Phase Separated Hydrocarbons

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

NR= Not recorded

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

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

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

Wells with treatment equipment present were not gauged.

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-1	09/10/96	7.37	--	--	--	--	--
	11/10/06	69	19	3	5.7	301	1650
	06/02/08	No access due to plant demo work					
	10/28/08	PSH	PSH	PSH	PSH	PSH	PSH
MW-2	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
	05/28/97	0.029	--	--	--	430	--
MW-3	08/23/00	ND	--	--	--	530	--
	03/22/01	ND	--	--	--	480	--
	10/16/01	0.0065	--	--	--	475	--
	04/15/02	0.0135	--	--	--	448	--
	09/13/02	ND	--	--	--	410	--
	04/22/03	ND	--	--	--	379	--
	10/21/03	ND	--	--	--	378	--
	04/20/04	<0.001	--	--	--	296	--
	11/03/05	<0.001	--	--	--	227	--
	05/16/05	<0.001	--	--	--	200	--
	12/01/05	0.0033	<0.001	<0.001	<0.003	207	791
	05/17/06	0.079	0.0032	0.019	0.016	186	807
	11/06/06	0.02	<0.001	0.011	<0.003	169	784
	05/29/07	<0.001	<0.001	<0.001	<0.003	153	736
	10/31/07	0.062	<0.001	0.015	<0.003	142	721
	06/02/08	0.038	<0.001	0.0087	<0.003	129	739
	10/28/08	0.16	<0.001	0.031	0.0034	109	718
MW-4	05/28/97	0.047	--	--	--	5500	--
	08/23/00	0.052	--	--	--	7100	--
	03/22/01	ND	--	--	--	8200	--
	10/16/01	0.0304	--	--	--	6210	--
	04/15/02	0.0344	--	--	--	8830	--
	09/13/02	0.0213	--	--	--	17300	--
	04/24/03	0.0090	--	--	--	10300	--
	10/23/03	0.0063	--	--	--	4720	--
	02/20/04	0.2300	--	--	--	9490	--
	04/21/04	0.0264	--	--	--	13800	--
	07/26/04	0.0625	--	--	--	8640	--
	11/05/04	0.153	--	--	--	8290	--
	02/14/05	0.0164	--	--	--	9510	--
	05/16/05	<0.001	--	--	--	34700	--
	09/11/05	0.028	<0.001	<0.001	<0.003	7040	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	2160	5170
	02/28/06	0.024	<0.001	<0.001	<0.003	9450	NS
	05/17/06	0.35	0.0085	0.044	0.038	6640	12800
	08/10/06	0.053	<0.001	0.0074	0.0049	7350	--
	11/06/06	0.017	<0.001	0.005	<0.003	5130	10500
	05/29/07	<0.001	<0.001	<0.001	<0.003	5440	8760
	11/01/07	<0.001	<0.001	<0.001	<0.003	4650	9780
	06/03/08	0.0053	<0.001	0.002	<0.003	5310	10200
	10/28/08	0.022	0.0011	0.0095	<0.003	4500	9080
MW-5	05/28/97	--	--	--	--	1500	--
	05/01/07	1.7	--	--	--	NS	--
	11/01/07	--	--	--	--	NS	--
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping

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

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

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-9	05/28/97	7.9	--	--	--	340	--
	08/23/00	5.28	--	--	--	460	--
	03/22/01	9	--	--	--	420	--
	10/16/01	6.03	--	--	--	408	--
	04/15/02	7.59	--	--	--	384	--
	09/13/02	6.72	--	--	--	443	--
	04/30/03	6.41	--	--	--	415	--
	10/28/03	8.51	--	--	--	357	--
	04/26/04	6.00	--	--	--	447	--
	11/09/04	8.79	--	--	--	466	--
	05/16/05	6.96	--	--	--	475	--
	12/13/05	4.80	<0.05	0.45	<0.015	460	1480
	05/12/06	7.6	0.12	0.7	0.19	479	1500
	11/01/06	8.7	0.014	0.51	0.083	480	1630
	05/31/07	6.4	0.007	0.44	0.072	497	1470
	11/05/07	6	<0.005	0.39	0.069	520	1370
MW-10	06/04/08	2.1	0.0059	0.27	0.074	621	1780
	10/30/08	3.2	0.039	0.38	0.15	549	1760
	05/28/97	4.1	--	--	--	530	--
	08/23/00	10.7	--	--	--	360	--
	03/22/01	9.22	--	--	--	360	--
	10/16/01	11	--	--	--	339	--
	04/15/02	15.8	--	--	--	357	--
	09/13/02	52.4	--	--	--	382	--
	04/28/03	32.7	--	--	--	451	--
	10/27/03	41.6	--	--	--	469	--
	04/26/04	33.8	--	--	--	586	--
	11/11/04	37.6	--	--	--	653	--
	11/10/06	21	0.19	0.68	0.21	596	1830
	05/31/07	34	0.038	0.44	0.063	897	1620
	11/06/07	30	0.024	0.44	0.062	423	1820
	06/05/08	No access due to plant demo work					
MW-11	10/30/08	No access due to plant demo work					
	05/28/97	30.0	--	--	--	750	--
	08/23/00	35.6	--	--	--	1100	--
	03/22/01	46.6	--	--	--	939	--
	10/16/01	44.0	--	--	--	339	--
	04/15/02	39.6	--	--	--	848	--
	09/13/02	41.9	--	--	--	812	--
	04/28/03	25.9	--	--	--	710	--
	10/27/03	43.1	--	--	--	532	--
	04/26/04	58.1	--	--	--	546	--
	11/11/04	26.9	--	--	--	605	--
	05/16/05	36.1	--	--	--	727	--
	12/19/05	16	0.12	0.52	0.28	431	1660
	05/17/06	15	0.04	0.44	0.15	341	1580
	11/10/06	39	0.45	0.7	0.46	393	1560
	05/31/07	21	0.09	0.59	0.23	345	1350
MW-12	06/05/08	No access due to plant demo work					
	10/30/08	No access due to plant demo work					
	05/28/97	13.3	--	--	--	1300	--
	08/23/00	91.5	--	--	--	1500	--
	03/22/01	95.7	--	--	--	1900	--
	10/16/01	6.71	--	--	--	1690	--
	04/15/02	71.7	--	--	--	1350	--
	09/13/02	70.2	--	--	--	1510	--
	04/30/03	62.4	--	--	--	2070	--
	10/28/03	50.2	--	--	--	2260	--
	04/26/04	36.0	--	--	--	2290	--
	11/10/06	44	5.6	2.7	3.4	1990	5500
	05/01/07	--	--	--	--	--	--
	06/05/08	No access due to plant demo work					
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-13	12/07/98	ND	--	--	--	430	--
	08/23/00	0.085	--	--	--	390	--
	03/22/01	ND	--	--	--	390	--
	10/16/01	0.69	--	--	--	355	--
	04/15/02	0.0151	--	--	--	375	--
	09/13/02	0.0254	--	--	--	328	--
	04/21/03	ND	--	--	--	382	--
	10/21/03	0.0108	--	--	--	395	--
	04/20/04	<0.001	--	--	--	356	--
	11/03/04	<0.005	--	--	--	406	--
	05/16/05	<0.001	--	--	--	434	--
	11/30/05	0.0014	<0.001	<0.001	<0.003	293	966
	05/04/06	0.11	<0.001	<0.001	<0.003	393	1120
	11/06/06	0.13	<0.001	0.021	0.0036	385	1150
	05/24/07	<0.001	<0.001	0.0035	0.0038	390	1180
	10/30/07	0.06	<0.001	0.0021	<0.003	383	1110
	06/02/08	0.044	<0.001	<0.001	<0.003	389	1150
	10/27/08	0.032	<0.001	0.0057	0.0068	370	1180
MW-14	12/07/98	ND	--	--	--	420	--
	08/23/00	ND	--	--	--	300	--
	03/22/01	ND	--	--	--	310	--
	10/16/01	ND	--	--	--	303	--
	04/15/02	0.011	--	--	--	318	--
	09/13/02	ND	--	--	--	319	--
	04/21/03	ND	--	--	--	379	--
	10/21/03	ND	--	--	--	348	--
	04/20/04	<0.001	--	--	--	390	--
	11/02/04	<0.001	--	--	--	476	--
	05/16/05	<0.001	--	--	--	437	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	396	1420
	05/04/06	<0.001	<0.001	<0.001	<0.003	419	1450
	11/06/06	0.0045	<0.001	0.0025	<0.003	405	1420
	05/24/07	<0.005	<0.001	0.0021	0.0031	408	1430
	10/31/07	0.0011	<0.001	0.0013	<0.003	395	1360
	06/02/08	<0.002	<0.001	<0.001	<0.003	431	1470
	10/28/08	<0.005	0.0016	0.0034	0.0034	418	1470
MW-15	12/07/98	0.008	--	--	--	2300	--
	08/23/00	0.004	--	--	--	2600	--
	03/22/01	0.002	--	--	--	2700	--
	10/16/01	0.03	--	--	--	2590	--
	04/15/02	0.0052	--	--	--	2500	--
	09/13/02	0.0054	--	--	--	2310	--
	04/21/03	0.0013	--	--	--	2260	--
	10/21/03	ND	--	--	--	2990	--
	04/20/04	<0.005	--	--	--	2280	--
	11/11/04	<0.005	--	--	--	2500	--
	05/16/05	<0.001	--	--	--	2670	5780
	11/30/05	0.0024	<0.001	<0.001	<0.003	2700	--
	11/01/06	0.0054	<0.001	<0.001	<0.003	2480	5330
	05/24/07	0.0056	<0.001	0.0027	0.004	2570	5360
	10/30/07	0.0076	<0.001	0.0018	<0.003	2610	3700
	05/29/08	0.004	<0.001	<0.001	<0.003	2460	5270
	10/22/08	0.0061	0.0036	<0.001	<0.003	2480	5210

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

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

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-19	08/23/00	0.94	--	--	--	3000	--
	03/22/01	0.973	--	--	--	3100	--
	10/16/01	0.85	--	--	--	2790	--
	04/15/02	0.71	--	--	--	2690	--
	09/13/02	0.437	--	--	--	3010	--
	04/22/03	0.467	--	--	--	2310	--
	10/22/03	0.552	--	--	--	1870	--
	02/20/04	0.753	--	--	--	2840	--
	04/22/04	0.558	--	--	--	2690	--
	07/26/04	0.691	--	--	--	3000	--
	11/09/04	0.758	--	--	--	3510	--
	11/09/06	0.77	0.0017	0.062	0.051	3350	7250
MW-21	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
	04/26/04	0.613	--	--	--	2400	--
	12/19/05	0.83	0.038	0.10	0.15	2470	5070
	11/08/06	1.5	0.035	0.12	0.15	1720	3980
	05/01/07	--	--	--	--	--	--
MW-22	11/06/07	2.4	0.029	0.18	0.19	--	--
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
	08/23/00	0.403	--	--	--	--	--
	03/22/01	0.793	--	--	--	24000	--
	10/16/01	1.110	--	--	--	17000	--
	04/15/02	0.971	--	--	--	48800	--
	09/13/02	0.730	--	--	--	44200	--
	04/28/03	1.100	--	--	--	16200	--
	10/24/03	0.986	--	--	--	38800	--
	04/22/04	1.25	--	--	--	37900	--
	11/09/04	0.340	--	--	--	16900	--
	05/16/05	0.283	--	--	--	7740	--
	12/02/05	0.280	<0.001	0.0026	<0.003	1870	3970
	05/11/06	0.65	<0.001	0.009	0.0046	2590	5420
	11/06/06	1	<0.005	0.025	0.016	7330	11900
MW-23	05/30/07	0.029	<0.001	<0.001	<0.01	5390	10700
	11/01/07	0.4	0.001	0.043	0.039	2020	4280
	08/03/08	0.770	0.0017	0.030	0.021	5370	9720
	10/29/08	1.2	<0.005	0.032	0.019	6,500	10,800
	08/23/00	0.006	--	--	--	--	--
	03/22/01	0.029	--	--	--	15000	--
	10/16/01	0.012	--	--	--	16100	--
	04/15/02	0.0098	--	--	--	20300	--
	09/13/02	ND	--	--	--	17400	--
	04/23/03	ND	--	--	--	13100	--
	10/24/03	0.0173	--	--	--	17200	--
	04/22/04	0.005	--	--	--	13500	--
	11/09/04	<0.005	--	--	--	8500	--
	05/16/05	<0.005	--	--	--	9070	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	6800	10600
	05/11/06	<0.001	<0.001	<0.001	<0.003	8540	11700
	11/06/06	0.0079	0.0019	0.04	0.04	6560	12600
	05/30/07	<0.001	<0.001	<0.001	<0.003	9010	11600
	11/01/07	0.0013	<0.001	<0.001	<0.003	7640	13200
	06/03/08	0.0072	<0.001	0.0018	<0.003	8340	15700
	10/28/08	0.0012	<0.001	<0.001	<0.003	11,400	18,000

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-24	10/16/01	32.9	--	--	--	102	--
	04/15/02	32.4	--	--	--	92.7	--
	09/13/02	39.7	--	--	--	99.4	--
	04/28/03	37.7	--	--	--	101	--
	10/27/03	26.6	--	--	--	133	--
	04/23/04	23.4	--	--	--	266	--
	11/09/04	18.5	--	--	--	269	--
	05/16/05	12.6	--	--	--	274	--
	12/19/05	15	0.33	0.49	0.66	260	1240
	05/17/06	16	0.11	0.65	0.79	342	1270
	11/09/06	14	0.12	0.66	0.64	355	1280
	05/31/07	17	0.55	0.92	0.87	395	1260
	11/08/07	17	0.22	0.68	0.63	389	1420
	06/05/08	No access due to plant demo work					
MW-25	10/30/08	15	0.075	0.52	0.48	461	1,590
	10/16/01	2.87	--	--	--	1510	--
	04/15/02	2.43	--	--	--	2340	--
	09/13/02	2.61	--	--	--	2040	--
	04/28/03	4.49	--	--	--	2350	--
	10/27/03	2.72	--	--	--	1540	--
	04/23/04	2.76	--	--	--	2000	--
	11/09/04	2.12	--	--	--	3900	--
	05/16/05	3.03	--	--	--	4276	--
	12/14/05	3.4	<0.01	0.28	<0.03	2470	8040
	05/12/06	3.7	<0.005	0.36	0.024	2180	8010
	11/10/06	4.2	0.0068	0.32	0.038	2680	8940
	06/05/08	7.5	0.23	0.52	0.11	2560	6550
	10/30/08	7.3	0.026	0.5	0.13	2,960	6,650
MW-26	10/16/01	7.69	--	--	--	661	--
	04/15/02	6.76	--	--	--	751	--
	09/13/02	7.72	--	--	--	667	--
	04/30/03	7.99	--	--	--	688	--
	10/27/03	6.78	--	--	--	801	--
	04/23/04	6.78	--	--	--	682	--
	11/11/04	8.02	--	--	--	690	--
	05/16/05	3.81	--	--	--	1240	--
	12/14/05	5.4	<0.01	0.17	0.031	732	1730
	05/12/06	3.4	0.061	0.25	0.064	574	1610
	05/01/07	--	--	--	--	--	--
	11/05/07	3.3	0.019	0.35	0.051	644	1680
	06/05/08	No access due to plant demo work					
	10/30/08	6.3	<0.020	0.27	0.1	213	1270
MW-27	10/16/01	7.59	--	--	--	1250	--
	04/15/02	12.8	--	--	--	1050	--
	09/13/02	13.0	--	--	--	818	--
	04/30/03	21.2	--	--	--	815	--
	10/27/03	11.2	--	--	--	1270	--
	04/23/04	14.4	--	--	--	1120	--
	11/11/04	14.1	--	--	--	1070	--
	05/16/05	12.1	--	--	--	1290	--
	12/14/05	7.4	0.25	0.28	<0.3	558	2840
	05/12/06	12	0.17	0.48	<0.3	499	2870
	05/01/07	--	--	--	--	--	--
	11/05/07	13	0.29	0.63	0.37	933	2430
	06/05/08	No access due to plant demo work					
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MW-28	10/16/01	15.5	--	--	--	1130	--
	04/15/02	24.8	--	--	--	1340	--
	09/13/02	37.0	--	--	--	1420	--
	05/01/07	--	--	--	--	--	--
	10/29/07	--	--	--	--	--	--
	06/05/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
	10/21/08	Pumping	Pumping	Pumping	Pumping	Pumping	Pumping
MW-29	11/08/04	<0.001	--	--	--	369	--
	05/16/05	<0.001	--	--	--	478	--
	11/29/05	0.021	0.0016	0.01	0.0086	393	1220
	05/02/06	0.092	0.0054	0.13	0.099	451	1580
	11/02/06	0.12	0.0053	0.18	0.17	502	1700
	05/23/07	0.43	0.012	0.28	0.36	537	1690
	10/29/07	0.25	0.0047	0.18	0.2	619	2000
	05/28/08	0.18	0.0028	0.085	0.055	639	1910
	10/22/08	0.34	0.0034	0.13	0.078	675	1820
MW-30	11/05/04	<0.001	--	--	--	331	--
	05/16/05	<0.001	--	--	--	443	--
	11/29/05	0.023	<0.001	<0.001	<0.003	383	1220
	05/02/06	0.13	<0.001	0.0056	0.0045	352	1260
	11/01/06	0.2	<0.005	<0.005	<0.015	358	1260
	05/23/07	0.27	<0.001	0.0055	0.012	345	1240
	10/29/07	0.28	<0.001	0.0078	0.0033	366	1260
	05/28/08	0.20	0.0018	0.0022	0.0032	367	1370
	10/22/08	0.23	0.0018	0.0044	<0.003	405	1300
MW-31	11/08/04	0.367	--	--	--	382	--
	05/16/05	1.16	--	--	--	436	--
	11/30/05	1.4	<0.001	0.14	0.006	354	1110
	05/04/06	2.7	<0.001	0.33	0.016	394	1160
	11/06/06	2.5	<0.01	0.35	0.035	425	1250
	05/31/07	1.9	0.0017	0.21	0.0096	463	1280
	10/31/07	3.6	<0.005	0.4	<0.015	421	874
	06/02/08	4.1	0.0035	0.28	0.01	433	1380
	10/28/08	3.7	<0.005	0.33	<0.015	444	1370
MW-32	02/28/06	0.094	<0.001	0.01	0.008	1340	--
	05/03/06	0.013	<0.001	0.0086	0.011	1400	4210
	11/01/06	0.06	<0.005	0.018	0.019	1340	3910
	05/23/07	0.024	0.0012	0.015	0.023	1200	3780
	10/29/08	0.028	<0.001	0.016	0.012	1210	3740
	05/28/08	0.033	0.0018	0.013	0.011	1240	3790
	10/27/08	0.034	<0.001	0.0084	0.0053	1280	3770
MW-34	02/28/06	3.6	<0.005	0.31	0.410	575	--
	05/03/06	2.6	<0.01	0.29	0.44	612	1780
	11/01/06	2.6	<0.005	0.2	0.25	618	1930
	05/23/07	0.089	0.0022	0.25	0.45	76.7	570
	10/30/07	0.082	0.056	0.21	0.39	81	550
	05/28/08	0.05	0.019	0.11	0.12	68.9	562
	10/27/08	0.056	0.033	0.21	0.24	72.5	578
MWD-1	10/16/01	0.006	--	--	--	5790	--
	04/15/02	0.0025	--	--	--	16100	--
	09/13/02	ND	--	--	--	17800	--
	04/23/03	0.0011	--	--	--	17300	--
	10/23/03	ND	--	--	--	14700	--
	04/21/04	<0.001	--	--	--	12800	--
	11/03/04	<0.001	--	--	--	15100	--
	05/16/05	<0.005	--	--	--	13600	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	15100	20300
	05/10/06	0.0022	<0.001	<0.001	<0.003	13100	24900
	11/06/06	0.0051	<0.001	0.0031	<0.003	14000	23700
	05/29/07	<0.001	<0.001	<0.001	<0.003	9110	16200
	11/01/07	<0.001	<0.001	<0.001	<0.003	13300	21800
	06/03/08	0.0031	<0.001	0.0014	<0.003	12100	20900
	10/29/08	0.018	<0.001	0.0065	<0.003	11400	21700

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-2	10/16/01	0.0676	--	--	--	3290	--
	04/15/02	0.0012	--	--	--	22300	--
	09/13/02	ND	--	--	--	22800	--
	04/24/03	0.0045	--	--	--	22100	--
	10/23/03	ND	--	--	--	19800	--
	04/21/04	0.001	--	--	--	22300	--
	11/03/04	<0.005	--	--	--	26400	--
	05/16/05	<0.001	--	--	--	27800	--
	12/01/05	<0.001	<0.001	<0.001	0.0044	25600	37100
	05/17/06	0.054	0.0027	0.012	0.01	--	--
	11/06/06	0.0081	<0.001	0.0038	<0.003	24400	32700
	05/29/07	0.0036	<0.001	<0.001	<0.003	11200	19100
	11/01/07	0.0034	<0.001	<0.001	<0.003	19400	34000
	06/03/08	0.0093	<0.001	0.0019	<0.003	23400	40100
MWD-3	10/28/08	0.028	0.0018	0.0089	<0.003	19900	32700
	10/16/01	0.329	--	--	--	12200	--
	04/15/02	0.785	--	--	--	47600	--
	09/13/02	0.656	--	--	--	46600	--
	04/28/03	0.928	--	--	--	47600	--
	10/28/03	0.78	--	--	--	58300	--
	02/20/04	0.43	--	--	--	65100	--
	04/22/04	1.11	--	--	--	39500	--
	07/26/04	0.644	--	--	--	77600	--
	11/09/04	0.576	--	--	--	81400	--
	02/14/05	0.631	--	--	--	90700	--
	05/16/05	0.45	--	--	--	66900	--
	09/12/05	0.8	0.011	0.11	<0.015	--	--
	02/28/06	1	0.012	0.13	0.04	75500	--
	05/11/06	0.63	0.0097	0.21	0.072	63600	105000
	11/09/06	1.3	0.0079	0.14	0.039	55300	89000
	05/30/07	1.9	0.01	0.12	0.05	47700	75200
	10/29/07	1.7	0.01	0.14	0.045	55100	127000
	06/05/08	2.6	0.012	0.12	0.056	46300	84800
MWD-4	10/29/08	4.6	<0.020	0.16	0.074	43,500	69,200
	10/16/01	ND	--	--	--	333	--
	04/15/02	ND	--	--	--	688	--
	09/13/02	0.0048	--	--	--	516	--
	04/24/03	ND	--	--	--	621	--
	10/24/03	ND	--	--	--	640	--
	04/22/04	<0.001	--	--	--	397	--
	11/05/04	<0.005	--	--	--	344	--
	05/16/05	<0.001	--	--	--	370	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	237	1100
	05/03/06	0.013	<0.001	0.0059	0.008	247	1170
	11/02/06	0.015	<0.001	0.018	0.015	228	1200
	06/23/07	0.0038	<0.001	0.0069	0.011	118	940
	10/30/07	0.0034	0.0015	0.0073	0.012	191	1040
	05/28/08	0.014	0.0022	0.014	0.013	365	1430
	10/27/08	<0.01	0.0027	0.023	0.025	218	1190

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-5	10/16/01	6.85	--	--	--	515	--
	04/15/02	8.83	--	--	--	1140	--
	04/30/03	9.58	--	--	--	1290	--
	10/28/03	8.01	--	--	--	1120	--
	04/26/04	5.82	--	--	--	1200	--
	11/09/04	7.35	--	--	--	1350	--
	05/16/05	9.57	--	--	--	1260	--
	12/13/05	4	0.33	0.38	<0.3	1100	3420
	05/12/06	2.3	0.06	0.33	0.11	1160	3050
	11/01/06	1.3	<0.05	<0.5	<0.015	1260	3860
	05/31/07	3.7	0.13	0.38	0.12	1170	2420
	11/05/07	3.7	0.092	0.31	0.15	1460	2970
MWD-6	08/04/08	3.3	<0.05	0.27	<0.15	1650	4200
	10/30/08	2.8	0.024	0.29	0.11	1770	4150
	10/16/01	0.761	--	--	--	403	--
	04/15/02	0.143	--	--	--	758	--
	09/13/02	0.120	--	--	--	798	--
	04/23/03	0.181	--	--	--	895	--
	10/23/03	0.139	--	--	--	879	--
	04/21/04	0.288	--	--	--	739	--
	11/05/04	0.121	--	--	--	824	--
	05/16/05	0.0165	--	--	--	790	--
	12/13/05	0.019	<0.001	0.0096	0.0034	781	2550
	05/12/06	0.013	<0.001	0.0088	<0.003	943	2670
MWD-7	11/01/06	0.14	<0.001	0.033	0.0049	805	2680
	05/31/07	0.088	<0.001	0.063	0.0046	740	2030
	11/05/07	0.059	<0.001	0.0073	0.0039	907	2430
	08/04/08	0.06	<0.001	0.018	0.006	816	2600
	10/30/08	0.049	<0.001	0.013	0.0035	941	2490
	04/15/02	ND	--	--	--	936	--
	09/13/02	ND	--	--	--	7620	--
	04/22/03	ND	--	--	--	9840	--
	10/22/03	ND	--	--	--	7400	--
	04/21/04	<0.001	--	--	--	8060	--
	11/03/04	<0.001	--	--	--	9610	--
	05/16/05	<0.001	--	--	--	9250	--
MWD-8	12/01/05	<0.001	<0.001	<0.001	<0.003	8720	15000
	05/10/06	<0.001	<0.001	<0.001	<0.003	6870	13800
	11/03/06	0.0059	<0.001	0.004	<0.003	7990	17000
	05/29/07	<0.001	<0.001	<0.001	<0.003	8130	16300
	11/01/07	<0.001	<0.001	<0.001	<0.003	8720	15000
	06/03/08	0.0028	<0.001	0.0012	<0.003	7880	15200
	10/29/08	0.009	<0.001	0.0051	<0.003	8360	15100
	04/15/02	ND	--	--	--	12800	--
	09/13/02	ND	--	--	--	12600	--
	04/23/03	0.0017	--	--	--	14300	--
	10/23/03	ND	--	--	--	11800	--
	04/21/04	<0.001	--	--	--	11400	--
	11/03/04	<0.001	--	--	--	11900	--
	05/16/05	<0.001	--	--	--	27900	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	18000	27900
	05/17/06	0.035	0.002	0.011	0.0096	--	20500
	11/03/06	0.008	<0.001	0.0043	<0.003	12400	20300
	05/29/07	<0.001	<0.001	<0.001	<0.003	4430	8120
	11/01/07	0.0012	<0.001	<0.001	<0.003	15400	23400
	06/02/08	0.0077	<0.001	0.0029	<0.003	11700	22300
	10/28/08	0.029	0.0021	0.010	<0.003	11500	19800

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-9	04/15/02	0.0131	--	--	--	23400	--
	09/13/02	ND	--	--	--	22800	--
	04/25/03	0.0577	--	--	--	23500	--
	10/28/03	ND	--	--	--	29200	--
	02/20/04	<0.001	--	--	--	55300	--
	04/22/04	0.0034	--	--	--	48000	--
	07/26/04	0.0074	--	--	--	45000	--
	11/09/04	0.0334	--	--	--	46400	--
	02/14/05	0.0097	--	--	--	43700	--
	05/16/05	0.0099	--	--	--	81200	--
	09/12/05	0.013	<0.005	<0.005	<0.015	41600	--
	02/28/06	0.0097	<0.001	0.0028	0.0038	34700	--
	05/11/06	0.0064	<0.001	0.002	<0.003	32900	56400
	08/10/06	0.011	<0.001	0.0022	<0.003	28500	--
	05/30/07	0.0075	<0.001	0.0015	<0.003	24200	39800
MWD-10	10/29/07	0.0055	0.0073	0.001	<0.003	21200	24900
	06/05/08	<0.001	<0.001	<0.001	<0.003	22600	40900
	10/28/08	0.011	0.0015	0.0015	<0.003	20,700	33,200
	04/15/02	0.369	--	--	--	7210	--
	09/13/02	0.441	--	--	--	7800	--
	04/23/03	0.637	--	--	--	8250	--
	10/24/03	0.667	--	--	--	9170	--
	02/20/04	0.683	--	--	--	8450	--
	04/23/04	0.686	--	--	--	8530	--
	07/26/04	0.786	--	--	--	9060	--
	11/09/04	0.875	--	--	--	7580	--
	02/14/05	1.16	--	--	--	8610	--
	05/16/05	1.66	--	--	--	9360	--
	09/12/05	1.5	<0.005	0.36	0.027	9390	--
	12/02/05	0.89	<0.01	0.69	0.38	8710	13400
MWD-11	03/02/06	0.57	<0.001	0.22	0.056	7980	--
	05/11/06	0.3	<0.001	0.11	0.015	7710	14800
	08/10/06	0.47	<0.005	0.15	<0.015	8730	--
	11/09/06	0.6	0.0016	0.15	0.054	7760	13400
	05/30/07	0.290	<0.001	0.024	0.0097	7710	12400
	11/05/07	0.840	<0.001	0.039	<0.015	7240	11900
	06/04/08	1.1	0.0013	0.120	0.019	6510	12300
	10/29/08	0.82	<0.005	0.042	<0.015	7,010	12,100
	04/15/02	ND	--	--	--	2580	--
	09/13/02	ND	--	--	--	2700	--
	04/22/03	ND	--	--	--	2750	--
	10/21/03	ND	--	--	--	2050	--
	04/20/04	<0.001	--	--	--	2460	--
	11/03/04	<0.005	--	--	--	3230	--
	05/16/05	<0.001	--	--	--	3200	--
	12/01/05	<0.001	<0.001	<0.001	<0.003	2810	4840
	05/17/06	0.028	0.0014	0.01	0.0067	2650	5040
	11/06/06	0.013	<0.001	0.0073	<0.003	2640	5110
	05/29/07	<0.001	<0.001	<0.001	<0.003	1030	1950
	10/31/07	0.013	0.0016	0.0054	<0.003	2170	4210
	06/02/08	0.015	0.0022	0.0052	<0.003	2480	4780
	10/28/08	0.052	0.0035	0.017	0.0037	2580	5050

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

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

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
MWD-15	01/11/05	0.314	--	--	--	40900	--
	02/14/05	0.527	--	--	--	34200	--
	05/16/05	0.334	--	--	--	38900	--
	09/12/05	0.38	0.018	0.98	0.47	26100	--
	12/02/05	0.48	<0.01	1.7	0.31	31700	52000
	03/02/06	0.38	0.0054	0.7	0.099	23200	--
	05/11/06	0.53	0.014	0.42	0.18	26500	41600
	08/10/06	0.57	0.018	0.42	0.25	22100	--
	11/08/06	0.4	0.021	0.49	0.33	10100	16500
	05/30/07	0.61	0.001	0.092	0.0091	15000	22200
	11/05/07	0.4	<0.001	0.093	<0.015	22000	35500
MWD-16	06/03/08	0.35	0.0017	0.100	0.051	21400	37800
	10/28/08	0.46	<0.005	0.079	0.025	22,400	39,800
	11/08/04	0.491	--	--	--	15300	--
	02/14/05	1.21	--	--	--	13400	--
	05/16/05	1.08	--	--	--	13300	--
	09/12/05	1.1	<0.005	0.33	0.15	11900	--
	12/02/05	0.76	<0.01	0.24	0.11	11000	16000
	03/02/06	1	<0.01	0.21	0.093	9450	--
	05/11/06	0.8	<0.005	0.25	0.11	8140	14300
	08/09/06	0.88	<0.005	0.54	0.28	10100	--
	11/08/06	0.94	<0.005	0.48	0.28	5010	9220
MWD-17	05/30/07	0.84	<0.005	0.37	0.2	4910	9100
	11/05/07	0.78	<0.005	0.33	0.16	8130	12700
	06/04/08	0.55	<0.005	0.25	0.13	8220	15900
	10/28/08	0.73	<0.005	0.28	0.15	9,920	17,000
	11/08/04	3.11	--	--	--	69300	--
	05/16/05	4.16	--	--	--	53500	--
	09/12/05	3.7	<0.02	0.025	<0.06	49500	--
	12/02/05	2.3	<0.005	0.033	<0.015	30900	50400
	02/28/06	0.8	0.016	0.068	0.049	37600	--
	05/11/06	1.4	<0.005	0.019	<0.015	29400	50900
	08/09/06	0.84	<0.005	0.04	0.018	50200	--
RW-6	11/06/06	1.4	<0.005	0.058	0.028	41600	71700
	05/30/07	2.3	<0.005	0.07	<0.015	24200	36400
	11/01/07	2.6	<0.005	0.084	0.025	8230	28500
	06/03/08	1.8	0.0042	0.015	0.016	49300	80,000
	10/28/08	2.3	<0.01	0.019	<0.03	35,500	65,200
	05/11/06	0.0031	0.0032	0.0018	<0.003	32600	58200
	11/08/06	0.0053	0.0041	0.003	0.0046	31800	56200
RW-6	05/30/07	0.011	0.0055	0.0052	0.0072	28100	46200
	10/29/07	0.0052	0.0034	0.0027	0.0038	26700	34700
	06/05/08	0.0068	0.0056	0.0041	0.0052	21300	52300
	10/30/08	0.014	0.0047	0.0048	0.0068	23900	44100

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
RW-7	05/11/06	<0.001	<0.001	<0.001	<0.003	12600	24000
	11/08/06	0.0095	<0.001	0.0016	<0.003	50600	87600
	05/30/07	0.0098	1.1	0.0021	0.0035	33700	69300
	10/29/07	0.012	<0.001	0.0019	<0.003	52900	97200
	06/05/08	--	--	--	--	--	--
	10/30/08	0.015	0.0013	0.0039	0.0037	58900	111000
RW-8	05/11/06	0.25	<0.001	<0.001	<0.003	12600	37800
	11/08/06	0.22	<0.001	0.0089	0.02	50600	29200
	05/29/07	0.18	0.16	0.0092	0.009	87100	14200
	11/29/07	0.099	0.0014	0.025	0.15	13000	15600
	06/05/08	0.096	0.0043	0.018	0.170	16200	25800
	10/30/08	0.09	0.0038	0.020	0.200	13000	21300
TMW-1	12/07/95	ND	--	--	--	650	--
	06/06/96	0.0038	--	--	--	649	--
	06/02/97	0.009	--	--	--	460	--
	08/23/00	ND	--	--	--	430	--
	03/22/01	0.012	--	--	--	380	--
	10/16/01	0.0204	--	--	--	324	--
	04/15/02	0.0177	--	--	--	411	--
	09/13/02	0.0367	--	--	--	916	--
	04/22/03	0.0132	--	--	--	378	--
	10/22/03	ND	--	--	--	397	--
	04/20/04	0.0202	--	--	--	1760	--
	11/09/04	0.0102	--	--	--	1010	--
	05/16/05	0.0371	--	--	--	2480	--
	12/01/05	0.019	<0.001	0.0034	0.0086	390	1220
	05/17/06	0.17	0.0058	0.034	0.03	1340	2510
	11/06/06	0.017	<0.001	0.01	<0.003	1240	2530
	05/29/07	0.015	<0.001	0.002	<0.005	1500	2370
	10/31/07	0.044	0.0025	0.014	0.0045	1310	2620
	06/02/08	0.024	0.0015	0.0073	<0.003	1440	3030
	10/26/08	0.094	0.0021	0.024	0.0044	1770	3560
TMW-2	12/07/95	0.0589	--	--	--	545	--
	06/06/96	1.07	--	--	--	1020	--
	06/02/97	2.7	--	--	--	730	--
	03/22/01	1.87	--	--	--	660	--
	10/16/01	1.82	--	--	--	720	--
	12/19/05	1.5	0.032	0.70	0.066	126	1620
	06/05/08	PSH	PSH	PSH	PSH	PSH	PSH
	10/21/08	PSH	PSH	PSH	PSH	PSH	PSH
TMW-3	12/07/95	0.048	--	--	--	685	--
	06/06/96	0.861	--	--	--	1490	--
	06/02/97	0.428	--	--	--	870	--
	08/23/00	1.02	--	--	--	680	--
	03/22/01	1.06	--	--	--	900	--
	10/16/01	1.18	--	--	--	741	--
	04/15/02	0.353	--	--	--	897	--
	09/13/02	0.0417	--	--	--	1400	--
	04/28/03	0.328	--	--	--	897	--
	10/27/03	0.0189	--	--	--	630	--
	04/23/04	<0.001	--	--	--	633	--
	11/09/04	<0.001	--	--	--	605	--
	05/16/05	0.0345	--	--	--	1900	--
	12/06/05	0.014	<0.001	0.017	0.0047	456	2610
	05/11/06	0.01	<0.001	0.018	0.0067	733	2060
	11/09/06	0.03	<0.001	0.017	0.01	760	2060
	06/04/08	No access due to plant demo work					
	10/29/08	0.014	<0.001	0.0077	0.0044	695	1740

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

Well ID	Sample Date	Benzene	Toluene	Ethylbenzene	Total Xylene	Chloride	TDS
NM WQCC Standard		0.01	0.75	0.75	0.62	250	1000
		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
TMW-5	12/07/95	0.106	--	--	--	1800	--
	06/06/96	0.388	--	--	--	3250	--
	06/02/97	0.48	--	--	--	4300	--
	08/23/00	0.675	--	--	--	3600	--
	12/19/05	1.4	0.016	0.27	0.039	5420	10300
	11/09/06	1.6	<0.01	0.23	<0.03	4640	8680
	05/31/07	2.1	0.230	0.13	0.035	5350	9220
	11/06/07	3.6	0.210	0.21	0.044	4120	7520
	06/04/08	PSH	PSH	PSH	PSH	PSH	PSH
TMW-6	10/29/08	1.8	<0.005	0.06	0.017	4,780	7,340
	12/07/95	0.015	--	--	--	700	--
	06/06/96	1.11	--	--	--	788	--
	06/02/97	2.10	--	--	--	730	--
	08/23/00	4.68	--	--	--	380	--
	03/22/01	5.93	--	--	--	400	--
	10/16/01	4.76	--	--	--	319	--
	04/15/02	3.73	--	--	--	503	--
	09/13/02	3.62	--	--	--	821	--
	04/28/03	3.63	--	--	--	311	--
	10/27/03	3.88	--	--	--	567	--
	04/23/04	3.66	--	--	--	684	--
	11/09/04	4.17	--	--	--	417	--
	05/16/05	2.79	--	--	--	712	--
	12/13/05	1.3	<0.005	0.23	0.047	535	1640
	05/12/06	1.2	<0.005	0.22	0.067	589	1680
	11/09/06	2	<0.005	0.14	0.065	539	1720
	05/01/07	--	--	--	--	--	--
	06/04/08	3.3	0.0053	0.38	0.19	319	1520
	10/29/08	3.6	<0.01	0.35	0.11	401	1340
WW-1	09/10/96	0.105	--	--	--	--	--
	05/28/97	0.107	--	--	--	--	--
WW-2	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	11/29/05	<0.001	<0.001	<0.001	<0.003	--	--
WW-3	05/02/06	0.0011	<0.001	0.0014	<0.003	--	--
	09/10/96	0.033	--	--	--	--	--
WW-4	05/28/97	0.011	--	--	--	--	--
	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
WW-5	05/04/06	0.0017	<0.001	<0.001	<0.003	--	--
	09/10/96	0.018	--	--	--	--	--
	05/28/97	0.009	--	--	--	--	--
	08/23/00	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
WW-6	05/04/06	0.0013	<0.001	<0.001	<0.003	--	--
	05/28/97	ND	--	--	--	--	--
	11/30/05	<0.001	<0.001	<0.001	<0.003	--	--
WW-7	05/04/06	0.0027	<0.001	<0.001	<0.003	--	--
	09/10/96	ND	--	--	--	--	--
	05/28/97	ND	--	--	--	--	--
	08/23/00	ND	--	--	--	--	--
	11/29/05	<0.001	<0.001	0.0025	<0.003	--	--
	05/02/06	<0.02	<0.001	0.058	<0.003	--	--

NOTES:

mg/l = milligrams per liter.

BOLD = exceedance of the regulatory standard.

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

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

Pumping = monitor wells were not sampled due to pumping.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Well ID	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
NM WQCC Standard		0.1	1.0	0.01	0.05	0.05	0.002	0.05	0.05
Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
TMW-6	12/07/95	0.323	1.36	ND	0.0316	--	ND	0.003	ND
	06/06/96	0.0693	1.72	ND	ND	--	ND	ND	ND
	06/02/97	ND	1.3	ND	ND	--	ND	ND	ND
	08/23/00	0.13	2.6	ND	ND	--	ND	ND	ND
	03/22/01	0.143	1.9	ND	ND	--	ND	ND	ND
	10/16/01	0.131	1.98	ND	ND	--	ND	ND	ND
	04/15/02	0.123	1.61	ND	ND	--	ND	ND	ND
	09/13/02	0.126	1.40	ND	ND	--	ND	ND	ND
	04/28/03	0.124	2.51	ND	ND	--	ND	ND	ND
	10/27/03	0.173	1.53	ND	ND	--	ND	ND	ND
	04/23/04	<0.010	1.9	<0.005	<0.010	--	<0.0002	<0.010	<0.0125
	11/09/04	0.124	1.45	<0.005	<0.010	--	<0.0002	<0.050	<0.0125
	05/16/05	<0.010	1.63	0.007	0.09	--	<0.0002	<0.010	<0.002
	12/13/05	0.105	1.61	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/12/06	0.115	1.4	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	11/09/06	0.0978	1.25	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
WW-1	06/04/08	0.0563	0.973	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	10/29/08	0.0757	0.863	<0.005	<0.015	<0.015	<0.0002	<0.020	<0.005
	09/10/96	ND	0.97	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.6	ND	ND	--	ND	ND	1.4
	08/23/00	ND	1.1	ND	ND	--	ND	ND	ND
WW-2	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	0.49	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.6	ND	ND	--	ND	ND	ND
	11/29/05	<0.020	0.367	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
WW-3	05/02/06	<0.020	0.166	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	2	ND	ND	--	ND	ND	ND
	05/28/97	ND	0.8	ND	ND	--	ND	ND	ND
WW-4	08/23/00	ND	1.3	ND	ND	--	ND	ND	ND
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	ND	ND	ND	--	ND	ND	ND
	05/28/97	ND	ND	ND	ND	--	ND	ND	ND
WW-5	11/30/05	<0.020	0.108	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	0.0346	0.281	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--
	09/10/96	ND	ND	ND	ND	--	ND	ND	ND
WW-6	05/28/97	ND	0.3	ND	ND	--	ND	ND	ND
	08/23/00	ND	2.7	ND	ND	--	ND	ND	ND
	11/30/05	<0.020	2.64	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/04/06	<0.020	0.139	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
WW-7	10/31/08	--	--	--	--	--	--	--	--
	05/28/97	ND	0.30	ND	ND	--	ND	ND	ND
	08/23/00	ND	0.42	ND	ND	--	ND	ND	ND
	11/29/05	<0.020	0.698	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	05/02/06	<0.020	0.425	<0.005	<0.015	<0.020	<0.0002	<0.020	<0.005
	06/05/08	--	--	--	--	--	--	--	--
	10/31/08	--	--	--	--	--	--	--	--

NOTES:

mg/L = milligrams per liter.

Bold = indicates an exceedance of the regulatory standard.

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

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

Pumping = monitor wells were not sampled due to pumping.

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

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



**CONESTOGA-ROVERS
& ASSOCIATES**

6320 Rothway Drive, Suite 100

Houston, Texas 77040

Telephone: (713) 734-3090

www.CRAworld.com

Fax: (713) 734-3391

MEMORANDUM

TO: Melissa Pence

REF. NO.: 055271

FROM: Patricia L. Lynch/bjw/1-NF

DATE: November 16, 2009

E-Mail and Hard Copy if Requested

RE: **Data Quality Assessment
Groundwater Sampling
South Eunice Gas Plant
Lea County, New Mexico
August 2009**

INTRODUCTION

The following summarizes a quality assessment of the analytical data from the August 2009 collection of groundwater and associated quality control (QC) samples from the South Eunice Gas Plant located in Lea County, New Mexico. Lancaster Laboratories located in Lancaster, Pennsylvania performed the analyses in accordance with United States Environmental Protection Agency (USEPA) SW-846 Method 8021B¹ for volatile organic compounds (VOCs) benzene, toluene, ethylbenzene, and xylene (BTEX), Method 6010B¹ for dissolved RCRA metals, USEPA Method 300² for chloride and Method SM 2540C³ for total dissolved solids (TDS). The results of these analyses are provided in the Lancaster Laboratories reports listed below:

Group No. 1156888

Group No. 1157297

Group No. 1158519

Group No. 1157817

Group No. 1164348

The QC criteria used to assess the data were established by the methods and are consistent with the following:

- i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999
- ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-094-013, February 1994

¹ "Test Methods for Evaluating Solid Waste Physical/Chemical Methods", SW-846, 3rd Edition, September 1986 (with all subsequent revisions).

² "The Determination of Inorganic Anions by Ion Chromatography", USEPA, Revision 2.1, August 1993.

³ "Standard Methods for the Examination of Water and Wastewater," APHA-AWWA-WPCF, 20th edition.

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) REVIEW

The samples were shipped and maintained in accordance with the sample preservation requirements, and the samples were prepared and analyzed within the specified holding times.

A method blank was extracted and analyzed with each batch for each parameter. All of the laboratory blank results were reported as ND (not detected).

All samples for VOCs (BTEX) were spiked with the appropriate surrogate prior to analysis. Some surrogate recoveries were above the acceptance limits, and all detections would be qualified as estimated (see Table 1).

Laboratory control samples (LCS) and/or laboratory control sample duplicates (LCSD) were prepared and analyzed with each batch to monitor the overall method performance from sample preparation through sample analysis. The LCS/LCSD percent recoveries and relative percent differences (RPDs) were evaluated against method and laboratory established control limits. All LCS/LCSD percent recoveries and RPDs for were within the method and laboratory control limits, indicating that an acceptable level of overall performance was achieved.

To evaluate the effect of the sample matrix on the accuracy of a particular analysis, a minimum of one sample per batch is spiked in duplicate with a known concentration of the analyte of concern and analyzed. For chloride and TDS, a laboratory duplicate was substituted for the duplicate matrix spike. For metals, a laboratory duplicate was analyzed in addition to the duplicate matrix spikes. The laboratory control limits were used to assess matrix spike/matrix spike duplicate (MS/MSD) recoveries and RPDs and the laboratory duplicate RPDs.

Several project samples were selected for MS/MSD analyses, and most recoveries and RPDs were within the control limits. For mercury and chloride, some of the recoveries were outside the control limits, and the data for all samples in the preparation batches would be qualified as estimated based on the MS/MSD recoveries (see Tables 2 and 3). In addition, the duplicate chloride RPD for sample MW-29 81309 was high (see Table 4). The data for all samples in the batch associated with this sample would be qualified as estimated.

Several unrelated samples were also selected for MS/MSD and duplicate analyses. The effects of these sample matrices on the analysis of the project samples could not be determined. No data qualifiers were applied to project samples based on the results for these unrelated MS/MSDs.

The field quality assurance/quality control consisted of a trip blank and two field duplicate samples.

The trip blank, which was a discrete sample handled in the field, is listed on the sample identification cross-reference table found in the laboratory data package. Results are reported in the data package with the other project sample results. No COCs were detected in the trip blank.

Two field duplicate samples were collected and analyzed for this groundwater sampling program. Overall precision for both the sample collection and laboratory procedures is monitored using the results of the field duplicate samples. All field duplicate results indicated an acceptable level of precision for results that were above the estimated regions of detection.

CONCLUSION

The analytical data in this report are usable for the purpose of determining the groundwater concentrations of chemicals of concern at the Site with the noted qualifications based on VOC surrogate recoveries, mercury and chloride MS/MSD recoveries and chloride laboratory duplicate RPDs.

TABLE 1

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
GROUNDWATER SAMPLING
SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2009

<i>Parameter</i>	<i>Surrogate</i>	<i>Surrogate Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Sample ID</i>	<i>Analytes</i>	<i>Qualified Sample Results</i>	<i>Units</i>
BTX	p-Trifluorotoluene	135	69-129	MWD12 80609	Benzene	660 J	µg/L
					Ethylbenzene	41 J	µg/L
					Toluene	1.5 J	µg/L
					Xylenes (Total)	12 J	µg/L
	p-Trifluorotoluene	167	69-129	MWD13 080709	Benzene	1.1 J	µg/L
					Benzene	69 J	µg/L
					Ethylbenzene	59 J	µg/L
	p-Trifluorotoluene	132	69-129	TMW-5 081009	Ethylbenzene	140 J	µg/L
					Toluene	1.2 J	µg/L
					Xylenes (Total)	5.3 J	µg/L
	p-Trifluorotoluene	140	69-129	MWD-16 081009	Benzene	660 J	µg/L
					Ethylbenzene	280 J	µg/L
					Toluene	2.1 J	µg/L
					Xylenes (Total)	160 J	µg/L
	p-Trifluorotoluene	139	69-129	MWD-14 081009	Benzene	1600 J	µg/L
					Ethylbenzene	31 J	µg/L
					Toluene	1.6 J	µg/L
					Xylenes (Total)	18 J	µg/L
	p-Trifluorotoluene	138	69-129	MWD-8 081109	Benzene	3.3 J	µg/L
					Ethylbenzene	2.2 J	µg/L
					Xylenes (Total)	4.7 J	µg/L

TABLE 1

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
GROUNDWATER SAMPLING
SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2009

<i>Parameter</i>	<i>Surrogate</i>	<i>Surrogate Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Sample ID</i>	<i>Analytes</i>	<i>Qualified Sample Results</i>	<i>Units</i>
BTEX	p-Trifluorotoluene	131	69-129	MWD17-81209	Ethylbenzene Toluene Xylenes (Total)	68 J 7 J 45 J	µg/L µg/L µg/L

Notes:

BTEX Benzene, Ethylbenzene, Toluene, Xylenes
J Estimated.

TABLE 2

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
GROUNDWATER SAMPLING
SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2009

<i>Parameter</i>	<i>Associated Sample ID</i>	<i>Analyte</i>	<i>MS</i>		<i>MSD</i>		<i>Control Limits</i>		<i>Qualified Sample Result</i>	<i>Units</i>
			<i>Recovery (percent)</i>	<i>RPD</i>	<i>Recovery (percent)</i>	<i>RPD</i>	<i>Recovery (percent)</i>	<i>RPD (percent)</i>		
Metals	MW-6 8709	Mercury	35	13	31	43	75-125	20	0.00020	UJ
	MW-14 8609								0.00020	UJ
	MW-8 8609								0.00020	UJ
	MW-16 8609								0.00020	UJ
	MW-7 8609								0.00020	UJ
	MWD12 8609								0.00020	UJ
	MWD7 8609								0.00020	UJ
	MWD4 8609								0.00020	UJ
	MWD1 8609								0.00020	UJ
	MWD13- 8609								0.00020	UJ
	MWD6-080709								0.00020	UJ
	DUP-01-080709								0.00020	UJ
	MW-17-81209	Mercury	45	4	43	75-125	20		0.00020	UJ
	MW-25-81409								0.00020	UJ
	MWD5-081209								0.00020	UJ

Notes:

- MS Matrix Spike.
MSD Matrix Spike Duplicate.
RPD Relative Percent Difference.
UJ Not detected, estimated reporting limit.

TABLE 3

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE RECOVERIES
GROUNDWATER SAMPLING
SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2009

<i>Analyte</i>	<i>Spike ID</i>	<i>MS Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Associated Samples</i>	<i>Qualified Sample Results</i>	<i>Units</i>
Chloride	MW-14 8609	113	90-110	MW-8 8609	1310 J	mg/L
				MW16 8609	1570 J	mg/L
				MW-7 8609	51.3 J	mg/L
				MW-6 8709	748 J	mg/L
				MW-23 8709	8860 J	mg/L
				MWD12 8609	4350 J	mg/L
				MWD7 8609	7610 J	mg/L
				MWD4 8609	310 J	mg/L
				MWD1 8609	9340 J	mg/L
				MWD13-080709	9110 J	mg/L
				MWD6-080709	995 J	mg/L
				DUP-01-080709	1010 J	mg/L
				MW-14 8609	429 J	mg/L
Chloride	MW-29 81309	73	90-110	MW-29 81309	916 J	mg/L
				MW-22 81309	2990 J	mg/L
				MW-9 81409	802 J	mg/L
				MW-31 81409	844 J	mg/L
				MW-25 81409	1940 J	mg/L
				MWD11-081209	2460 J	mg/L
				MWD2-81209	18200 J	mg/L
				MWD15-81209	26500 J	mg/L
				MWD5-81209	2240 J	mg/L
				MWD17-81209	46500 J	mg/L

Notes:

- J Estimated.
- MS Matrix Spike.

TABLE 4

QUALIFIED SAMPLE DATA DUE TO POOR LABORATORY DUPLICATE PRECISION
GROUNDWATER SAMPLING
SOUTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO
AUGUST 2009

<i>Analyte</i>	<i>Sample ID</i>	<i>RPD</i>	<i>RPD Control Limit</i>	<i>Associated Sample IDs</i>	<i>Qualified Sample Results</i>	<i>Units</i>
Chloride	MW-29 81309	36	20	MW-29 81309	916 J	mg/L
				MW-22 81309	2990 J	mg/L
				MW-9 81409	802 J	mg/L
				MW-31 81409	844 J	mg/L
				MW-25 81409	1940 J	mg/L
				MWD11-081209	2460 J	mg/L
				MWD2-81209	18200 J	mg/L
				MWD15-81209	26500 J	mg/L
				MWD5-81209	2240 J	mg/L
				MWD17-81209	46500 J	mg/L

Notes:

- J Estimated.
- RPD Relative Percent Difference.

ANALYTICAL RESULTS

Prepared for:

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

713-937-7973

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425**SAMPLE GROUP**

The sample group for this submittal is 1131155. Samples arrived at the laboratory on Friday, February 06, 2009. The PO# for this group is 89CH.49527.08 and the release number is EUNICE SOUTH GP.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MW-30 Grab Water Sample	5594219
MW-29 Grab Water Sample	5594220
MW-32 Grab Water Sample	5594221
MW-34 Grab Water Sample	5594222
MWD-4 Grab Water Sample	5594223
MW-7 Grab Water Sample	5594224
MW-6 Grab Water Sample	5594225
MWD-13 Grab Water Sample	5594226
DUP #1 Grab Water Sample	5594227
Trip Blank Water Sample	5594228

ELECTRONIC STANTEC International, Inc.
COPY TO
ELECTRONIC STANTEC International, Inc.
COPY TO

Attn: Chad Vowell

Attn: Steve Bell



Analysis Report

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

Respectfully Submitted,

Martha L. Seidel

Martha L. Seidel
Senior Chemist



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Lancaster Laboratories Sample No. WW5594219

Group No. 1131155

MW-30 Grab Water Sample
Eunice South Gas Plant

Collected: 02/04/2009 11:05

by SB

Account Number: 11842

Submitted: 02/06/2009 09:00

Reported: 02/16/2009 at 21:00

Discard: 03/19/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	8.38	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	1,380	120		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	412	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	75	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	10	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/10/2009 09:52	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 20:38	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 20:38	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 20:38	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 12:40	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 20:38	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 20:38	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 20:38	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/06/2009 14:25	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/11/2009 00:03	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/11/2009 00:03	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5594219

Group No. 1131155

MW-30 Grab Water Sample
Eunice South Gas Plant

Collected: 02/04/2009 11:05 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1



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Page 1 of 2

Lancaster Laboratories Sample No. WW5594220

Group No. 1131155

MW-29 Grab Water Sample
Eunice South Gas Plant

Collected: 02/04/2009 12:02

by SB

Account Number: 11842

Submitted: 02/06/2009 09:00

Reported: 02/16/2009 at 21:00

Discard: 03/19/2009

STANTEC International, Inc.

10235 W. Little York

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Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of Quantitation	Units	Limit of Quantitation	
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1	1
07046	Barium	7440-39-3	5.80	0.0050	mg/l	1	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1	1
00212	Total Dissolved Solids	n.a.	1,840	240	mg/l	1	1
01124	Chloride (titrimetric)	16887-00-6	661	100	mg/l	50	1
08213	BTEX (8021)						
00776	Benzene	71-43-2	490	5.0	ug/l	5	1
00777	Toluene	108-88-3	5.0	1.0	ug/l	1	1
00778	Ethylbenzene	100-41-4	170	1.0	ug/l	1	1
00779	Total Xylenes	1330-20-7	140	3.0	ug/l	1	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/10/2009 09:57	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 20:42	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 20:42	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 20:42	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 12:44	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 20:42	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 20:42	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 20:42	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/06/2009 14:25	Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	02/11/2009 00:27	Carrie E Youtzy	1
08213	BTEX (8021)	SW-846 8021B	1	02/11/2009 12:01	Carrie E Youtzy	5



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Lancaster Laboratories Sample No. WW5594220

Group No. 1131155

MW-29 Grab Water Sample
Eunice South Gas Plant

Collected: 02/04/2009 12:02 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

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01146	GC VOA Water Prep	SW-846 5030B	1	02/11/2009 00:27	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	2	02/11/2009 12:01	Carrie E Youtzy	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1

Lancaster Laboratories Sample No. **WW5594221**

Group No. **1131155**
**MW-32 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/04/2009 14:27 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	3.87	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	3,910	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,540	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	20	1.0	ug/l	1
00777	Toluene	108-88-3	1.2	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	17	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	14	3.0	ug/l	1

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/10/2009 09:59	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 20:46	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 20:46	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 20:46	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 12:54	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 20:46	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 20:46	John P Hook	1



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Lancaster Laboratories Sample No. WW5594221

Group No. 1131155

MW-32 Grab Water Sample
Eunice South Gas Plant

Collected: 02/04/2009 14:27 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
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Houston TX 77040

07066	Silver	SW-846 6010B	1	02/11/2009 20:46	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/06/2009 14:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/11/2009 12:25	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/11/2009 12:25	Carrie E Youtzy	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5594222

Group No. 1131155

MW-34 Grab Water Sample
Eunice South Gas Plant

Collected: 02/04/2009 15:51 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	1.92	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	569	60.0	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	73.3	20.0	mg/l	10
08213	BTEX (8021)					
00776	Benzene	71-43-2	84	1.0	ug/l	1
00777	Toluene	108-88-3	34	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	240	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	240	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT				Analysis		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/10/2009 10:00	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 20:50	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 20:50	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 20:50	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 12:58	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 20:50	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 20:50	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 20:50	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/06/2009 14:25	Susan A Engle	10
08213	BTEX (8021)	SW-846 8021B	1	02/11/2009 13:14	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/11/2009 13:14	Carrie E Youtzy	1



Analysis Report

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Lancaster Laboratories Sample No. WW5594222

Group No. 1131155

MW-34 Grab Water Sample
Eunice South Gas Plant

Collected: 02/04/2009 15:51 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1

Lancaster Laboratories Sample No. **WW5594223**

Group No. **1131155**
**MWD-4 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/05/2009 10:34

by SB

Account Number: 11842

Submitted: 02/06/2009 09:00

Reported: 02/16/2009 at 21:00

Discard: 03/19/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0275	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.804	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,170	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	237	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	2.8	1.0	ug/l	1
00777	Toluene	108-88-3	1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	11	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	9.2	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/10/2009 10:04	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 20:53	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 20:53	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 20:53	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 13:01	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 20:53	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 20:53	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 20:53	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/06/2009 14:25	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/11/2009 12:50	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/11/2009 12:50	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5594223

Group No. 1131155

MWD-4 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 10:34 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/10/2009 19:50	Annamaria Stipkovits	1
1	02/09/2009 18:20	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5594224

Group No. 1131155

MW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 11:20

by SB

Account Number: 11842

Submitted: 02/06/2009 09:00

Reported: 02/16/2009 at 21:00

Discard: 03/19/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result		Limit of Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020		0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200		0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200		0.0200	mg/l	1
07046	Barium	7440-39-3	0.206		0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050		0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150		0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150		0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050		0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,060		120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	97.1		40.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	2.8		1.0	ug/l	1
00777	Toluene	108-88-3	1.1		1.0	ug/l	1
00778	Ethylbenzene	100-41-4	11		1.0	ug/l	1
00779	Total Xylenes	1330-20-7	9.0		3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
00259	Mercury	SW-846 7470A	1	02/10/2009 10:05	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 20:57	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 20:57	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 20:57	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 13:05	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 20:57	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 20:57	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 20:57	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/06/2009 14:25	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/12/2009 01:43	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2009 01:43	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5594224

Group No. 1131155

MW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 11:20 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5594225

Group No. 1131155

MW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 13:20

by SB

Account Number: 11842

Submitted: 02/06/2009 09:00

Reported: 02/16/2009 at 21:00

Discard: 03/19/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0269	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0515	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	10,700	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,050	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	3.1	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	7.6	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	6.7	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
00259	Mercury	SW-846 7470A	1	02/10/2009 10:07	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 21:01	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 21:01	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 21:01	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 13:09	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 21:01	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 21:01	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 21:01	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/06/2009 14:25	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/12/2009 02:08	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2009 02:08	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5594225

Group No. 1131155

MW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 13:20 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5594226

Group No. 1131155

MWD-13 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 14:13

by SB

Account Number: 11842

Submitted: 02/06/2009 09:00

Reported: 02/16/2009 at 21:00

Discard: 03/19/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0244	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0361	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	12,600	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	6,610	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	1.2	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.6	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.1	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/10/2009 10:08	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 21:05	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 21:05	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 21:05	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 13:12	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 21:05	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 21:05	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 21:05	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/09/2009 15:30	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/12/2009 02:32	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2009 02:32	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5594226

Group No. 1131155

MWD-13 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 14:13 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1

Lancaster Laboratories Sample No. **WW5594227**

Group No. **1131155**
**DUP #1 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/05/2009 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0363	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	13,000	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	6,830	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	1.2	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.6	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.1	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/10/2009 10:09	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/11/2009 21:08	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/11/2009 21:08	John P Hook	1
07046	Barium	SW-846 6010B	1	02/11/2009 21:08	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/12/2009 13:16	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/11/2009 21:08	John P Hook	1
07055	Lead	SW-846 6010B	1	02/11/2009 21:08	John P Hook	1
07066	Silver	SW-846 6010B	1	02/11/2009 21:08	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/09/2009 10:23	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/09/2009 15:30	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/12/2009 02:57	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2009 02:57	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5594227

Group No. 1131155

DUP #1 Grab Water Sample
Eunice South Gas Plant

Collected: 02/05/2009 by SB

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/10/2009 19:50	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/09/2009 18:20	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW5594228

Group No. 1131155

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 02/04/2009

Account Number: 11842

Submitted: 02/06/2009 09:00
Reported: 02/16/2009 at 21:00
Discard: 03/19/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	02/12/2009 00:06	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/12/2009 00:06	Carrie E Youtzy	1

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 02/16/09 at 09:00 PM

Group Number: 1131155

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09037112401A Chloride (titrimetric)	Sample number(s): 5594219-5594225			98		96-102		
Batch number: 09040021201A Total Dissolved Solids	< 30.0	30.0	mg/l	97		80-120		
Batch number: 09040112401A Chloride (titrimetric)	Sample number(s): 5594226-5594227			99		96-102		
Batch number: 090405713001 Mercury	< 0.00020	0.00020	mg/l	111		80-120		
Batch number: 090415705005 Arsenic	< 0.0200	0.0200	mg/l	103		90-119		
Selenium	< 0.0200	0.0200	mg/l	109		80-120		
Barium	< 0.0050	0.0050	mg/l	99		90-110		
Cadmium	< 0.0050	0.0050	mg/l	100		90-112		
Chromium	< 0.0150	0.0150	mg/l	102		90-110		
Lead	< 0.0150	0.0150	mg/l	99		90-113		
Silver	< 0.0050	0.0050	mg/l	92		90-118		
Batch number: 09041A53A Benzene	< 1.0	1.0	ug/l	103	99	80-120	3	30
Toluene	< 1.0	1.0	ug/l	104	101	80-120	3	30
Ethylbenzene	< 1.0	1.0	ug/l	105	101	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	106	103	80-120	3	30
Batch number: 09041A53B Benzene	< 1.0	1.0	ug/l	103	99	80-120	3	30
Toluene	< 1.0	1.0	ug/l	104	101	80-120	3	30
Ethylbenzene	< 1.0	1.0	ug/l	105	101	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	106	103	80-120	3	30
Batch number: 09042A53A Benzene	< 1.0	1.0	ug/l	102	105	80-120	3	30
Toluene	< 1.0	1.0	ug/l	102	105	80-120	3	30
Ethylbenzene	< 1.0	1.0	ug/l	102	105	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	103	107	80-120	3	30

Sample Matrix Quality Control

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.

Group Number: 1131155

Reported: 02/16/09 at 09:00 PM

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

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09037112401A Chloride (titrimetric)	95	95	91-105	0	2	305	303	1	5
Batch number: 09040021201A Total Dissolved Solids	100	100	54-143	0	12	223	224	1	9
Batch number: 09040112401A Chloride (titrimetric)	99	101	91-105	1	2	315	309	2	5
Batch number: 090405713001 Mercury	89	89	80-120	0	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 090415705005 Arsenic	104	106	75-125	1	20	< 0.0200	< 0.0200	200* (1)	20
Selenium	97	96	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	97	96	78-118	1	20	0.0425	0.0616	37*	20
Cadmium	94	95	83-116	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	102	100	81-120	2	20	< 0.0150	< 0.0150	200* (1)	20
Lead	94	94	75-125	0	20	< 0.0150	< 0.0150	0 (1)	20
Silver	93	92	75-125	1	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 09041A53A Benzene	110		70-152						
Toluene	110		78-129						
Ethylbenzene	113		75-133						
Total Xylenes	114		67-155						
Batch number: 09041A53B Benzene	110		70-152						
Toluene	110		78-129						
Ethylbenzene	113		75-133						
Total Xylenes	114		67-155						
Batch number: 09042A53A Benzene	108	108	70-152	0	30				
Toluene	109	109	78-129	0	30				
Ethylbenzene	108	110	75-133	1	30				
Total Xylenes	110	113	67-155	2	30				

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

Batch number: 09041A53A

Trifluorotoluene-P

5594219	86
Blank	85
LCS	86

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.

Group Number: 1131155

Reported: 02/16/09 at 09:00 PM

Surrogate Quality Control

LCSD 86
MS 88

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09041A53B

Trifluorotoluene-P

5594220 116
5594221 84
5594222 94
5594223 88
Blank 87
LCS 86
LCSD 86
MS 88

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09042A53A

Trifluorotoluene-P

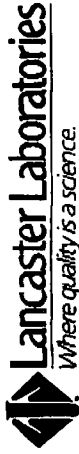
5594224 88
5594225 87
5594226 88
5594227 87
5594228 87
Blank 88
LCS 87
LCSD 87
MS 86
MSD 153*

Limits: 69-129

*- Outside of specification

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

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



Where quality is a science.

For Lancaster Laboratories use only

Acct. #:

Sample #: 5594219-28

SCR#

009337

~~42902~~

55 £12

Group 1131155

Facility #: <u>Enviac South Gas Plant 89044952708</u>		Site Address: <u>Enviac, New Mexico</u>		Chevron PM: <u>A. Harner</u> Lead Consultant: <u>C. Vauvill</u>		Consultant/Office: <u>Stanley - Houston</u>		Consultant Proj. Mgr.: <u>Danny Woodward</u>		Consultant Phone #: <u>713-937-7973</u> Fax #: <u>713-983-8328</u>		Sampler: <u>SB, JE</u>		Service Order #: _____		Non SAR: <input type="checkbox"/>					
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Potable <input type="checkbox"/> NPDES <input checked="" type="checkbox"/>	Oil <input type="checkbox"/> Air <input type="checkbox"/>	Total Number of Containers	BTEX + MTBE 8021 <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> Naphth <input type="checkbox"/>	Oxygenates	TPH G	TPH D <input type="checkbox"/> Extended Ring <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/>	Lead Total <input type="checkbox"/> Diss. <input type="checkbox"/> Method <input type="checkbox"/>	VPH/EPH	NWTPH HClID <input type="checkbox"/> quantification	Preservation Codes	Preservative Codes		
MW-30		2/4/09	1105	✓			✓			5	✓								H = HCl T = Thioculfate N = HNO ₃ S = H ₂ SO ₄ O = Other		
MW-29		2/4/09	1208	✓			✓			5	✓								J value reporting needed		
MW-32		2/4/09	1427	✓			✓			5	✓								Must meet lowest detection limits possible for 8260 compounds		
MW-34		2/4/09	1551	✓			✓			5	✓								8021 MTBE Confirmation		
MW-D-4		2/5/09	1034	✓			✓			5	✓								Confirm MTBE + Naphthalene		
MW-7		2/5/09	1120	✓			✓			5	✓								Confirm highest hit by 8260		
MW-6		2/5/09	1320	✓			✓			5	✓								Confirm all hits by 8260		
MW-D-13		2/5/09	1413	✓			✓			5	✓								Run oxy's on highest hit		
Dwp #1		2/5/09	---	✓			✓			5	✓								Run oxy's on all hits		
Trip Blanks										2									Comments / Remarks		
																			metals Sampled		
																			field filtered for		
																			Dissolved Metals		
																			All times are		
																			Control time zone		
Turnaround Time Requested (TAT) (please circle)		72 hour		48 hour		5 day		Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>0640</u>	Received by:	Date:	Time:	Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Relinquished by:	Date:	Time:
Data Package Options (please circle if required)		Type I - Full		Disk / EDD		Standard Format		Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Received by:	Date:	Time:	Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Relinquished by:	Date:	Time:
QC Summary		Type VI (Raw Data)		WIP (RWQCB)		Disk		Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Received by:	Date:	Time:	Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Relinquished by:	Date:	Time:
Temperature Upon Receipt: <u>61.6-2.0</u> °C		UPS		FedEx		Other		Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Received by:	Date:	Time:	Relinquished by: <u>Stanley</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Relinquished by:	Date:	Time:
Custody Seals Intact? <u>Yes</u>		Custody Seals Intact? <u>Yes</u>		Custody Seals Intact? <u>Yes</u>		Custody Seals Intact? <u>Yes</u>		Custody Seals Intact? <u>Yes</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Received by:	Date:	Time:	Custody Seals Intact? <u>Yes</u>		Date: <u>5-20-09</u>	Time: <u>1030</u>	Custody Seals Intact? <u>Yes</u>	Date:	Time:

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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ANALYTICAL RESULTS

Prepared for:

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

713-937-7973

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1132227. Samples arrived at the laboratory on Friday, February 13, 2009. The PO# for this group is 89CH.49527.08 and the release number is EUNICE SOUTH GP.

Client Description

MWD-6 Grab Water Sample
MW-9 Grab Water Sample
MWD-5 Grab Water Sample
MW-25 Grab Water Sample
Trip Blank Water Sample

Lancaster Labs Number

5600038
5600039
5600040
5600041
5600042

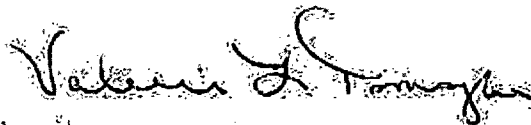
ELECTRONIC STANTEC International, Inc.
COPY TO
ELECTRONIC STANTEC International, Inc.
COPY TO

Attn: Chad Vowell

Attn: Steve Bell

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

Respectfully Submitted,



Valerie L. Tomayko
Group Leader



Analysis Report

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

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Lancaster Laboratories Sample No. WW5600038

Group No. 1132227

MWD-6 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 10:58

by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:47

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.274	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	822	120		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	237	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	5.8	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	8.3	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:27	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:22	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:22	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:22	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:22	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:22	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:22	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:22	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 11:40	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 12:48	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	2	02/18/2009 12:48	Jennifer B Werner	1



Analysis Report

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Lancaster Laboratories Sample No. WW5600038

Group No. 1132227

MWD-6 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 10:58 by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:47
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. WW5600039

Group No. 1132227

MW-9 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 11:53 by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:47
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	16.0	0.0250	mg/l	5
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,720	240	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	560	100	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,700	20	ug/l	20
00777	Toluene	108-88-3	33	20	ug/l	20
00778	Ethylbenzene	100-41-4	470	20	ug/l	20
00779	Total Xylenes	1330-20-7	140	60	ug/l	20

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
00259	Mercury	SW-846 7470A	1	02/18/2009 16:31	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:00	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:00	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 20:56	John P Hook	5
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:00	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:00	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:00	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:00	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 11:40	Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	02/17/2009 22:18	Jennifer B Werner	20
01146	GC VOA Water Prep	SW-846 5030B	1	02/17/2009 22:18	Jennifer B Werner	20



Analysis Report

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Lancaster Laboratories Sample No. WW5600039

Group No. 1132227

MW-9 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 11:53 by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:47
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1



Analysis Report

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Lancaster Laboratories Sample No. WW5600040

Group No. 1132227

MWD-5 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 14:00

by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:47

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0880	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	6.35	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	3,780	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,830	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	5,000	20	ug/l	20
00777	Toluene	108-88-3	63	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	470	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	110	15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
00259	Mercury	SW-846 7470A	1	02/18/2009 16:35	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:25	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:25	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:25	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:25	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:25	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:25	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:25	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/17/2009 23:04	Jennifer B Werner	5
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 15:06	Jennifer B Werner	20



Analysis Report

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Lancaster Laboratories Sample No. WW5600040

Group No. 1132227

MWD-5 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 14:00 by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:47
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

01146	GC VOA Water Prep	SW-846 5030B	1	02/17/2009 23:04	Jennifer B Werner	5
01146	GC VOA Water Prep	SW-846 5030B	2	02/18/2009 15:06	Jennifer B Werner	20
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. **WW5600041**

Group No. **1132227**
**MW-25 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/12/2009 15:07 by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:47
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0272	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	1.86	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	6,470	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,630	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	7,900	25	ug/l	25
00777	Toluene	108-88-3	< 25	25	ug/l	25
00778	Ethylbenzene	100-41-4	560	25	ug/l	25
00779	Total Xylenes	1330-20-7	< 75	75	ug/l	25

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/18/2009 16:36	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:36	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:36	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:36	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:36	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:36	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:36	Tara L Snyder	1



Analysis Report

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Lancaster Laboratories Sample No. **WW5600041**

Group No. **1132227**

MW-25 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 15:07 by JSC

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:47
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07066	Silver	SW-846 6010B	1	02/18/2009 01:36	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 14:20	Jennifer B Werner	25
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 14:20	Jennifer B Werner	25
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1



Analysis Report

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Lancaster Laboratories Sample No. WW5600042

Group No. 1132227

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 02/12/2009

Account Number: 11842

Submitted: 02/13/2009 09:15

STANTEC International, Inc.

Reported: 02/24/2009 at 16:47

10235 W. Little York

Discard: 03/27/2009

Ste 400

Houston TX 77040

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	02/17/2009 19:15	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/17/2009 19:15	Jennifer B Werner	1

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 02/24/09 at 04:48 PM

Group Number: 1132227

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09047021202A Total Dissolved Solids	Sample number(s): 5600038-5600041 < 30.0 30.0 mg/l 97 80-120							
Batch number: 090475705003	Sample number(s): 5600038-5600041							
Arsenic	< 0.0200	0.0200	mg/l	103		90-119		
Selenium	< 0.0200	0.0200	mg/l	107		80-120		
Barium	< 0.0050	0.0050	mg/l	97		90-110		
Cadmium	< 0.0050	0.0050	mg/l	99		90-112		
Chromium	< 0.0150	0.0150	mg/l	99		90-110		
Lead	< 0.0150	0.0150	mg/l	96		90-113		
Silver	< 0.0050	0.0050	mg/l	92		90-118		
Batch number: 090475713004 Mercury	Sample number(s): 5600038-5600041 < 0.00020 0.00020 mg/l 108 80-120							
Batch number: 09048A13A	Sample number(s): 5600038-5600042							
Benzene	< 0.5	0.5	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Ethylbenzene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	112	113	80-120	1	30
Batch number: 09051112401A Chloride (titrimetric)	Sample number(s): 5600038-5600039 99 96-102							
Batch number: 09051112402A Chloride (titrimetric)	Sample number(s): 5600040-5600041 98 96-102							

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 09047021202A Total Dissolved Solids	Sample number(s): 5600038-5600041 UNSPK: 5600038 BKG: 5600038 98 100 54-143 1 12 822 842 2 9								
Batch number: 090475705003	Sample number(s): 5600038-5600041 UNSPK: 5600039 BKG: 5600039								
Arsenic	106	107	75-125	1	20	< 0.0200	0.0319	47* (1)	20
Selenium	100	109	75-125	9	20	< 0.0200	< 0.0200	0 (1)	20
Barium	145 (2)	101 (2)	78-118	5	20	16.0	16.6	4	20
Cadmium	99	97	83-116	2	20	< 0.0050	< 0.0050	0 (1)	20

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.

Group Number: 1132227

Reported: 02/24/09 at 04:48 PM

Sample Matrix Quality Control

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

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Chromium	100	101	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Lead	97	100	75-125	3	20	< 0.0150	< 0.0150	0 (1)	20
Silver	96	93	75-125	2	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 090475713004	Sample number(s): 5600038-5600041 UNSPK: 5600038 BKG: 5600038								
Mercury	96	94	80-120	2	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 09048A13A	Sample number(s): 5600038-5600042 UNSPK: P600049								
Benzene	120		70-152						
Toluene	121		78-129						
Ethylbenzene	122		75-133						
Total Xylenes	121		67-155						
Batch number: 09051112401A	Sample number(s): 5600038-5600039 UNSPK: P602518 BKG: P602518								
Chloride (titrimetric)	94	93	91-105	1	2	276	270	2	5
Batch number: 09051112402A	Sample number(s): 5600040-5600041 UNSPK: P600048 BKG: P600048								
Chloride (titrimetric)	95	97	91-105	1	2	110	109	1 (1)	5

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

Batch number: 09048A13A

Trifluorotoluene-P

5600038	119
5600039	119
5600040	137*
5600041	117
5600042	119
Blank	117
LCS	116
LCSD	118
MS	118

Limits: 69-129

*- Outside of specification

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

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

Chevron Generic Analysis Request/Chain of Custody



Facility #: 89CH49527.08.1000
 Site Address: New Mexico
 Chevron PM: Steve Homer Lead Consultant:
 Consultant/Office: Stanley / Midland
 Consultant Proj. Mgr.:
 Consultant Phone #: 432-685-0627 Fax #:
 Sampler: SE/JM
 Service Order #: Non SAR

Turnaround Time Requested (TAT) (please circle)
 STD. TAT: 24 hour 72 hour 48 hour 5 day
 Data Package Options (please circle if required)
 QC Summary Type I - Full Type VI (Raw Data) Disk / EDD WIP (RWQCB) Standard Format Other.

Acc#: 11842 Sample #: 5100038-92 SCR#: 009867
 Analyses Requested: TPH G, Oxygenates, 8260 full scan, BTX + MTBE 8021, Naphthalene, TPH D, Extended Ring, Silica Gel Cleanup, Method, Diss., VPH/EPH, NWTPH H ClID quantification
 Preservation Codes: TPH G, Oxygenates, 8260 full scan, BTX + MTBE 8021, Naphthalene, TPH D, Extended Ring, Silica Gel Cleanup, Method, Diss., VPH/EPH, NWTPH H ClID quantification
 Preservative Codes: H = HCl, T = Thiocyanate, N = HNO3, B = NaOH, S = H2SO4, O = Other
 Matrix: Water, Soil, Composite, Grab
 Total Number of Containers: 5, 5, 5, 5, 2
 Comments / Remarks: Note Diss. Method are filtered in 2.0. x

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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ANALYTICAL RESULTS

Prepared for:

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

713-937-7973

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1132228. Samples arrived at the laboratory on Friday, February 13, 2009. The PO# for this group is 89CH.49527.08 and the release number is EUNICE SOUTH GP.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MW-15 Grab Water Sample	5600043
MW-16 Grab Water Sample	5600044
MW-13 Grab Water Sample	5600045
MW-14 Grab Water Sample	5600046
MW-31 Grab Water Sample	5600047
MW-3 Grab Water Sample	5600048
TMW-1 Grab Water Sample	5600049
MWD-11 Grab Water Sample	5600050
MWD-8 Grab Water Sample	5600051
MW-18 Grab Water Sample	5600052
MWD-2 Grab Water Sample	5600053
MW-4 Grab Water Sample	5600054
MWD-1 Grab Water Sample	5600055
MW-17 Grab Water Sample	5600056
MWD-7 Grab Water Sample	5600057
MW-23 Grab Water Sample	5600058
MWD-9 Grab Water Sample	5600059
MWD-3 Grab Water Sample	5600060
MW-22 Grab Water Sample	5600061
RW-6 Grab Water Sample	5600062
MWD-17 Grab Water Sample	5600063
RW-8 Grab Water Sample	5600064
MWD-15 Grab Water Sample	5600065
MWD-14 Grab Water Sample	5600066
DUP #3 Grab Water Sample	5600067



Analysis Report

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DUP #2 Grab Water Sample	5600068
MWD-16 Grab Water Sample	5600069
RW-7 Grab Water Sample	5600070
MWD-10 Grab Water Sample	5600071
Trip Blank Water Sample	5600072

ELECTRONIC COPY TO	STANTEC International, Inc.	Attn: Chad Vowell
ELECTRONIC COPY TO	STANTEC International, Inc.	Attn: Steve Bell

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

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Valerie L. Tomayko".

Valerie L. Tomayko
Group Leader



Analysis Report

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

DUP #2 Grab Water Sample	5600068
MWD-16 Grab Water Sample	5600069
RW-7 Grab Water Sample	5600070
MWD-10 Grab Water Sample	5600071
Trip Blank Water Sample	5600072

ELECTRONIC	STANTEC International, Inc.	Attn: Chad Vowell
COPY TO		
ELECTRONIC	STANTEC International, Inc.	Attn: Steve Bell
COPY TO		

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

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Valerie L. Tomayko".

Valerie L. Tomayko
Group Leader

Lancaster Laboratories Sample No. **WW5600043**

Group No. **1132228**
**MW-15 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/09/2009 11:10

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0508	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	5,250	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,370	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	6.1	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.7	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.2	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/18/2009 16:37	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:39	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:39	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:39	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:39	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:39	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:39	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:39	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 00:36	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 00:36	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5600043

Group No. 1132228

MW-15 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 11:10 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. **WW5600044**

Group No. **1132228**
**MW-16 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/09/2009 11:50

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0423	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.138	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	3,790	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,830	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	1.3	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.6	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.2	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT				Analysis		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/18/2009 16:38	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:43	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:43	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:43	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:43	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:43	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:43	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:43	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 01:00	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 01:00	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5600044

Group No. 1132228

MW-16 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 11:50 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600045

Group No. 1132228

MW-13 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 13:43

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result		Limit of Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020		0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0286		0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200		0.0200	mg/l	1
07046	Barium	7440-39-3	3.31		0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050		0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150		0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150		0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050		0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,170		120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	374		40.0	mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	5.5		1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0		1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.3		1.0	ug/l	1
00779	Total Xylenes	1330-20-7	4.6		3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:39	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:47	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:47	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:47	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:47	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:47	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:47	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:47	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/19/2009 15:25	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/19/2009 15:25	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600045

Group No. 1132228

MW-13 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 13:43 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600046

Group No. 1132228

MW-14 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 14:25

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0612	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,280	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	421	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	< 1.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	2.4	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:41	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:50	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:50	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:50	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:50	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:50	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:50	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:50	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 01:49	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 01:49	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5600046

Group No. 1132228

MW-14 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 14:25 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. WW5600047

Group No. 1132228

MW-31 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 15:10

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0539	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	8.65	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,400	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	454	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,700	20	ug/l	20
00777	Toluene	108-88-3	1.9	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	330	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	6.7	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/18/2009 16:43	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:54	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:54	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:54	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:54	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:54	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:54	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:54	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/17/2009 23:48	Carrie E Youtzy	1
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 11:00	Carrie E Youtzy	20



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Lancaster Laboratories Sample No. WW5600047

Group No. 1132228

MW-31 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 15:10 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

01146	GC VOA Water Prep	SW-846 5030B
01146	GC VOA Water Prep	SW-846 5030B
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/17/2009 23:48	Carrie E Youtzy	1
2	02/18/2009 11:00	Carrie E Youtzy	20
1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600048

Group No. 1132228

MW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 15:50

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0615	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	685	60.0		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	110	40.0		mg/l	20
08213	BTEX (8021)						
00776	Benzene	71-43-2	98	1.0		ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	31	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:44	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 01:57	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 01:57	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 01:57	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 01:57	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 01:57	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 01:57	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 01:57	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 09:35	Carrie E Youtzy	1
01146	GC VOA Water Prep	SW-846 5030B	2	02/18/2009 09:35	Carrie E Youtzy	1



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Lancaster Laboratories Sample No. WW5600048

Group No. 1132228

MW-3 Grab Water Sample
Eunice South Gas Plant

Collected: 02/09/2009 15:50 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600049

Group No. 1132228

TMW-1 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 10:25

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0585	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	1.20	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	3,620	600		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,840	200		mg/l	100
08213	BTEX (8021)						
00776	Benzene	71-43-2	18	1.0		ug/l	1
00777	Toluene	108-88-3	1.8	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	9.7	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	3.7	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:45	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:01	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:01	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:01	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:01	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:01	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:01	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:01	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 00:36	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 00:36	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600049

Group No. 1132228

TMW-1 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 10:25 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. **WW5600050**

Group No. **1132228**
**MWD-11 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/10/2009 11:15 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0906	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	4,670	600		mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,640	200		mg/l	100
08213	BTEX (8021)						
00776	Benzene	71-43-2	13	1.0		ug/l	1
00777	Toluene	108-88-3	3.8	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	6.6	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:47	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:04	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:04	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:04	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:04	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:04	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:04	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:04	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 08:59	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 08:59	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600050

Group No. 1132228

MWD-11 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 11:15 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600051

Group No. 1132228

MWD-8 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 13:03

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.0733	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	18,400	2,400		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	9,390	800		mg/l	400
08213	BTEX (8021)						
00776	Benzene	71-43-2	7.0	1.0		ug/l	1
00777	Toluene	108-88-3	1.4	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	4.8	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:50	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:08	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:08	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:08	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:08	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:08	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:08	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:08	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 09:45	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 09:45	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600051

Group No. 1132228

MWD-8 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 13:03 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600052

Group No. 1132228

MW-18 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 13:45

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0762	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	4,880	600	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	2,570	200	mg/l	100
08213	BTEX (8021)					
00776	Benzene	71-43-2	4.0	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	4.2	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:51	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:19	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:19	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:19	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:19	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:19	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:19	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:19	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	100
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 01:22	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 01:22	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600052

Group No. 1132228

MW-18 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 13:45 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600053

Group No. 1132228

MWD-2 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 14:47

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT			As Received			
No.	Analysis Name	CAS Number	As Received Result	Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0821	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	0.0219	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	31,100	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	14,500	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	6.2	1.0	ug/l	1
00777	Toluene	108-88-3	1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.6	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:53	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:23	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:23	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:23	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:23	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:23	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:23	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:23	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 02:53	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 02:53	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600053

Group No. 1132228

MWD-2 Grab Water Sample
Eunice South Gas Plant

Collected: 02/10/2009 14:47 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600054

Group No. 1132228

MW-4 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 10:05

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			As Received Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0207	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0562	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	9,220	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,190	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	5.9	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	4.7	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:54	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:26	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:26	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:26	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:26	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:26	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:26	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:26	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 13:34	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 13:34	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600054

Group No. 1132228

MW-4 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 10:05 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. **WW5600055**

Group No. **1132228**
**MWD-1 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/11/2009 10:47 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0263	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0429	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	19,600	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	10,500	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	3.7	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.1	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/18/2009 16:55	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:30	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:30	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:30	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:30	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:30	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:30	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:30	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 04:24	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 04:24	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600055

Group No. 1132228

MWD-1 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 10:47 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/16/2009 20:00	Annamaria Stipkovits	1
1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. **WW5600056**

Group No. **1132228**
**MW-17 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/11/2009 11:25 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0468	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	8,240	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,160	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	4.5	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	4.2	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:56	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:33	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:33	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:33	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:33	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:33	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:33	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:33	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/20/2009 15:25	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 05:10	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 05:10	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600056

Group No. 1132228

MW-17 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 11:25 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600057

Group No. 1132228

MWD-7 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 13:25 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0326	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	14,700	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	7,940	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	2.3	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	2.8	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/18/2009 16:57	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:37	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:37	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:37	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:37	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:37	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:37	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:37	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 05:56	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 05:56	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600057

Group No. 1132228

MWD-7 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 13:25 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1



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Lancaster Laboratories Sample No. WW5600058

Group No. 1132228

MW-23 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 14:05

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0524	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0938	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	21,000	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	12,100	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	3.1	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	2.7	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
00259	Mercury	SW-846 7470A	1	02/18/2009 16:59	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/18/2009 02:41	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/18/2009 02:41	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/18/2009 02:41	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/18/2009 02:41	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/18/2009 02:41	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/18/2009 02:41	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/18/2009 02:41	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/16/2009 10:30	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 06:42	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 06:42	Jennifer B Werner	1



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Lancaster Laboratories Sample No. WW5600058

Group No. 1132228

MW-23 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 14:05 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/16/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 09:48	Julie A Slaughenhaupt	1

Lancaster Laboratories Sample No. **WW5600059**

Group No. **1132228**
**MWD-9 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/11/2009 14:00

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

STANTEC International, Inc.

Reported: 02/24/2009 at 16:45

10235 W. Little York

Discard: 03/27/2009

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.100	0.100	mg/l	5
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0765	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0750	0.0750	mg/l	5
07066	Silver	7440-22-4	< 0.0250	0.0250	mg/l	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.						
00212	Total Dissolved Solids	n.a.	39,300	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	22,700	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	10	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	1.4	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/20/2009 09:04	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/23/2009 22:32	John P Hook	5
07036	Selenium	SW-846 6010B	1	02/17/2009 22:33	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 22:33	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 22:33	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 22:33	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 22:32	John P Hook	5
07066	Silver	SW-846 6010B	1	02/23/2009 22:32	John P Hook	5
00212	Total Dissolved Solids	SM20 2540 C	1	02/17/2009 09:02	Hannah M Royer	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	1000



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Lancaster Laboratories Sample No. WW5600059

Group No. 1132228

MWD-9 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 14:00 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 07:27	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 07:27	Jennifer B Werner	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. WW5600060

Group No. 1132228

MWD-3 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 14:40 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.100	0.100	mg/l	5
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.461	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0250	0.0250	mg/l	5
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0750	0.0750	mg/l	5
07066	Silver	7440-22-4	< 0.0250	0.0250	mg/l	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.						
00212	Total Dissolved Solids	n.a.	82,200	12,000	mg/l	50
01124	Chloride (titrimetric)	16887-00-6	48,100	10,000	mg/l	5000
08213	BTEX (8021)					
00776	Benzene	71-43-2	4,100	20	ug/l	20
00777	Toluene	108-88-3	< 20	20	ug/l	20
00778	Ethylbenzene	100-41-4	160	20	ug/l	20
00779	Total Xylenes	1330-20-7	87	60	ug/l	20

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/20/2009 09:05	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/19/2009 04:10	John W Yanzuk II	5
07036	Selenium	SW-846 6010B	1	02/17/2009 22:36	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 22:36	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/19/2009 04:10	John W Yanzuk II	5
07051	Chromium	SW-846 6010B	1	02/21/2009 02:05	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	02/23/2009 22:36	John P Hook	5
07066	Silver	SW-846 6010B	1	02/19/2009 04:10	John W Yanzuk II	5
00212	Total Dissolved Solids	SM20 2540 C	1	02/17/2009 09:02	Hannah M Royer	50
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	5000



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Lancaster Laboratories Sample No. WW5600060

Group No. 1132228

MWD-3 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 14:40 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 08:13	Jennifer B Werner	20
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 08:13	Jennifer B Werner	20
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	2	02/19/2009 19:15	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1



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Lancaster Laboratories Sample No. WW5600061

Group No. 1132228

MW-22 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 15:00

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0508	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.542	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	9,840	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	6,400	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	2,700	10	ug/l	10
00777	Toluene	108-88-3	< 10	10	ug/l	10
00778	Ethylbenzene	100-41-4	66	10	ug/l	10
00779	Total Xylenes	1330-20-7	43	30	ug/l	10

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/20/2009 09:06	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/17/2009 22:47	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/17/2009 22:47	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 22:47	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 22:47	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 22:47	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 22:46	John P Hook	1



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Lancaster Laboratories Sample No. WW5600061

Group No. 1132228

MW-22 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 15:00 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07066	Silver	SW-846 6010B	1	02/17/2009 22:47	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 03:31	Marie D John	10
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 03:31	Marie D John	10
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. WW5600062

Group No. 1132228

RW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 14:55

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0252	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.505	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0750	0.0750	mg/l	5
07066	Silver	7440-22-4	< 0.0250	0.0250	mg/l	5
The quantitation limits for silver and lead were raised due to the nature of the sample matrix.						
00212	Total Dissolved Solids	n.a.	44,800	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	26,700	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	15	1.0	ug/l	1
00777	Toluene	108-88-3	4.9	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	4.8	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	7.4	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/20/2009 09:07	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/17/2009 22:51	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/17/2009 22:51	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 22:51	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 22:51	John P Hook	1



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Lancaster Laboratories Sample No. WW5600062

Group No. 1132228

RW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 14:55 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07051	Chromium	SW-846 6010B	1	02/17/2009 22:51	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 22:50	John P Hook	5
07066	Silver	SW-846 6010B	1	02/23/2009 22:50	John P Hook	5
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	02/18/2009 15:43	K. Robert Caulfeild-James	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/18/2009 15:43	K. Robert Caulfeild-James	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. **WW5600063**

Group No. **1132228**
**MWD-17 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/12/2009 11:13 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.471	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.366	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0750	0.0750	mg/l	5
07066	Silver	7440-22-4	< 0.0250	0.0250	mg/l	5
The quantitation limit for silver was raised due to the nature of the sample matrix.						
00212	Total Dissolved Solids	n.a.	62,500	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	34,400	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	2,400	10	ug/l	10
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	34	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	22	15	ug/l	5

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/20/2009 09:08	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/17/2009 22:54	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/17/2009 22:54	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 22:54	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 22:54	John P Hook	1



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Lancaster Laboratories Sample No. WW5600063

Group No. 1132228

MWD-17 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 11:13 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
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07051	Chromium	SW-846 6010B	1	02/21/2009 02:27	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	02/23/2009 22:54	John P Hook	5
07066	Silver	SW-846 6010B	1	02/19/2009 04:28	John W Yanzuk II	5
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 04:17	Marie D John	10
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 19:30	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 04:17	Marie D John	10
01146	GC VOA Water Prep	SW-846 5030B	2	02/20/2009 19:30	Marie D John	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	2	02/19/2009 19:15	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1



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Lancaster Laboratories Sample No. WW5600064

Group No. 1132228

RW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 11:35

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of	Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020	0.00020		mg/l	1
07035	Arsenic	7440-38-2	0.0216	0.0200		mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200		mg/l	1
07046	Barium	7440-39-3	0.311	0.0050		mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050		mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150		mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150		mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050		mg/l	1
00212	Total Dissolved Solids	n.a.	22,900	2,400		mg/l	10
01124	Chloride (titrimetric)	16887-00-6	12,100	800		mg/l	400
08213	BTEX (8021)						
00776	Benzene	71-43-2	95	1.0		ug/l	1
00777	Toluene	108-88-3	5.0	1.0		ug/l	1
00778	Ethylbenzene	100-41-4	19	1.0		ug/l	1
00779	Total Xylenes	1330-20-7	220	3.0		ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/20/2009 09:09	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/17/2009 22:58	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/17/2009 22:58	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 22:58	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 22:58	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 22:58	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 22:57	John P Hook	1
07066	Silver	SW-846 6010B	1	02/19/2009 04:33	John W Yanzuk II	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 01:14	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 01:14	Marie D John	1



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Lancaster Laboratories Sample No. WW5600064

Group No. 1132228

RW-8 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 11:35 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
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Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. **WW5600065**

Group No. **1132228**
**MWD-15 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/12/2009 12:03

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0540	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.647	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	37,000	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	20,800	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	440	5.0	ug/l	5
00777	Toluene	108-88-3	1.4	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	210	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	56	3.0	ug/l	1

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT				Analysis		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/20/2009 09:16	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/19/2009 03:26	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	02/17/2009 22:11	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 22:11	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 22:11	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 22:11	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 22:10	John P Hook	1



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Lancaster Laboratories Sample No. WW5600065

Group No. 1132228

MWD-15 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 12:03 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07066	Silver	SW-846 6010B	1	02/17/2009 22:11	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 05:03	Marie D John	5
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 20:15	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 05:03	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	2	02/20/2009 20:15	Marie D John	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1



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Lancaster Laboratories Sample No. WW5600066

Group No. 1132228

MWD-14 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 13:55

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0589	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.191	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	18,500	2,400	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	9,170	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	1,400	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	16	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	< 15	15	ug/l	5

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/20/2009 09:17	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/17/2009 23:01	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/17/2009 23:01	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 23:01	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 23:01	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 23:01	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 23:01	John P Hook	1



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Lancaster Laboratories Sample No. WW5600066

Group No. 1132228

MWD-14 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 13:55 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
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Houston TX 77040

07066	Silver	SW-846 6010B	1	02/17/2009 23:01	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 05:48	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 05:48	Marie D John	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. **WW5600067**

Group No. **1132228**
**DUP #3 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/12/2009 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0606	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.618	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	37,000	6,000	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	20,400	2,000	mg/l	1000
08213	BTEX (8021)					
00776	Benzene	71-43-2	420	5.0	ug/l	5
00777	Toluene	108-88-3	1.4	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	210	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	55	3.0	ug/l	1

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/20/2009 09:18	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/19/2009 04:46	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	02/17/2009 23:05	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 23:05	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 23:05	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 23:05	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 23:05	John P Hook	1



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Lancaster Laboratories Sample No. WW5600067

Group No. 1132228

DUP #3 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07066	Silver	SW-846 6010B	1	02/23/2009 23:05	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	1000
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 06:34	Marie D John	5
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 21:01	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 06:34	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	2	02/20/2009 21:01	Marie D John	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1



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Lancaster Laboratories Sample No. **WW5600068**

Group No. **1132228**

DUP #2 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT			As Received			
No.	Analysis Name	CAS Number	As Received Result	Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	< 0.0200	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.0593	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	9,800	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,900	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	5.9	1.0	ug/l	1
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	4.8	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	< 3.0	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	02/20/2009 09:19		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/17/2009 23:08		John P Hook	1
07036	Selenium	SW-846 6010B	1	02/17/2009 23:08		John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 23:08		John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 23:08		John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 23:08		John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 23:09		John P Hook	1
07066	Silver	SW-846 6010B	1	02/17/2009 23:08		John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35		Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20		Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 02:00		Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 02:00		Marie D John	1



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Lancaster Laboratories Sample No. **WW5600068**

Group No. **1132228**

DUP #2 Grab Water Sample
Eunice South Gas Plant

Collected: 02/11/2009 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

STANTEC International, Inc.
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05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/17/2009 08:00	Suzette L Lehman	1
1	02/16/2009 08:00	Suzette L Lehman	1



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Lancaster Laboratories Sample No. WW5600069

Group No. 1132228

MWD-16 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 14:45

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:45

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result	Limit of Quantitation	Units		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l		1
07035	Arsenic	7440-38-2	0.0376	0.0200	mg/l		1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l		1
07046	Barium	7440-39-3	0.833	0.0050	mg/l		1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l		1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l		1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l		1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l		1
00212	Total Dissolved Solids	n.a.	16,500	2,400	mg/l		10
01124	Chloride (titrimetric)	16887-00-6	8,080	800	mg/l		400
08213	BTEX (8021)						
00776	Benzene	71-43-2	770	5.0	ug/l		5
00777	Toluene	108-88-3	1.6	1.0	ug/l		1
00778	Ethylbenzene	100-41-4	300	1.0	ug/l		1
00779	Total Xylenes	1330-20-7	170	3.0	ug/l		1

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/20/2009 09:20	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/17/2009 23:12	John P Hook	1
07036	Selenium	SW-846 6010B	1	02/17/2009 23:12	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 23:12	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 23:12	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/17/2009 23:12	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 23:12	John P Hook	1



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Lancaster Laboratories Sample No. WW5600069

Group No. 1132228

MWD-16 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 14:45 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:45
Discard: 03/27/2009

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07066	Silver	SW-846 6010B	1	02/17/2009 23:12	John P Hook	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 07:19	Marie D John	5
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 21:47	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 07:19	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	2	02/20/2009 21:47	Marie D John	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1



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Lancaster Laboratories Sample No. WW5600070

Group No. 1132228

RW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 14:20

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:46

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Limit of Quantitation		
00259	Mercury	7439-97-6	0.0155	0.0010	mg/l	5
07035	Arsenic	7440-38-2	< 0.100	0.100	mg/l	5
07036	Selenium	7782-49-2	< 0.100	0.100	mg/l	5
07046	Barium	7440-39-3	0.0679	0.0250	mg/l	5
07049	Cadmium	7440-43-9	< 0.0250	0.0250	mg/l	5
07051	Chromium	7440-47-3	0.0278	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0750	0.0750	mg/l	5
07066	Silver	7440-22-4	< 0.0250	0.0250	mg/l	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.						
00212	Total Dissolved Solids	n.a.	115,000	12,000	mg/l	50
01124	Chloride (titrimetric)	16887-00-6	46,900	10,000	mg/l	5000
08213	BTEX (8021)					
00776	Benzene	71-43-2	13	1.0	ug/l	1
00777	Toluene	108-88-3	5.3	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	3.7	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	3.4	3.0	ug/l	1

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/20/2009 10:24	Damary Valentin	5
07035	Arsenic	SW-846 6010B	1	02/19/2009 05:07	John W Yanzuk II	5
07036	Selenium	SW-846 6010B	1	02/19/2009 05:07	John W Yanzuk II	5
07046	Barium	SW-846 6010B	1	02/19/2009 05:07	John W Yanzuk II	5
07049	Cadmium	SW-846 6010B	1	02/19/2009 05:07	John W Yanzuk II	5
07051	Chromium	SW-846 6010B	1	02/23/2009 20:55	John P Hook	1
07055	Lead	SW-846 6010B	1	02/23/2009 23:16	John P Hook	5
07066	Silver	SW-846 6010B	1	02/19/2009 05:07	John W Yanzuk II	5
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	50
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	5000



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Lancaster Laboratories Sample No. WW5600070

Group No. 1132228

RW-7 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 14:20 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:46
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
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Houston TX 77040

08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 02:46	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 02:46	Marie D John	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	2	02/19/2009 19:15	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. **WW5600071**

Group No. **1132228**
**MWD-10 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/12/2009 15:40

by SB

Account Number: 11842

Submitted: 02/13/2009 09:15

Reported: 02/24/2009 at 16:46

Discard: 03/27/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0866	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.625	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	11,600	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	6,130	800	mg/l	400
08213	BTEX (8021)					
00776	Benzene	71-43-2	700	5.0	ug/l	5
00777	Toluene	108-88-3	< 1.0	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	100	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	18	3.0	ug/l	1

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/20/2009 09:23	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/19/2009 05:12	John W Yanzuk II	1
07036	Selenium	SW-846 6010B	1	02/17/2009 23:19	John P Hook	1
07046	Barium	SW-846 6010B	1	02/17/2009 23:19	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/17/2009 23:19	John P Hook	1
07051	Chromium	SW-846 6010B	1	02/21/2009 02:41	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	02/23/2009 23:20	John P Hook	1



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Lancaster Laboratories Sample No. WW5600071

Group No. 1132228

MWD-10 Grab Water Sample
Eunice South Gas Plant

Collected: 02/12/2009 15:40 by SB

Account Number: 11842

Submitted: 02/13/2009 09:15
Reported: 02/24/2009 at 16:46
Discard: 03/27/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07066	Silver	SW-846 6010B	1	02/19/2009 05:12	John W Yanzuk II	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/18/2009 13:35	Susan A Engle	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 06:20	Susan A Engle	400
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 09:36	Marie D John	5
08213	BTEX (8021)	SW-846 8021B	1	02/20/2009 22:33	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2009 09:36	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	2	02/20/2009 22:33	Marie D John	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/17/2009 08:00	Suzette L Lehman	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	2	02/19/2009 19:15	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/16/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. WW5600072

Group No. 1132228

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 02/09/2009

Account Number: 11842

Submitted: 02/13/2009 09:15

STANTEC International, Inc.

Reported: 02/24/2009 at 16:46

10235 W. Little York

Discard: 03/27/2009

Ste 400

Houston TX 77040

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis Trial#	Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	02/17/2009 18:29	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/17/2009 18:29	Jennifer B Werner	1

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 02/24/09 at 04:46 PM

Group Number: 1132228

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09047021202A Total Dissolved Solids	Sample number(s): 5600043-5600058 < 30.0	30.0	mg/l	97		80-120		
Batch number: 090475705003 Arsenic	Sample number(s): 5600043-5600058 < 0.0200	0.0200	mg/l	103		90-119		
Selenium	< 0.0200	0.0200	mg/l	107		80-120		
Barium	< 0.0050	0.0050	mg/l	97		90-110		
Cadmium	< 0.0050	0.0050	mg/l	99		90-112		
Chromium	< 0.0150	0.0150	mg/l	99		90-110		
Lead	< 0.0150	0.0150	mg/l	96		90-113		
Silver	< 0.0050	0.0050	mg/l	92		90-118		
Batch number: 090475705006 Arsenic	Sample number(s): 5600059-5600071 < 0.0200	0.0200	mg/l	107		90-119		
Selenium	< 0.0200	0.0200	mg/l	104		80-120		
Barium	< 0.0050	0.0050	mg/l	109		90-110		
Cadmium	< 0.0050	0.0050	mg/l	112		90-112		
Chromium	< 0.0150	0.0150	mg/l	114*		90-110		
Lead	< 0.0150	0.0150	mg/l	104		90-113		
Silver	< 0.0050	0.0050	mg/l	111		90-118		
Batch number: 090475713004 Mercury	Sample number(s): 5600043-5600058 < 0.00020	0.00020	mg/l	108		80-120		
Batch number: 090475713007 Mercury	Sample number(s): 5600059-5600071 < 0.00020	0.00020	mg/l	105		80-120		
Batch number: 09048021201A Total Dissolved Solids	Sample number(s): 5600059-5600060 < 30.0	30.0	mg/l	112		80-120		
Batch number: 09048A13A Benzene	Sample number(s): 5600049-5600060, 5600072 < 0.5	0.5	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Ethylbenzene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	112	113	80-120	1	30
Batch number: 09048A53A Benzene	Sample number(s): 5600043-5600044, 5600046-5600048 < 1.0	1.0	ug/l	105	109	80-120	3	30
Toluene	< 1.0	1.0	ug/l	106	109	80-120	3	30
Ethylbenzene	< 1.0	1.0	ug/l	105	109	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	107	111	80-120	4	30
Batch number: 09049021202A Total Dissolved Solids	Sample number(s): 5600061-5600071 < 30.0	30.0	mg/l	97		80-120		

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.

Group Number: 1132228

Reported: 02/24/09 at 04:46 PM

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09049A13A	Sample number(s): 5600045							
Benzene	< 0.5	0.5	ug/l	105	115	80-120	9	30
Toluene	< 1.0	1.0	ug/l	105	115	80-120	9	30
Ethylbenzene	< 1.0	1.0	ug/l	110	120	80-120	9	30
Total Xylenes	< 3.0	3.0	ug/l	110	118	80-120	7	30
Batch number: 09049A54A	Sample number(s): 5600062							
Benzene	< 1.0	1.0	ug/l	107	115	80-120	7	30
Toluene	< 1.0	1.0	ug/l	107	116	80-120	7	30
Ethylbenzene	< 1.0	1.0	ug/l	106	115	80-120	8	30
Total Xylenes	< 3.0	3.0	ug/l	109	118	80-120	8	30
Batch number: 090505705001	Sample number(s): 5600060, 5600063, 5600070-5600071							
Chromium	< 0.0150	0.0150	mg/l	101		90-110		
Batch number: 09050A13A	Sample number(s): 5600061, 5600063-5600071							
Benzene	< 0.5	0.5	ug/l	100	105	80-120	5	30
Toluene	< 1.0	1.0	ug/l	100	105	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	100	105	80-120	5	30
Total Xylenes	< 3.0	3.0	ug/l	102	107	80-120	5	30
Batch number: 09050A13B	Sample number(s): 5600063, 5600065, 5600067, 5600069, 5600071							
Toluene	< 1.0	1.0	ug/l	100	105	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	100	105	80-120	5	30
Total Xylenes	< 3.0	3.0	ug/l	102	107	80-120	5	30
Batch number: 09051112402A	Sample number(s): 5600043-5600056							
Chloride (titrimetric)				98		96-102		
Batch number: 09054112401A	Sample number(s): 5600057-5600071							
Chloride (titrimetric)				97		96-102		

Sample Matrix Quality Control

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

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 09047021202A	Sample number(s): 5600043-5600058 UNSPK: P600038 BKG: P600038								
Total Dissolved Solids	98	100	54-143	1	12	822	842	2	9
Batch number: 090475705003	Sample number(s): 5600043-5600058 UNSPK: P600039 BKG: P600039								
Arsenic	106	107	75-125	1	20	< 0.0200	0.0319	47* (1)	20
Selenium	100	109	75-125	9	20	< 0.0200	< 0.0200	0 (1)	20
Barium	145 (2)	101 (2)	78-118	5	20	16.0	16.6	4	20
Cadmium	99	97	83-116	2	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	100	101	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Lead	97	100	75-125	3	20	< 0.0150	< 0.0150	0 (1)	20
Silver	96	93	75-125	2	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 090475705006	Sample number(s): 5600059-5600071 UNSPK: 5600065 BKG: 5600065								

*- Outside of specification

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

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

Quality Control Summary

Client Name: STANTEC International, Inc.

Group Number: 1132228

Reported: 02/24/09 at 04:46 PM

Sample Matrix Quality Control

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

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Arsenic	111	132*	75-125	13	20	0.0540	0.0562	4 (1)
Selenium	110	104	75-125	5	20	< 0.0200	< 0.0200	0 (1)
Barium	95	102	78-118	5	20	0.647	0.639	1
Cadmium	91	98	83-116	7	20	< 0.0050	< 0.0050	0 (1)
Chromium	104	110	81-120	6	20	< 0.0150	< 0.0150	200* (1)
Lead	97	93	75-125	5	20	< 0.0150	< 0.0150	0 (1)
Silver	120	145*	75-125	19	20	< 0.0050	< 0.0050	0 (1)
Batch number: 090475713004	Sample number(s): 5600043-5600058 UNSPK: P600038 BKG: P600038							
Mercury	96	94	80-120	2	20	< 0.00020	< 0.00020	0 (1)
Batch number: 090475713007	Sample number(s): 5600059-5600071 UNSPK: 5600064 BKG: 5600064							
Mercury	23*	8*	80-120	99*	20	< 0.00020	< 0.00020	0 (1)
Batch number: 09048021201A	Sample number(s): 5600059-5600060 UNSPK: P599063 BKG: P599063							
Total Dissolved Solids	106	108	54-143	1	12	395	397	0
Batch number: 09048A13A	Sample number(s): 5600049-5600060,5600072 UNSPK: 5600049							
Benzene	120		70-152					
Toluene	121		78-129					
Ethylbenzene	122		75-133					
Total Xylenes	121		67-155					
Batch number: 09048A53A	Sample number(s): 5600043-5600044,5600046-5600048 UNSPK: P600723							
Benzene	112		70-152					
Toluene	111		78-129					
Ethylbenzene	112		75-133					
Total Xylenes	113		67-155					
Batch number: 09049021202A	Sample number(s): 5600061-5600071 UNSPK: P600036 BKG: P600036							
Total Dissolved Solids	92	92	54-143	0	12	1,830	1,810	1
Batch number: 09049A13A	Sample number(s): 5600045 UNSPK: P601450							
Benzene	115		70-152					
Toluene	114		78-129					
Ethylbenzene	114		75-133					
Total Xylenes	114		67-155					
Batch number: 090505705001	Sample number(s): 5600060,5600063,5600070-5600071 UNSPK: 5600060 BKG: 5600060							
Chromium	99	96	81-120	3	20	< 0.0150	< 0.0150	2 (1)
Batch number: 09050A13A	Sample number(s): 5600061,5600063-5600071 UNSPK: P600960							
Benzene	110		70-152					
Toluene	110		78-129					
Ethylbenzene	110		75-133					
Total Xylenes	108		67-155					
Batch number: 09050A13B	Sample number(s): 5600063,5600065,5600067,5600069,5600071 UNSPK: P600960							
Toluene	110		78-129					
Ethylbenzene	110		75-133					
Total Xylenes	108		67-155					
Batch number: 09051112402A	Sample number(s): 5600043-5600056 UNSPK: 5600048 BKG: 5600048							

*- Outside of specification

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

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 02/24/09 at 04:46 PM

Group Number: 1132228

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Chloride (titrimetric)	95	97	91-105	1	2	110	109	1 (1)	5
Batch number: 09054112401A	Sample number(s): 5600057-5600071 UNSPK: P600475 BKG: P600475								
Chloride (titrimetric)	78*	77*	91-105	1	2	14.0	13.7	2	5

Surrogate Quality Control

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

Analysis Name: BTEX (8021)
Batch number: 09048A13A
Trifluorotoluene-P

5600049	121
5600050	117
5600051	123
5600052	120
5600053	122
5600054	118
5600055	119
5600056	120
5600057	119
5600058	123
5600059	127
5600060	118
5600072	118
Blank	117
LCS	116
LCSD	118
MS	118

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 09048A53A
Trifluorotoluene-P

5600043	89
5600044	89
5600046	88
5600047	130*
5600048	89
Blank	88
LCS	87
LCSD	86
MS	87

Limits: 69-129

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 02/24/09 at 04:46 PM

Group Number: 1132228

Surrogate Quality Control

Analysis Name: BTEX (8021)
Batch number: 09049A13A
Trifluorotoluene-P

5600045	124
Blank	119
LCS	117
LCSD	117
MS	118

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 09049A54A
Trifluorotoluene-P

5600062	132*
Blank	108
LCS	109
LCSD	108

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 09050A13A
Trifluorotoluene-P

5600061	119
5600063	120
5600064	117
5600065	117
5600066	117
5600067	117
5600068	121
5600069	119
5600070	126
5600071	117
Blank	118
LCS	117
LCSD	118
MS	116

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 09050A13B
Trifluorotoluene-P

5600063	118
5600065	113
5600067	114
5600069	117
5600071	116
Blank	118
LCS	117
LCSD	118
MS	116

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 02/24/09 at 04:46 PM

Group Number: 1132228

Surrogate Quality Control

Limits: 69-129

*- Outside of specification

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

Chevron Generic Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Act. #: 11842 Sample #: 5000043-70 SCR#: 47943

008871

Group# 1132228

Facility #: Envia South Gas Plant - 8941149527-08
 Site Address: Envia, New Mexico
 Chevron PM: J. Homer Lead Consultant: B. Goldsby
 Consultant/Office: Schaefer - Houston, TX
 Consultant Proj. Mgr.: Danny Woodward
 Consultant Phone #: 713-437-7973 Fax #: 713-483-8328
 Sampler: SB. JA
 Service Order #: Non SAR: ☐

Sample Identification	Date Collected	Time Collected	Grab	Comp	Soil	Water	Oil <input type="checkbox"/>	Total	BTEX +	8260 full	Lead	VPH/EPH	NWTPH	7	9	Comments / Remarks
MW-17	2-11-09	1125	✓		✓	✓		5	✓					✓	✓	Field Filtered
MWD-7	2-11-09	1325	✓		✓	✓		5	✓					✓	✓	
MW-23	2-11-09	1405	✓		✓	✓		5	✓					✓	✓	
MWD-9	2-11-09	1400	✓		✓	✓		5	✓					✓	✓	
MWD-3	2-11-09	1440	✓		✓	✓		5	✓					✓	✓	
MW-22	2-11-09	1500	✓		✓	✓		5	✓					✓	✓	
RW-6	2-11-09	1455	✓		✓	✓		5	✓					✓	✓	
MWD-17	2-12-09	1113	✓		✓	✓		5	✓					✓	✓	
RW-8	2-12-09	1135	✓		✓	✓		5	✓					✓	✓	
MWD-15	2-12-09	1203	✓		✓	✓		5	✓					✓	✓	
MWD-14	2-12-09	1355	✓		✓	✓		5						✓	✓	
Dup #3	2-12-09	—	✓		✓	✓		5						✓	✓	All Times are Central Time Zone
Dup #2	2-11-09	—	✓		✓	✓		5						✓	✓	

Relinquished by: [Signature] Date: 2-11-09 Time: 0730
 Relinquished by: [Signature] Date: 2-10-09 Time: 1745
 Relinquished by: [Signature] Date: [] Time: []
 Relinquished by Commercial Carrier: [Signature] Date: 2/13/09 Time: 915
 UPS [Signature] Other []
 Temperature Upon Receipt 0.5-2.9 C°
 Custody Seals Intact? [] No []
 Data Package Options (please circle if required)
 QC Summary Type I - Full
 Type VI (Raw Data) Disk / EDD
 WIP (RWQCB) Standard Format
 Disk Other []
 Turnaround Time Requested (TAT) (please circle)
 STD. TAT 24 hour 72 hour 48 hour 5 day
 4 day



Where quality is a science.

Lancaster Laboratories

Acct. #: 11842
Sample #: 5600043-72
For Lancaster Laboratories use only

007971

SCR#

Group # 1132228

Facility #: Enivac South Gas Plant - 8904.49527.08
 Site Address: Enivac, New Mexico
 Chevron PM: J. Homer Lead Consultant: P. Galsky
 Consultant/Office: Stanley - Houston
 Consultant Prj. Mgr.: Danny Woodward
 Consultant Phone #: 713-937-7973 Fax #: 713-983-8328
 Sampler: SP. 5 F
 Service Order #: _____ ☐ Non SAR: _____

Facility #: <u>Envine South Gas Plant - 8904.49527.08</u> Site Address: <u>Envine, New Mexico</u> Chevron PM: <u>J. Homer</u> Lead Consultant: <u>B. Galsky</u> Consultant/Office: <u>Stanlee - Houston</u> Consultant Proj. Mgr.: <u>Danny Woodward</u> Consultant Phone #: <u>713-937-7973</u> Fax #: <u>713-983-8328</u> Sampler: <u>SP. 51</u> Service Order #: _____ Non SAR: <input type="checkbox"/>		Matrix Soil <input type="checkbox"/> Water <input checked="" type="checkbox"/> NPDES <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/>		Total Number of Containers 5		Preservation Codes 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> TPH G <input type="checkbox"/> TPH D <input type="checkbox"/> Extended Rng. <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> Lead Total <input type="checkbox"/> Diss. <input type="checkbox"/> Method <input type="checkbox"/> VPH/EPH <input type="checkbox"/> NWTPH HClID <input type="checkbox"/> quantification <input type="checkbox"/>		Preservative Codes H = HCl T = Thioulate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm MTBE + Naphthalene <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits		Analyses Requested 113222	
Sample Identification MW D-16 RW-7 MW D-10 Trip Blanket		Date Collected 02-12-09 2-12-09 2-12-09		Time Collected 1445 1430 1540		Grab <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>		Composite <input type="checkbox"/>		Comments / Remarks X-Field Filtered	

Turnaround Time Requested (TAT) (please circle)		Relinquished by:		Date	Time	Received by:	Date	Time
STD. TAT	72 hour	48 hour	S. M. M.	3/16/07	12:50			
24 hour	4 day	5 day						
Data Package Options (please circle if required)		Relinquished by:		Date <th>Time</th> <th>Received by:</th> <th>Date</th> <th>Time</th>	Time	Received by:	Date	Time
QC Summary	Type 1 - Full	S. M. M. Bell		5/12/09	1745			
Type VI (Raw Data)	Disk / EDD	Relinquished by:		Date <th>Time</th> <th>Received by:</th> <th>Date</th> <th>Time</th>	Time	Received by:	Date	Time
WIP (RW/QC/B)	Standard Format							
Disk	Other.	Relinquished by:		Date <th>Time</th> <th>Received by:</th> <th>Date</th> <th>Time</th>	Time	Received by:	Date	Time
Temperature Upon Receipt 55.7 °C		Relinquished by Commercial Carrier:				Received by:		Time
		UPS (FedEx) Other				S. M. M. Bell		915
		Custody Seals Intact?				Yes		No

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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ANALYTICAL RESULTS

Prepared for:

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

713-937-7973

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1132811. Samples arrived at the laboratory on Thursday, February 19, 2009. The PO# for this group is 89CH.49527.08 and the release number is EUNICE SOUTH GP.

Client Description

TMW-6 Grab Water Sample
MWD-12 Grab Water Sample
MW-27 Grab Water Sample
MW-26 Grab Water Sample
MW-24 Grab Water Sample
TMW-5 Grab Water Sample
MW-32 Grab Water Sample
Trip Blank Water Sample
DUP#4 Grab Water Sample

Lancaster Labs Number

5603218
5603219
5603220
5603221
5603222
5603223
5603224
5603225
5603226

ELECTRONIC STANTEC International, Inc.
COPY TO
ELECTRONIC STANTEC International, Inc.
COPY TO

Attn: Chad Vowell

Attn: Steve Bell



Analysis Report

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

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

Respectfully Submitted,

Martha L. Seidel

Martha L. Seidel
Senior Chemist

Lancaster Laboratories Sample No. **WW5603218**

Group No. **1132811**
**TMW-6 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/17/2009 11:32 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00

STANTEC International, Inc.

Reported: 03/03/2009 at 10:17

10235 W. Little York

Discard: 04/03/2009

Ste 400

Houston TX 77040

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0724	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	1.02	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,440	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	437	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	3,700	25	ug/l	25
00777	Toluene	108-88-3	< 25	25	ug/l	25
00778	Ethylbenzene	100-41-4	420	25	ug/l	25
00779	Total Xylenes	1330-20-7	210	75	ug/l	25

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT				Analysis		
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/25/2009 18:05	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/24/2009 23:34	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/24/2009 23:34	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/24/2009 23:34	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/24/2009 23:34	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/24/2009 23:34	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/24/2009 23:34	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/24/2009 23:34	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/20/2009 10:17	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 09:30	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/23/2009 22:21	Jennifer B Werner	25
01146	GC VOA Water Prep	SW-846 5030B	1	02/23/2009 22:21	Jennifer B Werner	25



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Lancaster Laboratories Sample No. WW5603218

Group No. 1132811

TMW-6 Grab Water Sample
Eunice South Gas Plant

Collected: 02/17/2009 11:32 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/23/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/23/2009 20:00	Annamaria Stipkovits	1



Analysis Report

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Lancaster Laboratories Sample No. WW5603219

Group No. 1132811

MWD-12 Grab Water Sample
Eunice South Gas Plant

Collected: 02/17/2009 13:05

by SB

Account Number: 11842

Submitted: 02/19/2009 09:00

Reported: 03/03/2009 at 10:17

Discard: 04/03/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received		As Received		Dilution Factor
			Result		Limit of Quantitation	Units	
00259	Mercury	7439-97-6	< 0.00020		0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0534		0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200		0.0200	mg/l	1
07046	Barium	7440-39-3	0.502		0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050		0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150		0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150		0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050		0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	7,480		1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,280		400	mg/l	200
08213	BTEX (8021)						
00776	Benzene	71-43-2	900		5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0		5.0	ug/l	5
00778	Ethylbenzene	100-41-4	69		5.0	ug/l	5
00779	Total Xylenes	1330-20-7	25		15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/25/2009 18:06	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/24/2009 23:38	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/24/2009 23:38	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/24/2009 23:38	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/24/2009 23:38	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/24/2009 23:38	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/24/2009 23:38	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/24/2009 23:38	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/20/2009 10:17	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 09:30	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	02/25/2009 12:38	Jennifer B Werner	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009 12:38	Jennifer B Werner	5



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Lancaster Laboratories Sample No. WW5603219

Group No. 1132811

MWD-12 Grab Water Sample
Eunice South Gas Plant

Collected: 02/17/2009 13:05 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/23/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/23/2009 20:00	Annamaria Stipkovits	1

Lancaster Laboratories Sample No. **WW5603220**

Group No. **1132811**
**MW-27 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/17/2009 13:48

by SB

Account Number: 11842

Submitted: 02/19/2009 09:00

Reported: 03/03/2009 at 10:17

Discard: 04/03/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0408	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.199	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	2,390	240	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	1,000	100	mg/l	50
08213	BTEX (8021)					
00776	Benzene	71-43-2	12,000	50	ug/l	50
00777	Toluene	108-88-3	< 50	50	ug/l	50
00778	Ethylbenzene	100-41-4	1,300	50	ug/l	50
00779	Total Xylenes	1330-20-7	420	150	ug/l	50

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/25/2009 18:07	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/24/2009 23:42	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/24/2009 23:42	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/24/2009 23:42	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/24/2009 23:42	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/24/2009 23:42	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/24/2009 23:42	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	02/24/2009 23:42	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/20/2009 10:17	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 09:30	Susan A Engle	50
08213	BTEX (8021)	SW-846 8021B	1	02/25/2009 13:02	Jennifer B Werner	50
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009 13:02	Jennifer B Werner	50



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Lancaster Laboratories Sample No. WW5603220

Group No. 1132811

MW-27 Grab Water Sample
Eunice South Gas Plant

Collected: 02/17/2009 13:48 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A,
05713	WW SW846 Hg Digest	SW-846 7470A

1	02/23/2009 20:00	Annamaria Stipkovits	1
1	02/23/2009 20:00	Annamaria Stipkovits	1

Lancaster Laboratories Sample No. **WW5603221**

Group No. **1132811**
**MW-26 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/17/2009 14:35 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received	As Received Limit of	Units	Dilution Factor
			Result	Quantitation		
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0442	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	2.53	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,330	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	295	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	6,100	20	ug/l	20
00777	Toluene	108-88-3	< 20	20	ug/l	20
00778	Ethylbenzene	100-41-4	350	20	ug/l	20
00779	Total Xylenes	1330-20-7	78	60	ug/l	20

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00259	Mercury	SW-846 7470A	1	02/25/2009 18:08	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/24/2009 23:45	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	02/24/2009 23:45	Tara L Snyder	1
07046	Barium	SW-846 6010B	1	02/24/2009 23:45	Tara L Snyder	1
07049	Cadmium	SW-846 6010B	1	02/24/2009 23:45	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	02/24/2009 23:45	Tara L Snyder	1
07055	Lead	SW-846 6010B	1	02/24/2009 23:45	Tara L Snyder	1



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Lancaster Laboratories Sample No. WW5603221

Group No. 1132811

MW-26 Grab Water Sample
Eunice South Gas Plant

Collected: 02/17/2009 14:35 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07066	Silver	SW-846 6010B	1	02/24/2009 23:45	Tara L Snyder	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/20/2009 10:17	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 09:30	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/25/2009 13:26	Jennifer B Werner	20
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009 13:26	Jennifer B Werner	20
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/23/2009 20:00	Annamaria Stipkovits	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/23/2009 20:00	Annamaria Stipkovits	1

Lancaster Laboratories Sample No. WW5603222

Group No. 1132811

MW-24 Grab Water Sample
Eunice South Gas Plant

Collected: 02/18/2009 12:15 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0350	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	4.25	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	1,390	120	mg/l	1
01124	Chloride (titrimetric)	16887-00-6	371	40.0	mg/l	20
08213	BTEX (8021)					
00776	Benzene	71-43-2	11,000	50	ug/l	50
00777	Toluene	108-88-3	110	50	ug/l	50
00778	Ethylbenzene	100-41-4	630	50	ug/l	50
00779	Total Xylenes	1330-20-7	610	150	ug/l	50

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/25/2009 18:12	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/25/2009 15:01	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	02/25/2009 15:01	Eric L Eby	1
07046	Barium	SW-846 6010B	1	02/27/2009 20:32	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/25/2009 15:01	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	02/25/2009 15:01	Eric L Eby	1
07055	Lead	SW-846 6010B	1	02/25/2009 15:01	Eric L Eby	1
07066	Silver	SW-846 6010B	1	02/25/2009 15:01	Eric L Eby	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/20/2009 10:17	Susan E Hibner	1
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 09:30	Susan A Engle	20
08213	BTEX (8021)	SW-846 8021B	1	02/25/2009 13:50	Jennifer B Werner	50
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009 13:50	Jennifer B Werner	50



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Lancaster Laboratories Sample No. WW5603222

Group No. 1132811

MW-24 Grab Water Sample
Eunice South Gas Plant

Collected: 02/18/2009 12:15 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/24/2009 07:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/24/2009 08:00	Suzette L Lehman	1

Lancaster Laboratories Sample No. **WW5603223**

Group No. **1132811**
**TMW-5 Grab Water Sample
Eunice South Gas Plant**

Collected: 02/18/2009 14:05

by SB

Account Number: 11842

Submitted: 02/19/2009 09:00

Reported: 03/03/2009 at 10:17

Discard: 04/03/2009

STANTEC International, Inc.

10235 W. Little York

Ste 400

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0669	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.516	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	7,660	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	4,780	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	2,200	20	ug/l	20
00777	Toluene	108-88-3	7.2	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	110	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	41	15	ug/l	5

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/25/2009 18:13	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/25/2009 15:06	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	02/25/2009 15:06	Eric L Eby	1
07046	Barium	SW-846 6010B	1	02/27/2009 20:37	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/25/2009 15:06	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	02/25/2009 15:06	Eric L Eby	1
07055	Lead	SW-846 6010B	1	02/25/2009 15:06	Eric L Eby	1
07066	Silver	SW-846 6010B	1	02/25/2009 15:06	Eric L Eby	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/20/2009 10:17	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 09:30	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	02/24/2009 00:19	Jennifer B Werner	20
08213	BTEX (8021)	SW-846 8021B	1	02/25/2009 14:36	Jennifer B Werner	5



Analysis Report

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Lancaster Laboratories Sample No. WW5603223

Group No. 1132811

TMW-5 Grab Water Sample
Eunice South Gas Plant

Collected: 02/18/2009 14:05 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

01146	GC VOA Water Prep	SW-846 5030B	1	02/24/2009 00:19	Jennifer B Werner	20
01146	GC VOA Water Prep	SW-846 5030B	2	02/25/2009 14:36	Jennifer B Werner	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/24/2009 07:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/24/2009 08:00	Suzette L Lehman	1



Analysis Report

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Lancaster Laboratories Sample No. WW5603224

Group No. 1132811

MW-32 Grab Water Sample
Eunice South Gas Plant

Collected: 02/18/2009 15:00 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
08213	BTEX (8021)					
00776	Benzene	71-43-2	170	1.0	ug/l	1
00777	Toluene	108-88-3	4.4	1.0	ug/l	1
00778	Ethylbenzene	100-41-4	50	1.0	ug/l	1
00779	Total Xylenes	1330-20-7	32	3.0	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	02/24/2009 00:42	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/24/2009 00:42	Jennifer B Werner	1



Analysis Report

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Lancaster Laboratories Sample No. WW5603225

Group No. 1132811

Trip Blank Water Sample
Eunice South Gas Plant

Collected: 02/17/2009

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

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

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	02/23/2009 17:40	Jennifer B Werner	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/23/2009 17:40	Jennifer B Werner	1

Lancaster Laboratories Sample No. WW5603226

Group No. 1132811

DUP#4 Grab Water Sample
Eunice South Gas Plant

Collected: 02/17/2009 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Units	Dilution Factor
00259	Mercury	7439-97-6	< 0.00020	0.00020	mg/l	1
07035	Arsenic	7440-38-2	0.0554	0.0200	mg/l	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	mg/l	1
07046	Barium	7440-39-3	0.509	0.0050	mg/l	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	mg/l	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	mg/l	1
07055	Lead	7439-92-1	< 0.0150	0.0150	mg/l	1
07066	Silver	7440-22-4	< 0.0050	0.0050	mg/l	1
00212	Total Dissolved Solids	n.a.	8,480	1,200	mg/l	10
01124	Chloride (titrimetric)	16887-00-6	5,190	400	mg/l	200
08213	BTEX (8021)					
00776	Benzene	71-43-2	880	5.0	ug/l	5
00777	Toluene	108-88-3	< 5.0	5.0	ug/l	5
00778	Ethylbenzene	100-41-4	68	5.0	ug/l	5
00779	Total Xylenes	1330-20-7	22	15	ug/l	5

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

This sample was field filtered for dissolved metals.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	02/25/2009 18:15	Nelli S Markaryan	1
07035	Arsenic	SW-846 6010B	1	02/25/2009 15:20	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	02/25/2009 15:20	Eric L Eby	1
07046	Barium	SW-846 6010B	1	02/27/2009 20:41	John P Hook	1
07049	Cadmium	SW-846 6010B	1	02/25/2009 15:20	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	02/25/2009 15:20	Eric L Eby	1
07055	Lead	SW-846 6010B	1	02/25/2009 15:20	Eric L Eby	1



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Lancaster Laboratories Sample No. WW5603226

Group No. 1132811

DUP#4 Grab Water Sample
Eunice South Gas Plant

Collected: 02/17/2009 by SB

Account Number: 11842

Submitted: 02/19/2009 09:00
Reported: 03/03/2009 at 10:17
Discard: 04/03/2009

STANTEC International, Inc.
10235 W. Little York
Ste 400
Houston TX 77040

07066	Silver	SW-846 6010B	1	02/25/2009 15:20	Eric L Eby	1
00212	Total Dissolved Solids	SM20 2540 C	1	02/20/2009 10:17	Susan E Hibner	10
01124	Chloride (titrimetric)	EPA 325.3	1	02/23/2009 09:30	Susan A Engle	200
08213	BTEX (8021)	SW-846 8021B	1	02/25/2009 14:13	Jennifer B Werner	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009 14:13	Jennifer B Werner	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	02/24/2009 07:00	Suzette L Lehman	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/24/2009 08:00	Suzette L Lehman	1

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 03/03/09 at 10:17 AM

Group Number: 1132811

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 09051021201A	Sample number(s): 5603218-5603223,5603226							
Total Dissolved Solids	< 30.0	30.0	mg/l	93		80-120		
Batch number: 090515705002	Sample number(s): 5603218-5603221							
Arsenic	< 0.0200	0.0200	mg/l	100		90-119		
Selenium	< 0.0200	0.0200	mg/l	100		80-120		
Barium	< 0.0050	0.0050	mg/l	93		90-110		
Cadmium	< 0.0050	0.0050	mg/l	96		90-112		
Chromium	< 0.0150	0.0150	mg/l	97		90-110		
Lead	< 0.0150	0.0150	mg/l	99		90-113		
Silver	< 0.0050	0.0050	mg/l	94		90-118		
Batch number: 090515713003	Sample number(s): 5603218-5603221							
Mercury	< 0.00020	0.00020	mg/l	99		80-120		
Batch number: 09054112402A	Sample number(s): 5603218-5603223,5603226							
Chloride (titrimetric)				98		96-102		
Batch number: 090545705002	Sample number(s): 5603222-5603223,5603226							
Arsenic	< 0.0200	0.0200	mg/l	104		90-119		
Selenium	< 0.0200	0.0200	mg/l	109		80-120		
Barium	< 0.0050	0.0050	mg/l	99		90-110		
Cadmium	< 0.0050	0.0050	mg/l	101		90-112		
Chromium	< 0.0150	0.0150	mg/l	102		90-110		
Lead	< 0.0150	0.0150	mg/l	102		90-113		
Silver	< 0.0050	0.0050	mg/l	101		90-118		
Batch number: 090545713001	Sample number(s): 5603222-5603223,5603226							
Mercury	< 0.00020	0.00020	mg/l	98		80-120		
Batch number: 09054A54A	Sample number(s): 5603218,5603223-5603225							
Benzene	< 1.0	1.0	ug/l	107	108	80-120	1	30
Toluene	< 1.0	1.0	ug/l	106	107	80-120	1	30
Ethylbenzene	< 1.0	1.0	ug/l	105	106	80-120	1	30
Total Xylenes	< 3.0	3.0	ug/l	108	109	80-120	0	30
Batch number: 09054A54B	Sample number(s): 5603219-5603223,5603226							
Benzene	< 1.0	1.0	ug/l	107	108	80-120	1	30
Toluene	< 1.0	1.0	ug/l	106	107	80-120	1	30
Ethylbenzene	< 1.0	1.0	ug/l	105	106	80-120	1	30
Total Xylenes	< 3.0	3.0	ug/l	108	109	80-120	0	30

*- Outside of specification

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

Quality Control Summary

Client Name: STANTEC International, Inc.

Group Number: 1132811

Reported: 03/03/09 at 10:17 AM

Sample Matrix Quality Control

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

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09051021201A	Sample number(s): 5603218-5603223, 5603226 UNSPK: P602675 BKG: P602675								
Total Dissolved Solids	101	101	54-143	0	12	206	206	0	9
Batch number: 090515705002	Sample number(s): 5603218-5603221 UNSPK: P602177 BKG: P602177								
Arsenic	91	84	75-125	4	20	< 0.200	< 0.200	1 (1)	20
Selenium	0*	0*	75-125	0	20	< 0.200	< 0.200	0 (1)	20
Barium	89	93	78-118	5	20	< 0.0500	< 0.0500	2 (1)	20
Cadmium	103	105	83-116	3	20	< 0.0500	< 0.0500	0 (1)	20
Chromium	89	105	81-120	11	20	< 0.150	< 0.150	2 (1)	20
Lead	120	121	75-125	0	20	< 0.150	< 0.150	0 (1)	20
Silver	0*	0*	75-125	0	20	< 0.0500	< 0.0500	0 (1)	20
Batch number: 090515713003	Sample number(s): 5603218-5603221 UNSPK: P602177 BKG: P602177								
Mercury	96	89	80-120	7	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 09054112402A	Sample number(s): 5603218-5603223, 5603226 UNSPK: P602748 BKG: P602748								
Chloride (titrimetric)	98	98	91-105	0	2	9,830	9,780	1 (1)	5
Batch number: 090545705002	Sample number(s): 5603222-5603223, 5603226 UNSPK: P603959 BKG: P603959								
Arsenic	81	86	75-125	5	20	0.0382	0.0378	1 (1)	20
Selenium	86	83	75-125	2	20	0.0580	0.0506	14 (1)	20
Barium	73*	72*	78-118	2	20	0.0216	0.0214	1 (1)	20
Cadmium	63*	68*	83-116	7	20	< 0.0250	< 0.0250	0 (1)	20
Chromium	76*	80*	81-120	3	20	0.0495	0.0466	6 (1)	20
Lead	79	83	75-125	5	20	< 0.0150	< 0.0150	0 (1)	20
Silver	82	89	75-125	8	20	< 0.0050	< 0.0050	11 (1)	20
Batch number: 090545713001	Sample number(s): 5603222-5603223, 5603226 UNSPK: P603959 BKG: P603959								
Mercury	101	92	80-120	9	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 09054A54A	Sample number(s): 5603218, 5603223-5603225 UNSPK: P604327								
Benzene	115		70-152						
Toluene	109		78-129						
Ethylbenzene	105		75-133						
Total Xylenes	102		67-155						
Batch number: 09054A54B	Sample number(s): 5603219-5603223, 5603226 UNSPK: P604327								
Benzene	115		70-152						
Toluene	109		78-129						
Ethylbenzene	105		75-133						
Total Xylenes	102		67-155						

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

Batch number: 09054A54A

*- Outside of specification

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

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

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 03/03/09 at 10:17 AM

Group Number: 1132811

Surrogate Quality Control

Trifluorotoluene-P

5603218	126
5603223	130*
5603224	120
5603225	119
Blank	118
LCS	121
LCSD	122
MS	121

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09054A54B

Trifluorotoluene-P

5603219	129
5603220	118
5603221	126
5603222	128
5603223	130*
5603226	128
Blank	123
LCS	121
LCSD	122
MS	121

Limits: 69-129

*- Outside of specification

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

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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ANALYTICAL RESULTS

Prepared for:

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

713-734-3090

Prepared by:

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

August 18, 2009

SAMPLE GROUP

The sample group for this submittal is 1156888. Samples arrived at the laboratory on Saturday, August 08, 2009. The PO# for this group is 4023835 and the release number is EUNICE SOUTH GP.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
MW-14 8609 Grab Water Sample	5745101
MW-8 8609 Grab Water Sample	5745102
MW-16 8609 Grab Water Sample	5745103
MW-7 8609 Grab Water Sample	5745104
MW-6 8709 Grab Water Sample	5745105
MW-23 8709 Grab Water Sample	5745106
MWD12 8609 Grab Water Sample	5745107
MWD7 8609 Grab Water Sample	5745108
MWD4 8609 Grab Water Sample	5745109
MWD1 8609 Grab Water Sample	5745110
MWD13-080709 Grab Water Sample	5745111
MWD6-080709 Grab Water Sample	5745112
DUP-01-080709 Grab Water Sample	5745113

METHODOLOGY

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

ELECTRONIC Conestoga-Rovers & Associates

Attn: Pat Lynch



Analysis Report

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COPY TO
ELECTRONIC Conestoga-Rovers & Associates
COPY TO
ELECTRONIC LLI
COPY TO

Attn: James Ornelas

Attn: EDD Group - Report

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

Respectfully Submitted,


Robert Strocko Jr.
Manager

Lancaster Laboratories Sample No. WW 5745101

Group No. 1156888

MW-14 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 10:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0615	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	429	40.0	100
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,500	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09222A54A	08/11/2009 00:55	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09222A54A	08/11/2009 00:55	Elizabeth J Marin	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:12	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:12	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:12	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:12	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:15	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:15	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:12	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:40	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745101

Group No. 1156888
NM

MW-14 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 10:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEU14

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/12/2009 19:15	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5745102

Group No. 1156888

MW-8 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 12:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0442	0.0200	1
07046	Barium	7440-39-3	0.0956	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	1,310	200	500
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,010	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A53A	08/12/2009 03:26	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A53A	08/12/2009 03:26	Katrina T Longenecker	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:15	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:15	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:15	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:15	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:20	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:20	Tara L Snyder	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745102

Group No. 1156888

NM

MW-8 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 12:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEU-8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:15	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:41	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 03:26	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5745103

Group No. 1156888

MW-16 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 14:30 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0360	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	0.123	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	1,570	200	500
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,970	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A53A	08/12/2009 03:50	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A53A	08/12/2009 03:50	Katrina T Longenecker	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:18	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:18	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:18	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:18	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:24	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:24	Tara L Snyder	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745103

Group No. 1156888
NM

MW-16 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 14:30 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU16

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:18	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:42	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 03:42	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5745104

Group No. 1156888

MW-7 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 16:20 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0227	0.0200	1
07046	Barium	7440-39-3	0.262	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	51.3	4.0	10
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,010	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A53A	08/12/2009 04:15	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A53A	08/12/2009 04:15	Katrina T Longenecker	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:22	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:22	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:22	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:22	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:29	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:29	Tara L Snyder	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745104

Group No. 1156888
NM

MW-7 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 16:20 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEJ-7

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:22	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:43	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 03:57	Ashley M Adams	10
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5745105

Group No. 1156888

MW-6 8709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/07/2009 11:50 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0247	0.0200	1
07046	Barium	7440-39-3	0.0659	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	748	80.0	200
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,160	240	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A53A	08/12/2009 05:27	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A53A	08/12/2009 05:27	Katrina T Longenecker	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:25	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:25	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:25	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:25	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:33	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:33	Tara L Snyder	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745105

Group No. 1156888
NM

MW-6 8709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/07/2009 11:50 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEU-6

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:25	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:47	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 04:44	Ashley M Adams	200
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5745106

Group No. 1156888

MW-23 8709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/07/2009 13:10 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0566	0.0200	1
07046	Barium	7440-39-3	0.0872	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	0.0246	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	8,860	2,000	5000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	17,800	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A53A	08/12/2009 05:51	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A53A	08/12/2009 05:51	Katrina T Longenecker	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:28	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:28	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:28	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:28	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:38	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:38	Tara L Snyder	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745106

Group No. 1156888
NM

MW-23 8709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/07/2009 13:10 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEU23

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:28	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:51	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 04:59	Ashley M Adams	5000
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	10



Analysis Report

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Lancaster Laboratories Sample No. WW 5745107

Group No. 1156888

MWD12 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 11:05 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	660	5.0	5
08213	Ethylbenzene	100-41-4	41	1.0	1
08213	Toluene	108-88-3	1.5	1.0	1
08213	Total Xylenes	1330-20-7	12	3.0	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.					
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0617	0.0200	1
07046	Barium	7440-39-3	0.463	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	4,350	800	2000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	9,440	1,200	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A54A	08/12/2009 01:34	Marie D John	5
08213	BTEX (8021)	SW-846 8021B	1	09223A54B	08/12/2009 21:29	Carrie E Miller	1
08213	GC VOA Water Prep	SW-846 5030B	1	09223A54A	08/12/2009 01:34	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	2	09223A54B	08/12/2009 21:29	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:31	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:31	John W Yanzuk II	1



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Lancaster Laboratories Sample No. WW 5745107

Group No. 1156888
NM

MWD12 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 11:05 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEU12

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:31	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:31	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:42	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:42	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:31	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:52	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 05:14	Ashley M Adams	2000
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	10

Lancaster Laboratories Sample No. WW 5745108

Group No. 1156888

MWD7 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 12:55 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEUD7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	2.9	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0361	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	7,610	800	2000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	16,600	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A54A	08/11/2009 22:26	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A54A	08/11/2009 22:26	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:34	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:34	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:34	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:34	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:47	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:47	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:34	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:54	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW 5745108

Group No. 1156888
NM

MWD7 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 12:55 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEUD7

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 05:30	Ashley M Adams	2000
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	10



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Analysis Report

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Lancaster Laboratories Sample No. WW 5745109

Group No. 1156888

MWD4 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 13:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEUD4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0344	0.0200	1
07046	Barium	7440-39-3	0.510	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	310	40.0	100
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,440	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A54A	08/11/2009 23:37	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A54A	08/11/2009 23:37	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:43	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:43	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:43	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:43	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 02:51	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 02:51	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:43	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:55	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745109

Group No. 1156888
NM

MWD4 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 13:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEUD4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/12/2009 22:21	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5745110

Group No. 1156888

MWD1 8609 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/06/2009 14:30 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEUD1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	1.9	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0428	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	9,340	2,000	5000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	18,800	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A54A	08/12/2009 00:00	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A54A	08/12/2009 00:00	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:46	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:46	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:46	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:46	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 03:05	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 03:05	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:46	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:56	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW 5745110

Group No. 1156888
NM

MWD1 8609 Grab Water Sample
Eunice South Gas Plant

Collected: 08/06/2009 14:30 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEUD1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196601B	08/14/2009 05:45	Ashley M Adams	5000
00212	Total Dissolved Solids	SM20 2540 C	1	09224021202A	08/12/2009 14:06	Susan E Hibner	10



Analysis Report

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Lancaster Laboratories Sample No. WW 5745111

Group No. 1156888

MWD13-080709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/07/2009 11:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEU13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846	8021B	GC Volatiles	ug/l	ug/l	
08213	Benzene	71-43-2	1.1	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.

SW-846	6010B	Metals Dissolved	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0264	0.0200	1
07046	Barium	7440-39-3	0.0747	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1

SW-846	7470A	Metals Dissolved	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1

EPA	300.0	Wet Chemistry	mg/l	mg/l	
00224	Chloride	16887-00-6	9,110	2,000	5000

SM20	2540 C	Wet Chemistry	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	20,800	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A54A	08/12/2009 00:24	Marie D John	1
08213	GC VOA Water Prep	SW-846 5030B	1	09223A54A	08/12/2009 00:24	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:49	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:49	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:49	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:49	John W Yanzuk II	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745111

Group No. 1156888
NM

MWD13-080709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/07/2009 11:40 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEU13

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 03:09	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 03:09	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:49	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 14:57	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009 06:01	Ashley M Adams	5000
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	10



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Analysis Report

Page 1 of 2

Lancaster Laboratories Sample No. WW 5745112

Group No. 1156888

MWD6-080709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/07/2009 13:25 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEUD6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	71	1.0	1
08213	Ethylbenzene	100-41-4	61	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	4.9	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.70	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	995	80.0	200
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,800	240	1

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A54B	08/12/2009 19:31	Tyler O Griffin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A54A	08/12/2009 00:47	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:53	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:53	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:53	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:53	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 03:14	Tara L Snyder	1
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 03:14	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:53	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 15:01	Nelli S Markaryan	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745112

Group No. 1156888
NM

MWD6-080709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/07/2009 13:25 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEUD6

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009 06:16	Ashley M Adams	200
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	1



Analysis Report

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5745113

Group No. 1156888

DUP-01-080709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/07/2009 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50

Conestoga-Rovers & Associates

Reported: 08/18/2009 at 08:25

6320 Rothway

Discard: 09/18/2009

Suite 100

Houston TX 77040

SEUFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	69	1.0	1
08213	Ethylbenzene	100-41-4	59	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 6.0	6.0	1
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for total xylenes. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.56	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	1,010	80.0	200
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,760	240	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09223A54A	08/12/2009 01:11	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09223A54A	08/12/2009 01:11	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092235705004	08/13/2009 03:56	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092235705004	08/13/2009 03:56	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092235705004	08/13/2009 03:56	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705004	08/13/2009 03:56	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092235705004	08/17/2009 03:18	Tara L Snyder	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5745113

Group No. 1156888
NM

DUP-01-080709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/07/2009 by CE

Account Number: 11713

Submitted: 08/08/2009 10:50
Reported: 08/18/2009 at 08:25
Discard: 09/18/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

SEUFD

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	092235705004	08/17/2009 03:18	Tara L Snyder	1
07066	Silver	SW-846 6010B	1	092235705004	08/13/2009 03:56	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092235713004	08/13/2009 15:02	Nelli S Markaryan	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705004	08/12/2009 14:45	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092235713004	08/12/2009 15:00	James L Mertz	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009 06:32	Ashley M Adams	200
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	1

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 08/18/09 at 08:25 AM

Group Number: 1156888

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09222A54A	Sample number(s): 5745101							
Benzene	< 1.0	1.0	ug/l	105	110	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	95	105	80-120	10	30
Toluene	< 1.0	1.0	ug/l	95	105	80-120	10	30
Total Xylenes	< 3.0	3.0	ug/l	97	105	80-120	8	30
Batch number: 09223A53A	Sample number(s): 5745102-5745106							
Benzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Total Xylenes	< 3.0	3.0	ug/l	112	113	80-120	1	30
Batch number: 09223A54A	Sample number(s): 5745107-5745111, 5745113							
Benzene	< 1.0	1.0	ug/l	110	105	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	100	95	80-120	5	30
Toluene	< 1.0	1.0	ug/l	105	100	80-120	5	30
Total Xylenes	< 3.0	3.0	ug/l	103	98	80-120	5	30
Batch number: 09223A54B	Sample number(s): 5745107, 5745112							
Benzene	< 1.0	1.0	ug/l	110	105	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	100	95	80-120	5	30
Toluene	< 1.0	1.0	ug/l	105	100	80-120	5	30
Total Xylenes	< 3.0	3.0	ug/l	103	98	80-120	5	30
Batch number: 092235705004	Sample number(s): 5745101-5745113							
Arsenic	< 0.0200	0.0200	mg/l	104		80-120		
Barium	< 0.0050	0.0050	mg/l	98		90-110		
Cadmium	< 0.0050	0.0050	mg/l	100		90-112		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Lead	< 0.0150	0.0150	mg/l	98		80-120		
Selenium	< 0.0200	0.0200	mg/l	106		80-120		
Silver	< 0.0050	0.0050	mg/l	100		83-120		
Batch number: 092235713004	Sample number(s): 5745101-5745113							
Mercury	< 0.00020	0.00020	mg/l	104		80-120		
Batch number: 09224196601B	Sample number(s): 5745101-5745110							
Chloride	< 0.40	0.40	mg/l	102		90-110		
Batch number: 09224196602A	Sample number(s): 5745111-5745113							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Batch number: 09224021202A	Sample number(s): 5745101-5745110							
Total Dissolved Solids	< 30.0	30.0	mg/l	106		80-120		
Batch number: 09225021201A	Sample number(s): 5745111-5745113							
Total Dissolved Solids	< 30.0	30.0	mg/l	91		80-120		

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates

Group Number: 1156888

Reported: 08/18/09 at 08:25 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
---------------	--------------	-----------	--------------	----------	-----------	-----------------	-----	---------

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09222A54A	Sample number(s): 5745101 UNSPK: P742823								
Benzene	110		70-152						
Ethylbenzene	110		75-133						
Toluene	110		78-129						
Total Xylenes	110		67-155						
Batch number: 09223A53A	Sample number(s): 5745102-5745106 UNSPK: P743973								
Benzene	115		70-152						
Ethylbenzene	120		75-133						
Toluene	115		78-129						
Total Xylenes	120		67-155						
Batch number: 09223A54A	Sample number(s): 5745107-5745111, 5745113 UNSPK: P745307								
Benzene	114		70-152						
Ethylbenzene	107		75-133						
Toluene	108		78-129						
Total Xylenes	110		67-155						
Batch number: 09223A54B	Sample number(s): 5745107, 5745112 UNSPK: P745307								
Benzene	114		70-152						
Ethylbenzene	107		75-133						
Toluene	108		78-129						
Total Xylenes	110		67-155						
Batch number: 092235705004	Sample number(s): 5745101-5745113 UNSPK: P742295 BKG: P742295								
Arsenic	105	107	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	96	98	78-118	2	20	0.0439	0.0448	2	20
Cadmium	100	100	83-116	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	98	99	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Lead	92	93	75-125	0	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	103	104	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Silver	99	100	75-125	1	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 092235713004	Sample number(s): 5745101-5745113 UNSPK: 5745105 BKG: 5745105								
Mercury	35*	31*	80-120	13	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 09224196601B	Sample number(s): 5745101-5745110 UNSPK: 5745101 BKG: 5745101								
Chloride	113*		90-110			429	431	0	20
Batch number: 09224196602A	Sample number(s): 5745111-5745113 UNSPK: P746458 BKG: P746458								
Chloride	110		90-110			12,100	12,100	0	20
Batch number: 09224021202A	Sample number(s): 5745101-5745110 UNSPK: 5745105 BKG: 5745105								
Total Dissolved Solids	100	98	54-143	1	12	3,160	3,090	2	9

*- Outside of specification

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

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates

Group Number: 1156888

Reported: 08/18/09 at 08:25 AM

Sample Matrix Quality Control

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

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

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Batch number: 09225021201A	Sample number(s): 5745111-5745113 UNSPK: P746458 BKG: P746458								
Total Dissolved Solids	94	108	54-143	4	12	38,900	44,600	14*	9

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

Batch number: 09222A54A

Trifluorotoluene-P

5745101	111
Blank	113
LCS	114
LCSD	114
MS	110

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09223A53A

Trifluorotoluene-P

5745102	97
5745103	95
5745104	97
5745105	96
5745106	99
Blank	96
LCS	97
LCSD	97
MS	96

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09223A54A

Trifluorotoluene-P

5745107	119
5745108	112
5745109	115
5745110	116
5745111	167*
5745113	153*
Blank	115
LCS	114
LCSD	113

*- Outside of specification

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

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates

Group Number: 1156888

Reported: 08/18/09 at 08:25 AM

Surrogate Quality Control

MS 113

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09223A54B

Trifluorotoluene-P

5745107 135*

5745112 151*

Blank 111

LCS 114

LCSD 113

MS 113

Limits: 69-129

*- Outside of specification

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

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



For Lancaster Laboratories use only

Acct. # 11713 Group # 1156888 Sample # 5745101-13 **COC #** 217839

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

For Lab Use Only

FSC:

SGR#:

1 Client: <u>CRA</u>		2		3		4		5		6	
Project Name: <u>S. Eunice GP/055271</u>		Date: <u>8-6-09</u>		Time: <u>1040</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
Project Manager: <u>James Dineias</u>		Date: <u>8-6-09</u>		Time: <u>1240</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
Sampler: <u>Chris Evans/CC/JL/JP</u>		Date: <u>8-6-09</u>		Time: <u>1430</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
Name of state where samples were collected: <u>New Mexico</u>		Date: <u>8-6-09</u>		Time: <u>1620</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
		Date: <u>8-7-09</u>		Time: <u>1150</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
		Date: <u>8-7-09</u>		Time: <u>1310</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
		Date: <u>8-6-09</u>		Time: <u>1105</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
		Date: <u>8-6-09</u>		Time: <u>1255</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
		Date: <u>8-6-09</u>		Time: <u>1340</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
		Date: <u>8-6-09</u>		Time: <u>1430</u>		Matrix: <u>Water</u>		Preservation Codes		Preservation Codes	
MW-14	8609	8-6-09	1040	X	X	X	X	X	X	X	X
MW-8	8609	8-6-09	1240	X	X	X	X	X	X	X	X
MW-16	8609	8-6-09	1430	X	X	X	X	X	X	X	X
MW-7	8609	8-6-09	1620	X	X	X	X	X	X	X	X
MW-6	8709	8-7-09	1150	X	X	X	X	X	X	X	X
MW-23	8709	8-7-09	1310	X	X	X	X	X	X	X	X
MWD12	8609	8-6-09	1105	X	X	X	X	X	X	X	X
MWD7	8609	8-6-09	1255	X	X	X	X	X	X	X	X
MWD4	8609	8-6-09	1340	X	X	X	X	X	X	X	X
MWD1	8609	8-6-09	1430	X	X	X	X	X	X	X	X

7 Turnaround Time Requested (TAT) (please circle): Normal Rush
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)

Date results are needed: _____

Rush results requested by (please circle): Phone Fax E-mail

Phone #: _____ Fax #: _____

E-mail address: _____

8 Data Package Options (please circle if required)

Type I (Validation/NJ Reg) TX TRRP-13

Type II (Tier II) MA MCP CT RCP

Type III (Reduced NJ) Site-specific QC (MS/MSD/Dup)? Yes No

Type IV (CLP SOW) Internal COC Required? Yes / No

Type VI (Raw Data Only)

9 Relinquished by: Chris Evans

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Relinquished by: _____

Date: 8-7-9 Time: 1600

Date: _____ Time: _____

Date: _____ Time: _____

Date: _____ Time: _____

Date: _____ Time: _____

6 Preservation Codes

H=HCl T=Thiosulfate

N=HNO₃ B=NaOH

S=H₂SO₄ O=Other - VLE

Remarks

D: 5501 VCD MCH 15

TDS 2540C

Chlorides 325.3

BTEX 80213



Lancaster
Laboratories

Analysis Request/ Environmental Services Chain of Custody

For Lancaster Laboratories use only

Act. # 11713 Group# 1156988 Sample # 5745101-13

COC # 217844

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

For Lab Use Only

FSC:

SCR#:

1 Client		2 Sample Information		3 Date/Time		4 Matrix		5 Analytes Requested		6 Preservation Codes		7 Turnaround Time Requested (TAT) (please circle):		8 Data Package Options (please circle if required)		9 Relinquished by:	
Project Name#	Project Manager	Sample ID	Project Manager	Sample ID	Project Manager	Sample ID	Project Manager	Sample ID	Project Manager	Sample ID	Project Manager	Sample ID	Project Manager	Sample ID	Project Manager	Sample ID	Project Manager
MWD 13-080709	James Ornelas	8-7-09	1140	8-7-09	1140	8-7-09	1140	8-7-09	1140	8-7-09	1140	8-7-09	1140	8-7-09	1140	8-7-09	1140
MWD 6-080709	James Ornelas	8-7-09	1325	8-7-09	1325	8-7-09	1325	8-7-09	1325	8-7-09	1325	8-7-09	1325	8-7-09	1325	8-7-09	1325
Dup-01-080709	Chris Evans	8-7-09	---	8-7-09	---	8-7-09	---	8-7-09	---	8-7-09	---	8-7-09	---	8-7-09	---	8-7-09	---
Temp																	
Temp																	

Project Name# S. Enice GP / 055271 PWSID #:

Project Manager: James Ornelas P.O.#:

Sampler: Chris Evans / CC / JL / SP Quote #:

Name of state where samples were collected: New Mexico

Sample ID	Date	Time	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix	Matrix
MWD 13-080709	8-7-09	1140	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
MWD 6-080709	8-7-09	1325	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Dup-01-080709	8-7-09	---	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Temp			Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Temp			Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water

Relinquished by: Chris Evans

Relinquished by:

Relinquished by:

Relinquished by:

Relinquished by:

Relinquished by:	Date	Time	Relinquished by:	Date	Time	Relinquished by:	Date	Time	Relinquished by:	Date	Time	Relinquished by:	Date	Time
Relinquished by:	8-7-9	1600	Relinquished by:			Relinquished by:			Relinquished by:			Relinquished by:		
Relinquished by:			Relinquished by:			Relinquished by:			Relinquished by:			Relinquished by:		
Relinquished by:			Relinquished by:			Relinquished by:			Relinquished by:			Relinquished by:		
Relinquished by:			Relinquished by:			Relinquished by:			Relinquished by:			Relinquished by:		

Phone #:

E-mail address:

Fax #:

Type I (Validation/NJ Reg)	Type II (Tier II)	Type III (Reduced NJ)	Type IV (CLP SOW)	Type VI (Raw Data Only)
TX TRRP-13	MA MCP	CT RCP	Site-specific QC (MS/MSD/Dup)? Yes No	Internal COC Required? Yes No

Turnaround Time Requested (TAT) (please circle): Normal Rush

Date results are needed:

Rush results requested by (please circle): Phone Fax E-mail

Relinquished by: Katie Hartono

Date: 8/8/09

Time: 10:50

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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ANALYTICAL RESULTS

Prepared for:

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

713-734-3090

Prepared by:

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

August 21, 2009

SAMPLE GROUP

The sample group for this submittal is 1157297. Samples arrived at the laboratory on Wednesday, August 12, 2009. The PO# for this group is 4023835 and the release number is EUNICE SOUTH GP.

Client Description

TMW-5 081009 Grab Water Sample
MW-18 081009 Grab Water Sample
TMW-6 081109 Grab Water Sample
MW-17 081109 Grab Water Sample
MW-13 081109 Grab Water Sample
MWD-10 081009 Grab Water Sample
MWD-16 081009 Grab Water Sample
MWD-14 081009 Grab Water Sample
MWD-8 081109 Grab Water Sample
DUP-02 Grab Water Sample

Lancaster Labs Number

5747497
5747498
5747499
5747500
5747501
5747502
5747503
5747504
5747505
5747506

METHODOLOGY

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

ELECTRONIC Conestoga-Rovers & Associates
COPY TO
ELECTRONIC Conestoga-Rovers & Associates
COPY TO

Attn: Pat Lynch

Attn: James Ornelas



Analysis Report

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ELECTRONIC LLI
COPY TO

Attn: EDD Group - Report

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

Respectfully Submitted,

Martha L. Seidel

Martha L. Seidel
Senior Chemist



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5747497

Group No. 1157297

TMW-5 081009 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/10/2009 14:50 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846	8021B	GC Volatiles	ug/l	ug/l	
08213	Benzene	71-43-2	4,700	20	20
08213	Ethylbenzene	100-41-4	140	1.0	1
08213	Toluene	108-88-3	1.2	1.0	1
08213	Total Xylenes	1330-20-7	5.3	3.0	1
SW-846	6010B	Metals Dissolved	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0372	0.0200	1
07046	Barium	7440-39-3	0.590	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846	7470A	Metals Dissolved	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	2,970	200	500
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	6,830	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09225A53A	08/13/2009 23:25	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09232A53A	08/20/2009 23:21	Marie D John	20
01146	GC VOA Water Prep	SW-846 5030B	1	09225A53A	08/13/2009 23:25	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	2	09232A53A	08/20/2009 23:21	Marie D John	20
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:13	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:13	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:13	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:13	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:13	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:13	Eric L Eby	1



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5747497

Group No. 1157297
NM

TMW-5 081009 Grab Water Sample
Eunice South Gas Plant

Collected: 08/10/2009 14:50 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 14:03
Discard: 09/21/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:13	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:15	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/13/2009 11:05	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5747498

Group No. 1157297

MW-18 081009 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/10/2009 16:30 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0808	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	1,070	200	500
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,740	240	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 12:40	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	2	09231A53A	08/19/2009 12:40	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:18	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:18	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:18	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:18	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:18	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:18	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:18	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:17	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747498

Group No. 1157297
NM

MW-18 081009 Grab Water Sample
Eunice South Gas Plant

Collected: 08/10/2009 16:30 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 14:03
Discard: 09/21/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/13/2009 11:51	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747499

Group No. 1157297

TMW-6 081109 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/11/2009 10:20 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	3,800	10	10
08213	Ethylbenzene	100-41-4	200	1.0	1
08213	Toluene	108-88-3	2.1	1.0	1
08213	Total Xylenes	1330-20-7	8.5	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0712	0.0200	1
07046	Barium	7440-39-3	0.517	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	177	20.0	50
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,140	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09225A53A	08/13/2009 23:49	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09225A53B	08/14/2009 19:04	Carrie E Miller	10
01146	GC VOA Water Prep	SW-846 5030B	1	09225A53A	08/13/2009 23:49	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	2	09225A53B	08/14/2009 19:04	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:22	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:22	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:22	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:22	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:22	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:22	Eric L Eby	1



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Lancaster Laboratories Sample No. WW 5747499

Group No. 1157297
NM

TMW-6 081109 Grab Water Sample
Eunice South Gas Plant

Collected: 08/11/2009 10:20 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 14:03
Discard: 09/21/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:22	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:18	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/14/2009 22:42	Ashley M Adams	50
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5747500

Group No. 1157297

MW-17 081109 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/11/2009 12:20 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0423	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	3,100	400	1000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	7,680	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09232A53A	08/20/2009 22:57	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09232A53A	08/20/2009 22:57	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:36	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:36	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:36	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:36	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:36	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:36	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:36	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:19	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747500

Group No. 1157297
NM

MW-17 081109 Grab Water Sample
Eunice South Gas Plant

Collected: 08/11/2009 12:20 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/14/2009 22:58	Ashley M Adams	1000
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5747501

Group No. 1157297

MW-13 081109 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/11/2009 13:50 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	< 5.0	5.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for benzene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.					
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0246	0.0200	1
07046	Barium	7440-39-3	2.69	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	340	200	500
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,160	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09225A53B	08/14/2009 16:53	Carrie E Miller	1
07046	GC VOA Water Prep	SW-846 5030B	1	09225A53B	08/14/2009 16:53	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:40	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:40	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:40	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:40	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:40	Eric L Eby	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747501

Group No. 1157297
NM

MW-13 081109 Grab Water Sample
Eunice South Gas Plant

Collected: 08/11/2009 13:50 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 14:03
Discard: 09/21/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:40	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:40	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:20	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/13/2009 13:16	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747502

Group No. 1157297

MWD-10 081009 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/10/2009 11:55 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846	8021B	GC Volatiles	ug/l	ug/l	
08213	Benzene	71-43-2	700	5.0	5
08213	Ethylbenzene	100-41-4	67	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	13	3.0	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.					
SW-846	6010B	Metals Dissolved	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0739	0.0200	1
07046	Barium	7440-39-3	0.517	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846	7470A	Metals Dissolved	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA	300.0	Wet Chemistry	mg/l	mg/l	
00224	Chloride	16887-00-6	5,550	800	2000
SM20	2540 C	Wet Chemistry	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	11,400	1,200	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09224A54A	08/14/2009 02:15	Elizabeth J Marin	1
08213	BTEX (8021)	SW-846 8021B	1	09224A54B	08/14/2009 20:52	Carrie E Miller	5
01146	GC VOA Water Prep	SW-846 5030B	1	09224A54A	08/14/2009 02:15	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	2	09224A54B	08/14/2009 20:52	Carrie E Miller	5
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:45	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:45	Eric L Eby	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747502

Group No. 1157297
NM

MWD-10 081009 Grab Water Sample
Eunice South Gas Plant

Collected: 08/10/2009 11:55 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 14:03
Discard: 09/21/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:45	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:45	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:45	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:45	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:45	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:22	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/14/2009 23:13	Ashley M Adams	2000
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	10

Lancaster Laboratories Sample No. WW 5747503

Group No. 1157297

NM

MWD-16 081009 Grab Water Sample
Eunice South Gas Plant

Collected: 08/10/2009 13:05 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	660	5.0	5
08213	Ethylbenzene	100-41-4	280	1.0	1
08213	Toluene	108-88-3	2.1	1.0	1
08213	Total Xylenes	1330-20-7	160	3.0	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.					
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0484	0.0200	1
07046	Barium	7440-39-3	0.703	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	8,750	800	2000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	17,600	2,400	10

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09224A54B	08/14/2009 21:16	Carrie E Miller	5
08213	BTEX (8021)	SW-846 8021B	1	09224A54B	08/14/2009 22:26	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A54B	08/14/2009 21:16	Carrie E Miller	5
01146	GC VOA Water Prep	SW-846 5030B	2	09224A54B	08/14/2009 22:26	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:50	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:50	Eric L Eby	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747503

Group No. 1157297
NM

MWD-16 081009 Grab Water Sample
Eunice South Gas Plant

Collected: 08/10/2009 13:05 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:50	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:50	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:50	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:50	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:50	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:23	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/14/2009 23:29	Ashley M Adams	2000
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	10

Lancaster Laboratories Sample No. WW 5747504

Group No. 1157297

MWD-14 081009 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/10/2009 14:45 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	1,600	5.0	5
08213	Ethylbenzene	100-41-4	31	1.0	1
08213	Toluene	108-88-3	1.6	1.0	1
08213	Total Xylenes	1330-20-7	18	3.0	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample as pH = 6.					
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0543	0.0200	1
07046	Barium	7440-39-3	0.206	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	10,700	800	2000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	21,200	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09224A54A	08/14/2009 03:50	Elizabeth J Marin	5
08213	BTEX (8021)	SW-846 8021B	1	09224A54B	08/14/2009 22:50	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A54A	08/14/2009 03:50	Elizabeth J Marin	5
01146	GC VOA Water Prep	SW-846 5030B	2	09224A54B	08/14/2009 22:50	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:54	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:54	Eric L Eby	1



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Lancaster Laboratories Sample No. WW 5747504

Group No. 1157297
NM

MWD-14 081009 Grab Water Sample
Eunice South Gas Plant

Collected: 08/10/2009 14:45 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 14:03
Discard: 09/21/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:54	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:54	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:54	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:54	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:54	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:24	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/14/2009 23:44	Ashley M Adams	2000
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	10

Lancaster Laboratories Sample No. WW 5747505

Group No. 1157297

MWD-8 081109 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/11/2009 11:25 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	3.3	1.0	1
08213	Ethylbenzene	100-41-4	2.2	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	4.7	3.0	1
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0716	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	0.0222	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	8,570	800	2000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	16,300	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09224A54B	08/14/2009 21:39	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A54B	08/14/2009 21:39	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:59	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 17:59	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 17:59	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:59	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 17:59	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 17:59	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 17:59	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:25	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5747505

Group No. 1157297
NM

MWD-8 081109 Grab Water Sample
Eunice South Gas Plant

Collected: 08/11/2009 11:25 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 14:03
Discard: 09/21/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/15/2009 00:31	Ashley M Adams	2000
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	10

Lancaster Laboratories Sample No. WW 5747506

Group No. 1157297

DUP-02 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/10/2009 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8021B	GC Volatiles		ug/l	ug/l	
08213	Benzene	71-43-2	700	5.0	5
08213	Ethylbenzene	100-41-4	70	1.0	1
08213	Toluene	108-88-3	1.1	1.0	1
08213	Total Xylenes	1330-20-7	14	3.0	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 3.					
SW-846 6010B	Metals Dissolved		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0717	0.0200	1
07046	Barium	7440-39-3	0.499	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A	Metals Dissolved		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
EPA 300.0	Wet Chemistry		mg/l	mg/l	
00224	Chloride	16887-00-6	5,670	800	1000
SM20 2540 C	Wet Chemistry		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	12,600	1,200	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09224A54A	08/14/2009 02:39	Elizabeth J Marin	1
08213	BTEX (8021)	SW-846 8021B	1	09224A54B	08/14/2009 22:03	Carrie E Miller	5
08246	GC VOA Water Prep	SW-846 5030B	1	09224A54A	08/14/2009 02:39	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	2	09224A54B	08/14/2009 22:03	Carrie E Miller	5
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 18:03	Eric L Eby	1
07046	Barium	SW-846 6010B	1	092295705001	08/19/2009 18:03	Eric L Eby	1



Analysis Report

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Page 2 of 2

Lancaster Laboratories Sample No. WW 5747506

Group No. 1157297
NM

DUP-02 Grab Water Sample
Eunice South Gas Plant

Collected: 08/10/2009 by CE

Account Number: 11713

Submitted: 08/12/2009 09:00

Conestoga-Rovers & Associates

Reported: 08/21/2009 at 14:03

6320 Rothway

Discard: 09/21/2009

Suite 100

Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07049	Cadmium	SW-846 6010B	1	092295705001	08/19/2009 18:03	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 18:03	Eric L Eby	1
07055	Lead	SW-846 6010B	1	092295705001	08/19/2009 18:03	Eric L Eby	1
07036	Selenium	SW-846 6010B	1	092295705001	08/19/2009 18:03	Eric L Eby	1
07066	Silver	SW-846 6010B	1	092295705001	08/19/2009 18:03	Eric L Eby	1
00259	Mercury	SW-846 7470A	1	092295713001	08/19/2009 09:27	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092295713001	08/18/2009 17:30	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09225196601A	08/19/2009 02:51	Joseph E McKenzie	1000
00212	Total Dissolved Solids	SM20 2540 C	1	09225021202A	08/13/2009 14:38	Susan A Engle	10

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 08/21/09 at 02:03 PM

Group Number: 1157297

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09224A54A	Sample number(s): 5747502, 5747504, 5747506							
Benzene	< 1.0	1.0	ug/l	105	115	80-120	9	30
Ethylbenzene	< 1.0	1.0	ug/l	95	110	80-120	15	30
Toluene	< 1.0	1.0	ug/l	100	110	80-120	10	30
Total Xylenes	< 3.0	3.0	ug/l	98	108	80-120	10	30
Batch number: 09224A54B	Sample number(s): 5747502-5747506							
Benzene	< 1.0	1.0	ug/l	105	115	80-120	9	30
Ethylbenzene	< 1.0	1.0	ug/l	95	110	80-120	15	30
Toluene	< 1.0	1.0	ug/l	100	110	80-120	10	30
Total Xylenes	< 3.0	3.0	ug/l	98	108	80-120	10	30
Batch number: 09225A53A	Sample number(s): 5747497, 5747499							
Ethylbenzene	< 1.0	1.0	ug/l	115	100	80-120	14	30
Toluene	< 1.0	1.0	ug/l	115	100	80-120	14	30
Total Xylenes	< 3.0	3.0	ug/l	115	103	80-120	11	30
Batch number: 09225A53B	Sample number(s): 5747499, 5747501							
Benzene	< 1.0	1.0	ug/l	120	105	80-120	13	30
Ethylbenzene	< 1.0	1.0	ug/l	115	100	80-120	14	30
Toluene	< 1.0	1.0	ug/l	115	100	80-120	14	30
Total Xylenes	< 3.0	3.0	ug/l	115	103	80-120	11	30
Batch number: 09231A53A	Sample number(s): 5747498							
Benzene	< 1.0	1.0	ug/l	120	120	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	115	115	80-120	0	30
Batch number: 09232A53A	Sample number(s): 5747497, 5747500							
Benzene	< 1.0	1.0	ug/l	120	120	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Total Xylenes	< 3.0	3.0	ug/l	113	113	80-120	0	30
Batch number: 092295705001	Sample number(s): 5747497-5747506							
Arsenic	< 0.0200	0.0200	mg/l	106		80-120		
Barium	< 0.0050	0.0050	mg/l	101		90-110		
Cadmium	< 0.0050	0.0050	mg/l	103		90-112		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Lead	< 0.0150	0.0150	mg/l	102		80-120		
Selenium	< 0.0200	0.0200	mg/l	110		80-120		
Silver	< 0.0050	0.0050	mg/l	103		83-120		
Batch number: 092295713001	Sample number(s): 5747497-5747506							
Mercury	< 0.00020	0.00020	mg/l	104		80-120		

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 08/21/09 at 02:03 PM

Group Number: 1157297

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCS/LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09225196601A	Sample number(s): 5747497-5747506							
Chloride	< 0.40	0.40	mg/l	101		90-110		
Batch number: 09225021202A	Sample number(s): 5747497-5747506							
Total Dissolved Solids	< 30.0	30.0	mg/l	94		80-120		

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 09224A54A	Sample number(s): 5747502, 5747504, 5747506 UNSPK: P745983								
Benzene	95		70-152						
Ethylbenzene	100		75-133						
Toluene	95		78-129						
Total Xylenes	97		67-155						
Batch number: 09224A54B	Sample number(s): 5747502-5747506 UNSPK: P745983								
Benzene	95		70-152						
Ethylbenzene	100		75-133						
Toluene	95		78-129						
Total Xylenes	97		67-155						
Batch number: 09225A53A	Sample number(s): 5747497, 5747499 UNSPK: P747285								
Ethylbenzene	115	115	75-133	0	30				
Toluene	115	115	78-129	0	30				
Total Xylenes	117	117	67-155	0	30				
Batch number: 09225A53B	Sample number(s): 5747499, 5747501 UNSPK: P747285								
Benzene	115	110	70-152	4	30				
Ethylbenzene	115	115	75-133	0	30				
Toluene	115	115	78-129	0	30				
Total Xylenes	117	117	67-155	0	30				
Batch number: 09231A53A	Sample number(s): 5747498 UNSPK: P750747								
Benzene	125		70-152						
Ethylbenzene	120		75-133						
Toluene	120		78-129						
Total Xylenes	122		67-155						
Batch number: 092295705001	Sample number(s): 5747497-5747506 UNSPK: P749992 BKG: P749992								
Arsenic	110	110	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	96	95	78-118	1	20	0.356	0.342	4	20
Cadmium	100	100	83-116	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	99	98	81-120	1	20	< 0.0150	< 0.0150	9 (1)	20
Lead	95	94	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	115	112	75-125	2	20	< 0.0200	< 0.0200	0 (1)	20
Silver	108	105	75-125	2	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 092295713001	Sample number(s): 5747497-5747506 UNSPK: P747083 BKG: P747083								

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 08/21/09 at 02:03 PM

Group Number: 1157297

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Mercury	100	104	80-120	4	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 09225196601A	Sample number(s): 5747497-5747506 UNSPK: 5747497 BKG: 5747497								
Chloride	100		90-110			2,970	2,970	0	20
Batch number: 09225021202A	Sample number(s): 5747497-5747506 UNSPK: P747818 BKG: P747818								
Total Dissolved Solids	64	65	54-143	0	12	5,350	5,350	0	9

Surrogate Quality Control

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

Analysis Name: BTEX (8021)
Batch number: 09224A54A
Trifluorotoluene-P

5747502	125
5747504	139*
5747506	126
Blank	116
LCS	114
LCSD	116
MS	112

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 09224A54B
Trifluorotoluene-P

5747502	125
5747503	140*
5747504	139*
5747505	138*
5747506	126
Blank	112
LCS	114
LCSD	116
MS	112

Limits: 69-129

Analysis Name: BTEX (8021)
Batch number: 09225A53A
Trifluorotoluene-P

5747497	132*
5747499	98
Blank	97

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates

Group Number: 1157297

Reported: 08/21/09 at 02:03 PM

Surrogate Quality Control

LCS	98
LCSD	99
MS	98
MSD	98

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09225A53B

Trifluorotoluene-P

5747499	103
5747501	99
Blank	98
LCS	98
LCSD	99
MS	98
MSD	98

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09231A53A

Trifluorotoluene-P

5747498	98
Blank	99
LCS	99
LCSD	99
MS	99

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09232A53A

Trifluorotoluene-P

5747497	102
5747500	96
Blank	98
LCS	100
LCSD	99

Limits: 69-129

*- Outside of specification

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



For Lancaster Laboratories use only

Acct. # 11713

Group#

#5747497-060

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217845

Group# 1
Fo

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

1 Client: <u>CRA</u>		Accl. #: _____		Project Name/ID: <u>3, Eunice, GP/055071</u>		PWSID #: _____		Project Manager: <u>James Ornelas</u>		P.O.#: _____		Quote #: _____			
Sampler: <u>CE/CC/JP/L</u>		Name of state where samples were collected: <u>NM</u>													
2		3		4		5		6							
Sample Identification		Date Collected		Time Collected		Grab		Soil		Water		Sediment		Total # of Containers	
<u>Temp</u> <u>Temp</u>		—		—		—		—		—		—		—	
Temp		—		—		—		—		—		—		—	
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Temp		—		—											

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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ANALYTICAL RESULTS

Prepared for:

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

713-734-3090

Prepared by:

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

September 02, 2009

SAMPLE GROUP

The sample group for this submittal is 1157817. Samples arrived at the laboratory on Saturday, August 15, 2009. The PO# for this group is 4023835 and the release number is EUNICE SOUTH GP.

Client Description**Lancaster Labs Number**

MW-4 81209 Grab Water Sample	5750747
MW-15 81209 Grab Water Sample	5750748
TMW-1 81209 Grab Water Sample	5750749
MW-32 81209 Grab Water Sample	5750750
MW-30 81309 Grab Water Sample	5750751
MW-34 81309 Grab Water Sample	5750752
MW-3 81309 Grab Water Sample	5750753
MW-29 81309 Grab Water Sample	5750754
MW-22 81309 Grab Water Sample	5750755
MW-9 81409 Grab Water Sample	5750756
MW-31 81409 Grab Water Sample	5750757
MW-25 81409 Grab Water Sample	5750758
MWD11-081209 Grab Water Sample	5750759
MWD2-81209 Grab Water Sample	5750760
MWD15-81209 Grab Water Sample	5750761
MWD17-81209 Grab Water Sample	5750762
MWD5-81209 Grab Water Sample	5750763
MWD17-81209 Grab Water Sample	5750764

METHODOLOGY



Analysis Report

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

ELECTRONIC COPY TO	Conestoga-Rovers & Associates	Attn: Pat Lynch
ELECTRONIC COPY TO	Conestoga-Rovers & Associates	Attn: James Ornelas
ELECTRONIC COPY TO	LLI	Attn: EDD Group - Report

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

Respectfully Submitted,


Robert Strocko Jr.
Manager

Lancaster Laboratories Sample No. WW 5750747

Group No. 1157817

MW-4 81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 10:30 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

4812-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0548	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	3,600	400	1000
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	6,940	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 13:04	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 13:04	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:55	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 09:55	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 09:55	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:55	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 09:55	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 09:55	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 09:55	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:09	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750747

Group No. 1157817
NM

MW-4 81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 10:30 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

4812-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102A	08/25/2009 00:40	Joseph E McKenzie	1000
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5750748

Group No. 1157817

MW-15 81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 13:00 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

15812

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	3.3	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0252	0.0200	1
07046	Barium	7440-39-3	0.0428	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	2,560	200	500
	SM20 2540 C		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,810	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 13:28	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 13:28	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:58	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/24/2009 11:01	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 09:58	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:58	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 09:58	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 09:58	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 09:58	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:11	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750748

Group No. 1157817

NM

MW-15 81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 13:00 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

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Houston TX 77040

15812

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102A	08/20/2009 00:45	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1



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Lancaster Laboratories Sample No. WW 5750749

Group No. 1157817

TMW-1 81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 14:30 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

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6320 Rothway
Suite 100
Houston TX 77040

TM112

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0481	0.0200	1
07046	Barium	7440-39-3	1.02	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,070	200	500
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	2,130	240	1

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 13:51	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 13:51	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:01	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:01	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:01	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:01	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:01	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:01	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:01	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:12	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750749

Group No. 1157817
NM

TMW-1 81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 14:30 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

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Suite 100
Houston TX 77040

TM112

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102A	08/20/2009 01:01	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750750

Group No. 1157817

MW-32 81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 16:30 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

32812

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	2.8	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1

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

Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.70	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1

		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1

Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,180	200	500

		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,770	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 14:15	Marie D John	1
08213	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 14:15	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:04	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:04	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:04	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:04	Joanne M Gates	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750750

Group No. 1157817
NM

MW-32 81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 16:30 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

32812

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:04	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:04	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:04	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:14	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102A	08/20/2009 01:18	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1

Lancaster Laboratories Sample No. WW 5750751

Group No. 1157817

MW-30 81309 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/13/2009 10:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

30813

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	1.9	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0334	0.0200	1
07046	Barium	7440-39-3	0.544	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	795	200	500
	SM20 2540 C		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,250	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 14:39	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 14:39	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:14	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:14	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:14	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:14	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:14	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:14	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:14	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:15	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750751

Group No. 1157817
NM

MW-30 81309 Grab Water Sample
Eunice South Gas Plant

Collected: 08/13/2009 10:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

30813

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102A	08/20/2009 01:34	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5750752

Group No. 1157817

MW-34 81309 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/13/2009 11:45 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

34813

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	26	5.0	5
08213	Ethylbenzene	100-41-4	150	5.0	5
08213	Toluene	108-88-3	17	5.0	5
08213	Total Xylenes	1330-20-7	210	15	5
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	2.42	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	93.2	0.40	100
	SM20 2540 C		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	697	60.0	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53B	08/20/2009 12:36	Carrie E Miller	5
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53B	08/20/2009 12:36	Carrie E Miller	5
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:17	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:17	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:17	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:17	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:17	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:17	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:17	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:18	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750752

Group No. 1157817
NM

MW-34 81309 Grab Water Sample
Eunice South Gas Plant

Collected: 08/13/2009 11:45 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

34813

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	3	09237373101A	09/01/2009 18:59	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5750753

Group No. 1157817

MW-3 81309 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/13/2009 13:40 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

3813-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0591	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	423	200	500
	SM20 2540 C		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	706	60.0	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 15:02	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 15:02	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:20	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:20	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:20	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:20	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:20	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:20	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:20	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:19	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750753

Group No. 1157817
NM

MW-3 81309 Grab Water Sample
Eunice South Gas Plant

Collected: 08/13/2009 13:40 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

3813-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102A	08/20/2009 02:07	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750754

Group No. 1157817

MW-29 81309 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/13/2009 15:20 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

29813

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	49	1.0	1
08213	Ethylbenzene	100-41-4	51	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	29	3.0	1
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	7.79	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Mercury					
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	916	200	500
Total Dissolved Solids					
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,510	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53B	08/20/2009 12:12	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53B	08/20/2009 12:12	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:23	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:23	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:23	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:23	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:23	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:23	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:23	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:21	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750754

Group No. 1157817
NM

MW-29 81309 Grab Water Sample
Eunice South Gas Plant

Collected: 08/13/2009 15:20 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

29813

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102B	08/20/2009 02:23	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750755

Group No. 1157817

MW-22 81309 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/13/2009 17:10 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

22813

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	3,500	10	10
08213	Ethylbenzene	100-41-4	130	10	10
08213	Toluene	108-88-3	< 10	10	10
08213	Total Xylenes	1330-20-7	< 30	30	10
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0381	0.0200	1
07046	Barium	7440-39-3	0.707	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
Wet Chemistry					
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,990	400	1000
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	6,480	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 18:50	Marie D John	10
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 18:50	Marie D John	10
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:26	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:26	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:26	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:26	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:26	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:26	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:26	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:22	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750755

Group No. 1157817
NM

MW-22 81309 Grab Water Sample
Eunice South Gas Plant

Collected: 08/13/2009 17:10 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

22813

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102B	08/25/2009 02:07	Joseph E McKenzie	1000
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5750756

Group No. 1157817

MW-9 81409 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/14/2009 10:25 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

9-814

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	1,600	5.0	5
08213	Ethylbenzene	100-41-4	64	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0244	0.0200	1
07046	Barium	7440-39-3	8.95	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
SW-846 7470A					
			mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	802	200	500
SM20 2540 C					
			mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,540	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 19:14	Marie D John	5
08213	BTEX (8021)	SW-846 8021B	1	09231A53B	08/20/2009 14:13	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 19:14	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	2	09231A53B	08/20/2009 14:13	Carrie E Miller	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:29	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:29	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:29	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:29	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:29	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:29	Joanne M Gates	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750756

Group No. 1157817
NM

MW-9 81409 Grab Water Sample
Eunice South Gas Plant

Collected: 08/14/2009 10:25 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

9-814

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:29	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:23	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102B	08/20/2009 04:01	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5750757

Group No. 1157817

MW-31 81409 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/14/2009 12:15 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

81431

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	2,000	5.0	5
08213	Ethylbenzene	100-41-4	180	5.0	5
08213	Toluene	108-88-3	< 5.0	5.0	5
08213	Total Xylenes	1330-20-7	< 15	15	5
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0365	0.0200	1
07046	Barium	7440-39-3	6.54	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	844	200	500
	SM20 2540 C		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	1,500	120	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 19:38	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 19:38	Marie D John	5
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 10:33	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	092325705002	08/21/2009 10:33	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	092325705002	08/21/2009 10:33	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 10:33	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	092325705002	08/21/2009 10:33	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	092325705002	08/21/2009 10:33	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092325705002	08/21/2009 10:33	Joanne M Gates	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:24	Damary Valentin	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750757

Group No. 1157817
NM

MW-31 81409 Grab Water Sample
Eunice South Gas Plant

Collected: 08/14/2009 12:15 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

81431

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102B	08/20/2009 04:18	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750758

Group No. 1157817

MW-25 81409 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/14/2009 14:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

25814

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	8,200	25	25
08213	Ethylbenzene	100-41-4	780	20	20
08213	Toluene	108-88-3	< 20	20	20
08213	Total Xylenes	1330-20-7	< 60	60	20

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

Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	1.49	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1

		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1

Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	1,940	200	500

		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,570	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

The maximum amount of preservative was added to this sample for metals analysis and the pH remained >2. An additional 3mls of HNO3 was added to the sample and the final pH was <2.

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

Laboratory Sample Analysis Record

Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213 BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 20:02	Marie D John	20
08213 BTEX (8021)	SW-846 8021B	1	09231A53B	08/20/2009 15:23	Carrie E Miller	25



Analysis Report

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Lancaster Laboratories Sample No. WW 5750758

Group No. 1157817
NM

MW-25 81409 Grab Water Sample
Eunice South Gas Plant

Collected: 08/14/2009 14:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

25814

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 20:02	Marie D John	20
01146	GC VOA Water Prep	SW-846 5030B	2	09231A53B	08/20/2009 15:23	Carrie E Miller	25
07035	Arsenic	SW-846 6010B	1	092335705004	08/24/2009 22:43	John P Hook	1
07046	Barium	SW-846 6010B	1	092335705004	08/24/2009 22:43	John P Hook	1
07049	Cadmium	SW-846 6010B	1	092335705004	08/24/2009 22:43	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705004	08/24/2009 22:43	John P Hook	1
07055	Lead	SW-846 6010B	1	092335705004	08/24/2009 22:43	John P Hook	1
07036	Selenium	SW-846 6010B	1	092335705004	08/24/2009 22:43	John P Hook	1
07066	Silver	SW-846 6010B	1	092335705004	08/24/2009 22:43	John P Hook	1
00259	Mercury	SW-846 7470A	1	092335713004	08/25/2009 07:45	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705004	08/21/2009 22:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
05713	WW SW846 Hg Digest	SW-846 7470A	2	092335713004	08/21/2009 22:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09231373102B	08/20/2009 04:34	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09230021202A	08/18/2009 10:09	Susan A Engle	1

Lancaster Laboratories Sample No. WW 5750759

Group No. 1157817

MWD11-081209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 10:50 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

D1112

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	3.5	1.0	1
08213	Ethylbenzene	100-41-4	1.2	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0849	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,460	200	500
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,370	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 15:26	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 15:26	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092335705004	08/24/2009 22:47	John P Hook	1
07046	Barium	SW-846 6010B	1	092335705004	08/24/2009 22:47	John P Hook	1
07049	Cadmium	SW-846 6010B	1	092335705004	08/24/2009 22:47	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705004	08/24/2009 22:47	John P Hook	1
07055	Lead	SW-846 6010B	1	092335705004	08/24/2009 22:47	John P Hook	1
07036	Selenium	SW-846 6010B	1	092335705004	08/24/2009 22:47	John P Hook	1
07066	Silver	SW-846 6010B	1	092335705004	08/24/2009 22:47	John P Hook	1
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:25	Damary Valentin	1



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Lancaster Laboratories Sample No. WW 5750759

Group No. 1157817

MWD11-081209 Grab Water Sample

Eunice South Gas Plant

NM

Collected: 08/12/2009 10:50 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Reported: 09/02/2009 at 15:00

Discard: 10/03/2009

Conestoga-Rovers & Associates

6320 Rothway

Suite 100

Houston TX 77040

D1112

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705004	08/21/2009 22:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102B	08/20/2009 04:50	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1



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Lancaster Laboratories Sample No. WW 5750760

Group No. 1157817

MWD2-81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 12:00 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

D2812

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	3.5	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07046	Barium	7440-39-3	0.0877	0.0250	5
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0750	0.0750	5
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0250	0.0250	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.					
SW-846 7470A					
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	18,200	2,000	5000
SM20 2540 C					
00212	Total Dissolved Solids	n.a.	25,900	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 15:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 15:50	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092335705004	08/24/2009 23:00	John P Hook	1
07046	Barium	SW-846 6010B	1	092335705004	08/26/2009 10:15	Eric L Eby	5
07049	Cadmium	SW-846 6010B	1	092335705004	08/24/2009 23:00	John P Hook	1
07051	Chromium	SW-846 6010B	2	092335705004	08/26/2009 10:15	Eric L Eby	5
07055	Lead	SW-846 6010B	1	092335705004	08/24/2009 23:00	John P Hook	1
07036	Selenium	SW-846 6010B	1	092335705004	08/24/2009 23:00	John P Hook	1



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Lancaster Laboratories Sample No. WW 5750760

Group No. 1157817
NM

MWD2-81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 12:00 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

D2812

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092335705004	08/26/2009 10:15	Eric L Eby	5
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:26	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705004	08/21/2009 22:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102B	08/25/2009 02:24	Joseph E McKenzie	5000
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	10

Lancaster Laboratories Sample No. WW 5750761

Group No. 1157817

MWD15-81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 13:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

D1512

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	300	1.0	1
08213	Ethylbenzene	100-41-4	120	1.0	1
08213	Toluene	108-88-3	1.1	1.0	1
08213	Total Xylenes	1330-20-7	29	3.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.100	0.100	5
07046	Barium	7440-39-3	0.377	0.0250	5
07049	Cadmium	7440-43-9	< 0.0250	0.0250	5
07051	Chromium	7440-47-3	< 0.0750	0.0750	5
07055	Lead	7439-92-1	< 0.0750	0.0750	5
07036	Selenium	7782-49-2	< 0.100	0.100	5
07066	Silver	7440-22-4	< 0.0250	0.0250	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.					
SW-846 7470A					
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	26,500	4,000	10000
	SM20 2540 C		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	31,500	6,000	10

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 16:14	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 16:14	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092335705004	08/26/2009 10:20	Eric L Eby	5
07046	Barium	SW-846 6010B	1	092335705004	08/26/2009 10:20	Eric L Eby	5
07049	Cadmium	SW-846 6010B	1	092335705004	08/26/2009 10:20	Eric L Eby	5
07051	Chromium	SW-846 6010B	2	092335705004	08/26/2009 10:20	Eric L Eby	5
07055	Lead	SW-846 6010B	1	092335705004	08/26/2009 10:20	Eric L Eby	5
07036	Selenium	SW-846 6010B	1	092335705004	08/26/2009 10:20	Eric L Eby	5



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Lancaster Laboratories Sample No. WW 5750761

Group No. 1157817
NM

MWD15-81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 13:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

D1512

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092335705004	08/26/2009 10:20	Eric L Eby	5
00259	Mercury	SW-846 7470A	1	092305713008	08/24/2009 10:27	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705004	08/21/2009 22:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092305713008	08/18/2009 09:45	Debra A Bryan	1
00224	Chloride	EPA 300.0	1	09231373102B	08/25/2009 02:42	Joseph E McKenzie	10000
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	10



Analysis Report

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Lancaster Laboratories Sample No. WW 5750762

Group No. 1157817

MWD17-81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 14:00 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

D1712

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	3,200	10	10
08213	Ethylbenzene	100-41-4	68	1.0	1
08213	Toluene	108-88-3	7.0	1.0	1
08213	Total Xylenes	1330-20-7	45	3.0	1

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

Metals Dissolved	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	0.616	0.100	5
07046	Barium	7440-39-3	0.169	0.0250	5
07049	Cadmium	7440-43-9	< 0.0250	0.0250	5
07051	Chromium	7440-47-3	< 0.0750	0.0750	5
07055	Lead	7439-92-1	< 0.0750	0.0750	5
07036	Selenium	7782-49-2	< 0.100	0.100	5
07066	Silver	7440-22-4	< 0.0250	0.0250	5

The quantitation limits for ICP metals were raised due to the nature of the sample matrix.

	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09231A53A	08/19/2009 17:38	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09231A53B	08/20/2009 15:47	Carrie E Miller	10
01146	GC VOA Water Prep	SW-846 5030B	1	09231A53A	08/19/2009 17:38	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	2	09231A53B	08/20/2009 15:47	Carrie E Miller	10
07035	Arsenic	SW-846 6010B	1	092335705004	08/26/2009 10:24	Eric L Eby	5
07046	Barium	SW-846 6010B	1	092335705004	08/26/2009 10:24	Eric L Eby	5
07049	Cadmium	SW-846 6010B	1	092335705004	08/26/2009 10:24	Eric L Eby	5
07051	Chromium	SW-846 6010B	2	092335705004	08/26/2009 10:24	Eric L Eby	5
07055	Lead	SW-846 6010B	1	092335705004	08/26/2009 10:24	Eric L Eby	5
07036	Selenium	SW-846 6010B	1	092335705004	08/26/2009 10:24	Eric L Eby	5



Analysis Report

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Lancaster Laboratories Sample No. WW 5750762

Group No. 1157817
NM

MWD17-81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 14:00 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

D1712

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07066	Silver	SW-846 6010B	1	092335705004	08/26/2009 10:24	Eric L Eby	5
00259	Mercury	SW-846 7470A	1	092335713004	08/25/2009 07:47	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705004	08/21/2009 22:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092335713004	08/21/2009 22:30	Mirit S Shenouda	1

Lancaster Laboratories Sample No. WW 5750763

Group No. 1157817

MWD5-81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 15:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

D5812

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	5,700	250	250
08213	Ethylbenzene	100-41-4	< 250	250	250
08213	Toluene	108-88-3	< 250	250	250
08213	Total Xylenes	1330-20-7	< 750	750	250

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

The reporting limits were raised because sample dilution was necessary to bring internal standard within the QC limits.

Metals Dissolved		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.116	0.0200	1
07046	Barium	7440-39-3	5.69	0.0250	5
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1

		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1

Wet Chemistry		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	2,240	200	500
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	4,530	600	1

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213 BTEX (8021)	SW-846 8021B	1	09231A53B	08/20/2009 16:52	Carrie E Miller	250
01146 GC VOA Water Prep	SW-846 5030B	1	09231A53B	08/20/2009 16:52	Carrie E Miller	250
07035 Arsenic	SW-846 6010B	1	092335705004	08/24/2009 23:14	John P Hook	1
07046 Barium	SW-846 6010B	1	092335705004	08/26/2009 10:37	Eric L Eby	5



Analysis Report

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Lancaster Laboratories Sample No. WW 5750763

Group No. 1157817
NM

MWD5-81209 Grab Water Sample
Eunice South Gas Plant

Collected: 08/12/2009 15:05 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00
Reported: 09/02/2009 at 15:00
Discard: 10/03/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

D5812

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07049	Cadmium	SW-846 6010B	1	092335705004	08/24/2009 23:14	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705004	08/24/2009 23:14	John P Hook	1
07055	Lead	SW-846 6010B	1	092335705004	08/24/2009 23:14	John P Hook	1
07036	Selenium	SW-846 6010B	1	092335705004	08/24/2009 23:14	John P Hook	1
07066	Silver	SW-846 6010B	1	092335705004	08/24/2009 23:14	John P Hook	1
00259	Mercury	SW-846 7470A	1	092335713004	08/25/2009 07:52	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705004	08/21/2009 22:30	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092335713004	08/21/2009 22:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09231373102B	08/20/2009 05:39	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5750764

Group No. 1157817

MWD17-81209 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/12/2009 14:00 by CE

Account Number: 11713

Submitted: 08/15/2009 10:00

Conestoga-Rovers & Associates

Reported: 09/02/2009 at 15:00

6320 Rothway

Discard: 10/03/2009

Suite 100

Houston TX 77040

D9811

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry					
00224	Chloride	EPA 300.0 16887-00-6	mg/l 46,500	mg/l 4,000	10000
SM20 2540 C					
00212	Total Dissolved Solids	n.a.	mg/l 67,800	mg/l 6,000	10

General Sample Comments

Blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00224	Chloride	EPA 300.0	1	09231373102B	08/25/2009 02:59	Joseph E McKenzie	10000
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	10

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 09/02/09 at 03:00 PM

Group Number: 1157817

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09231A53A	Sample number(s): 5750747-5750751, 5750753, 5750755-5750762							
Benzene	< 1.0	1.0	ug/l	120	120	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	115	115	80-120	0	30
Batch number: 09231A53B	Sample number(s): 5750752, 5750754, 5750756, 5750758, 5750762-5750763							
Benzene	< 1.0	1.0	ug/l	120	120	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	115	115	80-120	0	30
Batch number: 092305713008	Sample number(s): 5750747-5750757, 5750759-5750761							
Mercury	< 0.00020	0.00020	mg/l	95		80-120		
Batch number: 092325705002	Sample number(s): 5750747-5750757							
Arsenic	< 0.0200	0.0200	mg/l	105		80-120		
Barium	< 0.0050	0.0050	mg/l	104		90-110		
Cadmium	< 0.0050	0.0050	mg/l	103		90-112		
Chromium	< 0.0150	0.0150	mg/l	99		90-110		
Lead	< 0.0150	0.0150	mg/l	102		80-120		
Selenium	< 0.0200	0.0200	mg/l	109		80-120		
Silver	< 0.0050	0.0050	mg/l	110		83-120		
Batch number: 092335705004	Sample number(s): 5750758-5750763							
Arsenic	< 0.0200	0.0200	mg/l	100		80-120		
Barium	< 0.0050	0.0050	mg/l	99		90-110		
Cadmium	< 0.0050	0.0050	mg/l	99		90-112		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Lead	< 0.0150	0.0150	mg/l	97		80-120		
Selenium	< 0.0200	0.0200	mg/l	103		80-120		
Silver	< 0.0050	0.0050	mg/l	109		83-120		
Batch number: 092335713004	Sample number(s): 5750758, 5750762-5750763							
Mercury	< 0.00020	0.00020	mg/l	93		80-120		
Batch number: 09231373102A	Sample number(s): 5750747-5750751, 5750753							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Batch number: 09231373102B	Sample number(s): 5750754-5750761, 5750763-5750764							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Batch number: 09237373101A	Sample number(s): 5750752							
Chloride	< 0.40	0.40	mg/l	104		90-110		
Batch number: 09229021202A	Sample number(s): 5750747-5750750, 5750759-5750761, 5750763-5750764							
Total Dissolved Solids	< 30.0	30.0	mg/l	96		80-120		

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 09/02/09 at 03:00 PM

Group Number: 1157817

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09230021202A	Sample number(s): 5750751-5750758							
Total Dissolved Solids	< 30.0	30.0	mg/l	106		80-120		

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 09231A53A	Sample number(s): 5750747-5750751, 5750753, 5750755-5750762 UNSPK: 5750747								
Benzene	125		70-152						
Ethylbenzene	120		75-133						
Toluene	120		78-129						
Total Xylenes	122		67-155						
Batch number: 09231A53B	Sample number(s): 5750752, 5750754, 5750756, 5750758, 5750762-5750763 UNSPK: 5750747								
Benzene	125		70-152						
Ethylbenzene	120		75-133						
Toluene	120		78-129						
Total Xylenes	122		67-155						
Batch number: 092305713008	Sample number(s): 5750747-5750757, 5750759-5750761 UNSPK: P749429 BKG: P749429								
Mercury	12*	0*	80-120	200*	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 092325705002	Sample number(s): 5750747-5750757 UNSPK: P748266 BKG: P748266								
Arsenic	107	106	75-125	1	20	< 0.0200	< 0.0200	7 (1)	20
Barium	104	105	78-118	0	20	0.0598	0.0594	1	20
Cadmium	102	101	83-116	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	99	99	81-120	0	20	0.0307	0.0311	1 (1)	20
Lead	103	101	75-125	2	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	113	113	75-125	0	20	< 0.0200	< 0.0200	0 (1)	20
Silver	110	110	75-125	0	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 092335705004	Sample number(s): 5750758-5750763 UNSPK: P752603 BKG: P752603								
Arsenic	110	109	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Barium	93	94	78-118	1	20	0.342	0.351	3	20
Cadmium	96	94	83-116	2	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	99	98	81-120	0	20	< 0.0150	< 0.0150	0 (1)	20
Lead	91	90	75-125	1	20	< 0.0150	< 0.0150	0 (1)	20
Selenium	110	108	75-125	2	20	< 0.0200	< 0.0200	0 (1)	20
Silver	109	107	75-125	2	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 092335713004	Sample number(s): 5750758, 5750762-5750763 UNSPK: 5750762 BKG: 5750762								
Mercury	45*	43*	80-120	4	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 09231373102A	Sample number(s): 5750747-5750751, 5750753 UNSPK: P749423 BKG: P749423								
Chloride	130*		90-110			582	616	6	20
Batch number: 09231373102B	Sample number(s): 5750754-5750761, 5750763-5750764 UNSPK: 5750754 BKG: 5750754								
Chloride	73*		90-110			916	637	36* (1)	20

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates

Group Number: 1157817

Reported: 09/02/09 at 03:00 PM

Sample Matrix Quality Control

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

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09237373101A Chloride	Sample number(s): 5750752 UNSPK: P758346 BKG: P758346 107 90-110 143 147 3 20								
Batch number: 09229021202A	Sample number(s): 5750747-5750750, 5750759-5750761, 5750763-5750764 UNSPK: P748640 BKG: P748640								
Total Dissolved Solids	102	101	54-143	1	12	22,900	22,700	1	9
Batch number: 09230021202A	Sample number(s): 5750751-5750758 UNSPK: P750284 BKG: P750284								
Total Dissolved Solids	103	101	54-143	1	12	129	129	0 (1)	9

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

Batch number: 09231A53A

Trifluorotoluene-P

5750747	99
5750748	99
5750749	98
5750750	99
5750751	99
5750753	99
5750755	102
5750756	104
5750757	104
5750758	104
5750759	99
5750760	97
5750761	95
5750762	131*
Blank	99
LCS	99
LCSD	99
MS	99

Limits: 69-129

Analysis Name: BTEX (8021)

Batch number: 09231A53B

Trifluorotoluene-P

5750752	99
5750754	89
5750756	102
5750758	105
5750762	105

*- Outside of specification

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

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 09/02/09 at 03:00 PM

Group Number: 1157817

Surrogate Quality Control

5750763	97
Blank	99
LCS	99
LCSD	99
MS	99

Limits: 69-129

*- Outside of specification

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



For Lancaster Laboratories use only

Acct. # 11713

Group#	Sample #
1157817	

COC # 217512

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

For Lab Use Only

ESC

SCR#: 79085

Project Name/#:	S. tunice GP./05527	PWSID #:
-----------------	---------------------	----------

Project Manager: James Dryden
P.O.#:

Sampler: CE/CC/PP/L

Name of state where samples were collected: NM

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 1 CRA </div>		Client: Acct. #: _____	
Project Name#: PWSID #: <u>S. Eunice Gap / 055271</u>		Project Manager: <u>James Dineolas</u> P.O.#: _____	
Sampler: <u>CE/CC/JP/JL</u> Quote #: _____		Name of state where samples were collected: <u>NM</u>	

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 2 Sample Identification </div>		Date Collected	Time Collected
MW-4	81209	8-12-09	1030
MW-15	81209	8-12-09	1300
TAW-1	81209	8-12-09	1430
MW-32	81209	8-12-09	1630
MW-30	81309	8-13-09	1005
MW-34	81309	8-13-09	1145
MW-3	81309	8-13-09	1340
MW-29	81309	8-13-09	1520
MW-22	81309	8-13-09	1710
MW-9	81409	8-14-09	1025

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 3 Data Package Options </div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 4 Preservation Codes </div>	
Turnaround Time Requested (TAT) (please circle): <u>Normal</u> Rush <small>(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)</small>		Relinquished by: <u>Steve</u> Date: <u>7-29-09</u> Time: <u>1105</u> Received by: <u>Ch</u>	
Date results are needed: _____ Rush results requested by (please circle): _____ Phone _____ Fax _____ E-mail _____ Phone #: _____ Fax #: _____		Relinquished by: _____ Date: <u>8-14-09</u> Time: <u>1630</u> Received by: _____	
E-mail address: _____		Relinquished by: _____ Date: _____ Time: _____ Received by: _____	

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 5 Analyses Requested </div>	
Total # of Containers: <u>5</u> Water: <input checked="" type="checkbox"/> NPOB Address Soil: <input type="checkbox"/> NPOB Address Composite: <input type="checkbox"/> NPOB Address	H/O: <u>N/O</u> <u>0</u> <u>0</u> Dissolved Metals: <u>601B</u> TDS: <u>2540C</u> Chlorides: <u>325.3</u>

<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 6 Data Package Options </div>		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> 7 SDG Complete? </div>	
Type I (validation/NJ Reg)	TX TRRP-13	Yes	No
Type II (Tier II)	MA MCP	Yes	No
Type III (Reduced NJ)	Site-specific QC (MS/MSD/Dup)?	Yes	No
Type IV (CLP SOW)	Internal COC Required? (if yes, indicate QC sample and submit triplicate volume)	Yes	No
Type VI (Raw Data Only)	Internal COC Required? Yes / No	Yes	No



For Laboratory Use Only

Acct. # 11713 Group# 1157817 Sample # 5-750747-64 **COC #** 217513

COC # 217513

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

[illegible]

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

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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ANALYTICAL RESULTS

Prepared for:

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

713-734-3090

Prepared by:

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

September 03, 2009

SAMPLE GROUP

The sample group for this submittal is 1158519. Samples arrived at the laboratory on Thursday, August 20, 2009. The PO# for this group is 4023835 and the release number is EUNICE SOUTH GP.

Client Description

MWD981709 Grab Water Sample
MWD381809 Grab Water Sample
RW781709 Grab Water Sample
RW681709 Grab Water Sample
Trip Water Sample

Lancaster Labs Number

5755000
5755001
5755002
5755003
5755004

METHODOLOGY

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

ELECTRONIC Conestoga-Rovers & Associates
COPY TO
ELECTRONIC Conestoga-Rovers & Associates
COPY TO
ELECTRONIC LLI
COPY TO

Attn: Pat Lynch

Attn: James Ornelas

Attn: EDD Group - Report



Analysis Report

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

Respectfully Submitted,

Martha L. Seidel

Martha L. Seidel
Senior Chemist

Lancaster Laboratories Sample No. WW 5755000

Group No. 1158519

MWD981709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/17/2009 13:00 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05

Conestoga-Rovers & Associates

Reported: 09/03/2009 at 15:56

6320 Rothway

Discard: 10/04/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	13	1.0	1
08213	Ethylbenzene	100-41-4	1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.					
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.100	0.100	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.					
07046	Barium	7440-39-3	0.0852	0.0250	5
07049	Cadmium	7440-43-9	< 0.0250	0.0250	5
07051	Chromium	7440-47-3	< 0.0750	0.0750	5
07055	Lead	7439-92-1	< 0.0750	0.0750	5
07036	Selenium	7782-49-2	< 0.100	0.100	5
07066	Silver	7440-22-4	< 0.0250	0.0250	5
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	20,900	2,000	5000
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	39,600	6,000	10

General Sample Comments

This sample was field filtered for dissolved metals.

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

Laboratory Sample Analysis Record

CAT	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07013	BTEX (8021)	SW-846 8021B	1	09232A53B	08/24/2009 03:40	Marie D John	1
07014	GC VOA Water Prep	SW-846 5030B	1	09232A53B	08/24/2009 03:40	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/28/2009 13:51	Eric L Eby	5
07046	Barium	SW-846 6010B	1	092375705004	08/28/2009 13:51	Eric L Eby	5
07049	Cadmium	SW-846 6010B	1	092375705004	08/28/2009 13:51	Eric L Eby	5



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Lancaster Laboratories Sample No. WW 5755000

Group No. 1158519
NM

MWD981709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/17/2009 13:00 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05
Reported: 09/03/2009 at 15:56
Discard: 10/04/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07051	Chromium	SW-846 6010B	1	092375705004	08/28/2009 13:51	Eric L Eby	5
07055	Lead	SW-846 6010B	1	092375705004	08/28/2009 13:51	Eric L Eby	5
07036	Selenium	SW-846 6010B	1	092375705004	08/28/2009 13:51	Eric L Eby	5
07066	Silver	SW-846 6010B	1	092375705004	08/28/2009 13:51	Eric L Eby	5
00259	Mercury	SW-846 7470A	1	092375713001	08/27/2009 12:33	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092375713001	08/25/2009 07:28	Damary Valentin	1
00224	Chloride	EPA 300.0	1	09241196602B	08/30/2009 15:50	Ashley M Adams	5000
00212	Total Dissolved Solids	SM20 2540 C	1	09233021202A	08/21/2009 08:37	Susan A Engle	10

Lancaster Laboratories Sample No. WW 5755001

Group No. 1158519

MWD381809 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/18/2009 13:30 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05

Conestoga-Rovers & Associates

Reported: 09/03/2009 at 15:56

6320 Rothway

Discard: 10/04/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	4,100	10	10
08213	Ethylbenzene	100-41-4	120	10	10
08213	Toluene	108-88-3	< 10	10	10
08213	Total Xylenes	1330-20-7	< 30	30	10
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.100	0.100	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.					
07046	Barium	7440-39-3	0.744	0.0250	5
07049	Cadmium	7440-43-9	< 0.0250	0.0250	5
07051	Chromium	7440-47-3	< 0.0750	0.0750	5
07055	Lead	7439-92-1	< 0.0750	0.0750	5
07036	Selenium	7782-49-2	< 0.100	0.100	5
07066	Silver	7440-22-4	< 0.0250	0.0250	5
SW-846 7470A					
			mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	48,200	4,000	10000
SM20 2540 C					
			mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	84,000	12,000	50

General Sample Comments

This sample was field filtered for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09232A53B	08/24/2009 08:01	Marie D John	10
01146	GC VOA Water Prep	SW-846 5030B	1	09232A53B	08/24/2009 08:01	Marie D John	10
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 23:23	John P Hook	5
07046	Barium	SW-846 6010B	1	092375705004	08/27/2009 23:23	John P Hook	5
07049	Cadmium	SW-846 6010B	1	092375705004	08/27/2009 23:23	John P Hook	5
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 23:23	John P Hook	5
07055	Lead	SW-846 6010B	1	092375705004	08/28/2009 14:17	Eric L Eby	5
07036	Selenium	SW-846 6010B	1	092375705004	08/27/2009 23:23	John P Hook	5
07066	Silver	SW-846 6010B	1	092375705004	08/27/2009 23:23	John P Hook	5



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Lancaster Laboratories Sample No. WW 5755001

Group No. 1158519

MWD381809 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/18/2009 13:30 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05

Conestoga-Rovers & Associates

Reported: 09/03/2009 at 15:56

6320 Rothway

Discard: 10/04/2009

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Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	092375713001	08/27/2009 12:34	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092375713001	08/25/2009 07:28	Damary Valentin	1
00224	Chloride	EPA 300.0	1	09241196602B	09/02/2009 11:29	K. Robert Caulfeild-James	10000
00212	Total Dissolved Solids	SM20 2540 C	1	09233021202A	08/21/2009 08:37	Susan A Engle	50

Lancaster Laboratories Sample No. WW 5755002

Group No. 1158519

RW781709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/17/2009 13:10 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05

Conestoga-Rovers & Associates

Reported: 09/03/2009 at 15:56

6320 Rothway

Discard: 10/04/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	17	1.0	1
08213	Ethylbenzene	100-41-4	4.5	1.0	1
08213	Toluene	108-88-3	1.5	1.0	1
08213	Total Xylenes	1330-20-7	3.8	3.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.100	0.100	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.					
07046	Barium	7440-39-3	0.0764	0.0250	5
07049	Cadmium	7440-43-9	< 0.0250	0.0250	5
07051	Chromium	7440-47-3	< 0.0750	0.0750	5
07055	Lead	7439-92-1	< 0.0750	0.0750	5
07036	Selenium	7782-49-2	< 0.100	0.100	5
07066	Silver	7440-22-4	< 0.0250	0.0250	5
SW-846 7470A					
	mg/l		mg/l		
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	58,600	4,000	10000
SM20 2540 C					
	mg/l		mg/l		
00212	Total Dissolved Solids	n.a.	104,000	12,000	50

General Sample Comments

This sample was field filtered for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09232A53B	08/24/2009 04:04	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09232A53B	08/24/2009 04:04	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 23:14	John P Hook	5
07046	Barium	SW-846 6010B	1	092375705004	08/27/2009 23:14	John P Hook	5
07049	Cadmium	SW-846 6010B	1	092375705004	08/27/2009 23:14	John P Hook	5
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 23:14	John P Hook	5
07055	Lead	SW-846 6010B	1	092375705004	08/28/2009 14:21	Eric L Eby	5
07036	Selenium	SW-846 6010B	1	092375705004	08/27/2009 23:14	John P Hook	5
07066	Silver	SW-846 6010B	1	092375705004	08/27/2009 23:14	John P Hook	5



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Lancaster Laboratories Sample No. WW 5755002

Group No. 1158519
NM

RW781709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/17/2009 13:10 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05
Reported: 09/03/2009 at 15:56
Discard: 10/04/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	092375713001	08/27/2009 12:35	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092375713001	08/25/2009 07:28	Damary Valentin	1
00224	Chloride	EPA 300.0	1	09241196602B	09/02/2009 13:06	K. Robert Caulfeild-James	10000
00212	Total Dissolved Solids	SM20 2540 C	1	09233021202A	08/21/2009 08:37	Susan A Engle	50

Lancaster Laboratories Sample No. WW 5755003

Group No. 1158519

RW681709 Grab Water Sample
Eunice South Gas Plant

NM

Collected: 08/17/2009 13:20 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05

Conestoga-Rovers & Associates

Reported: 09/03/2009 at 15:56

6320 Rothway

Discard: 10/04/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
	SW-846 8021B		ug/l	ug/l	
08213	Benzene	71-43-2	23	1.0	1
08213	Ethylbenzene	100-41-4	9.5	1.0	1
08213	Toluene	108-88-3	7.8	1.0	1
08213	Total Xylenes	1330-20-7	11	3.0	1
Metals Dissolved					
	SW-846 6010B		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.100	0.100	5
The quantitation limits for ICP metals were raised due to the nature of the sample matrix.					
07046	Barium	7440-39-3	0.409	0.0250	5
07049	Cadmium	7440-43-9	< 0.0250	0.0250	5
07051	Chromium	7440-47-3	< 0.0750	0.0750	5
07055	Lead	7439-92-1	< 0.0750	0.0750	5
07036	Selenium	7782-49-2	< 0.100	0.100	5
07066	Silver	7440-22-4	< 0.0250	0.0250	5
	SW-846 7470A		mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
	EPA 300.0		mg/l	mg/l	
00224	Chloride	16887-00-6	32,400	4,000	10000
	SM20 2540 C		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	61,300	6,000	10

General Sample Comments

This sample was field filtered for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09232A53B	08/24/2009 04:28	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09232A53B	08/24/2009 04:28	Marie D John	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 23:18	John P Hook	5
07046	Barium	SW-846 6010B	1	092375705004	08/27/2009 23:18	John P Hook	5
07049	Cadmium	SW-846 6010B	1	092375705004	08/27/2009 23:18	John P Hook	5
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 23:18	John P Hook	5
07055	Lead	SW-846 6010B	1	092375705004	08/28/2009 14:34	Eric L Eby	5
07036	Selenium	SW-846 6010B	1	092375705004	08/27/2009 23:18	John P Hook	5
07066	Silver	SW-846 6010B	1	092375705004	08/27/2009 23:18	John P Hook	5



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Lancaster Laboratories Sample No. WW 5755003

Group No. 1158519
NM

RW681709 Grab Water Sample
Eunice South Gas Plant

Collected: 08/17/2009 13:20 by JM

Account Number: 11713

Submitted: 08/20/2009 09:05
Reported: 09/03/2009 at 15:56
Discard: 10/04/2009

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00259	Mercury	SW-846 7470A	1	092375713001	08/27/2009 12:36	Damary Valentin	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092375713001	08/25/2009 07:28	Damary Valentin	1
00224	Chloride	EPA 300.0	1	09241196602B	08/30/2009 16:48	Ashley M Adams	10000
00212	Total Dissolved Solids	SM20 2540 C	1	09233021202A	08/21/2009 08:37	Susan A Engle	10



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Lancaster Laboratories Sample No. WW 5755004

Group No. 1158519

NM

Trip Water Sample
Eunice South Gas Plant

Collected: 08/17/2009

Account Number: 11713

Submitted: 08/20/2009 09:05

Conestoga-Rovers & Associates

Reported: 09/03/2009 at 15:56

6320 Rothway

Discard: 10/04/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	< 1.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	< 1.0	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01146	GC VOA Water Prep	SW-846 5030B	1	09232A53B	08/24/2009 02:05	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09232A53B	08/24/2009 02:05	Marie D John	1

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 09/03/09 at 03:56 PM

Group Number: 1158519

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09232A53B	Sample number(s): 5755000-5755004							
Benzene	< 1.0	1.0	ug/l	120	120	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Total Xylenes	< 3.0	3.0	ug/l	113	113	80-120	0	30
Batch number: 092375705004	Sample number(s): 5755000-5755003							
Arsenic	< 0.0200	0.0200	mg/l	100		80-120		
Barium	< 0.0050	0.0050	mg/l	98		90-110		
Cadmium	< 0.0050	0.0050	mg/l	100		90-112		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Lead	< 0.0150	0.0150	mg/l	105		80-120		
Selenium	< 0.0200	0.0200	mg/l	105		80-120		
Silver	< 0.0050	0.0050	mg/l	97		83-120		
Batch number: 092375713001	Sample number(s): 5755000-5755003							
Mercury	< 0.00020	0.00020	mg/l	115		80-120		
Batch number: 09241196602B	Sample number(s): 5755000-5755003							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Batch number: 09233021202A	Sample number(s): 5755000-5755003							
Total Dissolved Solids	< 30.0	30.0	mg/l	105		80-120		

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 09232A53B	Sample number(s): 5755000-5755004 UNSPK: P755085								
Benzene	130		70-152						
Ethylbenzene	120		75-133						
Toluene	120		78-129						
Total Xylenes	123		67-155						
Batch number: 092375705004	Sample number(s): 5755000-5755003 UNSPK: 5755000 BKG: 5755000								
Arsenic	140*	130*	75-125	7	20	< 0.100	< 0.100	0 (1)	20
Barium	99	99	78-118	1	20	0.0852	0.0864	1 (1)	20
Cadmium	104	104	83-116	0	20	< 0.0250	< 0.0250	0 (1)	20
Chromium	102	103	81-120	1	20	< 0.0750	< 0.0750	0 (1)	20
Lead	91	92	75-125	1	20	< 0.0750	< 0.0750	0 (1)	20

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 09/03/09 at 03:56 PM

Group Number: 1158519

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Selenium	132*	136*	75-125	3	20	< 0.100	< 0.100	0 (1)	20
Silver	119	109	75-125	8	20	< 0.0250	< 0.0250	0 (1)	20
Batch number: 092375713001	Sample number(s): 5755000-5755003 UNSPK: P755767 BKG: P755767								
Mercury	98	91	80-120	7	20	< 0.00020	< 0.00020	0 (1)	20
Batch number: 09241196602B	Sample number(s): 5755000-5755003 UNSPK: P755687 BKG: P755687								
Chloride	76*		90-110			197	198	1 (1)	20
Batch number: 09233021202A	Sample number(s): 5755000-5755003 UNSPK: P755094 BKG: P750111								
Total Dissolved Solids	90	90	54-143	0	12	253	253	0	9

Surrogate Quality Control

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

Analysis Name: BTEX (8021)
Batch number: 09232A53B
Trifluorotoluene-P

5755000	102
5755001	104
5755002	100
5755003	97
5755004	100
Blank	100
LCS	100
LCSD	99
MS	99

Limits: 69-129

*- Outside of specification

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

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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

ANALYTICAL RESULTS

Prepared for:

Conestoga-Rovers & Associates
6320 Rothway
Suite 100
Houston TX 77040

713-734-3090

Prepared by:

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

October 12, 2009

Project: South Eunice Gas Plant

Samples arrived at the laboratory on Thursday, October 01, 2009. The PO# for this group is 4023835 and the release number is EUNICE SOUTH GP. The group number for this submittal is 1164348.

Client Sample Description

RW-8_093009 Grab Water Sample

Lancaster Labs (LLI) #

5793370

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

ELECTRONIC Conestoga-Rovers & Associates
COPY TO
ELECTRONIC Conestoga-Rovers & Associates
COPY TO
ELECTRONIC LLI
COPY TO

Attn: Pat Lynch

Attn: James Ornelas

Attn: EDD Group - Report



Analysis Report

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

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

Respectfully Submitted,

Martha L. Seidel

Martha L. Seidel
Senior Chemist



Analysis Report

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

Page 1 of 2

Sample Description: RW-8_093009 Grab Water Sample
Eunice South Gas Plant

LLI Sample # WW 5793370
LLI Group # 1164348
NM

Project Name: South Eunice Gas Plant

Collected: 09/30/2009 10:20 by RB

Account Number: 11713

Submitted: 10/01/2009 09:00

Conestoga-Rovers & Associates

Reported: 10/12/2009 at 12:12

6320 Rothway

Discard: 11/12/2009

Suite 100

Houston TX 77040

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles					
		SW-846 8021B	ug/l	ug/l	
08213	Benzene	71-43-2	19	1.0	1
08213	Ethylbenzene	100-41-4	7.1	1.0	1
08213	Toluene	108-88-3	1.4	1.0	1
08213	Total Xylenes	1330-20-7	110	3.0	1
Metals Dissolved					
		SW-846 6010B	mg/l	mg/l	
07035	Arsenic	7440-38-2	0.0212	0.0200	1
07046	Barium	7440-39-3	0.322	0.0050	1
07049	Cadmium	7440-43-9	< 0.0050	0.0050	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
07055	Lead	7439-92-1	< 0.0150	0.0150	1
07036	Selenium	7782-49-2	< 0.0200	0.0200	1
07066	Silver	7440-22-4	< 0.0050	0.0050	1
		SW-846 7470A	mg/l	mg/l	
00259	Mercury	7439-97-6	< 0.00020	0.00020	1
Wet Chemistry					
		EPA 300.0	mg/l	mg/l	
00224	Chloride	16887-00-6	10,700	2,000	5000
		SM20 2540 C	mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	20,800	2,400	10

General Sample Comments

This sample was field filtered for dissolved metals.

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09275A53A	10/04/2009 00:47	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09275A53A	10/04/2009 00:47	Katrina T Longenecker	1
07035	Arsenic	SW-846 6010B	1	092785705002	10/08/2009 00:25	John W Yanzuk II	1
07046	Barium	SW-846 6010B	1	092785705002	10/08/2009 00:25	John W Yanzuk II	1
07049	Cadmium	SW-846 6010B	1	092785705002	10/08/2009 00:25	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092785705002	10/08/2009 00:25	John W Yanzuk II	1
07055	Lead	SW-846 6010B	1	092785705002	10/08/2009 17:31	John P Hook	1
07036	Selenium	SW-846 6010B	1	092785705002	10/09/2009 11:32	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	092785705002	10/08/2009 00:25	John W Yanzuk II	1
00259	Mercury	SW-846 7470A	1	092785713002	10/06/2009 05:43	Damary Valentin	1



Analysis Report

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

Page 2 of 2

Sample Description: RW-8_093009 Grab Water Sample
Eunice South Gas Plant

LLI Sample # WW 5793370
LLI Group # 1164348
NM

Project Name: South Eunice Gas Plant

Collected: 09/30/2009 10:20 by RB

Account Number: 11713

Submitted: 10/01/2009 09:00

Conestoga-Rovers & Associates

Reported: 10/12/2009 at 12:12

6320 Rothway

Discard: 11/12/2009

Suite 100

Houston TX 77040

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092785705002	10/05/2009 20:00	Mirit S Shenouda	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	092785713002	10/05/2009 18:00	Nelli S Markaryan	1
00224	Chloride	EPA 300.0	1	09283196101B	10/10/2009 13:25	Ashley M Adams	5000
00212	Total Dissolved Solids	SM20 2540 C	1	09278021201A	10/05/2009 10:06	Susan E Hibner	10

Quality Control Summary

Client Name: Conestoga-Rovers & Associates
Reported: 10/12/09 at 12:12 PM

Group Number: 1164348

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 09275A53A	Sample number(s): 5793370							
Benzene	< 1.0	1.0	ug/l	120	115	80-120	4	30
Ethylbenzene	< 1.0	1.0	ug/l	115	110	80-120	4	30
Toluene	< 1.0	1.0	ug/l	115	110	80-120	4	30
Total Xylenes	< 3.0	3.0	ug/l	117	112	80-120	4	30
Batch number: 092785705002	Sample number(s): 5793370							
Arsenic	< 0.0200	0.0200	mg/l	100		89-115		
Barium	< 0.0050	0.0050	mg/l	103		90-110		
Cadmium	< 0.0050	0.0050	mg/l	104		90-112		
Chromium	< 0.0150	0.0150	mg/l	105		90-110		
Lead	< 0.0150	0.0150	mg/l	104		80-120		
Selenium	< 0.0200	0.0200	mg/l	107		80-120		
Silver	< 0.0050	0.0050	mg/l	112		83-120		
Batch number: 092785713002	Sample number(s): 5793370							
Mercury	< 0.00020	0.00020	mg/l	102		80-120		
Batch number: 09283196101B	Sample number(s): 5793370							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Batch number: 09278021201A	Sample number(s): 5793370							
Total Dissolved Solids	< 30.0	30.0	mg/l	98		80-120		

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 09275A53A	Sample number(s): 5793370 UNSPK: P791767								
Benzene	150		80-152						
Ethylbenzene	122		80-133						
Toluene	124		80-133						
Total Xylenes	124		80-148						
Batch number: 092785705002	Sample number(s): 5793370 UNSPK: P794353 BKG: P794353								
Arsenic	101	106	75-125	4	20	0.0344	0.0389	12 (1)	20
Barium	102	100	78-118	2	20	0.258	0.259	0	20
Cadmium	101	100	83-116	1	20	< 0.0050	< 0.0050	0 (1)	20
Chromium	103	101	81-120	2	20	< 0.0150	< 0.0150	0 (1)	20
Lead	105	105	75-125	0	20	< 0.0150	< 0.0150	0 (1)	20

*- Outside of specification

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

Quality Control Summary

Client Name: Conestoga-Rovers & Associates

Group Number: 1164348

Reported: 10/12/09 at 12:12 PM

Sample Matrix Quality Control

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

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Selenium	108	108	75-125	0	20	< 0.0200	< 0.0200	0 (1) 20
Silver	113	112	75-125	1	20	< 0.0050	< 0.0050	0 (1) 20
Batch number: 092785713002	Sample number(s): 5793370 UNSPK: P794353 BKG: P794353							
Mercury	108	98	80-120	10	20	< 0.00020	< 0.00020	0 (1) 20
Batch number: 09283196101B	Sample number(s): 5793370 UNSPK: P791739 BKG: P791739							
Chloride	81*		90-110		27.5	27.8	1	20
Batch number: 09278021201A	Sample number(s): 5793370 UNSPK: P794498 BKG: P794498							
Total Dissolved Solids	97	98	54-143	0	12	2,850	2,840	1 9

Surrogate Quality Control

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

Analysis Name: BTEX (8021)

Batch number: 09275A53A

Trifluorotoluene-P

5793370	93
Blank	95
LCS	97
LCSD	97
MS	99

Limits: 58-146

*- Outside of specification

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

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



For Landmark Laboratories use only

Acct. # 11713

Group# 1164348 Sample # 5793370-71

COC # 217854

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

[illegible]

Lancaster Laboratories, Inc., 2425 New Holland Pike, Lancaster, PA 17601 (717) 656-2300 Fax: (717) 656-6766

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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Summary Report

James Ornelas
CRA-Midland
2135 South Loop 250 West
Midland, TX 79703

Report Date: September 17, 2009

Work Order: 9091416



Project Location: Eunice, NM
Project Name: South Eunice
Project Number: 055271 Phase 06 Task 02

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
209774	MW-12 91009	product	2009-09-10	15:40	2009-09-11
209775	MW-1 91009	product	2009-09-10	15:15	2009-09-11
209776	MW-2 91009	product	2009-09-10	15:20	2009-09-11

Sample: 209774 - MW-12 91009

Param	Flag	Result	Units	RL
Density		0.788	g/ml	0.00

Sample: 209775 - MW-1 91009

Param	Flag	Result	Units	RL
Density		0.781	g/ml	0.00

Sample: 209776 - MW-2 91009

Param	Flag	Result	Units	RL
Density		0.804	g/ml	0.00

TRACE ANALYSIS, INC.

5701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1296
200 East Sunset Road, Suite E El Paso, Texas 79922 888•588•3443 915•585•3443 FAX 915•585•4944
5002 Basin Street, Suite A1 Midland, Texas 79703 432•689•6301 FAX 432•689•6313
6015 Harris Parkway, Suite 110 Ft. Worth, Texas 76132 817•201•5260
E-Mail: lab@traceanalysis.com

Certifications

WBENC: 237019

HUB: 1752439743100-86536
NCTRCA WFWB38444Y0909

DBE: VN 20657

NELAP Certifications

Lubbock: T104704219-08-TX
LELAP-02003
Kansas E-10317

El Paso: T104704221-08-TX
LELAP-02002

Midland: T104704392-08-TX

Analytical and Quality Control Report

James Ornelas
CRA-Midland
2135 South Loop 250 West
Midland, TX, 79703

Report Date: April 3, 2009

Work Order: 9032522



Project Location: Eunice, New Mexico
Project Name: South Eunice Gas Plant
Project Number: 055271

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
191098	MW-19	product	2009-03-19	13:00	2009-03-24
191099	TMW-2	product	2009-03-19	11:10	2009-03-24

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 4 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Michael Abel

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Case Narrative

Samples for project South Eunice Gas Plant were received by TraceAnalysis, Inc. on 2009-03-24 and assigned to work order 9032522. Samples for work order 9032522 were received intact at a temperature of 22.2 deg. C.

Samples were analyzed for the following tests using their respective methods.

Test	Method	Prep Batch	Prep Date	QC Batch	Analysis Date
Density	ASTM D854-92	49726	2009-04-02 at 16:00	58216	2009-04-02 at 16:48

Results for these samples are reported on a wet weight basis unless data package indicates otherwise.

A matrix spike (MS) and matrix spike duplicate (MSD) sample is chosen at random from each preparation batch. The MS and MSD will indicate if a site specific matrix problem is occurring, however, it may not pertain to the samples for work order 9032522 since the sample was chosen at random. Therefore, the validity of the analytical data reported has been determined by the laboratory control sample (LCS) and the method blank (MB). These quality control measures are performed with each preparation batch to ensure data integrity.

All other exceptions associated with this report have been footnoted on the appropriate analytical page to assist in general data comprehension. Please contact the laboratory directly if there are any questions regarding this project.

Report Date: April 3, 2009
055271

Work Order: 9032522
South Eunice Gas Plant

Page Number: 4 of 4
Eunice, New Mexico

Analytical Report

Sample: 191098 - MW-19

Laboratory: Lubbock
Analysis: Density
QC Batch: 58216
Prep Batch: 49726

Analytical Method: ASTM D854-92
Date Analyzed: 2009-04-02
Sample Preparation: 2009-04-02

Prep Method: N/A
Analyzed By: SS
Prepared By: SS

Parameter	Flag	RL Result	Units	Dilution	RL
Density		0.867	g/ml	1	0.00

Sample: 191099 - TMW-2

Laboratory: Lubbock
Analysis: Density
QC Batch: 58216
Prep Batch: 49726

Analytical Method: ASTM D854-92
Date Analyzed: 2009-04-02
Sample Preparation: 2009-04-02

Prep Method: N/A
Analyzed By: SS
Prepared By: SS

Parameter	Flag	RL Result	Units	Dilution	RL
Density		0.910	g/ml	1	0.00

Method Blank (1) QC Batch: 58216

QC Batch: 58216
Prep Batch: 49726

Date Analyzed: 2009-04-02
QC Preparation: 2009-04-02

Analyzed By: SS
Prepared By: SS

Parameter	Flag	MDL Result	Units	RL
Density		0.996	g/ml	

Duplicates (1) Duplicated Sample: 191099

QC Batch: 58216
Prep Batch: 49726

Date Analyzed: 2009-04-02
QC Preparation: 2009-04-02

Analyzed By: SS
Prepared By: SS

Param	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Density	0.899	0.910	g/ml	1	1	20

