GW - 004

AGWMR

09/08/2010

Chevron

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September 26, 2010

Environmental Bureau Chief
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Subject: Annual Reports

Dear Madam/Sir:

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

2009 Annual Groundwater Monitoring Report and Remedial System Summary
Eunice North Gas Plant, Lea County, NM, GW-004

2009 Annual Report
Lovington Paddock Site, Lea County, NM, 1R-272

2009 Groundwater Monitoring Report
Buckeye Vacuum Unit, Lea County, NM, GW-029

2009 Groundwater Monitoring Report
Buckeye Compressor Site, Lea County, NM, GW-029

Should have you have questions or concerns, please do not hesitate to contact me at (713) 372-9207.

Sincerely,

Matthew P. Hudson

Enclosure

2009 ANNUAL GROUNDWATER MONITORING REPORT AND REMEDIAL SYSTEMS SUMMARY

EUNICE NORTH GAS PLANT

Lea County, New Mexico

Stantec

Prepared and Submitted By:

Stantec Consulting Corporation

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Daniel Woodward, Project Manager

Reviewed By:

Chad Vowell, Senior Project Manager

September 8, 2010

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1.0 SITE BACKGROUND

This report summarizes the 2009 semi-annual groundwater monitoring program by Stantec Consulting Corporation (Stantec) on behalf of Chevron Environmental Management Company (CEMC) at the Eunice North Gas Plant (OGRID No. 4323). For the purpose of this report, the monitored area consists of the original gas plant property and surrounding areas (Site) included in the groundwater monitoring program. Site activities for 2009 included:

- Two semi-annual groundwater sampling events conducted in March/April and August ; and
- Monthly operation and maintenance (O&M) Site visits to gauge two (2) monitor wells for phase separated hydrocarbon (PSH) thickness.

1.1 Site Location and Background

The Eunice North Gas Plant (Plant) is located in the southeast corner of New Mexico, in Lea County. The Site is approximately 0.25 miles north of the town of Eunice in the south half (S/2) of the southeast quarter (SE/4) of the northeast quarter (NE/4) of Section 28, Township 21 South (T-21-S), Range 37 East (R-37-E). The approximate latitude/longitude coordinates are 32° 27' 01.46" N and 103° 09' 42.71" W. A Site Location Map is presented as **Figure 1**.

The Plant was originally constructed in the 1940s, and was owned and operated by Texaco from the 1940s through 1998. In 1998, plant ownership was transferred to Versado LLP (Versado), a partnership between Texaco and Dynegy Midstream Services (Dynegy). Dynegy operated the Plant for Versado. The Plant has not operated as a gas plant since Versado assumed ownership in 1998. Gas plant operations ceased and the operational equipment has been partially dismantled with much of the equipment shut-in. In 2005, Dynegy was purchased by Targa Midstream Services (Targa), and Targa became the Plant operator for Versado. The Plant is currently operated by Targa as a natural gas compressor station under an agreement with Chevron. Targa has also operated two compressors in the northwest portion of the Site since 2005. A Site Details Map is presented as **Figure 2**.

1.2 Groundwater Monitoring and Remediation Background

Dissolved benzene and chromium concentrations were detected in the soil and groundwater within the plant boundaries in the early 1990s during Texaco's renewal process of the plant Groundwater Discharge Permit with the New Mexico Oil Conservation Division (NMOCD). In August 1996, the NMOCD required an initial investigation to evaluate the integrity of process area sumps at the Plant. Dissolved benzene and dissolved chromium were detected in groundwater above the State of New Mexico Water Quality Control Commission (WQCC) Human Health standards, which was documented in the *Subsurface Environmental Assessment Report* (Highlander, 1996). The possible source of the chromium was defined as cooling tower blowdown discharged to the surface southwest of the plant.

Several soil and groundwater investigations were conducted between 1996 and 2003, with semi-annual groundwater monitoring beginning in 2004. Based on the groundwater investigations, the three primary groups of dissolved-phase groundwater constituents of concern (COCs) for this Site are: chromium, petroleum hydrocarbons, and dissolved solids (chloride concentrations have been monitored as representative of the dissolved solids). Additionally,

PSH was observed in two wells (MW005 and MW006). PSH recovery and remediation activities were initiated in 2004. Currently, neither well exhibits measurable PSH accumulations.

Beginning in 2003, remedial efforts for chromium concentrations exceeding regulatory action levels began through In-Situ Reactive Zone (IRZ) treatment at a "study area" consisting of three injection wells near the area of the highest chromium concentrations. The study was followed by the addition of an array of 14 injection wells at the distal end of the chromium plume. The IRZ process used a carbohydrate-based electron donor (molasses) to stimulate reducing conditions in the subsurface to reduce hexavalent chromium to trivalent chromium. IRZ was discontinued in September 2005 based on bench-scale test results which suggested a more effective technology was available.

The remedial approach selected for future in-situ treatment of the dissolved-phase hexavalent chromium groundwater is anticipated to be injection of an inorganic reducing agent (calcium polysulfide or sodium sulfide) along with an electron donor (sodium acetate). The calcium polysulfide will provide rapid reduction of hexavalent chromium within the injection area, while the sodium acetate will create a reducing zone through biological activity capable of treating hexavalent chromium migrating into the injection area.

In 2006, a sampling reduction proposal was submitted and approved by the NMOCD. This reduced the number of wells in each event and removed analytes from the sampling program.

1.3 Site Contaminants of Concern Overview

There are three COCs remaining at the Site affecting groundwater quality: chromium (total chromium and hexavalent chromium species), petroleum hydrocarbons, and dissolved solids. Significant reductions in the chromium concentrations have been noted in areas where the chromate and hydrocarbon intermix in the groundwater. Therefore, previous and planned remediation strategies have been designed to utilize this naturally occurring process.

1.3.1 Groundwater Chromium

The primary source of fresh water at the Site is the Ogallala Aquifer (as described in **Section 2.3**). Active remediation of the groundwater affected by dissolved-phase chromium at the Site has been suspended due to concerns with the aquifer geochemistry. The Ogallala Aquifer at the Site has poor but definite hydraulic continuity, resulting in stratified concentrations of chromium within the aquifer. The chromium impact within the aquifer has been divided into two zones, designated as the "shallow" and "deep" zones.

Historically, the highest chromium concentrations in the deep zone of the aquifer occur on the eastern and southeastern edge of the Plant. The plume appears to move with the hydraulic gradient northeastward and eastward. The deep zone hydraulically merges with the shallow zone as the aquifer thins in gross saturated thickness east of the Plant. The aquifer is considered, hydrogeologically, to be part of the deep zone east of the Plant.

The chromium concentrations exceeding regulatory action levels are fully defined in all but the north and northeastern most direction in the deep zone. The shallow zones are fully defined to the south and west. Data gathered through previous assessment events indicate that

chromium, most likely originating from surface sources, has percolated into the groundwater. The potential chromium source is thought to have originated to the south and southwest of the plant and possibly within the plant site itself.

Chromium concentrations in the shallow zone are, historically, the greatest to the southwest, south, and along the eastern edge of the Plant. Chromium exceeding regulatory action levels appears to move with the hydraulic gradient northeastward and then eastward.

Hydrocarbon concentrations above regulatory action levels have been previously observed in the plant area. The hydrocarbon plume consists of dissolved and light phase separated components. Chromium concentrations appear to have been reduced in areas where the hydrocarbon and chromium plumes intersect.

1.3.2 Groundwater Hydrocarbons

PSH accumulations have historically been observed in two wells, MW005 and MW006. The wells are located near the eastern edge of the Plant. These wells were historically gauged and product was recovered from one of the wells on a weekly basis. However, product levels have fallen dramatically over the last few years and have been consistently below measurable limits in 2009. Based on these observations, it was proposed to NMOCD, in a letter dated June 14, 2006, and again in a letter dated March 20, 2008, to discontinue the weekly monitoring and PSH removal to be replaced by a mutually agreed upon form of passive PSH collection in the wells that would achieve similar results. NMOCD acceptance of the modification was not received; therefore, weekly monitoring was continued through December of 2008 and monitoring was reduced to a monthly frequency in 2009.

As noted in the chromium section above, the dissolved hydrocarbons are in a near ideal location to assist in the remediation of the chromium plume. The hydrocarbon acts as a food source promoting the proliferation of naturally occurring bacteria. This bacterial growth in turn produces a reducing environment within the aquifer resulting in the chemical reduction of the chromium.

1.3.3 Groundwater Dissolved Solids

Dissolved solids concentrations above regulatory action levels have been identified at the Site. Brine water produced during regional oil and gas production activities is believed to have percolated into the Ogallala Aquifer. Laboratory analysis was conducted to quantify several of the dissolved major minerals whose sum is commonly referred to as Total Dissolved Solids (TDS).

Chloride distribution and historical process knowledge of plant operations suggest elevated chlorides are unrelated to plant operation. The highest concentrations are located to the south and southwest of the plant (hydraulically up-gradient) and to the east of the plant (hydraulically down-gradient). The sources of the chloride impact have not been determined with any certainty. However, on December 7 through December 12, 2009, soil assessment activities were conducted in suspected chloride source areas in and surrounding the former Eunice North Gas Plant. The results of this analysis will be submitted under a separate letter report.

1.4 Scope of Work

The 2009 Site activities included semi-annual groundwater gauging and sampling in March/April and August, and monthly PSH monitoring at two well locations. The scope of work described in this report consisted of:

- Semi-annual collection of groundwater samples for analysis of petroleum constituents (benzene, toluene, ethylbenzene, and xylenes [BTEX], Gasoline Range Organics [GRO], Diesel Range Organics [DRO]), chromium, hexavalent chromium, and chloride Concentrations] from each available well location identified in the Sampling and Analysis Plan using a submersible pump; and
- Monthly O&M at the Site involving the gauging of monitor wells MW005 and MW006 using an oil-water interface probe to determine the PSH thickness.

2.0 SITE SETTING

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

- Interbedded sand and sandstone from the ground surface to approximately twenty (20) feet below ground surface (bgs).
- A caliche strata layer extends from twenty (20) feet bgs to a sand layer found at approximately sixty-five (65) feet bgs.
- The sand layer overlays a layer of clay found at approximately sixty-five (65) to ninety (90) feet bgs.
- The clay overlays a second sand and gravel stratum that extends to approximately one-hundred fifteen (115) feet bgs.
- Clay beds are encountered at approximately one-hundred fifteen (115) feet bgs and define the total depth of the Site wells.

A geologic cross-section of the Site, including pertinent COC analytical results, is presented as **Figure 2A.**

2.1 Regional Physiography

The Site is located in the southeast corner of New Mexico near the northern edge of the City of Eunice in the southern half of Lea County. The Site lies in the Pecos River Basin of the Great Plains physiographic province. The Site also lies in the Eunice Plain, which is bounded on the south by the South Plain, on the east by Rattlesnake Ridge, on the northeast by the High Plains, on the northwest by the Laguna Valley and Gramma Ridge Area, on the west by the San Simone Ridge and San Simone Swale, and to the west by Antelope Ridge Area.

2.2 Regional Geology

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

2.3 Regional Hydrogeology

The primary source of fresh water at the Site is the Ogallala Aquifer. The Ogallala Aquifer at the Site consists of the fluvial and eolian sediments of the Tertiary Ogallala Formation and the eolian sediments of the Quaternary Blackwater Draw Formation. The Ogallala aquifer is bounded unconformably upon the erosional surface of the claystones, sandstones, and siltstones of the Triassic Chinle Formation. The Chinle forms the base of the fresh groundwater in the area because of the Chinle's low vertical permeability.

The base of the Ogallala Aquifer is composed of five to ten feet of gravel, sand, and clay. This gravel unit is overlain by alternating layers of loose and well consolidated red and yellow sandstones. Previous investigators termed the gravel unit as the "deep" water-bearing zone

and the overlying sandstones as the "shallow" water bearing zone. Overall depth to groundwater roughly varies with topography across the Site, ranging from roughly 30 to 90 feet.

3.0 HYDROGEOLOGIC ASSESSMENT

Currently, 144 wells are located at the Site and utilized to provide assessment of groundwater conditions and migration characteristics.

The primary objectives of the groundwater gauging activities at the Site are to:

- Monitor groundwater elevations;
- Determine borehole annular volume to calculate purge volumes;
- Provide data to determine hydraulic gradient; and
- Utilize this data to compare to historical data for assessment of historical groundwater trends.

3.1 Groundwater Elevation Measurement

Before groundwater sampling activities commenced, an oil-water interface probe (accurate to the nearest +0.01 feet) was used to measure the depth to groundwater, PSH thickness, and total well depth from the surveyed point on the rim of each well's top of casing. Depth to groundwater, depth to PSH, and total well depth measurements were recorded on the Groundwater Field Log. Data from the 2009 events were utilized to calculate groundwater elevations which were then utilized to determine an apparent groundwater gradient and direction of flow.

A measurable accumulation of PSH was not observed in any of the wells during the 2009 events. A Cumulative Groundwater Elevation Data table is included as **Table 1**.

3.1.1 March/April 2009 Groundwater Gradient

During the March/April 2009 event, the shallow zone (as described in **Section 4.2**) groundwater elevations ranged from 3,381.79 feet above mean sea level (AMSL) in MW026 to 3,376.90 feet AMSL in MW034. These groundwater elevations indicate a general groundwater flow from a high in the area of MW026 located south of the plant to a low in the area of MW034, located north-northeast of the plant. The groundwater appears to move radially from the southwest area wells, then to the north and northeast as it passes under the plant at an approximate gradient of 0.006 ft/ft. The March/April 2009 shallow zone groundwater elevations were used to generate the Potentiometric Surface Map – Shallow Wells (March/April 2009), depicted on **Figure 3**.

During the March/April 2009 event, the deep zone (as described in **Section 4.2**) groundwater elevations ranged from 3,381.60 feet AMSL in MW014A to 3,350.08 feet AMSL in GOPWW2. These groundwater elevations indicate a general groundwater flow from a high in the area of MW014A located south of the plant to a low in the area of GOPWW2, located north-northeast of the plant. The groundwater flow is to the northeast at an approximate gradient of 0.017 ft/ft. In the eastern portion of the Site, there is also a significant increase in gradient as the base of the aquifer mounds upward at the northeast portion of the Site in the area of IW010, IW011, IW012, and IW013, requiring the groundwater to flow to the north and south around the mound. The March/April 2009 deep zone groundwater elevations were used to generate the Potentiometric Surface Map – Deep Wells (March/April 2009), depicted on **Figure 4**.

3.1.2 August 2009 Groundwater Gradient

During the August 2009 event, the shallow zone groundwater elevations ranged from 3,381.52 feet AMSL in MW026 to 3,376.95 feet AMSL in MW021. These groundwater elevations indicate a general groundwater flow from a high in the area of MW026 located south of the plant to a low in the area of MW021 located north to northeast of the plant. The groundwater appears to move to the west, northwest, and north from the area of MW026, then gradually shift to the north and northeast as it passes under the plant at an approximate gradient of 0.004 ft/ft. The August 2009 shallow zone groundwater elevations were used to generate the Potentiometric Surface Map – Shallow Wells (August 2009), depicted on **Figure 5**.

During the August 2009 event, the deep zone groundwater elevations ranged from 3,381.28 feet AMSL in MW014A to 3,350.23 feet AMSL in GOPWW2. These groundwater elevations indicate a general groundwater flow from the western half of the Site (south of the plant and in plant area) to the northwest, north, and northeast at an approximate gradient of 0.008 ft/ft. The gradient increases to the east of the plant to an approximate gradient of 0.018 ft/ft. The somewhat radial gradient noted to the southwest of the plant shifting to the north and eventually to the north-northeast of the plant, was observed during both events and is consistent with those observed during previous events. The August 2009 deep zone groundwater elevations were used to generate the Potentiometric Surface Map – Deep Wells (August 2009), depicted on **Figure 6.**

4.0 GROUNDWATER SAMPLING PROTOCOL AND ANALYSIS

Groundwater analytical data from the Site are utilized to:

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

4.1 Groundwater Monitor Well Sampling Protocol

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

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

Groundwater samples were collected before groundwater had passed through the flow-through-cell. Volatile organic compound samples were collected first and pre-preserved sample containers were filled prior to pumping water into the flow though cell. The pump rate was reduced when samples were collected for benzene, toluene, ethylbenzene, and xylene (BTEX) due to the volatility of the analyte. During the March/April 2009 sampling event, 66 wells were purged using the low-flow procedures. During the August 2009 sampling event, 8 wells were purged using low-flow procedures. The remaining wells were purged by pumping a minimum of three well volumes of groundwater or until water quality parameters stabilized for three consecutive readings.

Groundwater samples collected for metals analysis were field filtered into pre-preserved containers using high-capacity, 0.45-µm, disposable filters. All sample containers were filled by allowing the pump discharge to flow with minimal turbulence into the sampling container. If a sample could not be filtered in the field, the chain of custody was marked "Filter at Lab" and an unpreserved bottle was used.

If a duplicate sample was collected at a location, all bottles designated for a particular analysis at that location were filled before bottles for another analysis were filled.

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

4.2 Sampling Schedule Protocol

As described in **Section 2.3**, the water bearing aquifer is divided into "shallow" and "deep" water bearing zones. Therefore, the well identifications of the Site well locations, summarized below, have been designated in the same manner:

Shallow zone wells:
- Forty-six shallow zone monitor wells;
- Four middle zone monitor wells (included in the "shallow" zone for simplicity);
- Two shallow zone injection wells (IW001 and IW002); and
- Two shallow zone recovery wells (RW002 and RW003).

Deep zone wells:
- Sixty-one deep zone monitor wells (identified by an A or an SA designation added to the end of the well location name; i.e.: MW002A);
- Thirteen deep zone injection wells at the distal array (IW012 is not sampled);
- Eleven deep zone medial array injection wells;
- One deep zone recovery well (RW004A); and
- Five deep zone water wells (drilled and owned by landowners).

During the March/April 2009 and August 2009 events, groundwater samples could not be collected from the following wells due to access issues:
ROLANDWW, MW001, MW003, MW007, MW026, MW027, MW047, MW069, and MW007A.

Well locations are detailed on **Figure 2**.

4.3 March/April 2009 Sampling Schedule

During the March/April 2009 sampling event, groundwater samples were collected from 136 wells, excluding any wells deemed inaccessible. The NMOCD and neighboring property owners requiring notification were notified prior to each sampling event. The well designations for the March/April 2009 sampling event are summarized below:

- **Forty-Seven shallow zone monitoring wells:** MW002, MW004, MW005, MW006, MW008, MW008M, MW009, MW010, MW011, MW011M, MW012, MW012M, MW013, MW014, MW015, MW018, MW020, MW021, MW023, MW024, MW025, MW028, MW029, MW030, MW031, MW032, MW033, MW034, MW035, MW036, MW037, MW038, MW043, MW044, MW045, MW046, MW058, MW059, MW060, MW061, MW068, MW070, MW088M, RW002, RW003, IW001, and IW002.
- **Eighty-four deep zone monitoring wells:** MW002A, MW004A, MW008A, MW009A, MW011A, MW012A, MW013A, MW014A, MW015A, MW016A, MW018A, MW019A, MW020A, MW021A, MW022A, MW023A, MW024A, MW039A, MW040A, MW041A, MW042A, MW046A, MW048SA, MW049SA, MW050SA, MW051SA, MW052SA, MW053SA, MW054SA, MW055SA, MW056SA, MW057SA, MW062A, MW063A, MW064SA, MW065SA, MW066SA, MW067SA, MW070A, MW071SA, MW072SA, MW073SA, MW074SA, MW075SA, MW076SA, MW077SA, MW078SA, MW079SA, MW080SA, MW081SA, MW082SA, MW083SA, MW084SA, MW085SA, MW086SA, MW087A, MW089SA, MW090SA, MW091SA, MW092SA, MW093SA, IW003, IW004,

IW005, IW006, IW007, IW008, IW009, IW010, IW011, IW013, IW014, IW015, IW016, IW018, IW019, IW020, IW021, IW022, IW023, IW024, IW025, IW026, IW027, and IW028, and RW004A.

- **Five privately owned water wells:** GOPWW2, LORDWW, ROLANDWW, WOODELLWW, and EPWW1.

4.4 August 2009 Sampling Schedule

For the August 2009 sampling event, groundwater samples were collected from 74 wells, excluding any wells deemed inaccessible. The NMOCD and neighboring property owners requiring notification were notified prior to each sampling event. The well designations for the August 2009 sampling event are summarized below:

- **Twenty-Five shallow zone monitoring wells:** MW010, MW013, MW014, MW015, MW018, MW020, MW021, MW023, MW024, MW025, MW026, MW027, MW028, MW029, MW030, MW031, MW032, MW033, MW058, MW059, MW060, MW061, MW068, MW069, and MW070.
- **Forty-five deep zone monitoring wells:** MW013A, MW014A, MW015A, MW016A, MW018A, MW019A, MW020A, MW021A, MW022A, MW023A, MW024A. MW040A, MW048SA, MW053SA, MW054SA, MW055SA, MW056SA, MW057SA, MW062A, MW063A, MW064SA, MW065SA, MW066SA, MW067SA, MW070A, MW071SA, MW072SA, MW073SA, MW074SA, MW075SA, MW076SA, MW077SA, MW078SA, MW079SA, MW080SA, MW081SA, MW082SA, MW083SA, MW084SA, MW085SA, MW086SA, MW090SA, IW023, IW024, IW025, and IW026.
- **Three privately owned water wells:** GOPWW2, LORDWW, and WOODELLWW.

4.5 Sample Handling and Analysis

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

All groundwater samples were analyzed by Lancaster Laboratories in Lancaster, Pennsylvania. The groundwater samples collected during the March/April and August 2009 groundwater sampling events were analyzed for:

- BTEX by EPA Method 8021B;
- Total petroleum hydrocarbons (TPH) as gasoline range organics (GRO) and diesel range organics (DRO) by EPA Method 8015B;
- Total metals (arsenic, chromium, iron, manganese) by EPA Method 6010B;
- Hexavalent chromium by EPA Method 7196A;
- Chloride by EPA Method 300.0; and
- TDS by EPA Method160.1.

Injection well locations IW023 through IW026 and monitor well location MW090SA were analyzed for the following analytes in addition to those indicated above:

- Sodium by EPA Method 6010B;
- Alkalinity (pH 4.5 and pH 8.3) by SM20 2320B;
- pH by SM20 4500-H+B;
- Sulfate by EPA Method 300.0;
- Sulfide by SM20 4500 S2 D; and
- Total Organic Carbon (TOC) by SM20 5310C.

4. 6 Investigation Derived Waste Management

Purged groundwater was pumped from the wells into a 500-gallon poly tank during sampling activities, and later pumped into a disposal well located on the plant property.

4. 7 Analytical Results

The analytical results of all groundwater samples collected during the two semi-annual sampling events are compared against the NMWQCC Human Health or Domestic Water Supply standards and exceedances are indicated in the tabulated data. Results for each group of analytes are discussed below. Summaries of the March/April 2009 and August 2009 groundwater sampling results have been tabulated in **Table 2** through **Table 4**. Quality control sample results are discussed in **Section 6**. The laboratory analytical reports can be found in **Appendix B.**

All analytical data is provided to the respective water well owners following each sampling event.

4. 8 Total Chromium and Hexavalent Chromium Analysis

During the March/April 2009 and August 2009 events, groundwater samples were analyzed for total chromium and hexavalent chromium metals. A discussion of total chromium and hexavalent chromium metals analytical results for each event and well type is presented in the following sections. **Table 2** includes a summary of the 2009 cumulative total chromium and hexavalent chromium metals analytical results and compares the results with the NMWQCC Human Health Standards.

4.8.1 March/April 2009 Total Chromium and Hexavalent Chromium Metals Analysis

Shallow Monitor Wells

Groundwater samples were collected from 47 shallow monitor wells for total chromium and hexavalent chromium metals analysis. The regulatory limit for total chromium and hexavalent chromium concentrations is defined by the NMWQCC Human Health Standard of 0.05 mg/L. The reported total chromium and hexavalent chromium metals analytical results are presented below:

	Total Chromium		Hexavalent Chromium	
Number of Detections	*20*		*14*	
Exceedances Above Regulatory Limit	*17*		*9*	
Minimum Concentration (mg/L)	*0.0219*	*MW009*	*0.033*	*MW010*
Maximum Concentration (mg/L)	*3.67*	*MW011*	*3.8*	*MW011*

An isopleth map, Total Chromium mg/L – Shallow Wells (March/April 2009), is presented as **Figure 7**. An isopleth map, Hexavalent Chromium mg/L – Shallow Wells (March/April 2009), is presented as **Figure 8**.

Deep Monitor Wells

Groundwater samples were collected from 85 deep monitor wells for total chromium and hexavalent chromium metals analysis. The regulatory limit for total chromium and hexavalent chromium concentrations is defined by the NMWQCC Human Health Standard of 0.05 mg/L. The reported total chromium and hexavalent chromium metals analytical results are presented below:

	Chromium		Hexavalent Chromium	
Number of Detections	*54*		*39*	
Exceedances Above Regulatory Limit	*40*		*35*	
Minimum Concentration (mg/L)	*0.0152*	*IW003*	*0.022*	*MW022A*
Maximum Concentration (mg/L)	*3.77*	*MW011A*	*3.7*	*MW011A*

Water Wells

Groundwater samples were collected from four privately owned water wells for total chromium and hexavalent chromium metals analysis. The regulatory limit for total chromium and hexavalent chromium concentrations is defined by the NMWQCC Human Health Standard of 0.05 mg/L. The reported total chromium and hexavalent chromium metals analytical results are presented below:

	Chromium		Hexavalent Chromium	
Number of Detections	*1*		*1*	
Exceedances Above Regulatory Limit	--		--	
Maximum Concentration (mg/L)	*0.0296*	*WoodellWW*	*0.022*	*WoodellWW*

An isopleth map including deep monitor well and private water well locations, Total Chromium mg/L – Deep Wells (March/April 2009), is presented as **Figure 9**. An isopleth map including deep monitor well and private water well locations, Hexavalent Chromium mg/L – Deep Wells (March/April 2009), is presented as **Figure 10**.

* -- indicates a numeric value of zero.

4.8.2 August 2009 Total Chromium and Hexavalent Chromium Metals Analysis

Shallow Monitor Wells

Groundwater samples were collected from 25 shallow monitor wells for total chromium and hexavalent chromium metals analysis. The regulatory limit for total chromium and hexavalent chromium concentrations is defined by the NMWQCC Human Health Standard of 0.05 mg/L. The reported total chromium and hexavalent chromium metals analytical results are presented below:

	Chromium		Hexavalent Chromium	
Number of Detections	*7*		*7*	
Exceedances Above Regulatory Limit	*5*		*5*	
Minimum Concentration (mg/L)	*0.0387*	*MW010*	*0.028*	*MW010*
Maximum Concentration (mg/L)	*4.24*	*MW061*	*4.4*	*MW061*

An isopleth map, Total Chromium mg/L – Shallow Wells (August 2009), is presented as **Figure 11**. An isopleth map, Hexavalent Chromium mg/L – Shallow Wells (August 2009), is presented as **Figure 12**.

Deep Monitor Wells

Groundwater samples were collected from 46 deep monitor wells for total chromium and hexavalent chromium metals analysis. The regulatory limit for total chromium and hexavalent chromium concentrations is defined by the NMWQCC Human Health Standard of 0.05 mg/L. The reported total chromium and hexavalent chromium metals analytical results are presented below:

	Chromium		Hexavalent Chromium	
Number of Detections	*18*		*15*	
Exceedances Above Regulatory Limit	*12*		*12*	
Minimum Concentration (mg/L)	*0.0156*	*MW085SA*	*0.031*	*MW021A*
Maximum Concentration (mg/L)	*1.47*	*IW024*	*1.2*	*IW024*

Water Wells

Groundwater samples were collected from three privately owned water wells for total chromium and hexavalent chromium metals analysis. The regulatory limit for total chromium and hexavalent chromium concentrations is defined by the NMWQCC Human Health Standard of 0.05 mg/L. The reported total chromium and hexavalent chromium metals analytical results are presented below:

	Chromium		Hexavalent Chromium	
Number of Detections	*1*		*1*	
Exceedances Above Regulatory Limit	*1*		*1*	
Maximum Concentration (mg/L)	*0.0561*	*WoodellWW*	*0.058*	*WoodellWW*

An isopleth map including deep monitor well and private water well locations, Total Chromium mg/L – Deep Wells (August 2009), is presented as **Figure 13**. An isopleth map including deep monitor well and private water well locations, Hexavalent Chromium mg/L – Deep Wells (August 2009), is presented as **Figure 14**.

4. 9 Chloride Analysis

During the March/April 2009 and August 2009 events, groundwater samples were analyzed for chloride. **Table 2** includes a summary of the 2009 cumulative chloride analytical results and compares the results with the NMWQCC Human Health standards.

4.9.1 March/April 2009 Chloride Analysis

Shallow Monitor Wells

Groundwater samples were collected from 47 shallow monitor wells for chloride analysis. The regulatory limit for total chloride concentrations is defined by the NMWQCC Human Health Standard of 250 mg/L. The reported chloride analytical results are presented below:

	Chloride	
Number of Detections	*47*	
Exceedances Above Regulatory Limit	*40*	
Minimum Concentration (mg/L)	*121*	*MW031*
Maximum Concentration (mg/L)	*2,590*	*MW010*

An isopleth map, Chloride mg/L – Shallow Wells (March/April 2009), is presented as **Figure 15**.

Deep Monitor Wells

Groundwater samples were collected from 85 deep monitor wells for chloride analysis. The regulatory limit for total chloride concentrations is defined by the NMWQCC Human Health Standard of 250 mg/L. The reported chloride analytical results are presented below:

	Chloride	
Number of Detections	*85*	
Exceedances Above Regulatory Limit	*72*	
Minimum Concentration (mg/L)	*44.9*	*MW014A*
Maximum Concentration (mg/L)	*6,370*	*MW021A*

Water Wells

Groundwater samples were collected from four privately owned water wells for chloride analysis. The regulatory limit for total chloride concentrations is defined by the NMWQCC Human Health Standard of 250 mg/L. The reported chloride analytical results are presented below:

	Chloride	
Number of Detections	4	
Exceedances Above Regulatory Limit	4	
Minimum Concentration (mg/L)	255	EPWW1
Maximum Concentration (mg/L)	1,610	LORDWW

An isopleth map including deep monitor well and private water well locations, Chloride mg/L – Deep Wells (March/April 2009), is presented as **Figure 16**.

4.9.2 August 2009 Chloride Analysis

Shallow Monitor Wells

Groundwater samples were collected from 25 shallow monitor wells for chloride analysis. The regulatory limit for total chloride concentrations is defined by the NMWQCC Human Health Standard of 250 mg/L. The reported chloride analytical results are presented below:

	Chloride	
Number of Detections	25	
Exceedances Above Regulatory Limit	17	
Minimum Concentration (mg/L)	95.9	MW031
Maximum Concentration (mg/L)	3,470	MW069

An isopleth map, Chloride mg/ L– Shallow Wells (August 2009), is presented as **Figure 17**.

Deep Monitor Wells

Groundwater samples were collected from 46 deep monitor wells for chloride analysis. The regulatory limit for total chloride concentrations is defined by the NMWQCC Human Health Standard of 250 mg/L. The reported chloride analytical results are presented below:

	Chloride	
Number of Detections	46	
Exceedances Above Regulatory Limit	33	
Minimum Concentration (mg/L)	45.6	MW014A
Maximum Concentration (mg/L)	6,020	MW021A

Water Wells

Groundwater samples were collected from three privately owned water wells for chloride analysis. The regulatory limit for total chloride concentrations is defined by the NMWQCC Human Health Standard of 250 mg/L. The reported chloride analytical results are presented below:

	Chloride	
Number of Detections	3	
Exceedances Above Regulatory Limit	3	
Minimum Concentration (mg/L)	615	WOODELLWW
Maximum Concentration (mg/L)	2,040	LORDWW

An isopleth map including deep monitor well and private water well locations, Chloride mg/L – Deep Wells (August 2009), is presented as **Figure 18**.

4. 10 Benzene, Toluene, Ethylbenzene, and Xylene Analysis

During the March/April 2009 and August 2009 events, groundwater samples were analyzed for BTEX analytes. **Table 2** includes a summary of the 2009 cumulative BTEX analytical results and compares the results with the NMWQCC Human Health standards.

4.10.1 March/April 2009 Benzene, Toluene, Ethylbenzene, and Xylene Analysis

Shallow Monitor Wells

Groundwater samples were collected from 47 shallow monitor wells for BTEX analysis. The regulatory limit for benzene, toluene, ethylbenzene, and xylene are defined by the NMWQCC Human Health Standards of 0.01 mg/L, 0.75 mg/L, 0.75 mg/L and 0.62 mg/L, respectively. The reported BTEX analytical results are presented below:

	Benzene		Toluene		Ethylbenzene		Xylene	
Number of Detections	*18*		*13*		*15*		*6*	
Exceedances Above Regulatory Limit	*8*		--		--		--	
Minimum Concentration (mg/L)	*0.002*	*MW0461*	*0.0012*	*MW015*	*0.001*	*MW060*	*0.0036*	*MW061*
Maximum Concentration (mg/L)	*0.51*	*MW006*	*0.19*	*MW033*	*0.28*	*MW033*	*0.42*	*MW036*

An isopleth map, Benzene mg/L – Shallow Wells (March/April 2009), is presented as **Figure 19**.

Deep Monitor Wells

Groundwater samples were collected from 85 deep monitor wells for BTEX analysis. The regulatory limit for benzene, toluene, ethylbenzene, and xylene are defined by the NMWQCC Human Health Standards of 0.01 mg/L, 0.75 mg/L, 0.75 mg/L and 0.62 mg/L, respectively. The reported BTEX analytical results are presented below:

	Benzene		Toluene		Ethylbenzene		Xylene	
Number of Detections	*24*		*21*		*24*		*3*	
Exceedances Above Regulatory Limit	*10*		--		--		--	
Minimum Concentration (mg/L)	*0.002*	*MW0461*	*0.0013*	*MW015*	*0.001*	*MW060*	*0.0031*	*MW061*
Maximum Concentration (mg/L)	*0.29*	*MW006*	*0.01*	*MW033*	*0.23*	*MW033*	*0.034*	*MW036*

Water Wells

Groundwater samples were collected from four privately owned water wells for BTEX analysis. The regulatory limit for benzene, toluene, ethylbenzene, and xylene are defined by the NMWQCC Human Health Standards of 0.01 mg/L, 0.75 mg/L, 0.75 mg/L and 0.62 mg/L, respectively. The reported BTEX analytical results are presented below:

	Benzene		Toluene		Ethylbenzene		Xylene
Number of Detections	1		1		1		--
Exceedances Above Regulatory Limit	1		--		--		--
Maximum Concentration (mg/L)	0.018	LORDWW	0.0045	LORDWW	0.0014	LORDWW	

An isopleth map including deep monitor well and private water well locations, Benzene mg/L – Deep Wells (March/April 2009), is presented as **Figure 20**.

4.10.2 August 2009 Benzene, Toluene, Ethylbenzene, and Xylene Analysis

Shallow Monitor Wells

Groundwater samples were collected from 25 shallow monitor wells for BTEX analysis. The regulatory limit for benzene, toluene, ethylbenzene, and xylene are defined by the NMWQCC Human Health Standards of 0.01 mg/L, 0.75 mg/L, 0.75 mg/L and 0.62 mg/L, respectively. The reported BTEX analytical results are presented below:

	Benzene		Toluene		Ethylbenzene		Xylene	
Number of Detections	3		2		2		2	
Exceedances Above Regulatory Limit	1		--		--		--	
Minimum Concentration (mg/L)	0.0011	MW014	0.01	MW069	0.022	MW069	0.0064	MW069
Maximum Concentration (mg/L)	0.18	MW033	0.15	MW033	0.26	MW033	0.085	MW033

An isopleth map, Benzene mg/L – Shallow Wells (August 2009), is presented as **Figure 21**.

Deep Monitor Wells

Groundwater samples were collected from 46 deep monitor wells for BTEX analysis. The regulatory limit for benzene, toluene, ethylbenzene, and xylene are defined by the NMWQCC Human Health Standards of 0.01 mg/L, 0.75 mg/L, 0.75 mg/L and 0.62 mg/L, respectively. The reported BTEX analytical results are presented below:

	Benzene		Toluene		Ethylbenzene		Xylene	
Number of Detections	1		1		1		1	
Exceedances Above Regulatory Limit	--		--		--		--	
Maximum Concentration (mg/L)	0.002	MW024A	0.0013	MW024A	0.001	IW025	0.0058	IW025

Water Wells

Groundwater samples were collected from three privately owned water wells for BTEX analysis. No groundwater BTEX concentrations were detected in analytical results.

An isopleth map including deep monitor well and private water well locations, Benzene mg/L – Deep Wells (August 2009), is presented as **Figure 22**.

4. 11 TPH-DRO and TPH-GRO Analysis

During the March/April 2009 and August 2009 events, groundwater samples were analyzed for TPH-DRO and TPH-GRO analysis. The NMWQCC does not currently stipulate a regulatory standard for the presence of TPH-DRO and TPH-GRO in groundwater. **Table 2** includes a summary of the 2009 cumulative TPH-DRO and TPH-GRO analytical results.

4.11.1 March/April 2009 TPH-DRO and TPH-GRO Analysis

Shallow Monitor Wells

Groundwater samples were collected from 47 shallow monitor wells for TPH-GRO and TPH-DRO analysis. The reported TPH-DRO and TPH-GRO analytical results are presented below:

	TPH-DRO		TPH-GRO	
Number of Detections	*31*		*12*	
Exceedances Above Regulatory Limit	--		--	
Minimum Concentration (mg/L)	*0.096*	*MW068*	*0.062*	*MW070*
Maximum Concentration (mg/L)	*1,500*	*MW088M*	*4.9*	*MW088M*

A shallow well concentration map, TPH-DRO and TPH-GRO mg/L – Shallow Wells (March/April 2009), is presented as **Figure 23**.

Deep Monitor Wells

Groundwater samples were collected from 85 deep monitor wells for TPH-DRO and TPH-GRO analysis. The reported TPH-DRO and TPH-GRO analytical results are presented below:

	TPH-DRO		TPH-GRO	
Number of Detections	36		9	
Exceedances Above Regulatory Limit	NA**		NA	
Minimum Concentration (mg/L)	*0.097*	MW077SA	*0.1*	MW070A
Maximum Concentration (mg/L)	*710*	RW004A	*19*	RW004A

Water Wells

Groundwater samples were collected from four privately owned water wells for TPH-DRO and TPH-GRO analysis. The reported TPH-DRO and TPH-GRO analytical results are presented below:

	TPH-DRO		TPH-GRO	
Number of Detections	1		1	
Exceedances Above Regulatory Limit	NA		NA	
Maximum Concentration (mg/L)	*0.52*	EPWW1	*0.08*	LORDWW

A concentration map including deep monitor well and private water well locations, TPH-DRO and TPH-GRO mg/L – Deep Wells (March/April 2009), is presented as **Figure 24**.

** NA indicates there is no regulatory limit for the respective constituent.

4.11.2 August 2009 TPH-DRO and TPH-GRO Analysis

Shallow Monitor Wells

Groundwater samples were collected from 25 shallow monitor wells for TPH-GRO and TPH-DRO analysis. The reported TPH-DRO and TPH-GRO analytical results are presented below:

	TPH-DRO		TPH-GRO	
Number of Detections	*18*		*4*	
Exceedances Above Regulatory Limit	--		--	
Minimum Concentration (mg/L)	*0.1*	*MW013*	*0.12*	*MW069*
Maximum Concentration (mg/L)	*0.89*	*MW033*	*2*	*MW033*

A shallow well concentration map, TPH-DRO and TPH-GRO mg/L–Shallow Wells (August 2009), is presented as **Figure 25**.

Deep Monitor Wells

Groundwater samples were collected from 46 deep monitor wells for TPH-DRO and TPH-GRO analysis. The reported TPH-DRO and TPH-GRO analytical results are presented below:

	TPH-DRO		TPH-GRO	
Number of Detections	*14*		*3*	
Exceedances Above Regulatory Limit	--		--	
Minimum Concentration (mg/L)	*0.11*	*MW054SA*	*0.051*	*MW063A*
Maximum Concentration (mg/L)	*0.81*	*MW021A*	*0.11*	*MW062A*

Water Wells

Groundwater samples were collected from three privately owned water wells for TPH-DRO and TPH-GRO analysis. No groundwater TPH-DRO and TPH-GRO concentrations were detected in analytical results.

A concentration map including deep monitor well and private water well locations, TPH-DRO and TPH-GRO mg/L – Deep Wells (August 2009), is presented as **Figure 26**.

4. 12 Inorganic Metals Analysis

During the March/April 2009 and August 2009 events, groundwater samples were analyzed for inorganic metal analytes. It should be noted that the elevated concentrations of inorganic metals recorded during the 2009 sampling events are likely related to the dissolution of metals in the natural substrata and are not indicative of any historically documented plant activities. **Table 3** summarizes the 2009 inorganic metals analytical results.

4.12.1 March/April 2009 Inorganic Metals Analysis

Shallow Monitor Wells

Groundwater samples were collected from 47 shallow monitor wells for inorganic metals analysis. The regulatory limit for arsenic, iron, and manganese are defined by the NMWQCC Human Health Standards of 0.1 mg/L, 1.0 mg/L, and 0.2 mg/L, respectively. The reported inorganic metals analytical results are presented below:

	Arsenic		Iron		Manganese	
Number of Detections	*14*		*19*		*32*	
Exceedances Above Regulatory Limit	*3*		*16*		*22*	
Minimum Concentration (mg/L)	*0.0211*	*MW028*	*0.389*	*MW033*	*0.0058*	*MW069*
Maximum Concentration (mg/L)	*0.137*	*MW012M*	*1030*	*MW088M*	*52.7*	*MW033*

Deep Monitor Wells

Groundwater samples were collected from 85 deep monitor wells for inorganic metals analysis. The regulatory limit for arsenic, iron, and manganese are defined by the NMWQCC Human Health Standards of 0.1 mg/L, 1.0 mg/L, and 0.2 mg/L, respectively. The reported inorganic metals analytical results are presented below:

	Arsenic		Iron		Manganese	
Number of Detections	*18*		*20*		*45*	
Exceedances Above Regulatory Limit	*5*		*17*		*23*	
Minimum Concentration (mg/L)	*0.02*	*MW012A*	*0.2*	*MW012A*	*0.005*	*MW012A*
Maximum Concentration (mg/L)	*0.299*	*IW007*	*986*	*MW004A*	*25.9*	*IW009*

Water Wells

Groundwater samples were collected from four privately owned water wells for inorganic metals analysis. The regulatory limit for arsenic, iron, and manganese are defined by the NMWQCC Human Health Standards of 0.1 mg/L, 1.0 mg/L, and 0.2 mg/L, respectively. The reported inorganic metals analytical results are presented below:

	Iron		Manganese	
Number of Detections	*2*		*3*	
Exceedances Above Regulatory Limit	*2*		*2*	
Minimum Concentration (mg/L)	*2.18*	*GOPWW2*	*0.138*	*LORDWW*
Maximum Concentration (mg/L)	*4.2*	*LORDWW*	*0.513*	*GOPWW2*

* Arsenic concentrations were not detected in water well analytical results.

4.12.2 August 2009 Inorganic Metals Analysis

Shallow Monitor Wells

Groundwater samples were collected from 25 shallow monitor wells for inorganic metals analysis. The regulatory limit for arsenic, iron, and manganese are defined by the NMWQCC Human Health Standards of 0.1 mg/L, 1.0 mg/L, and 0.2 mg/L, respectively. The reported inorganic metals analytical results are presented below:

	Arsenic		Manganese	
Number of Detections	*6*		*10*	
Exceedances Above Regulatory Limit	--		*6*	
Minimum Concentration (mg/L)	*0.0218*	*MW023*	*0.0059*	*MW032*
Maximum Concentration (mg/L)	*0.0283*	*MW014*	*1.11*	*MW060*

* Iron concentrations were not detected in shallow monitor well analytical results.

Deep Monitor Wells

Groundwater samples were collected from 46 deep monitor wells for inorganic metals analysis. The regulatory limit for arsenic, iron, and manganese are defined by the NMWQCC Human Health Standards of 0.1 mg/L, 1.0 mg/L, and 0.2 mg/L, respectively. The reported inorganic metals analytical results are presented below:

	Arsenic		Iron		Manganese	
Number of Detections	*7*		*2*		*9*	
Exceedances Above Regulatory Limit	--		--		*6*	
Minimum Concentration (mg/L)	*0.0209*	*MW018A*	*0.52*	*MW083SA*	*0.0114*	*MW012A*
Maximum Concentration (mg/L)	*0.0304*	*MW040A*	*0.565*	*MW082SA*	*3.15*	*MW060*

Water Wells

Groundwater samples were collected from three privately owned water wells for inorganic metals analysis. The regulatory limit for arsenic, iron, and manganese are defined by the NMWQCC Human Health Standards of 0.1 mg/L, 1.0 mg/L, and 0.2 mg/L, respectively. The reported inorganic metals analytical results are presented below:

	Iron		Manganese	
Number of Detections	*1*		*2*	
Exceedances Above Regulatory Limit	*1*		*1*	
Minimum Concentration (mg/L)	*1.34*	*LORDWW*	*0.0139*	*LORDWW*
Maximum Concentration (mg/L)			*0.577*	*GOPWW2*

4. 13 Total Dissolved Solids Analysis

During the March/April 2009 and August 2009 events, groundwater samples were analyzed for TDS. **Table 4** includes a summary of the 2009 groundwater parameter results, including TDS analytical results.

4.13.2 August 2009 Total Dissolved Solids Analysis

Shallow Monitor Wells
Groundwater samples were collected from 25 shallow monitor wells for TDS analysis. The regulatory limit for TDS is defined by the NMWQCC Human Health Standards of 1,000 mg/L. The reported TDS analytical results are presented below:

	Total Dissolved Solids	
Number of Detections	*18*	
Exceedances Above Regulatory Limit	*12*	
Minimum Concentration (mg/L)	*647*	*MW014*
Maximum Concentration (mg/L)	*6,690*	*MW69*

Deep Monitor Wells
Groundwater samples were collected from 46 deep monitor wells for TDS analysis. The regulatory limit for TDS is defined by the NMWQCC Human Health Standards of 1,000 mg/L. The reported TDS analytical results are presented below:

	Total Dissolved Solids	
Number of Detections	*35*	
Exceedances Above Regulatory Limit	*6*	
Minimum Concentration (mg/L)	*452*	*MW024A*
Maximum Concentration (mg/L)	*13,300*	*MW021A*

Water Wells
Groundwater samples were collected from four deep monitor wells for TDS analysis. The regulatory limit for TDS is defined by the NMWQCC Human Health Standards of 1,000 mg/L. The reported TDS analytical results are presented below:

	Total Dissolved Solids	
Number of Detections	*2*	
Exceedances Above Regulatory Limit	*2*	
Minimum Concentration (mg/L)	*1,480*	*WOODELLWW*
Maximum Concentration (mg/L)	*3,060*	*GOPWW2*

4. 14 Additional Analysis

During the March/April 2009 and August 2009 events, groundwater samples from monitor wells MW090SA, IW023, IW024, IW025, and IW026 were analyzed for sodium, pH, alkalinity, TOC, and sulfide. The regulatory limit for pH is defined by the NMWQCC Human Health Standard of 6-9 (measured as the negative logarithm (base 10) of the molar concentration of dissolved hydrogen units (H^+)). The regulatory limit for sulfate is defined by the NMWQCC Human Health Standard of 600 mg/L. The NMWQCC does not currently stipulate a regulatory standard for the presence of alkalinity, TOC, and sulfide in groundwater. Due to the alkaline nature of the local soils, alkalinity was analyzed to a pH of 4.5. Alkalinity is measured in milliequivalents per liter

(mEq/L). **Table 3** includes a summary of the 2009 groundwater parameter results, including sodium analytical results. **Table 4** includes a summary of the 2009 groundwater parameter results, including pH, alkalinity to pH 8.3, alkalinity to pH 4.5, TOC, and sulfide.

4.14.1 March/April 2009 Additional Analysis

Groundwater samples were collected from 5 shallow monitor wells for sodium, pH alkalinity, TOC, and sulfide analysis. The reported sodium, pH alkalinity, TOC, and sulfide analytical results are presented below:

	Sodium	
Number of Detections	*5*	
Exceedances Above Regulatory Limit	--	
Minimum Concentration (mg/L)	*279*	*IW026*
Maximum Concentration (mg/L)	*661*	*IW025*

	pH	
Number of Detections	*5*	
Exceedances Above Regulatory Limit	*4*	
Minimum pH Unit	*6.6*	*IW025*
Maximum pH Unit	*7.3*	*IW026*

	Alkalinity to pH of 4.5	
Number of Detections	*5*	
Exceedances Above Regulatory Limit	--	
Minimum Alkalinity (mEq/L)	*212*	*IW024*
Maximum Alkalinity (mEq/L)	*998*	*IW025*

	Total Organic Carbon		**Sulfide**	
Number of Detections	*3*		*1*	
Exceedances Above Regulatory Limit	--		--	
Minimum Concentration (mg/L)	*30*	*MW014A*	*49.8*	*IW025*
Maximum Concentration (mg/L)	*14,900*	*RW004A*		

4.14.2 August 2009 Total Dissolved Solids Analysis

Groundwater samples were collected from 5 shallow monitor wells for sodium, pH, alkalinity, TOC, and sulfide analysis. The reported sodium, pH, alkalinity, TOC, and sulfide analytical results are presented below:

	Sodium	
Number of Detections	5	
Exceedances Above Regulatory Limit	--	
Minimum Concentration (mg/L)	*246*	*IW026*
Maximum Concentration (mg/L)	*601*	*IW024*

	pH	
Number of Detections	5	
Exceedances Above Regulatory Limit	4	
Minimum Concentration (mg/L)	*6.6*	*IW025*
Maximum Concentration (mg/L)	*7.2*	*IW026*

	Alkalinity to 4.5	
Number of Detections	5	
Exceedances Above Regulatory Limit	--	
Minimum Concentration (mg/L)	*210*	*IW024*
Maximum Concentration (mg/L)	*799*	*IW025*

	Total Organic Carbon		Sulfide		Sulfate	
Number of Detections	4		1		5	
Exceedances Above Regulatory Limit	--		--		4	
Minimum Concentration (mg/L)	*4.4*	*IW023*	*254*	*IW025*	*390*	*IW026*
Maximum Concentration (mg/L)	*60.8*	*Iw025*			*1,670*	*IWO24*

5.0 OPERATION AND MAINTENANCE ACTIVITIES

Observed hydrocarbons have impacted soil and groundwater at the Site within a limited area inside the plant boundary; however, the source of the hydrocarbon impact is believed to have been removed. Stantec performed monthly O&M at the Plant involving the gauging of monitor wells MW005 and MW006 using an oil-water interface probe to determine the PSH thickness; which was recorded on the O&M Field Report. Since October 2005, PSH thickness has not been observed in MW005. PSH was not observed in MW005 and MW006 during the 2009 monthly O&M visits.

Stantec proposed in a letter to the NMOCD dated March 20, 2009 to utilize a mutually agreed upon form of passive PSH collection in the wells that would achieve similar results. Copies of the 2009 Operations and Maintenance Field Report are attached as **Appendix C.**

6.0 QUALITY ASSURANCE/QUALITY CONTROL PROGRAM

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

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

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

6. 1 Field Duplicate Samples

A field duplicate sample is a second sample collected at the same location as the original sample. Duplicate samples are collected simultaneously, or in immediate succession, using identical recovery techniques, and treated in an identical manner during storage, transportation, and analysis. One duplicate sample is collected for every ten groundwater samples collected to assure accuracy of testing methods by the laboratory. Twelve (12) duplicate samples were collected during the March/April 2009 sampling event and seven (7) duplicate samples were collected during the August 2009 sampling event. The following table presents benzene analytical results for wells sampled during the 2009 semi-annual events compared to their respective duplicate sample results.

Date	Original Sample ID	Original Sample Analytical Results (ug/L)	Duplicate Sample ID	Duplicate Sample Analytical Result (ug/L)
03/17/09	MW040A	6.8	DUP#100	6.8
03/18/09	MW083SA	<1.0	DUP#200	<1.0
03/19/09	MW015A	9.8	DUP#101	9.3
03/23/09	IW015	7.6	DUP#201	5.6
03/25/09	IW019	<1.0	DUP#202	<1.0
03/25/09	MW024	<1.0	DUP#102	<1.0
03/26/09	MW055SA	<1.0	DUP#103	<1.0
03/30/09	MW013A	<1.0	DUP#104	<1.0
03/31/09	MW011A	<1.0	DUP#203	<1.0
03/31/09	MW002A	<1.0	DUP#105	<1.0
04/02/09	MW051SA	<1.0	DUP#106	<1.0
04/07/09	IW028	<1.0	DUP#204	<1.0
08/10/09	MW086SA	<1.0	DUP#100	<1.0
08/19/09	MW061	<1.0	DUP#101	<1.0
08/20/09	MW023A	<1.0	DUP#200	<1.0
08/20/09	MW025	<1.0	DUP#102	<1.0
08/24/09	MW075SA	<1.0	DUP#201	<1.0
08/24/09	MW033	180	DUP#103	170
08/25/09	MW022A	<1.0	DUP#104	<1.0

The following table presents chloride analytical results for wells sampled during the 2009 semi-annual events compared to their respective duplicate sample results.

Date	Original Sample ID	Original Sample Analytical Results (ug/L)	Duplicate Sample ID	Duplicate Sample Analytical Result (ug/L)
03/17/09	MW040A	54.1	DUP#100	52.1
03/18/09	MW083SA	1470	DUP#200	1540
03/19/09	MW015A	2010	DUP#101	1900
03/23/09	IW015	984	DUP#201	988
03/25/09	IW019	1730	DUP#202	1040
03/25/09	MW024	985	DUP#102	563
03/26/09	MW055SA	719	DUP#103	694
03/30/09	MW013A	68	DUP#104	66.8
03/31/09	MW011A	1420	DUP#203	1600
03/31/09	MW002A	1160	DUP#105	1270
04/02/09	MW051SA	1240	DUP#106	1260
04/07/09	IW028	583	DUP#204	569
08/10/09	MW086SA	1330	DUP#100	1500
08/19/09	MW061	716	DUP#101	836
08/20/09	MW023A	50.6	DUP#200	49.1
08/20/09	MW025	432	DUP#102	439
08/24/09	MW075SA	586	DUP#201	1250
08/24/09	MW033	915	DUP#103	909
08/25/09	MW022A	68.7	DUP#104	67.1

The duplicate samples represent acceptable laboratory precision in all but three of the duplicate sample results. The IW19, MW024, and MW075SA sample concentration results varied significantly from the respective duplicate sample concentration results. Stantec will continue to closely monitor these three well locations during 2010 sampling activities.

6. 2 Trip Blank Samples

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

No constituents were detected in the March/April 2009 or August 2009 trip blanks.

6. 3 Decontamination Procedures

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

7.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based upon reviews of historical data, evaluation of operations, past remedial techniques, and data collected during 2009.

7. 1 Conclusions

The potentiometric surface of the Site is believed to be atypical for this general region, but is consistent with activities south of the Plant and well pumping at the Plant. The potentiometric surface returns to the natural gradient to the east of the Plant.

7.1.1 Total Chromium and Hexavalent Chromium

The chromium plume is fully defined in all but the northeastern most direction in the deep zone. The shallow zones are fully defined to the south and west. The shallow and deep zone plumes are illustrated on **Figure 7** through **Figure 14**.

Shallow Zone

- The shallow zone has shown relatively stable chromium concentrations;
- The areas of elevated total chromium concentrations were generally located near the southwest corner of the plant in the vicinity of MW011, MW013, and MW023, and on the east side of the plant in the vicinity of MW004; and
- Hexavalent chromium concentrations were generally located in the same areas south and west of the plant. Elevated concentrations were also observed on the east side of the plant in the vicinity of MW004.

Deep Zone

- Total chromium concentrations have generally decreased in the distal array injection wells since discontinuing IRZ, primarily due to increasing pH values;
- The results indicate the leading edge of the total chromium plume has not reached the furthest water well to the east (GOPWW2); however, the well located 600 feet west of GOPWW2 (MW086SA) continues to trend elevated concentrations;
- The areas of elevated total chromium concentrations were generally located in the southwest portion of the plant centered on MW011A, and east of the plant centered on the medial array;
- Hexavalent chromium concentrations were generally located in the southwest portion of the plant, centered on MW011A, and east of the plant centered on the medial array. Additionally, results indicate the leading edge of the hexavalent chromium plume has not reached the furthest monitoring well to the east (GOPWW2); however, elevated hexavalent chromium concentrations were located directly east of the medial array.

Water Wells

- There is an overall increase in total chromium on the southern side of the plume and a decrease on the northern side. However, an exception to the trend is the elevated hexavalent chromium concentration at the northern most water well location, WoodellWW, during August 2009; and
- All other water well locations remain below the regulatory limits for total and hexavalent chromium.

Concentrations at the distal end of the plume generally remained consistent with 2008 analytical results. Sentry wells with low or non-detectable concentrations of chromium are at the northern and eastern most extent of the plume.

7.1.2 Chloride and TDS

Chloride concentrations are elevated across the entire Site and indicate regional impact, as the plume is not fully defined in the shallow zone wells to the west and south of the Site, and to the north and northeast in the deep zone wells. The shallow and deep zone plumes are illustrated on **Figure 15** through **Figure 18**.

Shallow Zone

- Elevated chloride concentrations were generally located to the south and southwest of the plant.
- Elevated chloride concentrations were noted in the following wells: MW010, MW015, MW006, MW037, MW005, MW014, MW008M, MW011, MW002, MW060, and MW068.

Deep Zone

- Elevated chloride concentrations were generally located east, centered on the distal array, and on the northeast side of the plant, centered on MW021A and MW042A. Additionally, elevated chloride concentrations were located east of the medial array, centered on MW084SA.

Water Wells

- Elevated chloride concentrations were observed at three water well locations (WOODELLWW, GOPWW2, and LORDWW) during both the April/March and August 2009 sampling events;
- Elevated chloride concentrations at the three water well locations were generally located along the fringe of the deep zone chloride plume: WOODELLWW is located along the northern edge of the chloride plume, GOPWW2 is located at the east edge of the chloride plume, and LORDWW is located towards the southern edge of the chloride plume.

Both the shallow and deep chloride concentrations suggest multiple sources located southwest, south, and northeast of the plant. There have been no documented releases of chlorides associated with the Plant. However, there are numerous regional oilfield-related operations that may have contributed to the chloride concentrations in groundwater. During December 2009, Stantec conducted a chlorides investigation at select locations in and around the Plant; 25 soil borings were advanced from six areas of concern (AOCs) to maximum depths of 60 feet bgs (or until groundwater was encountered). Soil samples were collected from each soil boring and results will be presented in a separate letter report.

7.1.3 Benzene, Toluene, Ethylbenzene, and Xylene

The shallow benzene plume is fully defined in all directions except north of the plant. The plume is primarily contained on the plant property except for isolated exceedances south of the plant (MW033), west of the plant (MW033) and east of the plant (MW006). The deep benzene plume is fully defined to the south of the Plant. However, elevated deep plume concentrations of benzene were located at isolated locations to the west (MW070A and MW023A), northeast (MW074A), east (IW009 and MW072SA), and on the south side of the plant (RW004A).

During the April/March 2009 sampling event, an elevated benzene concentration was detected in water well location LORDWW. An elevated benzene concentration has not been historically documented in prior sampling events at the LORDWW water well location. Stantec will continue to monitor the location for additional exceedances in 2010.

The shallow and deep zone plumes for the March/April 2009 and August 2009 are illustrated on **Figure 19** through **Figure 22**.

Toluene, ethylbenzene, and xylene concentrations were below WQCC standards; and are not considered primary COCs at the Site.

7.1.4 TPH-DRO and TPH-GRO

TPH-DRO and TPH-GRO concentrations were primarily contained on the plant property near the southwest portion of the plant, the area south-southwest of the plant, and at the distal array (with an isolated detection north of the plant at MW021) as indicated by the results from the March/April 2009 event. The elevated values are likely due to matrix interferences caused by molasses remaining from the previous injections. TPH concentrations are illustrated on **Figure 23** through **Figure 26.**

7.1.5 Inorganic Metals

During the 2008 semi-annual groundwater sampling events, four additional metals (calcium, potassium, magnesium, and sodium) were sampled at five monitor well locations (MW090SA, IW023, IW024, IW025, and IW026) to obtain baseline concentrations prior to initiating in-situ (calcium polysulfide and sodium acetate) chromium treatment. During the 2009 sampling events, one additional metal (sodium) was collected from the five monitor well locations affected by the 2008 in-situ chromium treatment. The other three metals (arsenic, iron, manganese) are consistently part of the semi-annual groundwater monitoring schedule for all well locations sampled. Arsenic, iron, and manganese are monitored to evaluate the liberation of naturally occurring metals from the formation due to reducing conditions present. The three metals generally occur within areas of the Site previously amended with molasses for in-situ chromium treatment (study area, distal array). During the 2009 semiannual sampling events, analytical results from groundwater samples collected at several monitor well locations reported arsenic, iron, and manganese concentrations above their respective NMWQCC regulatory standards. However, as the reducing conditions dissipate, the metals will oxidize back to their insoluble state.

7.1.6 Sulfate

The 2009 sulfate data was collected from the five monitor well locations affected by the 2008 in-situ chromium treatment (MW090SA, IW023, IW024, IW025, and IW026). Sodium sulfate represents a carbon source (electron donor) for native bacteria to degrade using readily available electron acceptors (oxygen, nitrate, and sulfate). The reducing conditions convert hexavalent chromium to insoluble trivalent chromium. During August 2009, analytical results from groundwater samples collected at four monitor well locations (IW023, IW024, IW026, and MW090SA) reported sulfate concentrations above the NMWQCC standard of 600 mg/L. Sulfate will continued to be monitored, as needed, to evaluate consumption of alternate electron acceptors.

7. 2 Recommendations

7.2.1 Additional Evaluation

The following activities are recommended to further delineate and provide additional information on the Site groundwater conditions:

- Additional research and investigation in the area surrounding monitoring well MW061 to delineate the source and extent of the chromium impacts;
- Conduct Site wide in-situ chromium treatment (sodium sulfate); and
- Further evaluate source locations for chloride concentrations.

7.2.2 Sampling Schedule

Semi-annual sampling events are still recommended at this time; however, it is proposed the first event continue to encompass the sampling of all accessible (138) wells at the Site, while the second sampling event in 2010 is contingent on information received on the first sampling event.

For both events, the proposed analytical program is:

- Benzene, ethylbenzene, toluene, and xylene by EPA Method 8021B;
- TPH-DRO and TPH-GRO (at all specified wells except injection wells) by EPA Method 8015B;
- RCRA metals (arsenic, chromium, iron, and manganese) by EPA Method 6010B;
- Hexavalent chromium by EPA Method 7196A;
- Chloride by EPA Method 300.0; and
- TDS by EPA Method 160.1.

Five pilot study well locations (IW-023, IW-024, IW-025, IW-026, and MW-090SA) will be analyzed for five parameters in addition to the above mentioned constituents analyzed from all groundwater samples. The additional parameters for the five pilot study well locations are listed below:

- pH by SM20 4500-H+B;
- Alkalinity by SM20 2320B;
- TOC by SM20 5310 B/C;
- Sulfide by SM20 4500 S2 D;
- Sulfate by EPA Method 300.0; and

- Sodium by EPA Method 6010B.

7.2.3 Phase-Separated Hydrocarbon Remediation

Based on the O&M observations, it has been proposed to NMOCD (in a letter dated March 20, 2009) to discontinue the weekly monitoring and PSH removal at MW005 and MW006 and instead install some form of passive PSH collection (i.e., absorbent sock or other proven technology) in MW006 that will achieve similar results.

8.0 STATEMENT OF LIMITATIONS

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

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

9.0 REFERENCES

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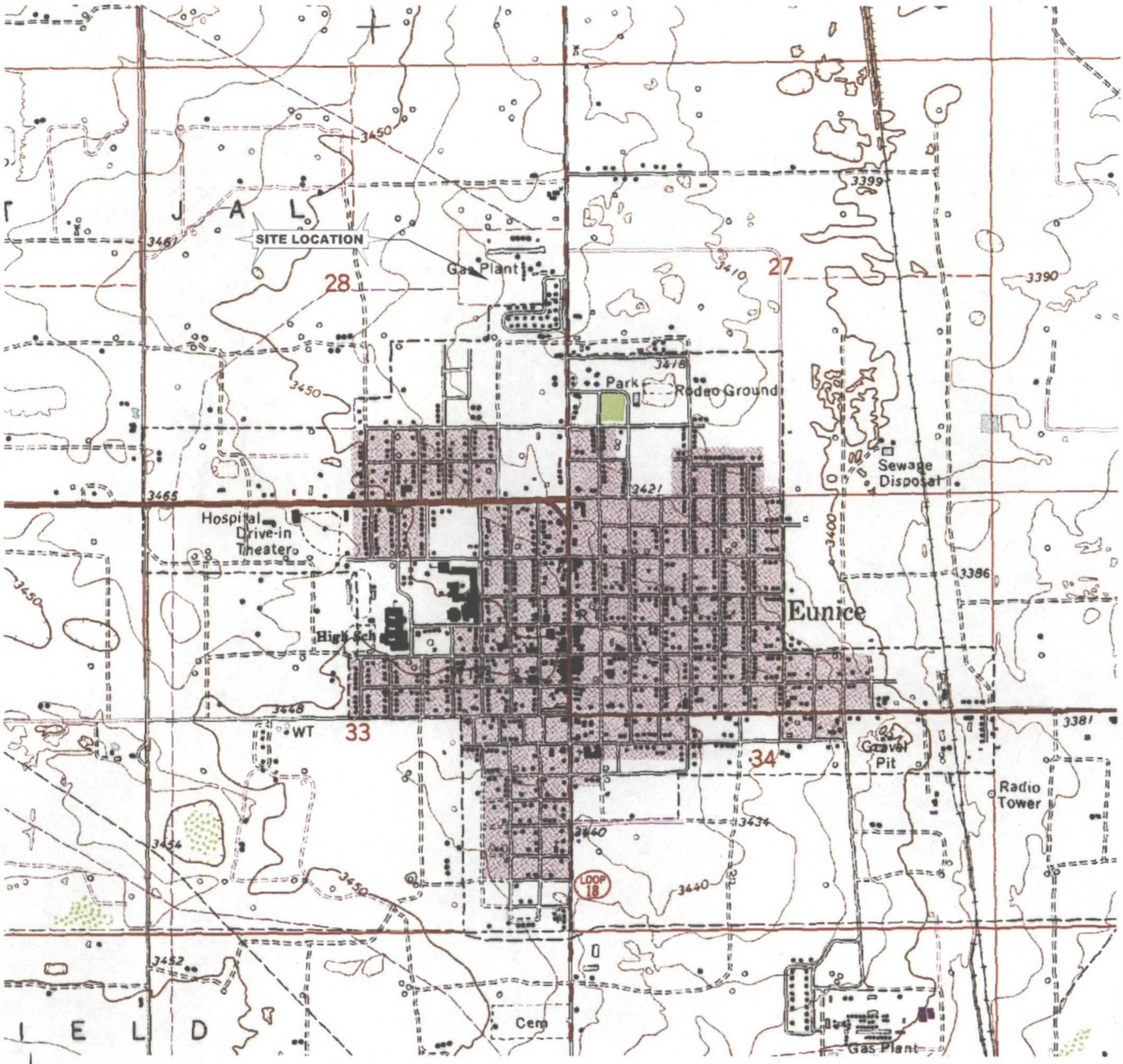
Walker, J. R. (1978). *Baylor Geological Studies, Geomorphic Evolution of the Southern High Plains.* (Bulletin No. 35). Baylor University Department of Geology, Waco, Texas.

FIGURE 1
Site Location Map



1 1/2 0 1

SCALE IN MILE

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

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

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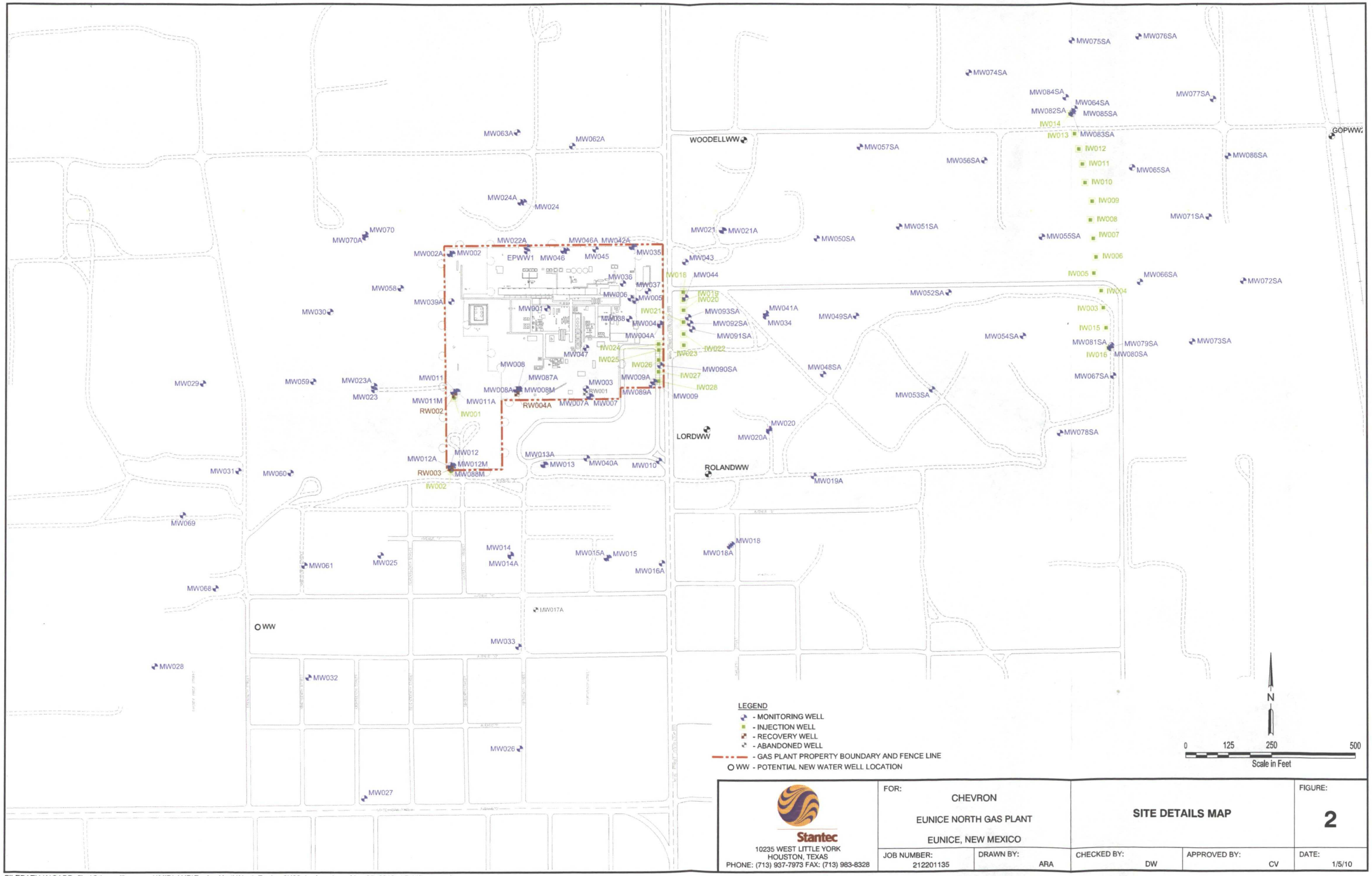
FOR:				FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		SITE LOCATION MAP		1
JOB NUMBER: 212201135	DRAWN BY: ARA	CHECKED BY: DNW	APPROVED BY: CV	DATE: 1/5/10

Eunice North Site Location Map.dwg

FIGURE 2
Site Details Map



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FOR:				FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		SITE DETAILS MAP		2
JOB NUMBER: 212201135	DRAWN BY: ARA	CHECKED BY: DW	APPROVED BY: CV	DATE: 1/5/10

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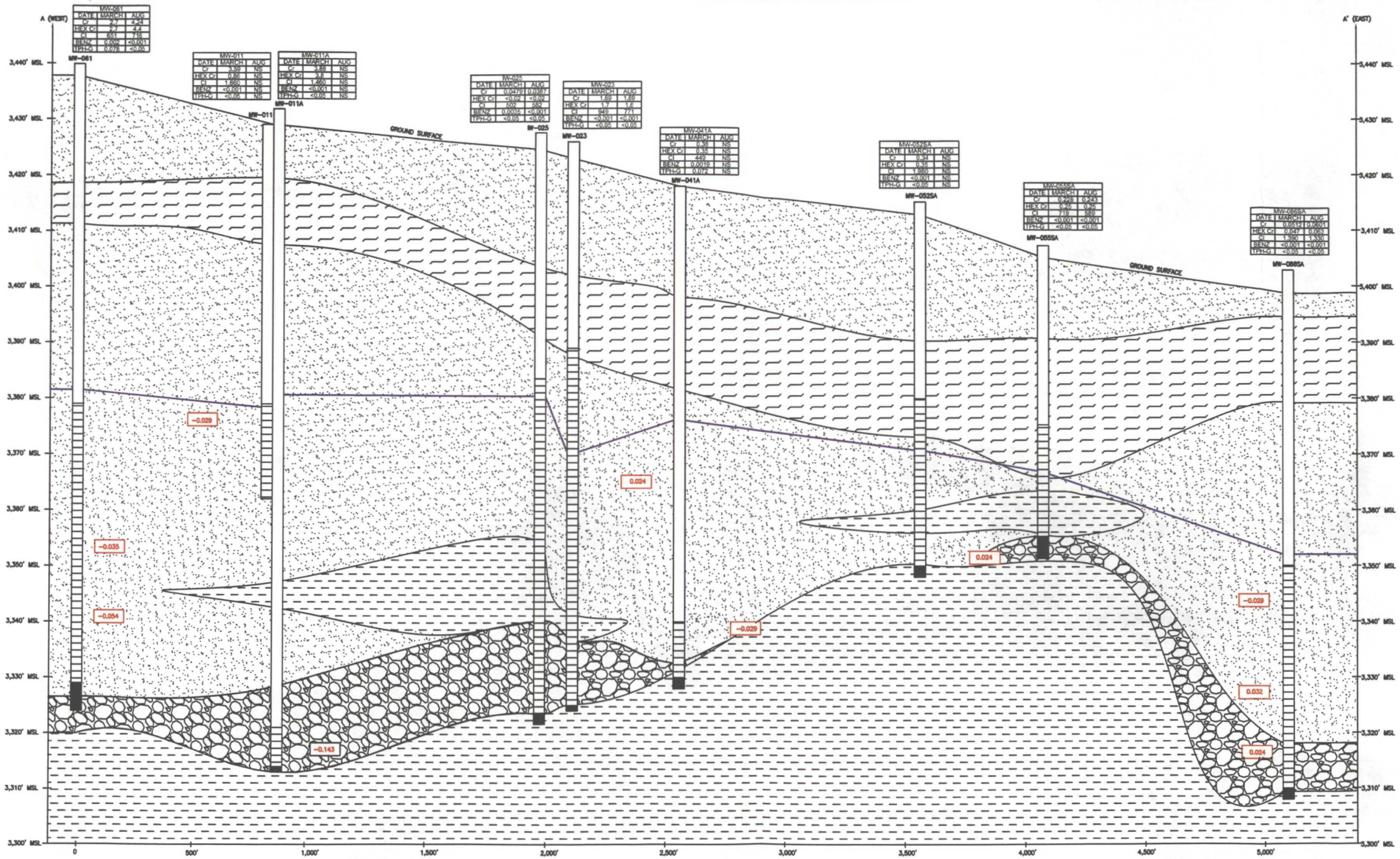
FIGURE 2A
Geologic Cross Section



MW-061		
DATE	MARCH	AUG
Cr	27	4.25
HEX Cr	27	4.4
Cl	601	716
BENZ	0.002	<0.001
TPH-G	0.078	<0.05

MW-011		
DATE	MARCH	AUG
Cr	3.59	NS
HEX Cr	0.06	NS
Cl	1,660	NS
BENZ	<0.001	NS
TPH-G	<0.05	NS

MW-011A		
DATE	MARCH	AUG
Cr	3.48	NS
HEX Cr	3.8	NS
Cl	1,260	NS
BENZ	<0.001	NS
TPH-G	<0.05	NS

MW-025		
DATE	MARCH	AUG
Cr	<0.0479	0.0307
HEX Cr	<0.02	<0.02
Cl	502	562
BENZ	0.0005	<0.001
TPH-G	<0.05	<0.05

MW-023		
DATE	MARCH	AUG
Cr	1.69	1.69
HEX Cr	1.7	1.8
Cl	849	911
BENZ	<0.001	<0.001
TPH-G	<0.05	<0.05

MW-041A		
DATE	MARCH	AUG
Cr	0.36	NS
HEX Cr	0.35	NS
Cl	449	NS
BENZ	0.0012	NS
TPH-G	0.072	NS

MW-052SA		
DATE	MARCH	AUG
Cr	0.34	NS
HEX Cr	0.33	NS
Cl	1,960	NS
BENZ	<0.001	NS
TPH-G	<0.05	NS

MW-055SA		
DATE	MARCH	AUG
Cr	0.256	0.243
HEX Cr	0.26	0.24
Cl	719	589
BENZ	<0.001	<0.001
TPH-G	<0.05	<0.05

MW-085SA		
DATE	MARCH	AUG
Cr	0.0562	0.0001
HEX Cr	0.04	0.005
Cl	1,350	1,330
BENZ	<0.001	<0.001
TPH-G	<0.05	<0.05

LEGEND

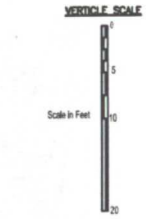
- INTERBEDDED SAND & SANDSTONE
- SAND & GRAVEL
- CLAY REDBED
- CALICHE
- HEAT PULSE FLOW (GPM)
- WATER LEVEL (MARCH 2009)

MW-011A		
DATE	MARCH	AUG
Cr	3.48	NS
HEX Cr	3.8	NS
Cl	1,260	NS
BENZ	<0.001	NS
TPH-G	<0.05	NS

WELL ID
SAMPLE DATE
CHROMIUM CONCENTRATION, mg/L
HEXAVALENT CHROMIUM CONCENTRATION, mg/L
CHLORIDE CONCENTRATION, mg/L
BENZENE CONCENTRATION, mg/L
TPH-G CONCENTRATION, mg/L

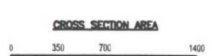
mg/L MILLIGRAMS PER LITER
TPH-G TOTAL PETROLEUM HYDROCARBONS-GASOLINE RANGE

VERTICAL SCALE



HORIZONTAL SCALE

CROSS SECTION AREA



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GEOLOGIC CROSS SECTION

FIGURE: 2A

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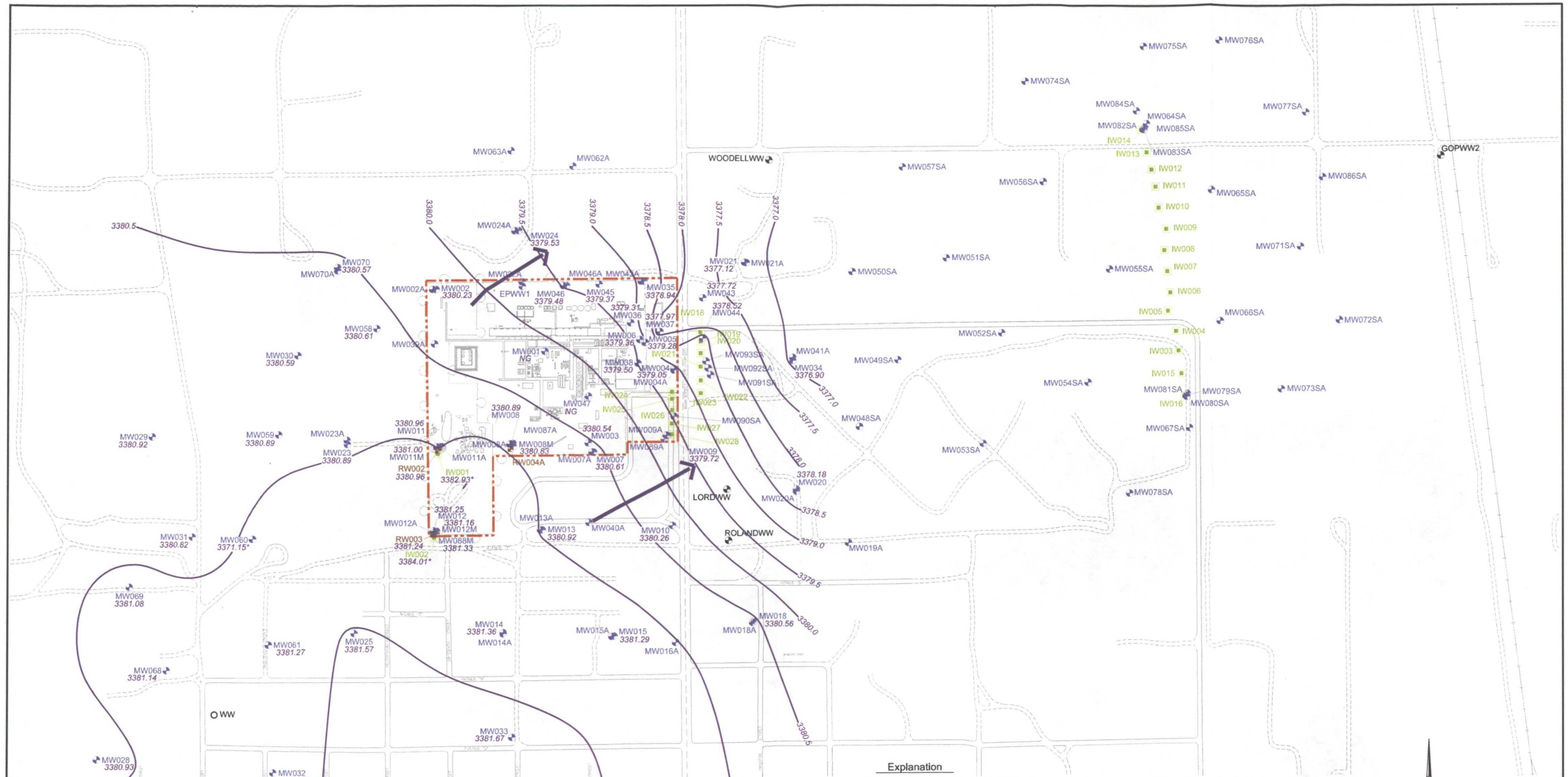
FIGURE 3
Potentiometric Surface Map – Shallow Wells (March/April 2009)



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FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		POTENTIOMETRIC SURFACE MAP SHALLOW WELLS MARCH/APRIL 2009	3
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW / APPROVED BY: CV	DATE: 1/5/10

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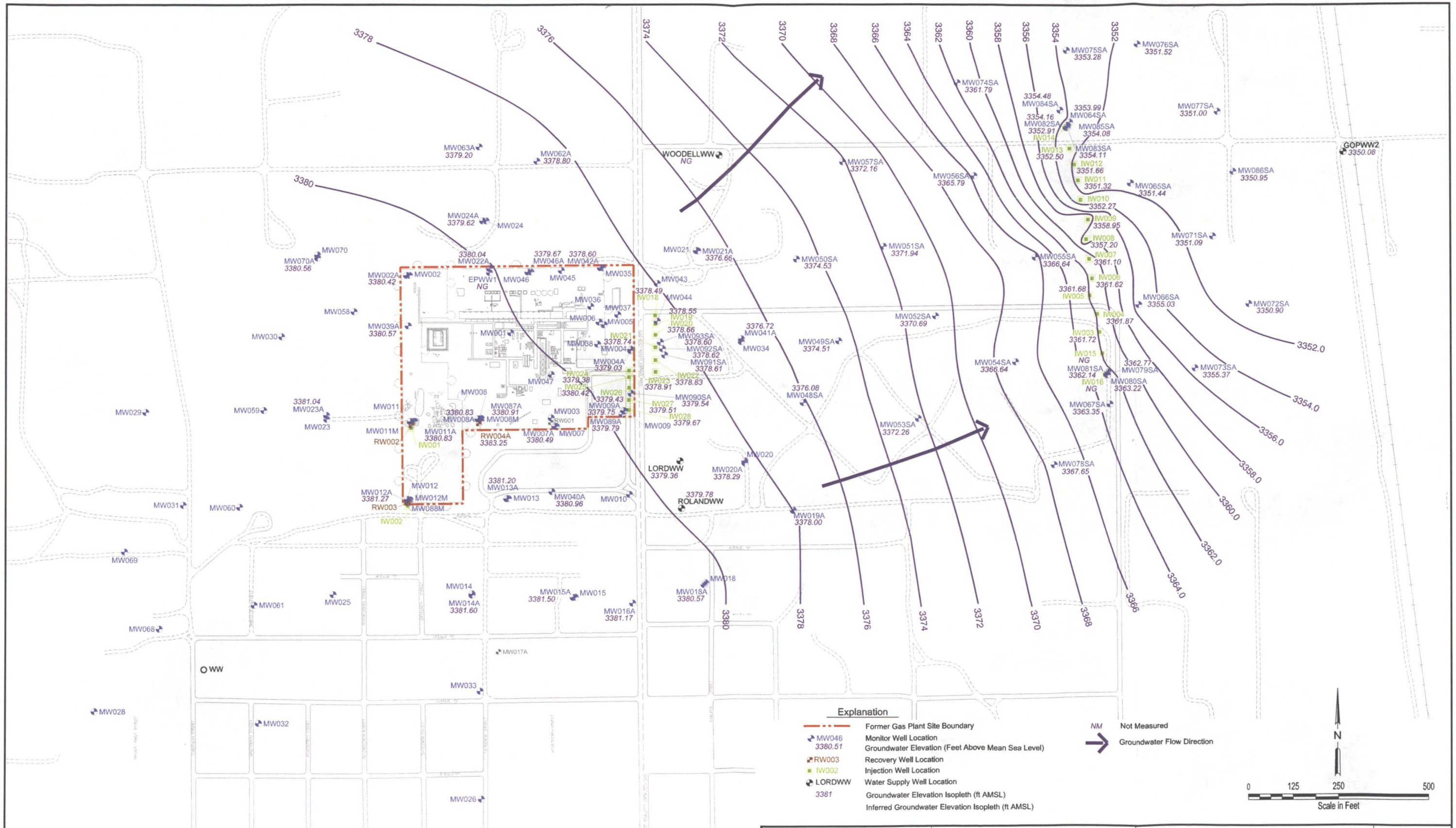
FIGURE 4
Potentiometric Surface Map – Deep Wells
(March/April 2009)



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FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**POTENTIOMETRIC SURFACE MAP DEEP WELLS MARCH/APRIL 2009**	**4**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW / APPROVED BY: CV	DATE: 1/5/10

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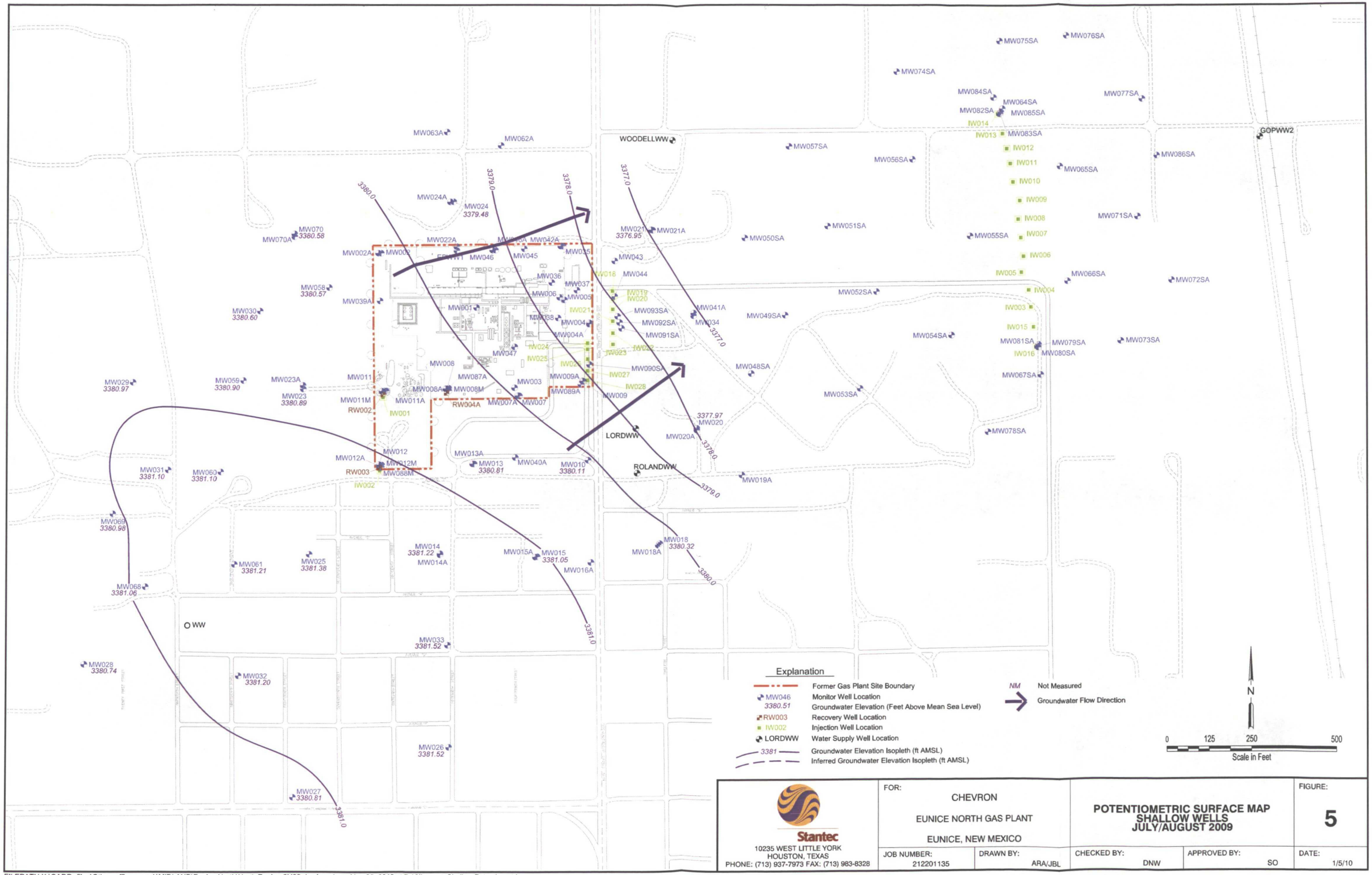
FIGURE 5
Potentiometric Surface Map – Shallow Wells (August 2009)



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FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		POTENTIOMETRIC SURFACE MAP SHALLOW WELLS JULY/AUGUST 2009	5
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW	APPROVED BY: SO	DATE: 1/5/10

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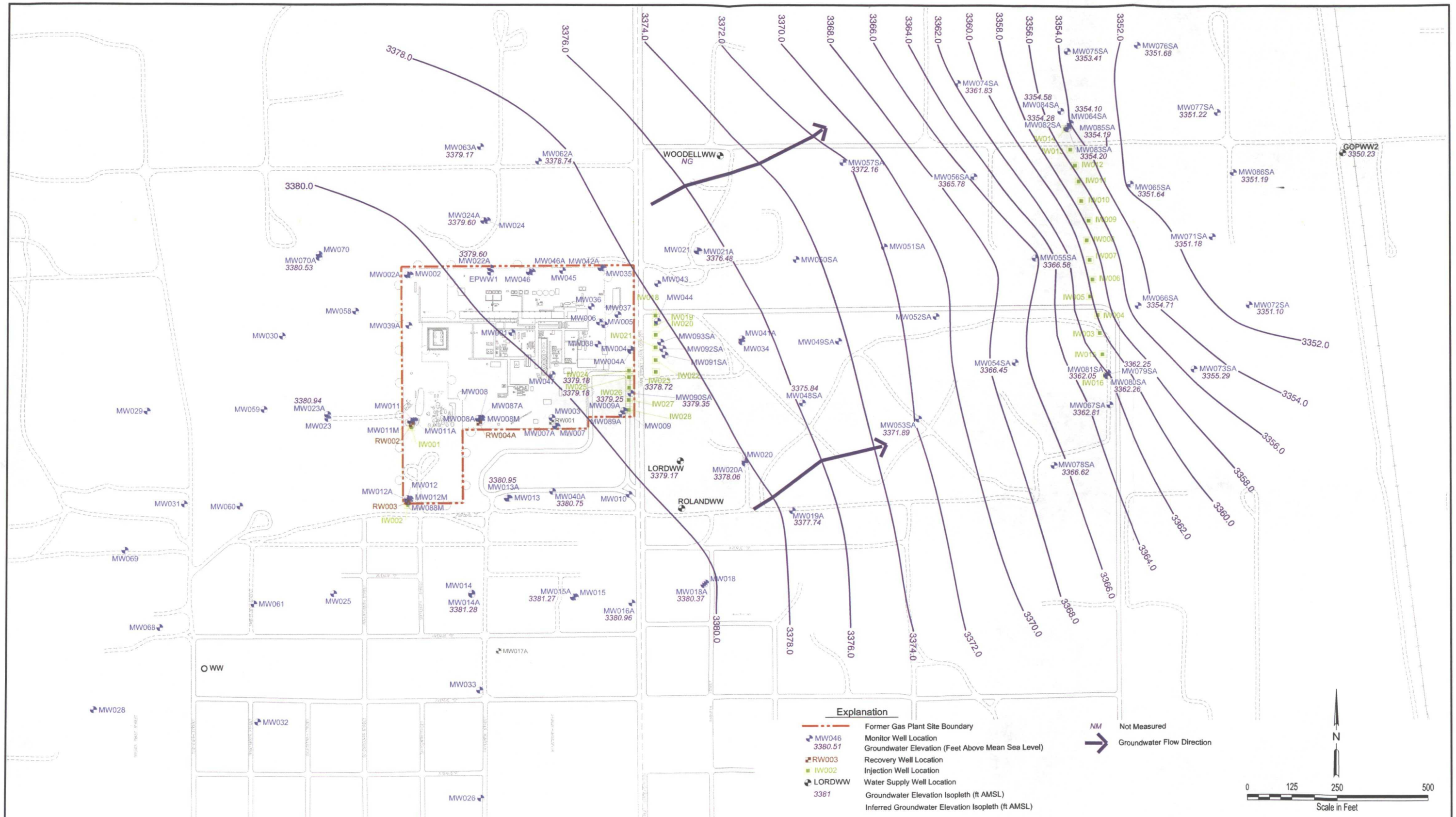
FIGURE 6
Potentiometric Surface Map – Deep Wells
(August 2009)



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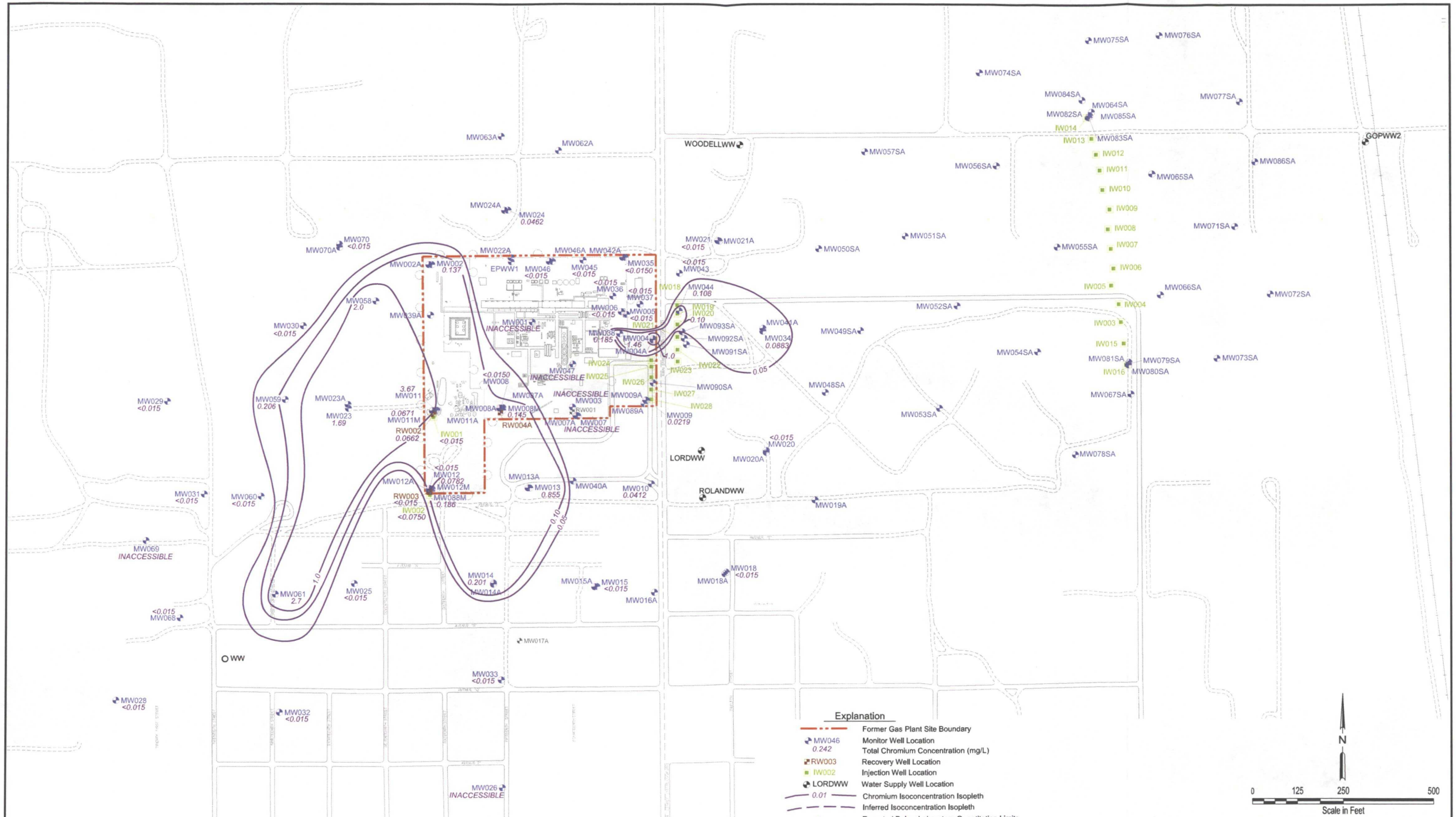
FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		POTENTIOMETRIC SURFACE MAP DEEP WELLS JULY/AUGUST 2009	6
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW	APPROVED BY: SO	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:12|Layout: Deep Potentiometric

FIGURE 7
Total Chromium mg/L – Shallow Wells (March/April 2009)



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TOTAL CHROMIUM mg/L
SHALLOW WELLS
MARCH/APRIL 2009

FIGURE: **7**

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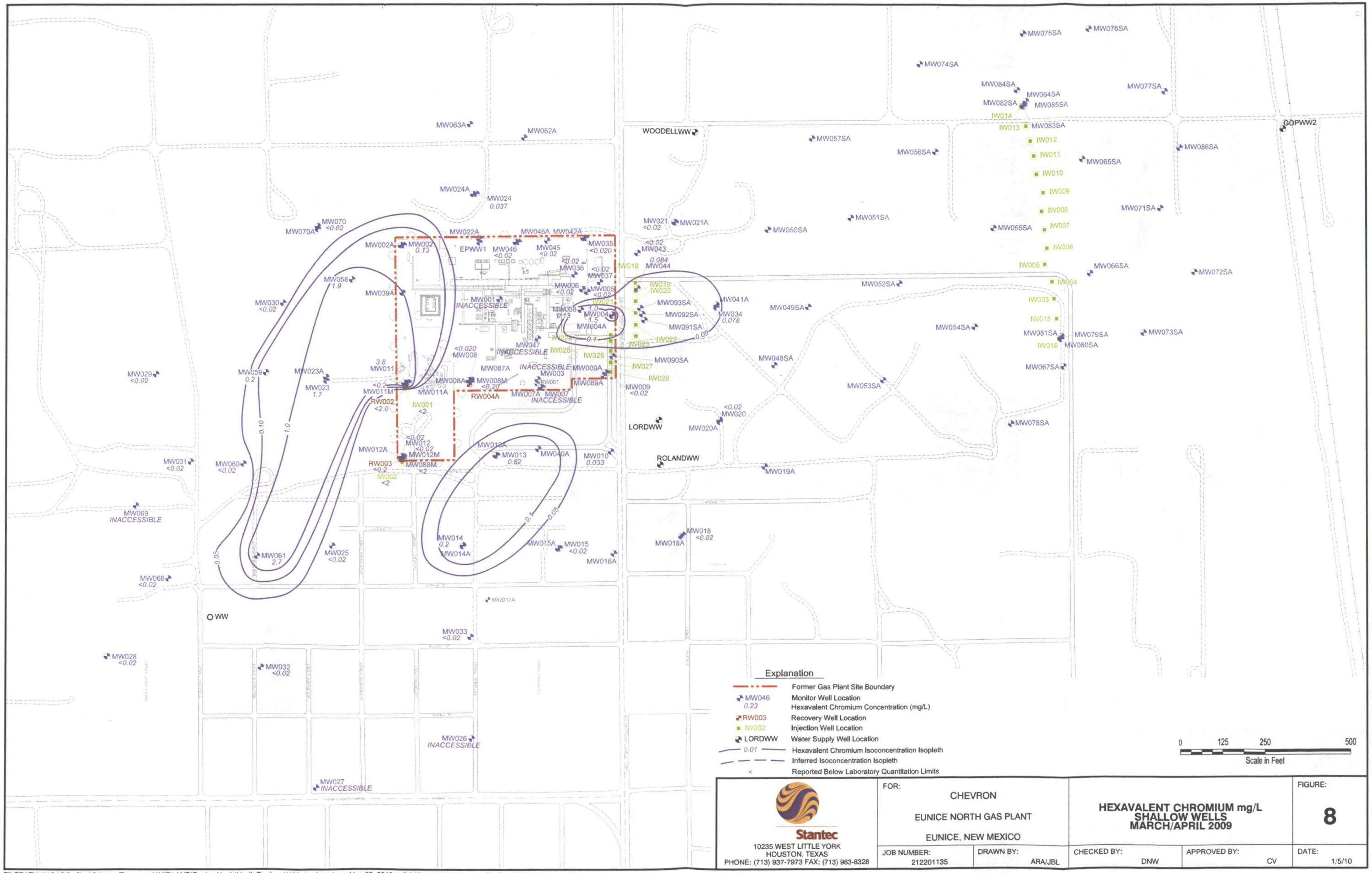
FIGURE 8
Hexavalent Chromium mg/L – Shallow Wells
(March/April 2009)



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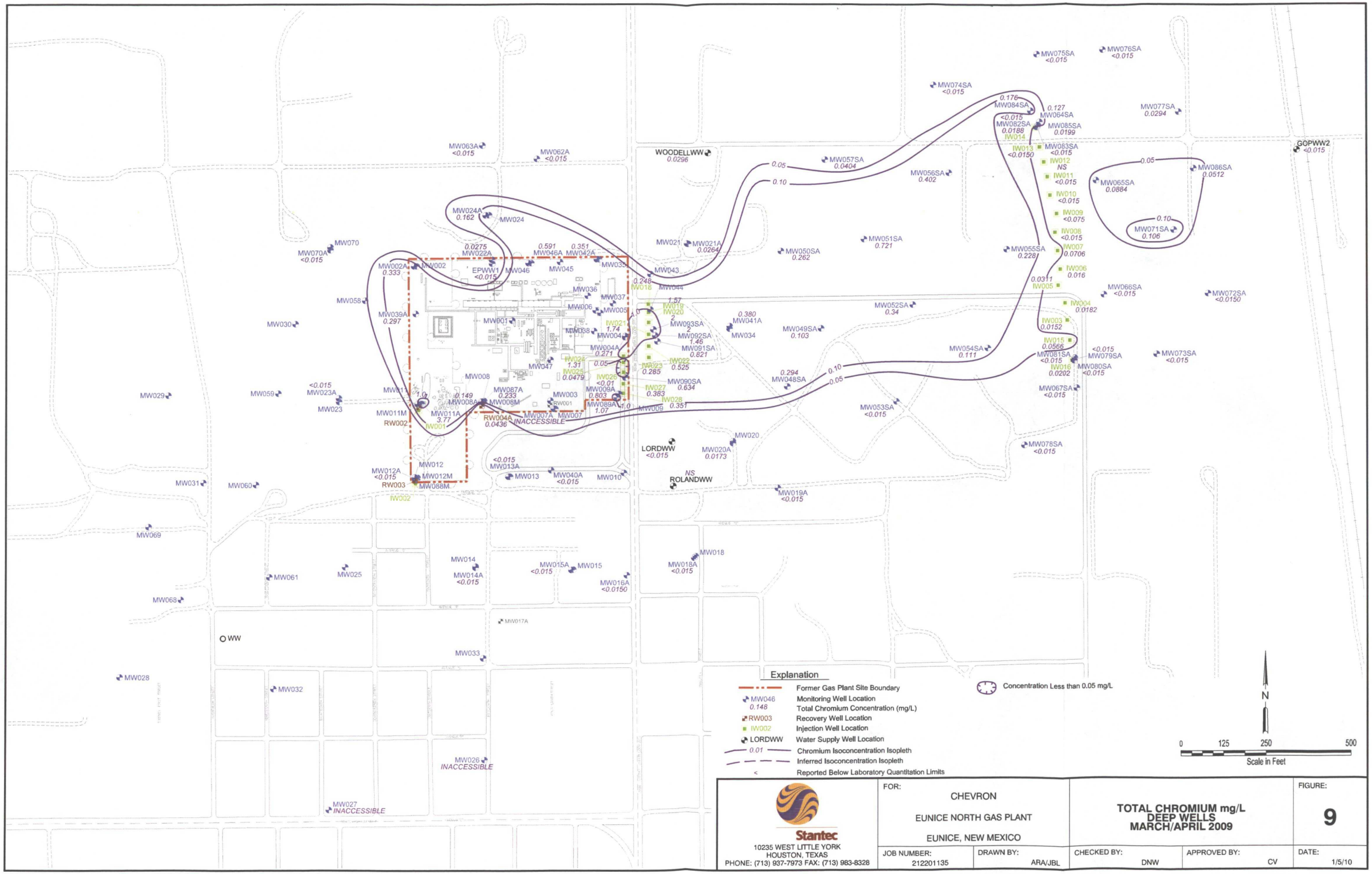
HEXAVALENT CHROMIUM mg/L
SHALLOW WELLS
MARCH/APRIL 2009

FIGURE: **8**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	CV	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:21|Layout: Hexchrome Shallow Isocon

FIGURE 9
Total Chromium mg/L – Deep Wells (March/April 2009)



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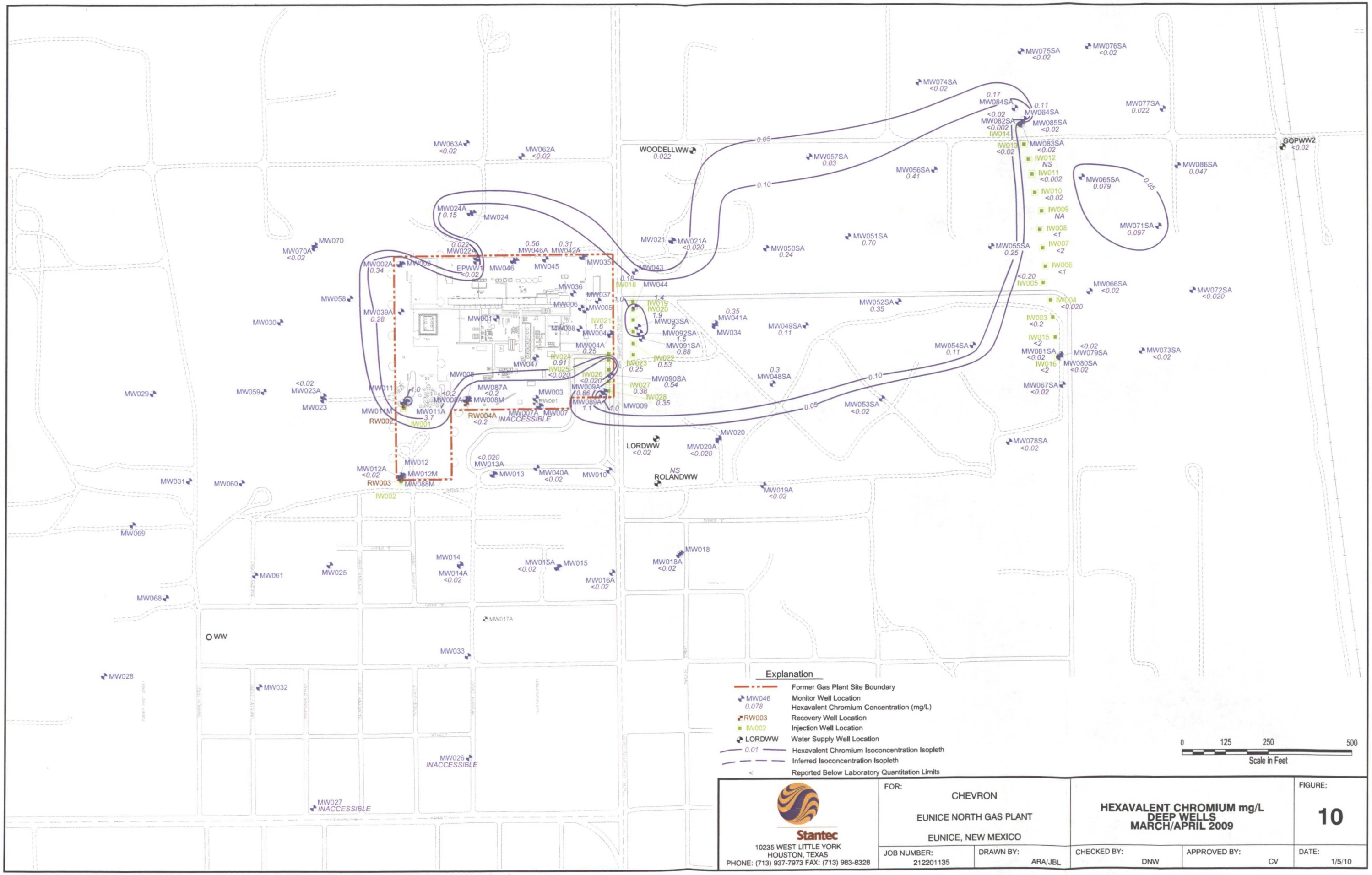
FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**TOTAL CHROMIUM mg/L DEEP WELLS MARCH/APRIL 2009**	**9**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW / APPROVED BY: CV	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:20|Layout: Chromium Deep Isocon

FIGURE 10
Hexavalent Chromium mg/L – Deep Wells (March/April 2009)



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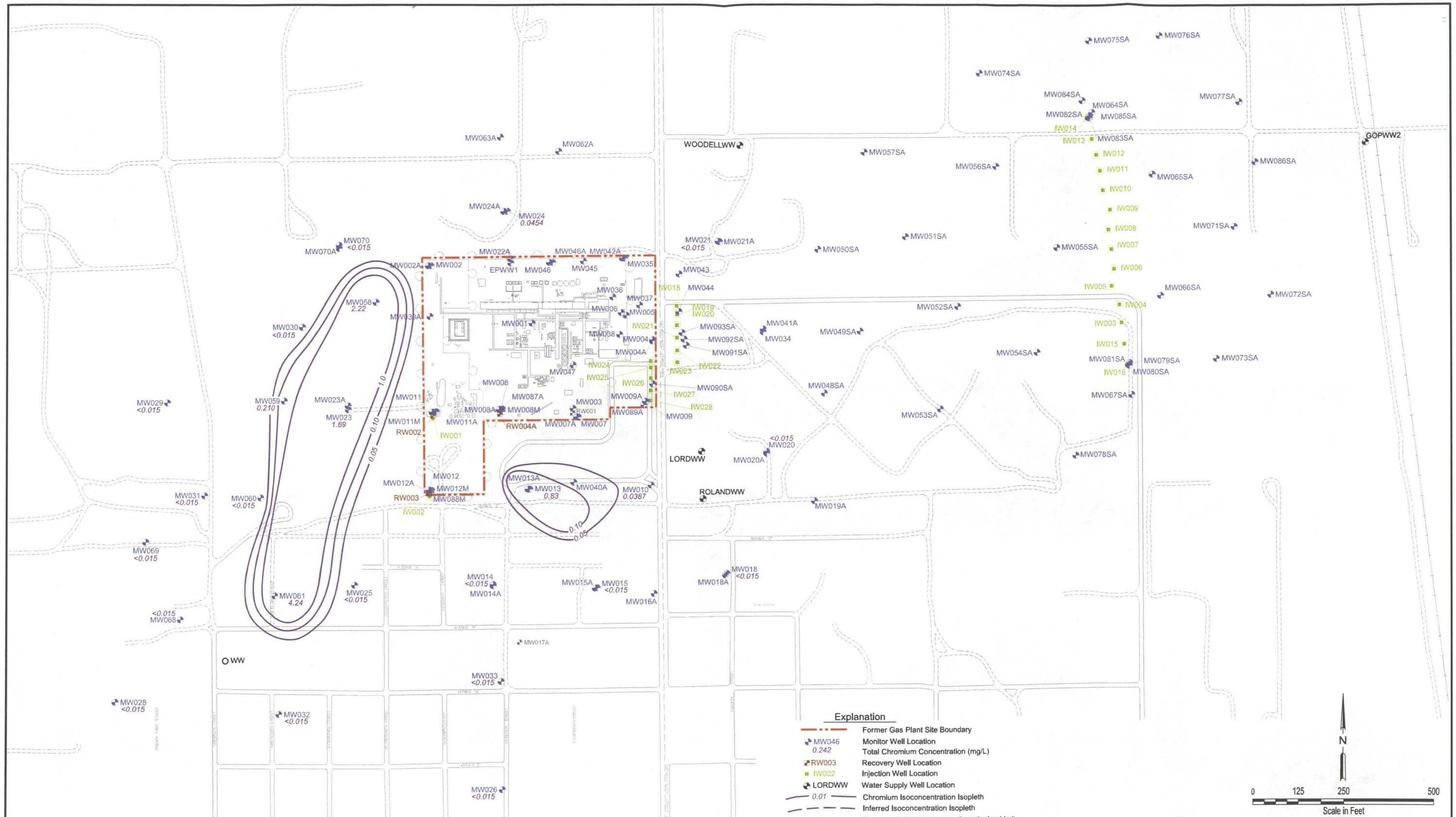
HEXAVALENT CHROMIUM mg/L
DEEP WELLS
MARCH/APRIL 2009

FIGURE: **10**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	CV	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:21|Layout: Hexchrome Deep Isocon

FIGURE 11
Total Chromium mg/L – Shallow Wells (August 2009)



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TOTAL CHROMIUM mg/L
SHALLOW WELLS
JULY/AUGUST 2009

FIGURE: **11**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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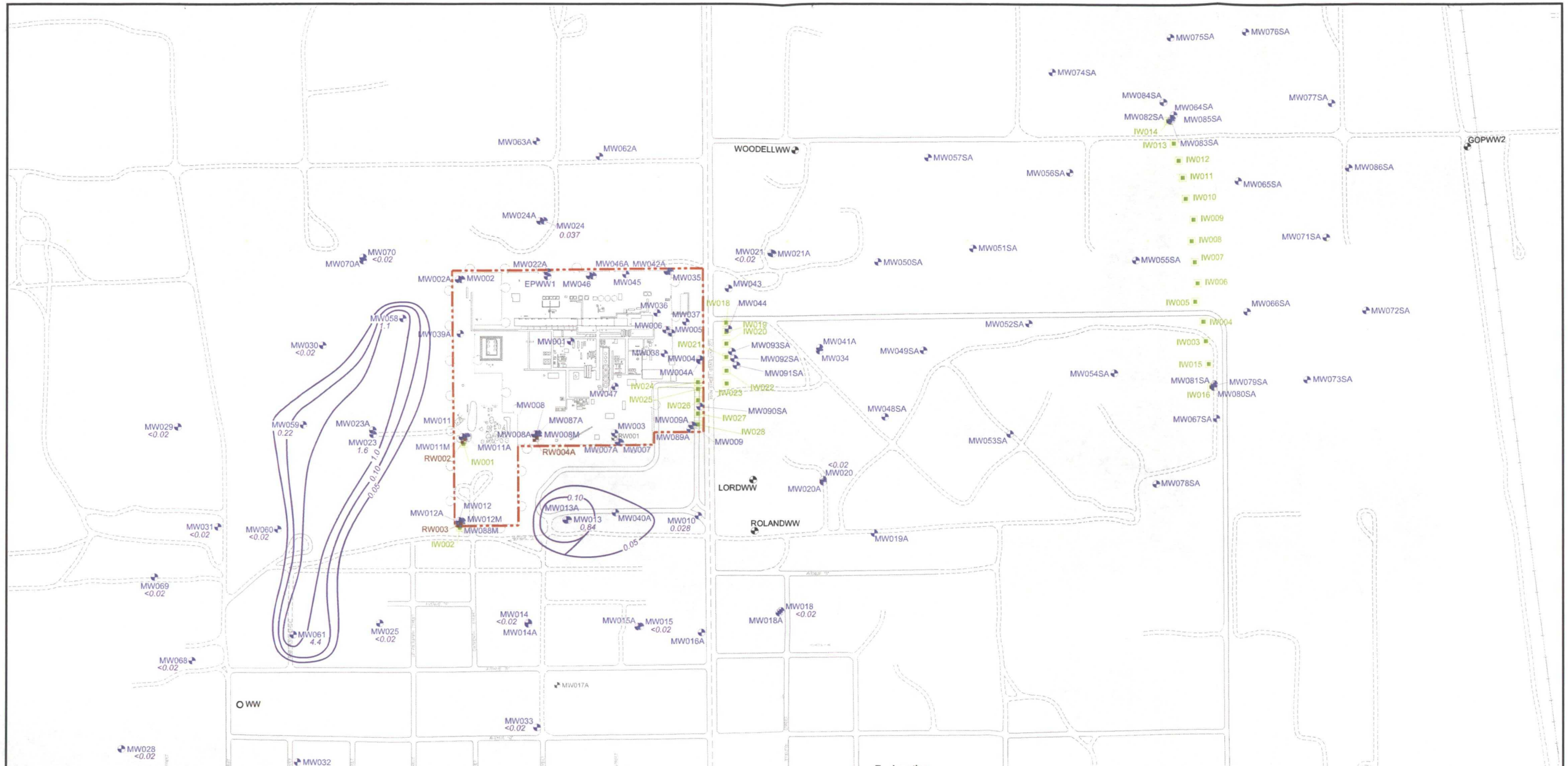
FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:12|Layout: Chromium Shallow Isocon

FIGURE 12
Hexavalent Chromium mg/L – Shallow Wells (August 2009)



Explanation

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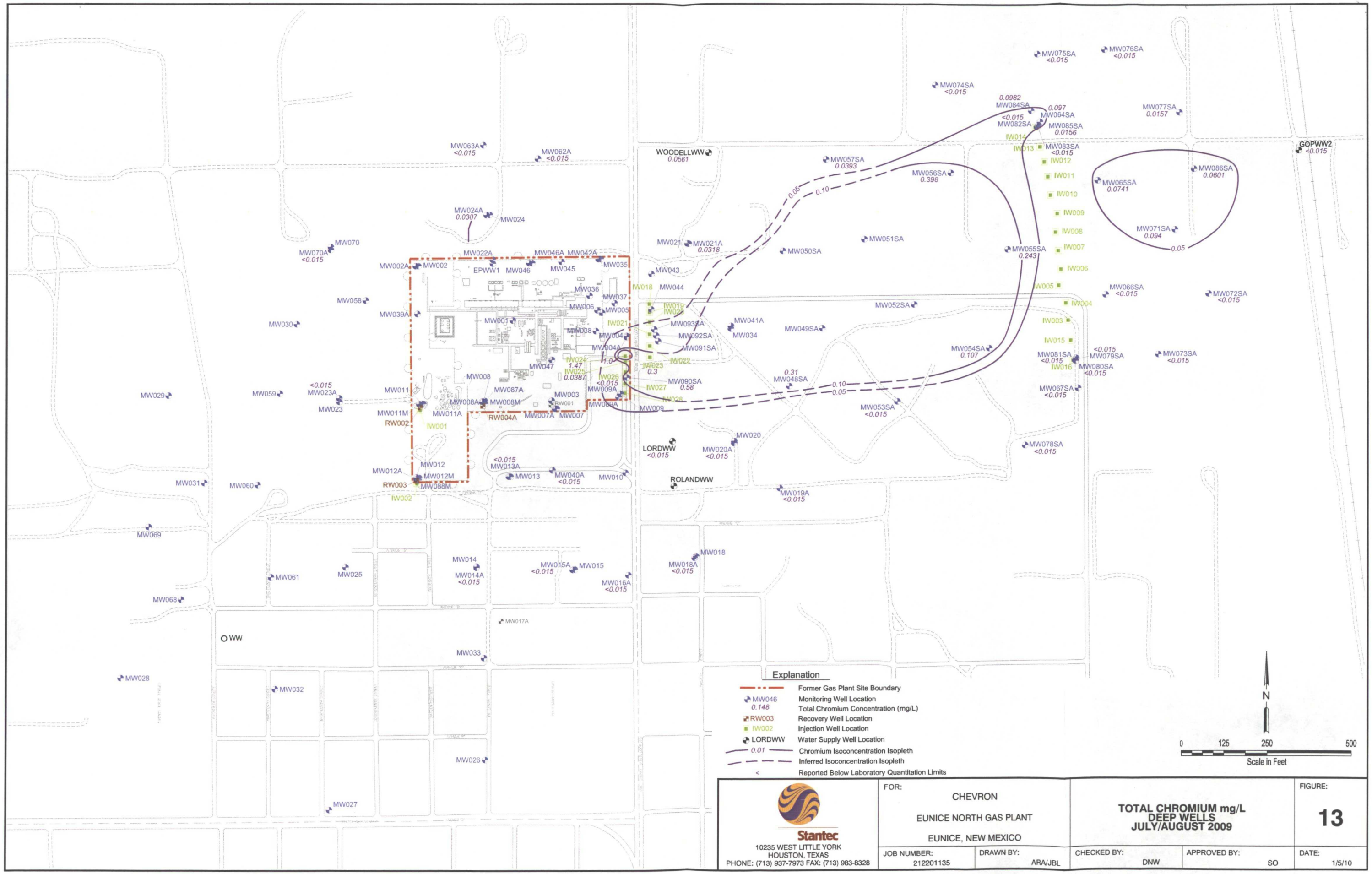
FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**HEXAVALENT CHROMIUM mg/L SHALLOW WELLS JULY/AUGUST 2009**	**12**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW / APPROVED BY: SO	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:13|Layout: Hexchrome Shallow Isocon

FIGURE 13
Total Chromium mg/L – Deep Wells (August 2009)



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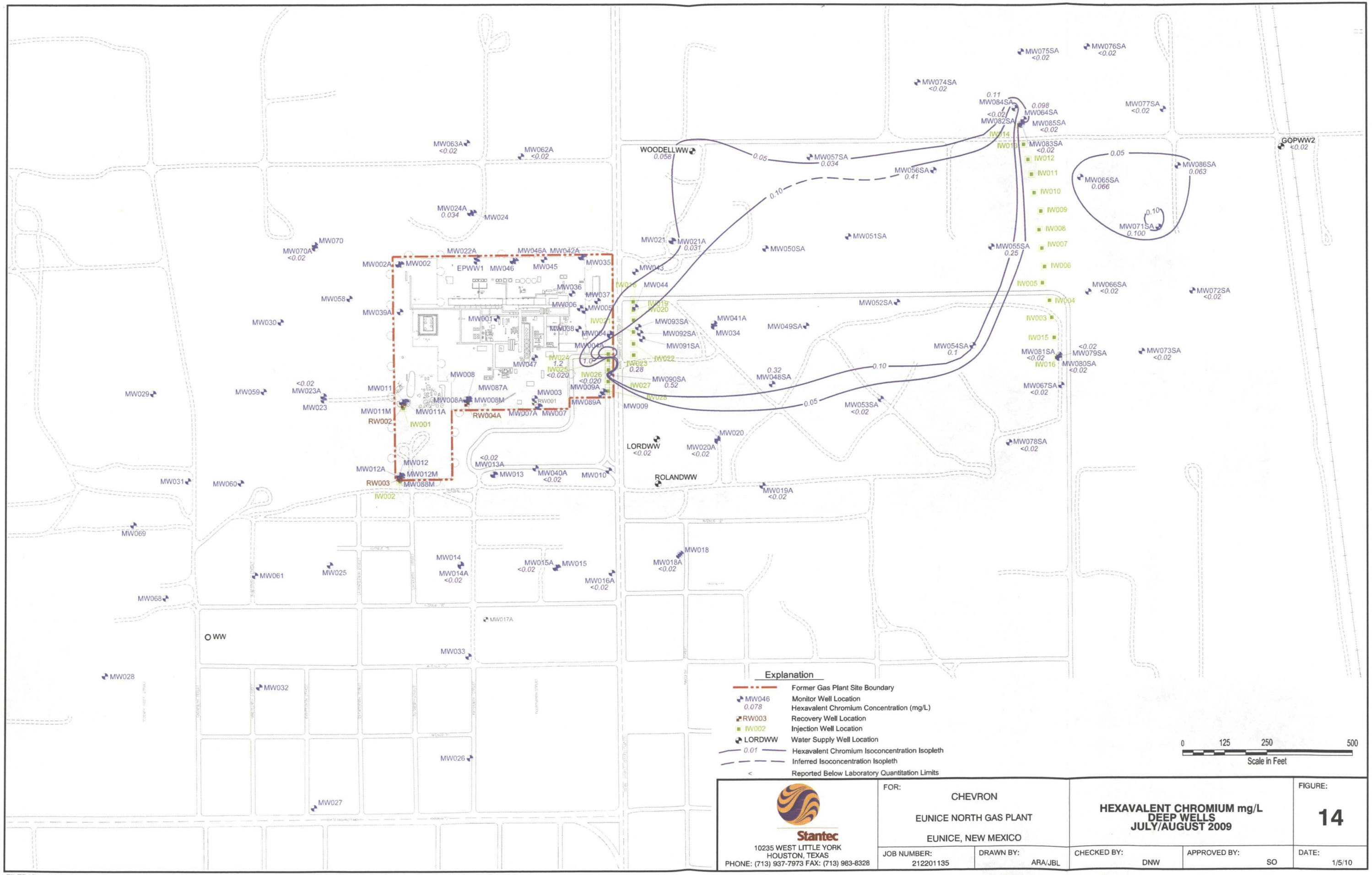
TOTAL CHROMIUM mg/L
DEEP WELLS
JULY/AUGUST 2009

FIGURE: **13**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	SO	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:13|Layout: Chromium Deep Isocon

FIGURE 14
Hexavalent Chromium mg/L – Deep Wells (August 2009)



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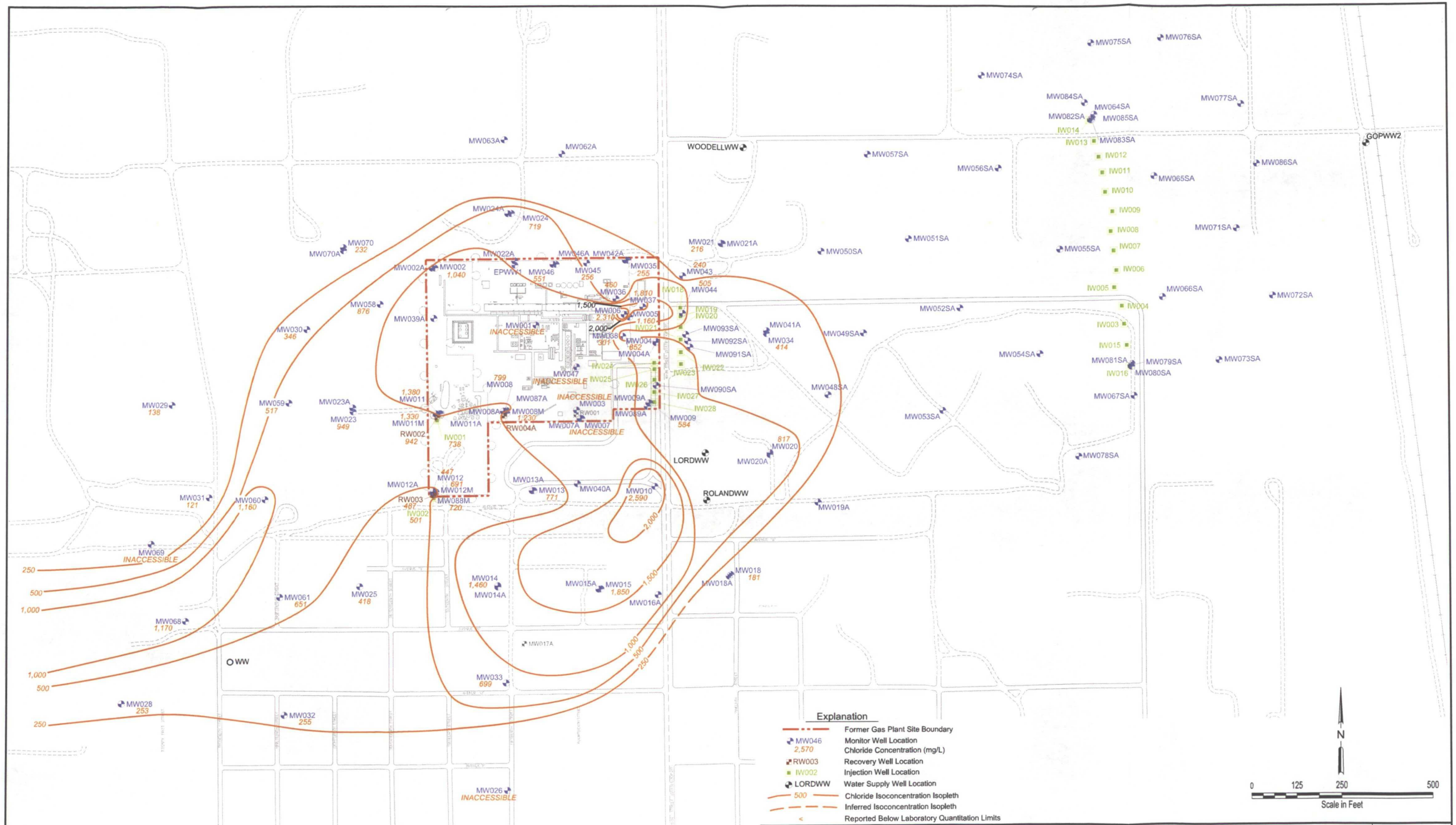
HEXAVALENT CHROMIUM mg/L
DEEP WELLS
JULY/AUGUST 2009

FIGURE: **14**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	SO	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:13|Layout: Hexchrome Deep Isocon

FIGURE 15
Chloride mg/L – Shallow Wells (March/April 2009)



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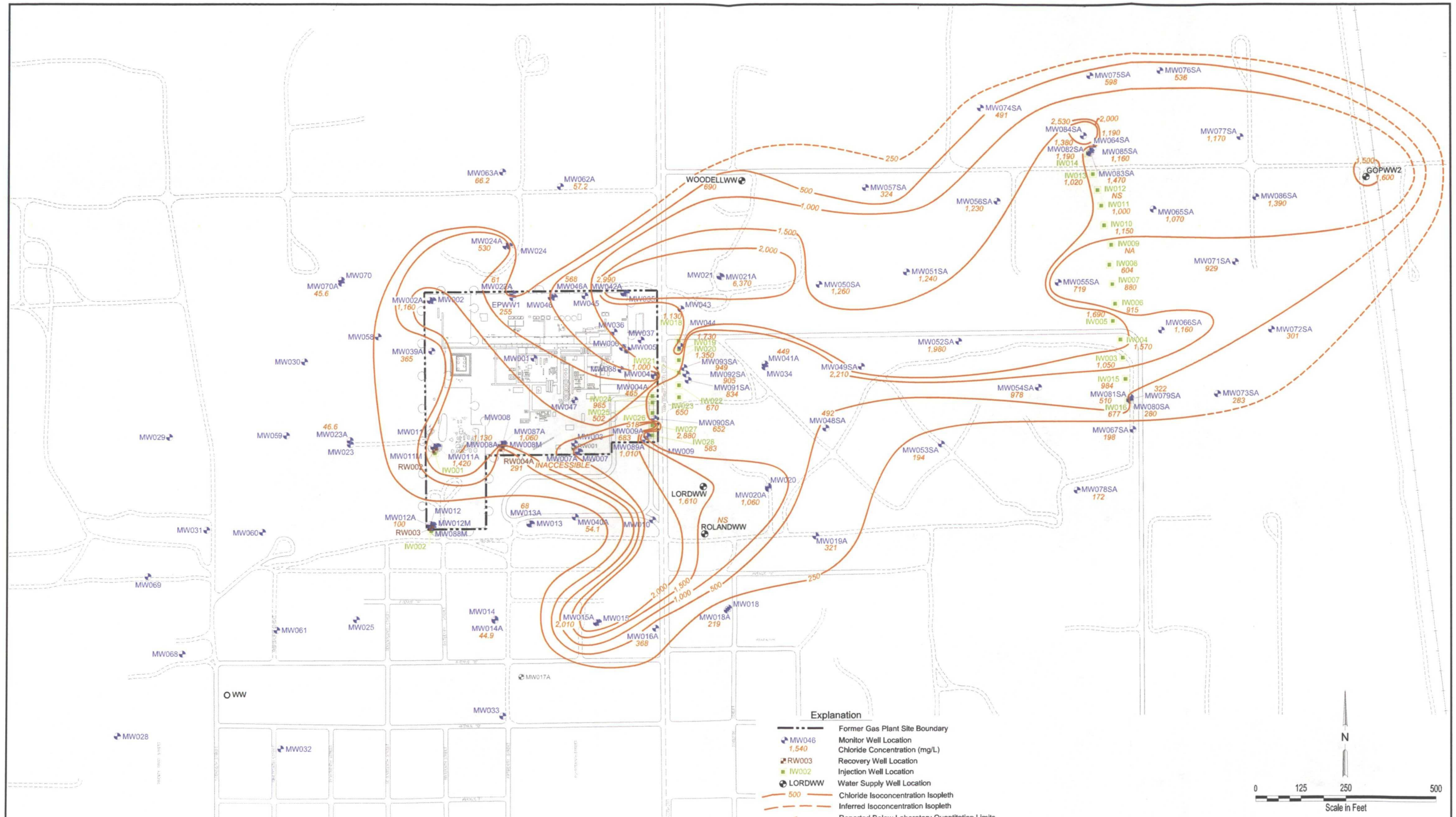
CHLORIDE mg/L
SHALLOW WELLS
MARCH/APRIL 2009

FIGURE: **15**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	CV	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:21|Layout: Cl Shallow Isocon

FIGURE 16
Chloride mg/L – Deep Wells (March/April 2009)



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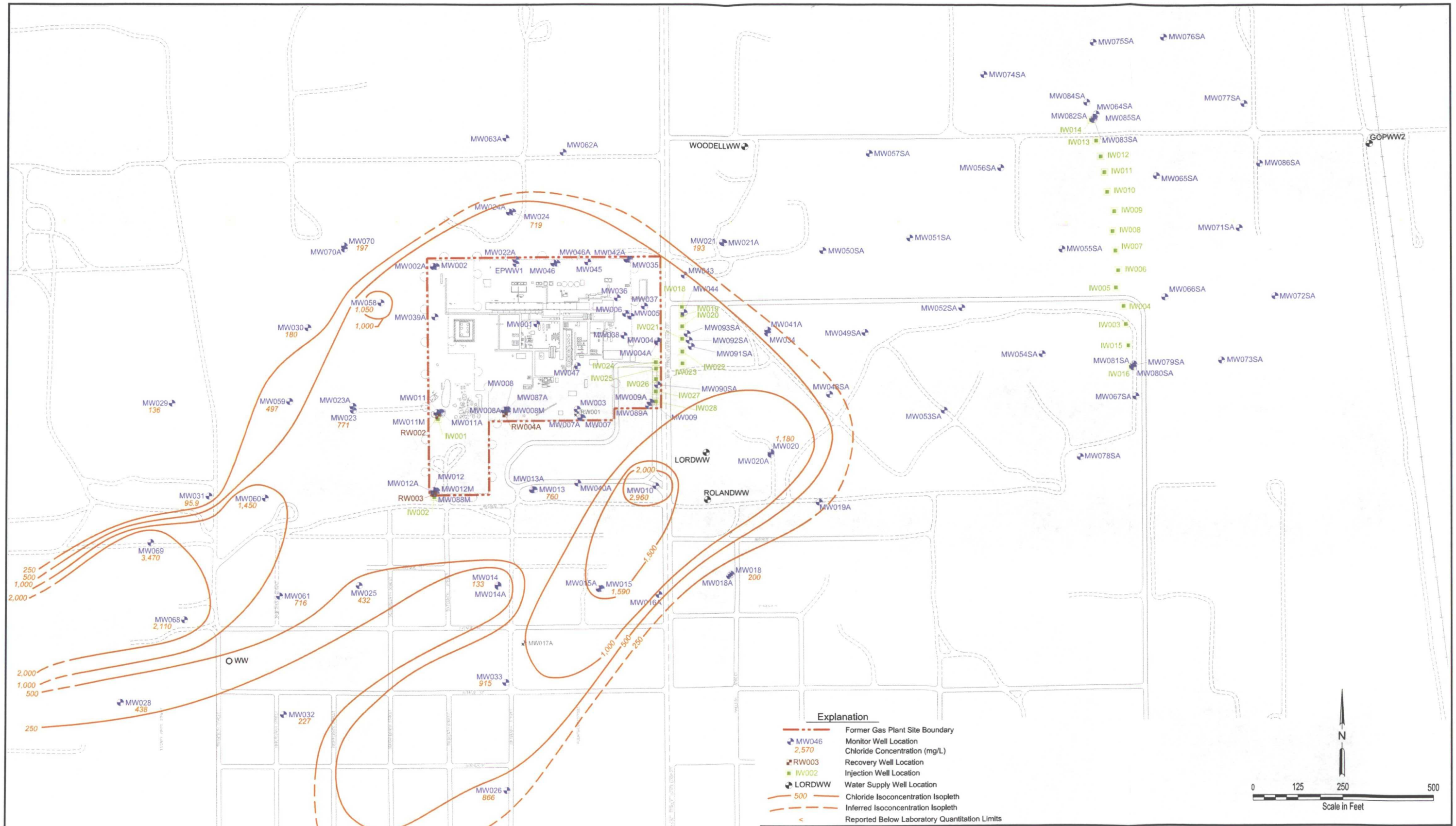
CHLORIDE mg/L
DEEP WELLS
MARCH/APRIL 2009

FIGURE: **16**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	CV	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:22|Layout: Cl Deep Isocon

FIGURE 17
Chloride mg/L – Shallow Wells (August 2009)



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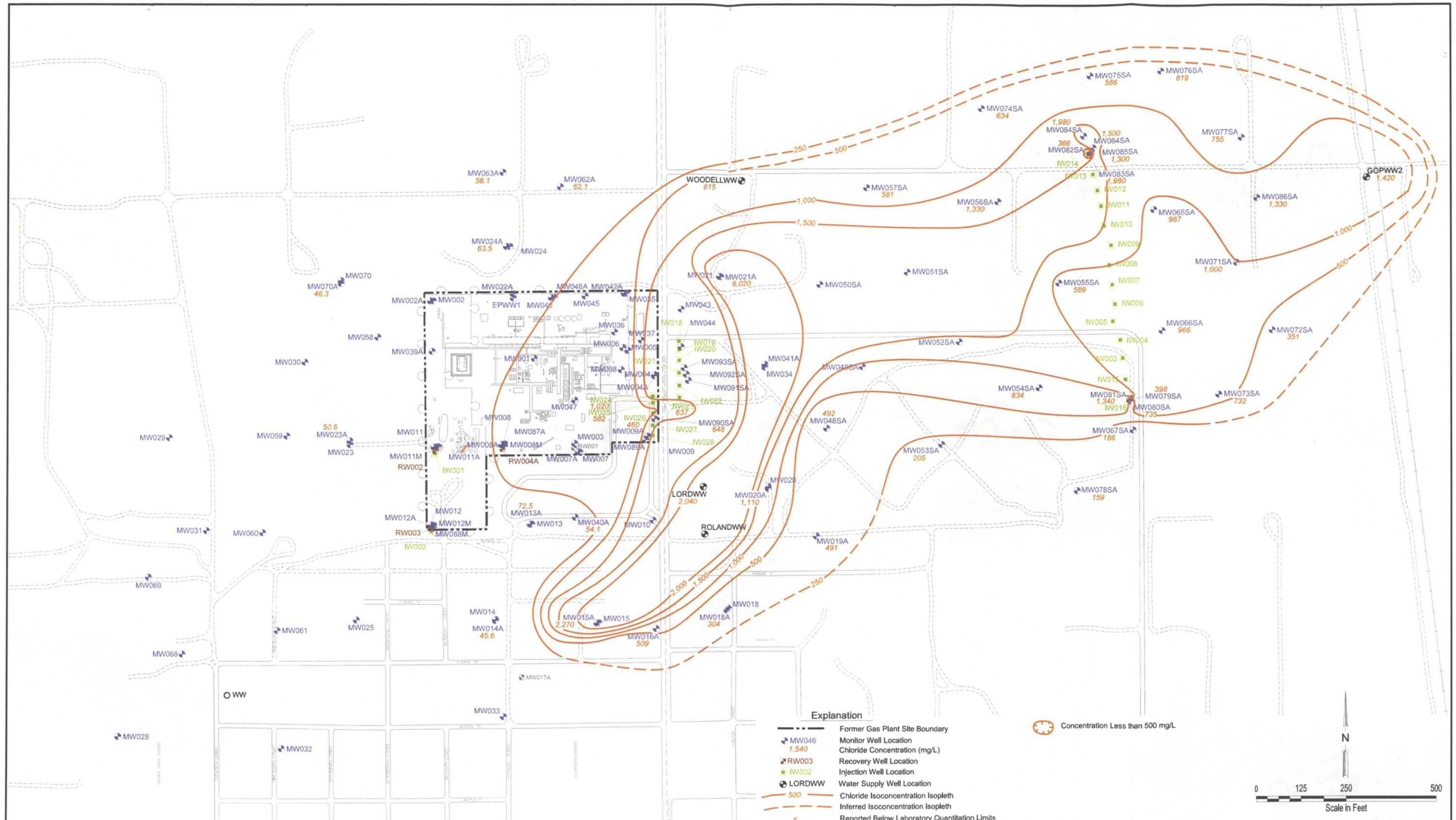
CHLORIDE mg/L
SHALLOW WELLS
JULY/AUGUST 2009

FIGURE: **17**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	SO	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:14|Layout: Cl Shallow Isocon

FIGURE 18
Chloride mg/L – Deep Wells (August 2009)



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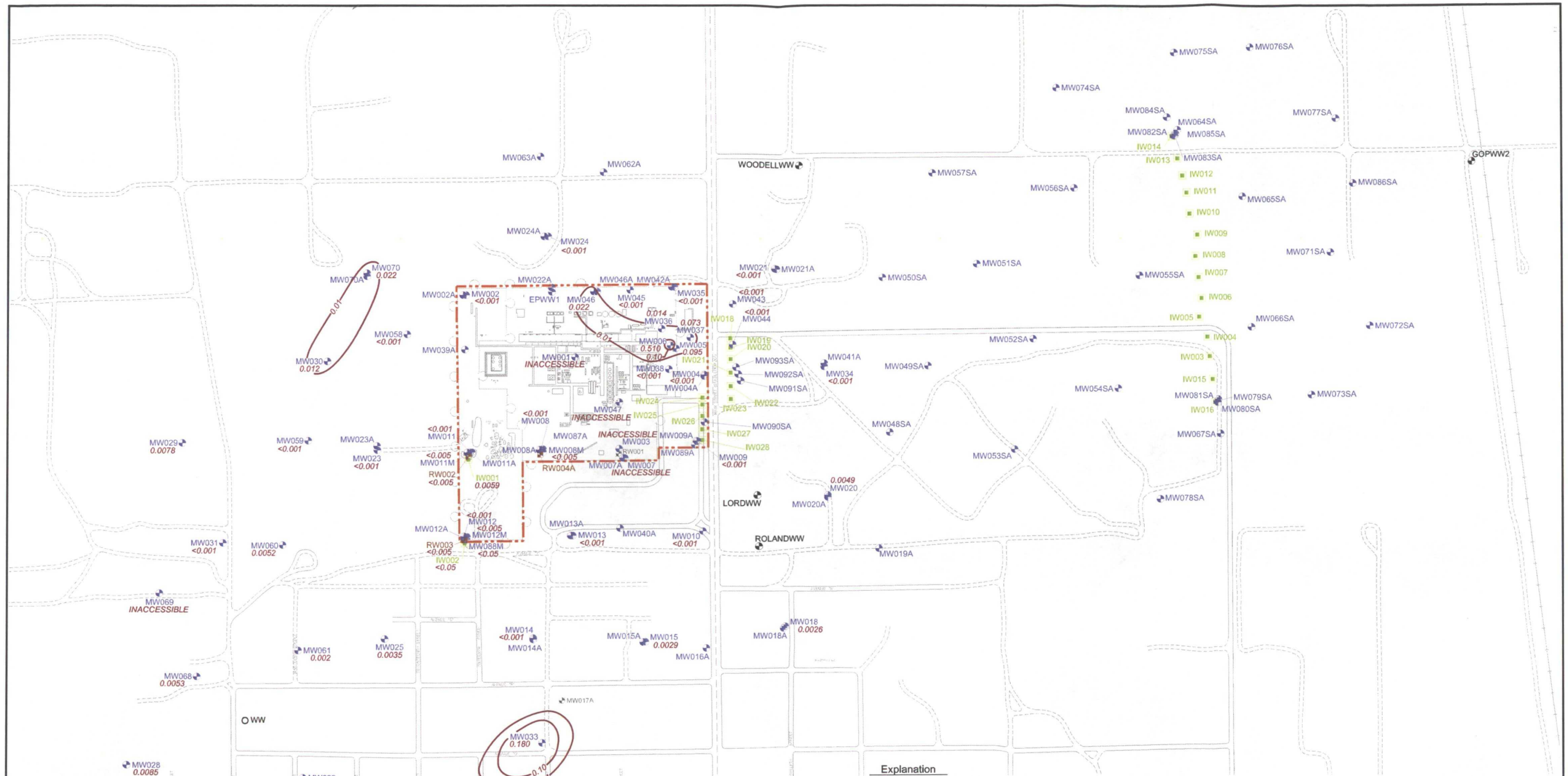
CHLORIDE mg/L
DEEP WELLS
JULY/AUGUST 2009

FIGURE: **18**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	SO	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:14|Layout: Cl Deep Isocon

FIGURE 19
Benzene mg/L – Shallow Wells (March/April 2009)



Explanation

- Former Gas Plant Site Boundary
- MW046 — Monitoring Well Location
- 0.0013 — Benzene Concentration (mg/L)
- RW003 — Recovery Well Location
- IW002 — Injection Well Location
- LORDWW — Water Supply Well Location
- 0.001 — Benzene Isoconcentration Isopleth
- Inferred Isoconcentration Isopleth
- < — Reported Below Laboratory Quantitation Limits

0 125 250 500
Scale in Feet

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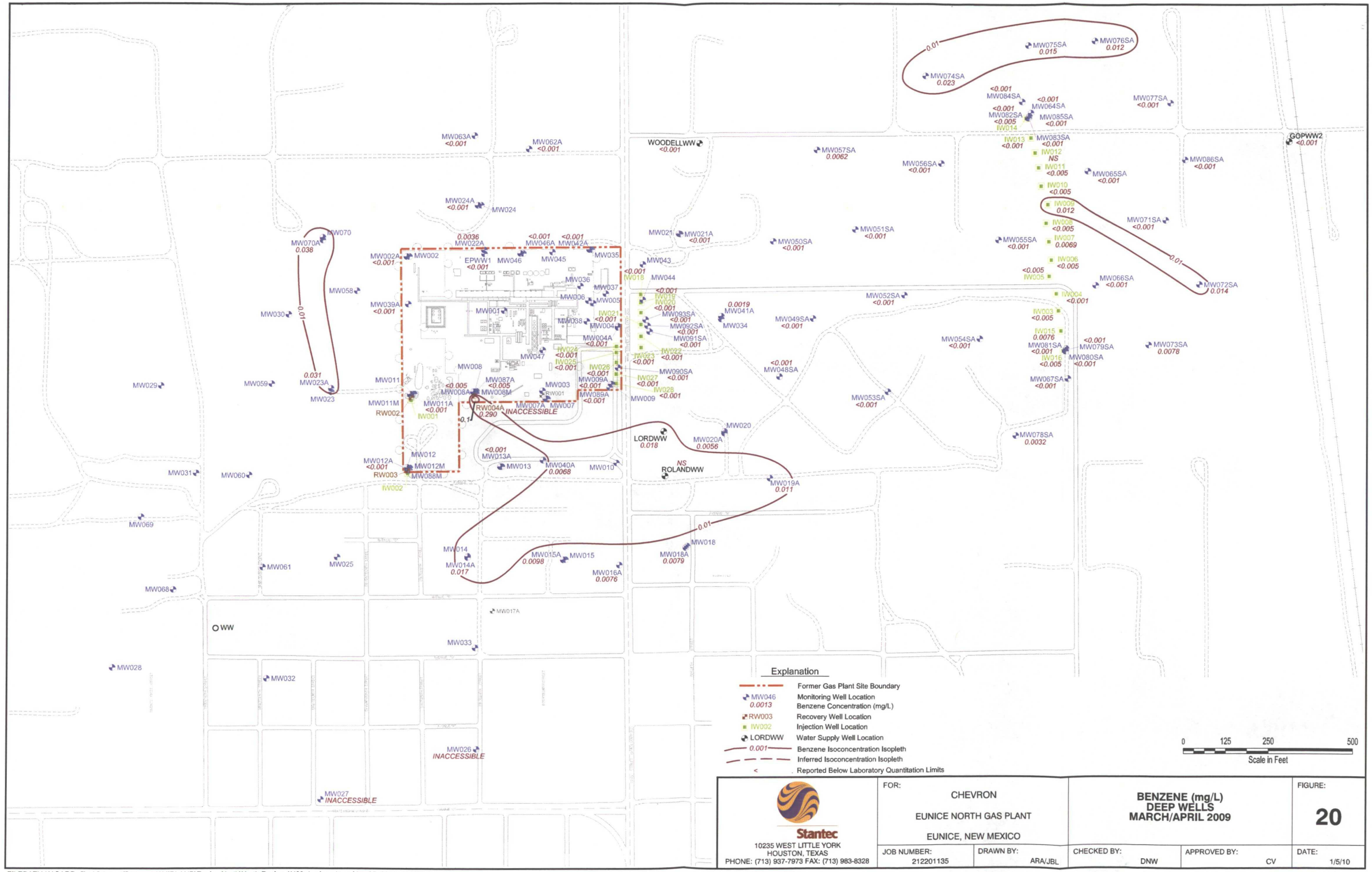
BENZENE (mg/L)
SHALLOW WELLS
MARCH/APRIL 2009

FIGURE: **19**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	CV	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:22|Layout: Benzene shallow

FIGURE 20
Benzene mg/L – Deep Wells (March/April 2009)



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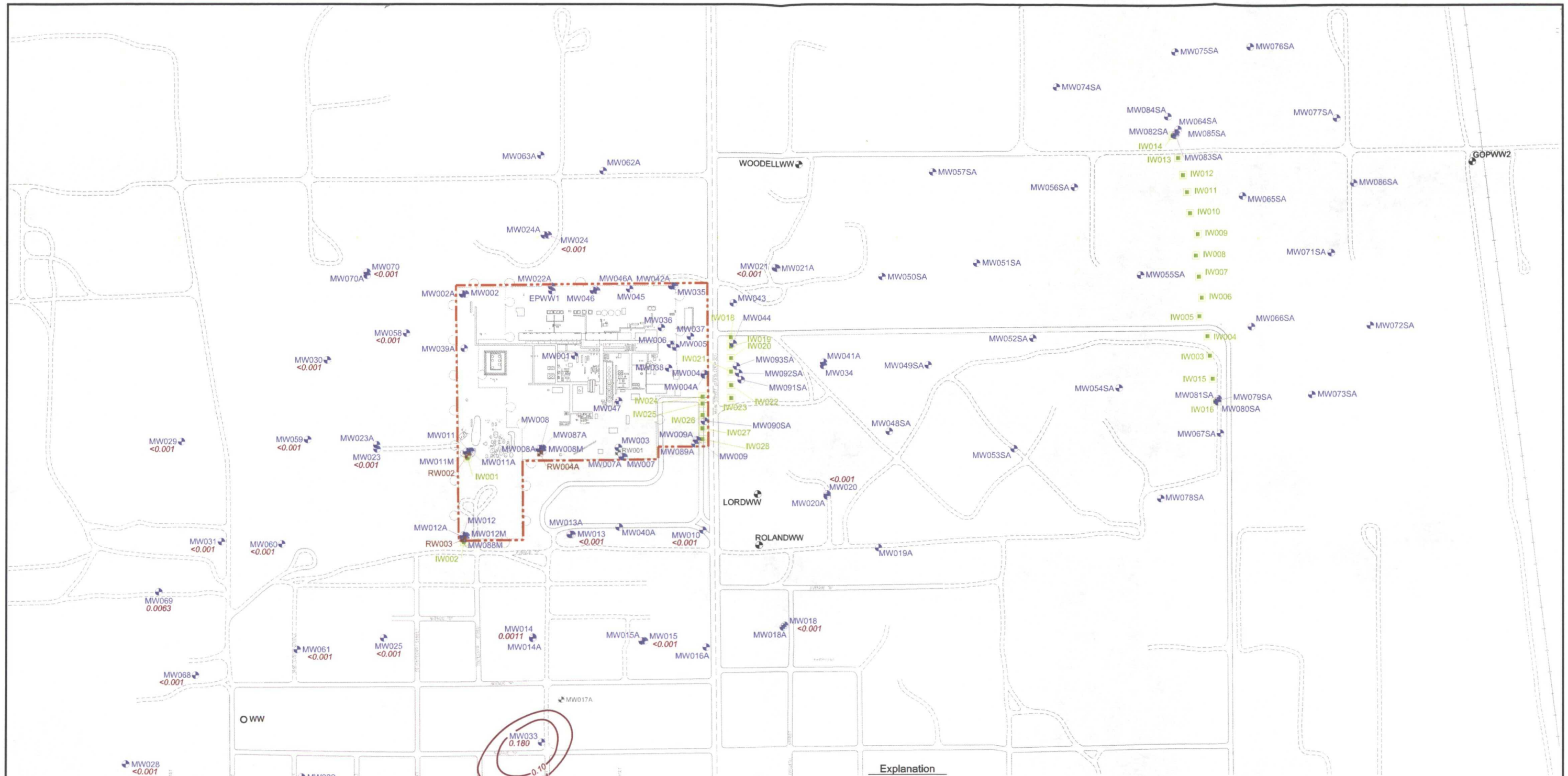
FOR:				FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**BENZENE (mg/L) DEEP WELLS MARCH/APRIL 2009**		**20**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW	APPROVED BY: CV	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:22|Layout: Benzene deep

FIGURE 21
Benzene mg/L – Shallow Wells (August 2009)



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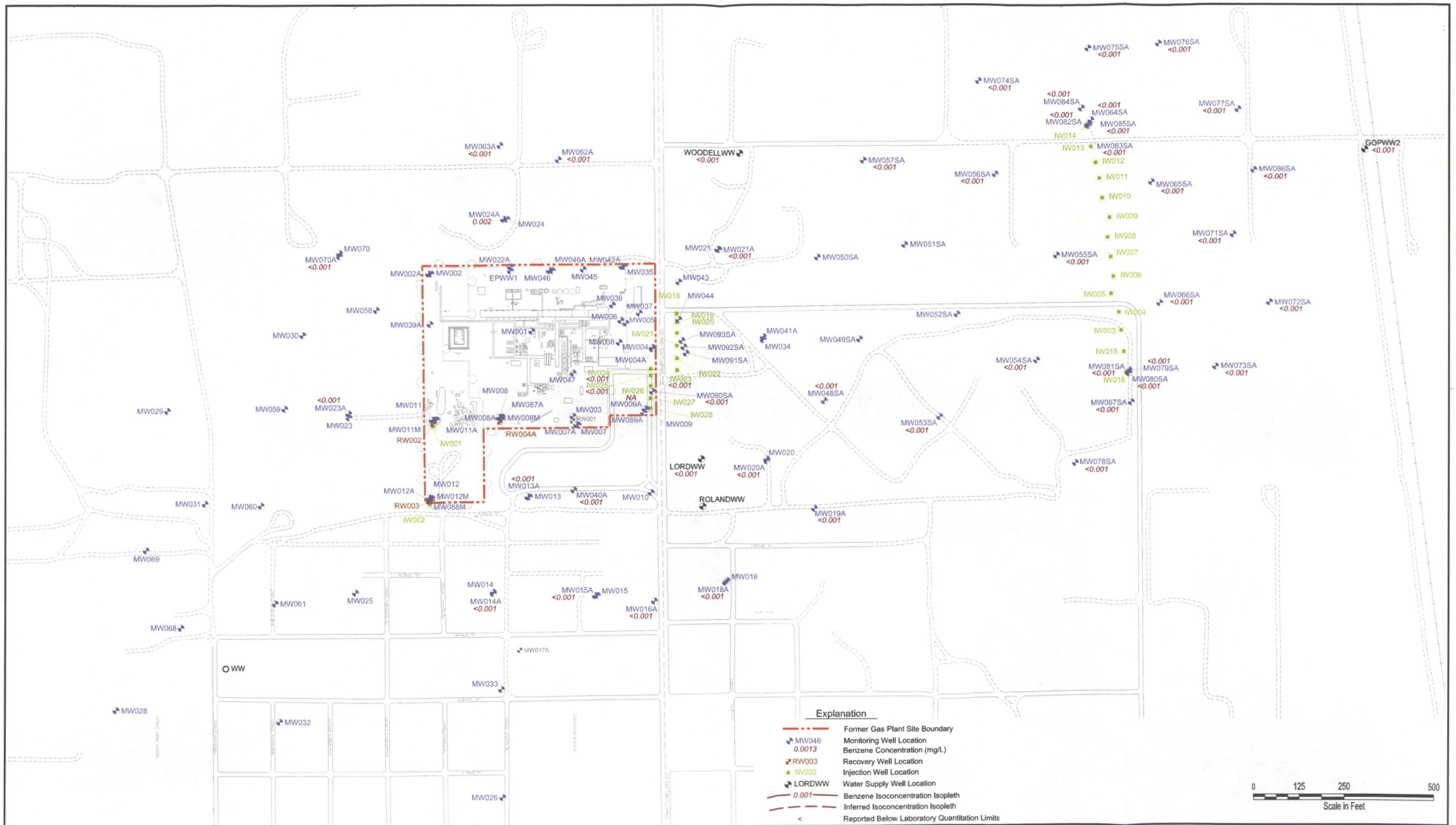
FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**BENZENE (mg/L) SHALLOW WELLS JULY/AUGUST 2009**	**21**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW	APPROVED BY: SO	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:14|Layout: Benzene shallow

FIGURE 22
Benzene mg/L – Deep Wells (August 2009)



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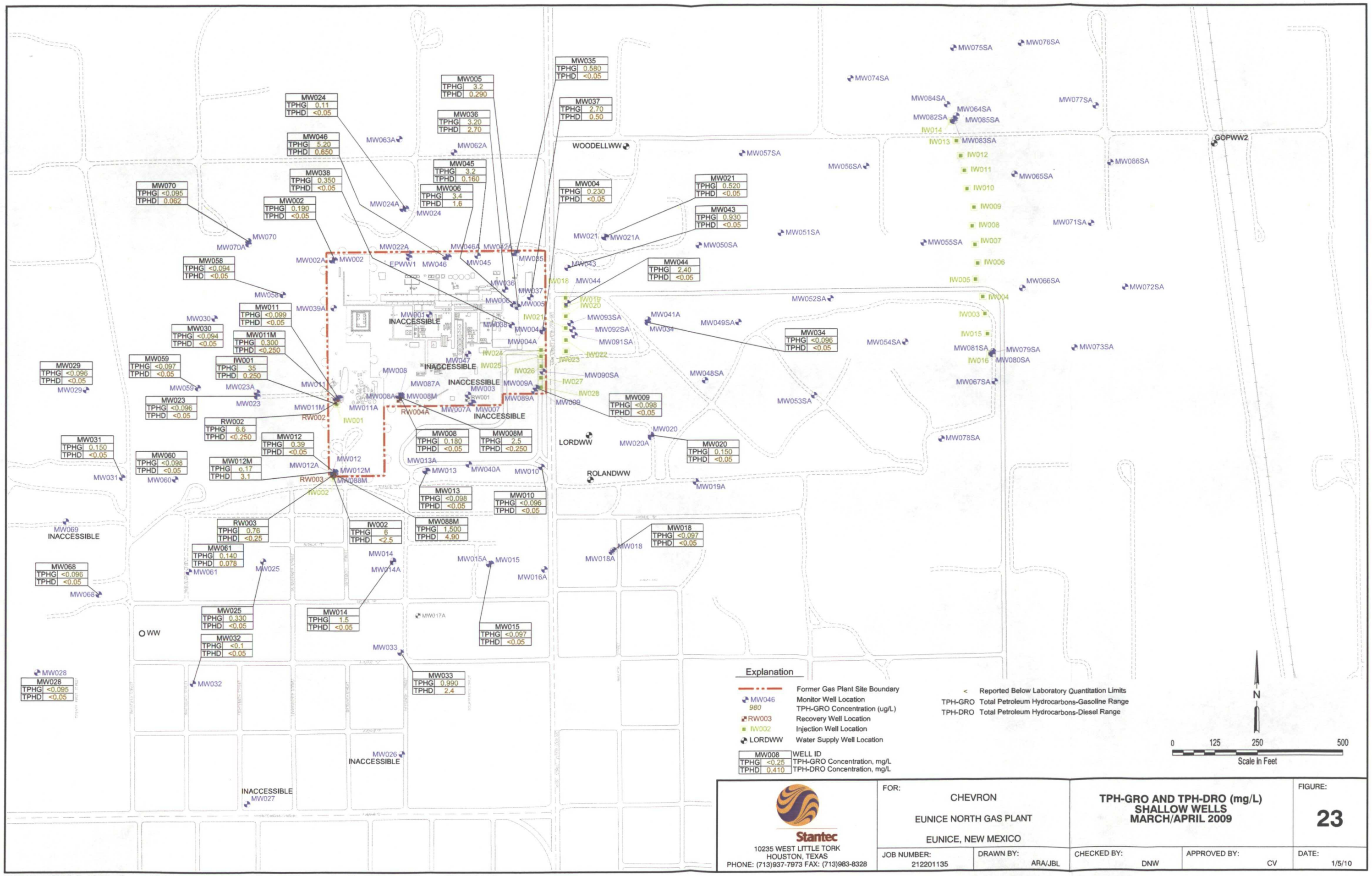
FOR:				FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**BENZENE (mg/L) DEEP WELLS JULY/AUGUST 2009**		**22**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW	APPROVED BY: SO	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:15|Layout: Benzene deep

FIGURE 23
TPH-DRO and TPH-GRO mg/L – Shallow Wells
(March/April 2009)



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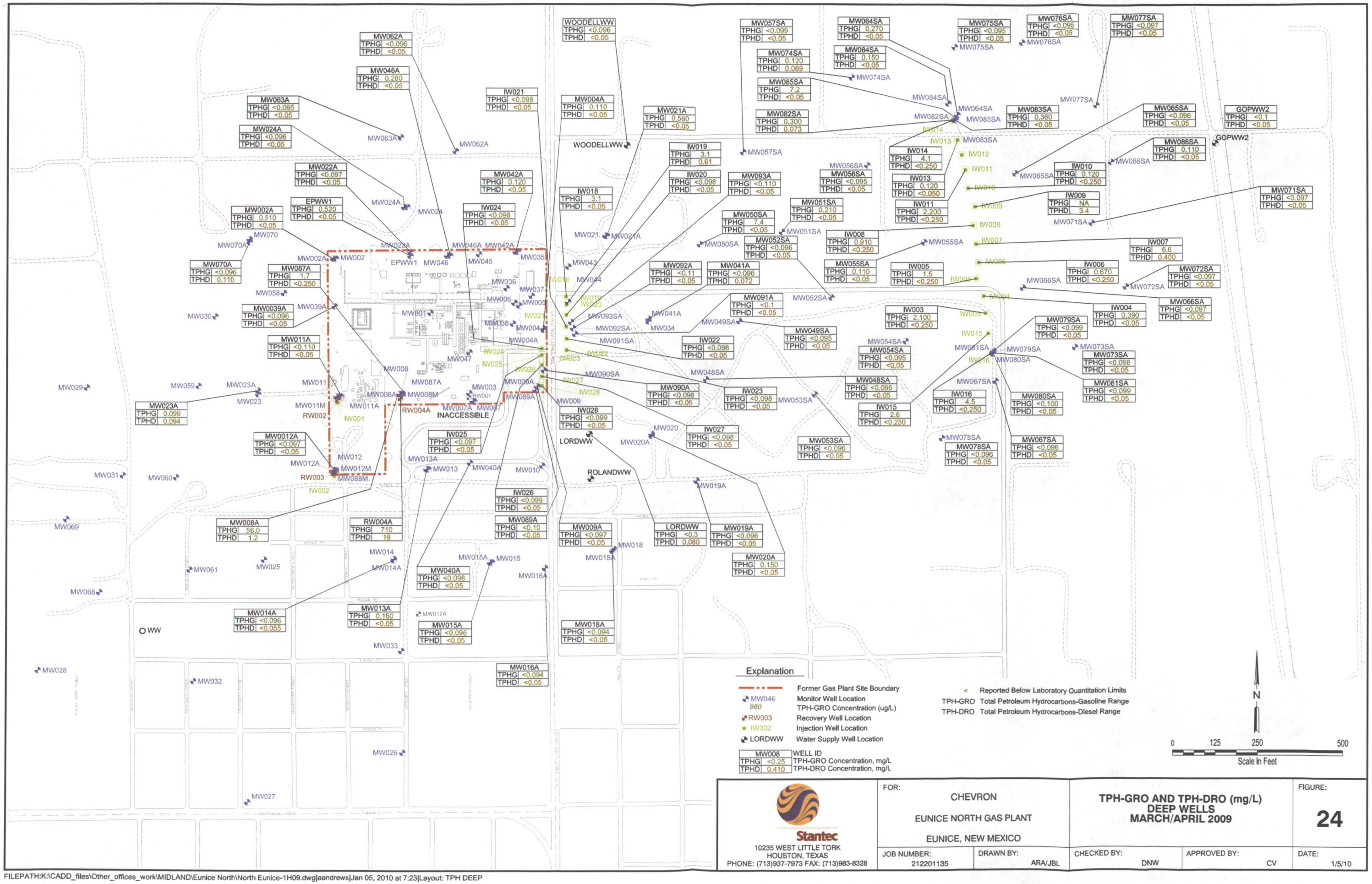
TPH-GRO AND TPH-DRO (mg/L)
SHALLOW WELLS
MARCH/APRIL 2009

FIGURE: **23**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	CV	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:23|Layout: TPH SHALLOW

FIGURE 24
TPH-DRO and TPH-GRO mg/L – Deep Wells
(March/April 2009)



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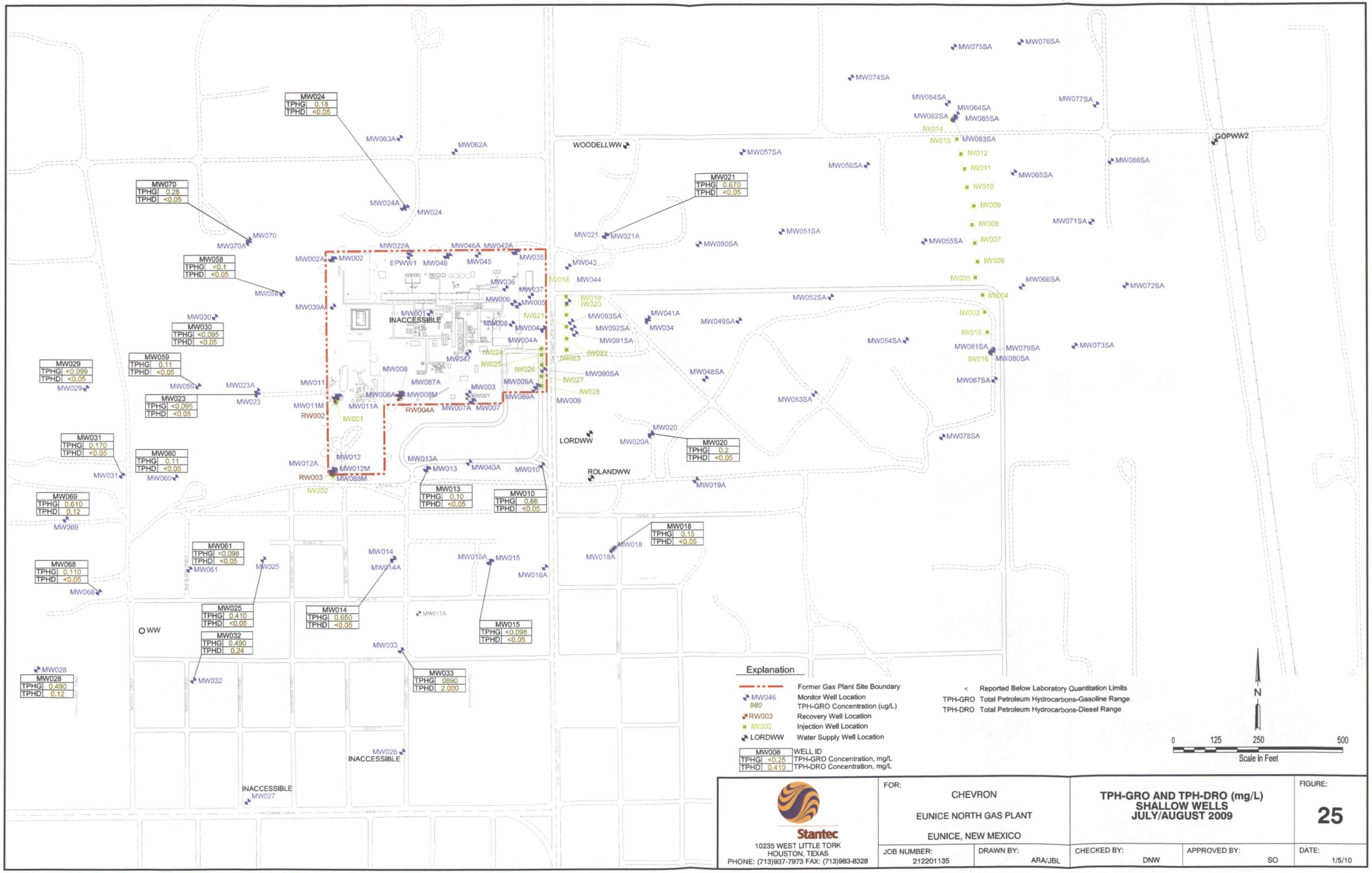
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**TPH-GRO AND TPH-DRO (mg/L) DEEP WELLS MARCH/APRIL 2009**		FIGURE: **24**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW	APPROVED BY: CV	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-1H09.dwg|aandrews|Jan 05, 2010 at 7:23|Layout: TPH DEEP

FIGURE 25
TPH-DRO and TPH-GRO mg/L – Shallow Wells (August 2009)



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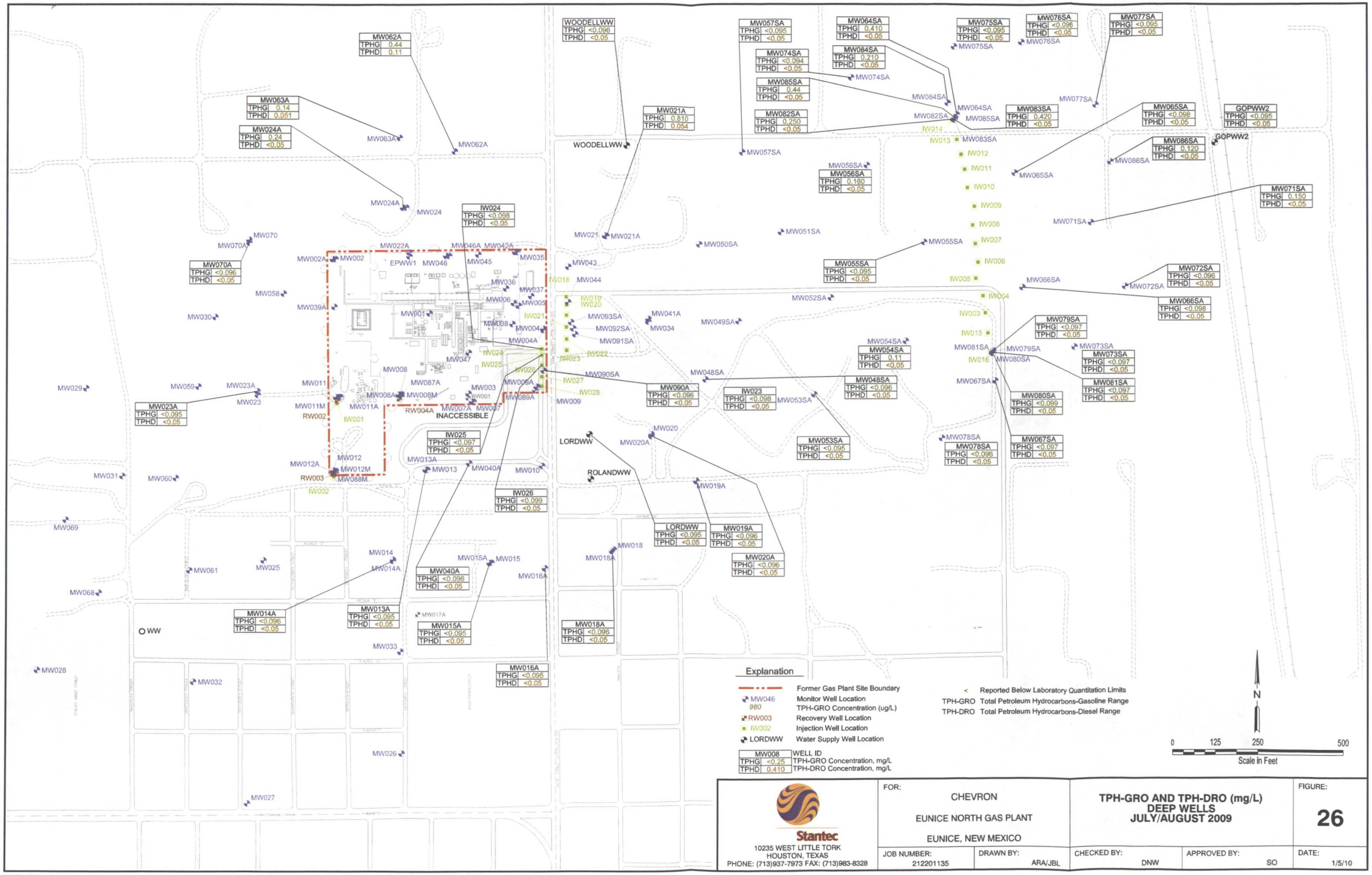
TPH-GRO AND TPH-DRO (mg/L)
SHALLOW WELLS
JULY/AUGUST 2009

FIGURE: **25**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212201135	ARA/JBL	DNW	SO	1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:15|Layout: TPH SHALLOW

FIGURE 26
TPH-DRO and TPH-GRO mg/L – Deep Wells (August 2009)



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FOR:			FIGURE:
CHEVRON EUNICE NORTH GAS PLANT EUNICE, NEW MEXICO		**TPH-GRO AND TPH-DRO (mg/L) DEEP WELLS JULY/AUGUST 2009**	**26**
JOB NUMBER: 212201135	DRAWN BY: ARA/JBL	CHECKED BY: DNW	APPROVED BY: SO	DATE: 1/5/10

FILEPATH:K:\CADD_files\Other_offices_work\MIDLAND\Eunice North\North Eunice-2H09.dwg|aandrews|Jan 05, 2010 at 7:15|Layout: TPH DEEP

TABLE 1
CUMULATIVE GROUNDWATER ELEVATION DATA

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
		Shallow Zone Wells		
MW001	04/22/97	3428.57	52.34	3376.23
	12/18/97	3428.57	52.32	3376.25
	11/16/99	3428.57	*51.32	3377.25
	05/15/01	3428.57	50.33	3378.24
	08/23/01	3428.57	51.02	3377.55
	01/21/02	3428.57	50.64	3377.93
	04/04/02	3428.57	50.66	3377.91
	09/03/02	3428.57	50.44	3378.13
	12/02/02	3428.57	50.20	3378.37
	01/31/03	3428.57	50.36	3378.21
	03/28/03	3428.57	50.54	3378.03
	05/19/03	3428.57	50.36	3378.21
	09/09/03	3428.57	50.52	3378.05
	01/26/04	3428.57	50.73	3377.84
	03/30/04	3428.57	50.71	3377.86
	06/07/04	3428.57	50.76	3377.81
	09/17/04	3428.57	50.30	3378.27
	11/30/04	3428.57	49.90	3378.67
	03/31/05	3428.57	49.25	3379.32
	05/23/05	3428.57	49.15	3379.42
	01/17/06	3428.57	48.39	3380.18
	06/19/06	3428.57	48.02	3380.55
	04/19/07	3428.57	47.75	3380.82
	03/24/08	3428.57	47.83	3380.74
	03/11/09	NG	NG	NG
MW002	04/22/97	3432.17	55.95	3376.22
	12/18/97	3432.17	55.62	3376.55
	11/16/99	3432.17	*54.97	3377.20
	05/15/01	3432.17	54.15	3378.02
	08/23/01	3432.17	54.12	3378.05
	01/21/02	3432.17	54.30	3377.87
	04/04/02	3432.17	54.31	3377.86
	09/03/02	3432.17	54.14	3378.03
	12/02/02	3432.17	53.88	3378.29
	01/30/03	3432.17	53.88	3378.29
	03/28/03	3432.17	54.16	3378.01
	05/19/03	3432.17	53.97	3378.20
	09/09/03	3432.17	54.05	3378.12
	12/02/03	3432.17	53.89	3378.28
	03/30/04	3432.17	54.11	3378.06
	06/07/04	3432.17	54.21	3377.96
	09/17/04	3432.17	53.94	3378.23
	11/30/04	3432.17	53.74	3378.43
	03/31/05	3432.17	53.37	3378.80
	05/23/05	3432.17	53.06	3379.11
	01/16/06	3432.17	52.62	3379.55
	06/19/06	3432.17	52.20	3379.97
	04/12/07	3432.17	51.78	3380.39
	03/19/08	3432.17	51.69	3380.48
	03/11/09	3432.17	51.94	3380.23
MW003	04/22/97	3428.27	49.79	3378.48
	12/18/97	3428.27	49.24	3379.03
	11/16/99	3428.27	*50.49	3377.78
	05/15/01	3428.27	49.63	3378.64
	08/23/01	3428.27	49.99	3378.28
	01/21/02	3428.27	49.81	3378.46
	04/04/02	3428.27	49.92	3378.35
	09/03/02	3428.27	49.80	3378.47
	12/02/02	3428.27	49.51	3378.76
	01/31/03	3428.27	49.64	3378.63
	03/28/03	3428.27	49.61	3378.66
	05/19/03	3428.27	49.57	3378.70
	09/09/03	3428.27	49.64	3378.63
	12/03/03	3428.27	49.70	3378.57
	03/30/04	3428.27	49.78	3378.49
	06/07/04	3428.27	49.74	3378.53
	09/17/04	3428.27	49.38	3378.89
	11/30/04	3428.27	48.80	3379.47
	03/31/05	3428.27	48.40	3379.87
	05/23/05	3428.27	48.31	3379.96
	01/17/06	3428.27	47.79	3380.48
	06/19/06	3428.27	47.65	3380.62
	4//16/2007	3428.27	47.23	3381.04
	03/19/08	3428.27	47.21	3381.06
	03/11/09	3428.27	47.73	3380.54

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW004	04/22/97	3423.38	48.24	3375.14
	12/18/97	3423.38	47.69	3375.69
	11/16/99	3423.38	*46.76	3376.62
	05/15/01	3423.38	45.91	3377.47
	08/23/01	3423.38	46.12	3377.26
	01/21/02	3423.38	46.20	3377.18
	04/04/02	3423.38	46.27	3377.11
	09/03/02	3423.38	45.95	3377.43
	12/02/02	3423.38	45.85	3377.53
	01/31/03	3423.38	45.94	3377.44
	03/28/03	3423.38	45.96	3377.42
	05/19/03	3423.38	45.97	3377.41
	09/09/03	3423.38	46.14	3377.24
	12/03/03	3423.38	46.15	3377.23
	03/30/04	3423.38	46.24	3377.14
	06/07/04	3423.38	46.19	3377.19
	09/17/04	3423.38	45.90	3377.48
	11/29/04	3423.38	45.44	3377.94
	03/31/05	3423.38	42.85	3380.53
	05/23/05	3423.38	44.90	3378.48
	01/18/06	3423.38	44.17	3379.21
	06/19/06	3423.38	43.95	3379.43
	04/17/07	3423.38	43.76	3379.62
	03/19/08	3423.38	43.78	3379.60
	03/11/09	3423.38	44.33	3379.05
MW005	04/22/97	3424.77	49.30	3375.47
	12/18/97	3424.77	49.52	3375.25
	11/16/99	3424.77	*48.14	3376.63
	05/15/01	3424.77	NR	NR
	08/23/01	3424.77	47.82	3376.95
	01/21/02	3424.77	47.80	3376.97
	04/09/02	3424.77	47.31	3377.46
	04/10/03	3424.77	47.27	3377.50
	05/19/03	3424.77	47.25	3377.52
	09/08/03	3424.77	49.22	3375.55
	12/03/03	3424.77	47.51	3377.26
	03/30/04	3424.77	47.56	3377.21
	06/07/04	3424.77	47.54	3377.23
	09/17/04	3424.77	47.18	3377.59
	11/30/04	3424.77	46.51	3378.26
	04/01/05	3424.77	46.26	3378.51
	05/23/05	3424.77	46.04	3378.73
	01/18/06	3424.77	45.30	3379.47
	06/15/06	3424.77	45.05	3379.72
	04/19/07	3424.77	44.82	3379.95
	03/24/08	3424.77	44.92	3379.85
	03/11/09	3424.77	45.49	3379.28
MW006	04/22/97	3425.26	49.26	3376.00
	12/18/97	3425.26	49.69	3375.57
	11/16/99	3425.26	*48.69	3376.57
	05/15/01	3425.26	49.48	3375.78
	08/23/01	3425.26	50.21	3375.05
	01/21/02	3425.26	50.11	3375.15
	04/09/02	3425.26	50.35	3374.91
	09/11/02	3425.26	49.55	3375.71
	12/05/02	3425.26	49.13	3376.13
	04/10/03	3425.26	49.61	3375.65
	05/19/03	3425.26	49.63	3375.63
	09/08/03	3425.26	49.22	3376.04
	12/03/03	3425.26	49.95	3375.31
	03/30/04	3425.26	50.63	3374.63
	06/07/04	3425.26	49.25	3376.01
	09/17/04	3425.26	48.75	3376.51
	11/30/04	3425.26	46.94	3378.32
	04/01/05	3425.26	46.70	3378.56
	05/23/05	3425.26	46.49	3378.77
	01/18/06	3425.26	45.74	3379.52
	06/15/06	3425.26	45.47	3379.79
	04/23/07	3425.26	45.25	3380.01
	03/24/08	3425.26	45.35	3379.91
	03/11/09	3425.26	45.90	3379.36

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW007	12/18/97	3428.39	49.43	3378.96
	11/16/99	3428.39	*50.57	3377.82
	05/15/01	3428.39	49.70	3378.69
	08/23/01	3428.39	50.06	3378.33
	01/21/02	3428.39	49.93	3378.46
	04/04/02	3428.39	50.03	3378.36
	09/03/02	3428.39	49.90	3378.49
	12/02/02	3428.39	49.60	3378.79
	01/31/03	3428.39	49.71	3378.68
	03/28/03	3428.39	49.70	3378.69
	05/19/03	3428.39	49.60	3378.79
	09/09/03	3428.39	49.73	3378.66
	12/03/03	3428.39	49.71	3378.68
	03/30/04	3428.39	49.89	3378.50
	06/07/04	3428.39	49.82	3378.57
	09/17/04	3428.39	49.44	3378.95
	11/30/04	3428.39	48.90	3379.49
	03/31/05	3428.39	48.50	3379.89
	05/23/05	3428.39	48.41	3379.98
	01/17/06	3428.39	47.91	3380.48
	06/19/06	3428.39	47.75	3380.64
	04/16/07	3428.39	47.33	3381.06
	03/19/08	3428.39	47.35	3381.04
	03/10/09	3428.39	47.78	3380.61
MW008	12/18/97	3430.13	50.76	3379.37
	11/16/99	3430.13	*52.25	3377.88
	05/15/01	3430.13	51.36	3378.77
	08/23/01	3430.13	51.72	3378.41
	01/21/02	3430.13	51.53	3378.60
	04/04/02	3430.13	51.60	3378.53
	09/03/02	3430.13	51.51	3378.62
	12/02/02	3430.13	51.27	3378.86
	01/31/03	3430.13	51.31	3378.82
	03/28/03	3430.13	51.31	3378.82
	05/19/03	3430.13	51.21	3378.92
	09/09/03	3430.13	51.33	3378.80
	12/03/03	3430.13	51.33	3378.80
	03/30/04	3430.13	51.40	3378.73
	06/07/04	3430.13	51.82	3378.31
	11/30/04	3430.13	50.64	3379.49
	03/31/05	3430.13	50.24	3379.89
	05/23/05	3430.13	50.14	3379.99
	01/17/06	3430.13	49.52	3380.61
	06/19/06	3430.13	49.37	3380.76
	04/03/07	3430.13	48.93	3381.20
	03/24/08	3430.13	48.80	3381.33
	03/11/09	3430.13	49.24	3380.89
MW008M	01/21/02	3430.27	51.71	3378.56
	04/04/02	3430.27	51.77	3378.50
	09/03/02	3430.27	51.68	3378.59
	12/02/02	3430.27	51.45	3378.82
	01/31/03	3430.27	51.52	3378.75
	03/28/03	3430.27	51.47	3378.80
	05/19/03	3430.27	51.44	3378.83
	09/09/03	3430.27	51.49	3378.78
	12/03/03	3430.27	51.44	3378.83
	03/30/04	3430.27	51.52	3378.75
	06/07/04	3430.27	51.56	3378.71
	11/30/04	3430.27	50.79	3379.48
	03/31/05	3430.27	50.47	3379.80
	05/23/05	3430.27	50.32	3379.95
	01/17/06	3430.27	49.77	3380.50
	06/19/06	3430.27	49.65	3380.62
	04/13/07	3430.27	49.39	3380.88
	03/24/08	3430.27	49.12	3381.15
	03/11/09	3430.27	49.44	3380.83

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW009	12/18/97	3427.63	48.98	3378.65
	11/16/99	3427.63	*50.38	3377.25
	05/15/01	3427.63	49.59	3378.04
	08/23/01	3427.63	49.85	3377.78
	01/21/02	3427.63	49.82	3377.81
	04/04/02	3427.63	49.88	3377.75
	09/03/02	3427.63	49.75	3377.88
	12/02/02	3427.63	49.55	3378.08
	01/31/03	3427.63	49.60	3378.03
	03/28/03	3427.63	49.57	3378.06
	05/19/03	3427.63	49.53	3378.10
	09/09/03	3427.63	49.66	3377.97
	12/03/03	3427.63	49.66	3377.97
	03/30/04	3427.63	49.88	3377.75
	06/07/04	3427.63	49.77	3377.86
	09/17/04	3427.63	49.60	3378.03
	11/30/04	3427.63	49.00	3378.63
	03/31/05	3427.63	48.61	3379.02
	05/23/05	3427.63	48.47	3379.16
	01/17/06	3427.63	47.90	3379.73
	06/19/06	3427.63	47.75	3379.88
	03/18/08	3427.63	47.49	3380.14
	03/11/09	3427.63	47.91	3379.72
MW010	12/18/97	3419.42	43.22	3376.20
	11/16/99	3419.42	*41.27	3378.15
	05/15/01	3419.42	40.37	3379.05
	08/23/01	3419.42	40.61	3378.81
	01/21/02	3419.42	40.71	3378.71
	04/04/02	3419.42	40.85	3378.57
	09/03/02	3419.42	40.65	3378.77
	12/02/02	3419.42	40.50	3378.92
	01/30/03	3419.42	40.51	3378.91
	03/28/03	3419.42	40.46	3378.96
	05/19/03	3419.42	40.52	3378.90
	09/09/03	3419.42	40.52	3378.90
	12/07/03	3419.42	40.59	3378.83
	03/30/04	3419.42	40.81	3378.61
	06/07/04	3419.42	40.74	3378.68
	09/17/04	3419.42	40.50	3378.92
	11/30/04	3419.42	40.11	3379.31
	03/31/05	3419.42	39.63	3379.79
	05/23/05	3419.42	39.42	3380.00
	01/16/06	3419.42	39.15	3380.27
	06/16/06	3419.42	38.97	3380.45
	04/11/07	3419.42	38.57	3380.85
	03/19/08	3419.42	39.14	3380.28
	08/04/08	3419.42	38.94	3380.48
	03/11/09	3419.42	39.16	3380.26
	07/29/09	3419.42	39.31	3380.11
MW011	11/16/99	3431.49	*53.58	3377.91
	05/15/01	3431.49	52.78	3378.71
	08/23/01	3431.49	52.96	3378.53
	01/21/02	3431.49	52.84	3378.65
	04/04/02	3431.49	52.89	3378.60
	09/03/02	3431.49	52.80	3378.69
	12/02/02	3431.49	52.56	3378.93
	01/30/03	3431.49	52.51	3378.98
	03/28/03	3431.49	52.63	3378.86
	05/19/03	3431.49	52.58	3378.91
	09/09/03	3431.49	52.60	3378.89
	12/03/03	3431.49	52.52	3378.97
	03/30/04	3431.49	52.56	3378.93
	06/07/04	3431.49	52.61	3378.88
	11/30/04	3431.49	52.16	3379.33
	03/31/05	3431.49	52.82	3378.67
	05/23/05	3431.49	51.58	3379.91
	01/16/06	3431.49	51.16	3380.33
	06/19/06	3431.49	50.92	3380.57
	03/29/07	3431.49	50.57	3380.92
	03/24/08	3431.49	50.30	3381.19
	03/11/09	3431.49	50.53	3380.96

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW011M	01/21/02	3431.21	52.68	3378.53
	04/04/02	3431.21	52.63	3378.58
	09/03/02	3431.21	52.54	3378.67
	12/02/02	3431.21	52.32	3378.89
	01/30/03	3431.21	52.25	3378.96
	03/28/03	3431.21	52.32	3378.89
	05/19/03	3431.21	52.31	3378.90
	09/09/03	3431.21	52.30	3378.91
	12/03/03	3431.21	52.25	3378.96
	03/30/04	3431.21	52.31	3378.90
	06/07/04	3431.21	52.34	3378.87
	11/30/04	3431.21	51.91	3379.30
	03/31/05	3431.21	52.62	3378.59
	05/23/05	3431.21	51.38	3379.83
	01/16/06	3431.21	50.90	3380.31
	06/19/06	3431.21	50.65	3380.56
	03/29/07	3431.21	50.15	3381.06
	03/24/08	3431.21	49.97	3381.24
	03/11/09	3431.21	50.21	3381.00
MW012	11/16/99	3429.51	*51.12	3378.39
	05/15/01	3429.51	50.50	3379.01
	08/23/01	3429.51	50.50	3379.01
	01/21/02	3429.51	50.48	3379.03
	04/05/02	3429.51	50.49	3379.02
	09/03/02	3429.51	50.40	3379.11
	12/02/02	3429.51	50.25	3379.26
	01/30/03	3429.51	50.13	3379.38
	03/28/03	3429.51	50.25	3379.26
	05/19/03	3429.51	50.15	3379.36
	09/09/03	3429.51	50.11	3379.40
	12/03/03	3429.51	50.05	3379.46
	03/30/04	3429.51	50.18	3379.33
	06/07/04	3429.51	50.13	3379.38
	11/30/04	3429.51	49.66	3379.85
	03/31/05	3429.51	49.58	3379.93
	05/23/05	3429.51	49.23	3380.28
	01/16/06	3429.51	48.88	3380.63
	06/19/06	3429.51	48.65	3380.86
	04/02/07	3429.51	48.21	3381.30
	03/21/08	3429.51	47.70	3381.81
	03/11/09	3429.51	48.26	3381.25
MW012M	01/21/02	3430.06	50.95	3379.11
	04/05/02	3430.06	51.37	3378.69
	09/03/02	3430.06	50.89	3379.17
	12/02/02	3430.06	50.75	3379.31
	01/30/03	3430.06	50.65	3379.41
	03/28/03	3430.06	50.76	3379.30
	05/19/03	3430.06	50.71	3379.35
	09/09/03	3430.06	50.63	3379.43
	12/03/03	3430.06	50.63	3379.43
	03/30/04	3430.06	50.70	3379.36
	06/07/04	3430.06	50.32	3379.74
	11/30/04	3430.06	50.30	3379.76
	03/31/05	3430.06	50.19	3379.87
	05/23/05	3430.06	49.64	3380.42
	01/16/06	3430.06	49.50	3380.56
	06/19/06	3430.06	48.41	3381.65
	04/05/07	3430.06	49.10	3380.96
	03/21/08	3430.06	48.79	3381.27
	03/11/09	3430.06	48.90	3381.16

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW013	12/18/97	3424.11	46.98	3377.13
	11/16/99	3424.11	*44.81	3378.30
	05/15/01	3424.11	45.05	3379.06
	08/23/01	3424.11	45.11	3379.00
	01/21/02	3424.11	45.14	3378.97
	04/05/02	3424.11	45.22	3378.89
	09/03/02	3424.11	45.11	3379.00
	12/02/02	3424.11	44.91	3379.20
	01/30/03	3424.11	44.84	3379.27
	03/28/03	3424.11	45.91	3378.20
	05/19/03	3424.11	44.90	3379.21
	09/09/03	3424.11	44.89	3379.22
	12/02/03	3424.11	44.75	3379.36
	03/30/04	3424.11	44.94	3379.17
	06/07/04	3424.11	44.98	3379.13
	09/17/04	3424.11	44.82	3379.29
	11/30/04	3424.11	44.53	3379.58
	03/31/05	3424.11	44.05	3380.06
	05/23/05	3424.11	43.85	3380.26
	01/16/06	3424.11	43.47	3380.64
	06/16/06	3424.11	43.21	3380.90
	04/18/07	3424.11	42.83	3381.28
	09/19/07	3424.11	42.63	3381.48
	03/18/08	3424.11	42.65	3381.46
	08/04/08	3424.11	42.96	3381.15
	03/11/09	3424.11	43.19	3380.92
	07/29/09	3424.11	43.30	3380.81
MW014	11/16/99	3424.05	45.22	3378.86
	05/15/01	3424.05	44.61	3379.44
	08/23/01	3424.05	44.48	3379.57
	01/21/02	3424.05	44.49	3379.56
	04/05/02	3424.05	44.60	3379.45
	09/03/02	3424.05	44.25	3379.80
	12/02/02	3424.05	44.24	3379.81
	01/30/03	3424.05	44.19	3379.86
	03/28/03	3424.05	44.31	3379.74
	05/19/03	3424.05	44.25	3379.80
	09/09/03	3424.05	44.18	3379.87
	12/02/03	3424.05	44.03	3380.02
	03/30/04	3424.05	44.25	3379.80
	06/07/04	3424.05	44.18	3379.87
	09/14/04	3424.05	44.16	3379.89
	11/30/04	3424.05	43.98	3380.07
	03/31/05	3424.05	43.57	3380.48
	05/23/05	3424.05	40.76	3383.29
	01/17/06	3424.05	42.89	3381.16
	06/16/06	3424.05	42.78	3381.27
	03/26/07	3424.05	42.37	3381.68
	09/19/07	3424.05	42.14	3381.91
	03/19/08	3424.05	42.22	3381.83
	03/11/09	3424.05	42.69	3381.36
	07/29/09	3424.05	42.83	3381.22
MW015	11/16/99	3420.40	41.46	3378.94
	05/15/01	3420.40	40.85	3379.55
	08/23/01	3420.40	40.85	3379.55
	01/21/02	3420.40	40.81	3379.59
	04/04/02	3420.40	40.99	3379.41
	09/03/02	3420.40	40.75	3379.65
	12/02/02	3420.40	40.53	3379.87
	01/30/03	3420.40	40.51	3379.89
	03/28/03	3420.40	40.64	3379.76
	05/19/03	3420.40	40.56	3379.84
	09/08/03	3420.40	40.57	3379.83
	12/02/03	3420.40	40.51	3379.89
	03/30/04	3420.40	40.81	3379.59
	06/07/04	3420.40	40.60	3379.80
	09/16/04	3420.40	40.55	3379.85
	11/30/04	3420.40	40.22	3380.18
	03/31/05	3420.40	39.77	3380.63
	05/23/05	3420.40	39.58	3380.82
	01/17/06	3420.40	39.17	3381.23
	06/16/06	3420.40	39.13	3381.27
	03/22/07	3420.40	38.83	3381.57
	09/18/07	3420.40	38.51	3381.89
	03/18/08	3420.40	38.59	3381.81
	08/04/08	3420.40	39.02	3381.38
	03/10/09	3420.40	39.11	3381.29
	07/28/09	3420.40	39.35	3381.05

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW018	05/15/01	3417.15	37.82	3379.33
	05/15/01	3417.15	37.90	3379.25
	08/23/01	3417.15	37.26	3379.89
	01/21/02	3417.15	37.90	3379.25
	04/04/02	3417.15	38.15	3379.00
	09/03/02	3417.15	37.34	3379.81
	12/02/02	3417.15	37.37	3379.78
	01/30/03	3417.15	37.38	3379.77
	03/28/03	3417.15	37.66	3379.49
	05/19/03	3417.15	37.81	3379.34
	09/08/03	3417.15	37.82	3379.33
	12/02/03	3417.15	37.99	3379.16
	03/30/04	3417.15	38.30	3378.85
	06/07/04	3417.15	37.86	3379.29
	09/16/04	3417.15	37.48	3379.67
	11/29/04	3417.15	36.48	3380.67
	03/31/05	3417.15	36.32	3380.83
	05/23/05	3417.15	36.18	3380.97
	01/17/06	3417.15	36.05	3381.10
	06/16/06	3417.15	36.31	3380.84
	04/02/07	3417.15	35.95	3381.20
	09/13/07	3417.15	35.18	3381.97
	03/18/08	3417.15	36.19	3380.96
	03/10/09	3417.15	36.59	3380.56
	07/28/09	3417.15	36.83	3380.32
MW020	11/16/99	3420.85	44.58	3376.27
	02/06/02	3420.85	44.02	3376.83
	09/03/02	3420.85	43.79	3377.06
	12/09/02	3420.85	43.84	3377.01
	01/30/03	3420.85	43.78	3377.07
	03/28/03	3420.85	43.86	3376.99
	06/05/03	3420.85	43.93	3376.92
	01/22/04	3420.85	44.39	3376.46
	03/30/04	3420.85	44.41	3376.44
	06/07/04	3420.85	44.16	3376.69
	09/17/04	3420.85	43.99	3376.86
	11/29/04	3420.85	43.59	3377.26
	04/01/05	3420.85	43.12	3377.73
	05/23/05	3420.85	42.99	3377.86
	01/17/06	3420.85	42.61	3378.24
	06/16/06	3420.85	42.55	3378.30
	04/04/07	3420.85	42.23	3378.62
	03/18/08	3420.85	42.25	3378.60
	08/04/08	3420.85	42.57	3378.28
	03/10/09	3420.85	42.67	3378.18
	07/28/09	3420.85	42.88	3377.97
MW021	11/16/99	3422.72	47.82	3374.90
	05/15/01	3422.72	47.09	3375.63
	08/23/01	3422.72	47.34	3375.38
	01/21/02	3422.72	47.19	3375.53
	04/04/02	3422.72	47.35	3375.37
	09/03/02	3422.72	47.25	3375.47
	12/02/02	3422.72	47.01	3375.71
	01/30/03	3422.72	46.98	3375.74
	03/28/03	3422.72	47.02	3375.70
	05/19/03	3422.72	47.09	3375.63
	09/08/03	3422.72	47.21	3375.51
	01/21/04	3422.72	47.22	3375.50
	03/30/04	3422.72	47.21	3375.51
	06/07/04	3422.72	47.45	3375.27
	09/17/04	3422.72	47.15	3375.57
	11/29/04	3422.72	46.80	3375.92
	03/31/05	3422.72	46.28	3376.44
	05/23/05	3422.72	46.22	3376.50
	01/18/06	3422.72	45.68	3377.04
	06/14/06	3422.72	45.45	3377.27
	04/09/07	3422.72	45.10	3377.62
	09/18/07	3422.72	45.81	3376.91
	03/18/08	3422.72	45.07	3377.65
	08/04/08	3422.72	46.23	3376.49
	03/10/09	3422.72	45.60	3377.12
	07/28/09	3422.72	45.77	3376.95

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW023	11/16/99	3436.44	58.42	3378.02
	05/15/01	3436.44	57.73	3378.71
	08/23/01	3436.44	57.79	3378.65
	02/07/02	3436.44	57.77	3378.67
	09/03/02	3436.44	57.69	3378.75
	12/02/02	3436.44	57.46	3378.98
	01/30/03	3436.44	57.41	3379.03
	03/28/03	3436.44	57.50	3378.94
	05/19/03	3436.44	57.41	3379.03
	09/09/03	3436.44	57.39	3379.05
	12/02/03	3436.44	57.14	3379.30
	03/30/04	3436.44	57.34	3379.10
	06/07/04	3436.44	57.21	3379.23
	09/17/04	3436.44	57.34	3379.10
	11/30/04	3436.44	57.16	3379.28
	03/31/05	3436.44	56.92	3379.52
	05/23/05	3436.44	56.68	3379.76
	01/17/06	3436.44	56.37	3380.07
	06/14/06	3436.44	56.00	3380.44
	04/18/07	3436.44	55.64	3380.80
	09/20/07	3436.44	55.46	3380.98
	04/09/08	3436.44	55.31	3381.13
	08/04/08	3436.44	55.40	3381.04
	03/11/09	3436.44	55.55	3380.89
	07/29/09	3436.44	55.55	3380.89
MW024	01/09/03	3431.32	53.76	3377.56
	01/29/03	3431.32	53.64	3377.68
	03/27/03	3431.32	53.85	3377.47
	05/19/03	3431.32	53.77	3377.55
	09/09/03	3431.32	53.93	3377.39
	12/02/03	3431.32	53.86	3377.46
	03/30/04	3431.32	54.10	3377.22
	06/07/04	3431.32	54.21	3377.11
	09/16/04	3431.32	53.71	3377.61
	11/29/04	3431.32	53.54	3377.78
	03/31/05	3431.32	53.06	3378.26
	05/23/05	3431.32	52.78	3378.54
	01/17/06	3431.32	52.11	3379.21
	06/14/06	3431.32	51.60	3379.72
	04/11/07	3431.32	51.33	3379.99
	09/13/07	3431.32	51.44	3379.88
	03/19/08	3431.32	51.45	3379.87
	08/04/08	3431.32	51.52	3379.80
	03/11/09	3431.22	51.69	3379.53
	07/29/09	3431.22	51.74	3379.48
MW025	11/16/99	3432.69	53.23	3379.41
	05/15/01	3432.69	53.24	3379.45
	08/23/01	3432.69	53.02	3379.67
	01/21/02	3432.69	53.03	3379.66
	04/05/02	3432.69	53.17	3379.52
	09/03/02	3432.69	53.01	3379.68
	12/02/02	3432.69	52.83	3379.86
	01/29/03	3432.69	52.80	3379.89
	03/28/03	3432.69	52.86	3379.83
	05/19/03	3432.69	52.59	3380.10
	09/09/03	3432.69	52.62	3380.07
	12/02/03	3432.69	52.55	3380.14
	03/30/04	3432.69	52.70	3379.99
	06/07/04	3432.69	52.62	3380.07
	09/16/04	3432.69	52.48	3380.21
	11/29/04	3432.69	52.41	3380.28
	03/31/05	3432.69	52.10	3380.59
	05/23/05	3432.69	51.88	3380.81
	01/17/06	3432.69	51.43	3381.26
	06/16/06	3432.69	51.40	3381.29
	03/22/07	3432.69	50.04	3382.65
	09/18/07	3432.69	50.89	3381.80
	03/18/08	3432.69	50.85	3381.84
	08/04/08	3432.69	51.10	3381.59
	03/10/09	3432.69	51.12	3381.57
	07/28/09	3432.69	51.31	3381.38

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW026	11/16/99	3432.04	52.95	3379.09
	05/15/01	3432.04	52.08	3379.96
	08/23/01	3432.04	52.06	3379.98
	01/21/02	3432.04	51.91	3380.13
	04/04/02	3432.04	52.00	3380.04
	09/03/02	3432.04	51.99	3380.05
	12/02/02	3432.04	51.60	3380.44
	01/30/03	3432.04	51.43	3380.61
	03/28/03	3432.04	51.62	3380.42
	05/19/03	3432.04	51.52	3380.52
	09/08/03	3432.04	51.64	3380.40
	12/02/03	3432.04	51.49	3380.55
	03/30/04	3432.04	51.70	3380.34
	06/07/04	3432.04	51.69	3380.35
	09/16/04	3432.04	51.62	3380.42
	11/30/04	3432.04	51.56	3380.48
	03/31/05	3432.04	51.03	3381.01
	05/23/05	3432.04	50.79	3381.25
	01/17/06	3432.04	50.43	3381.61
	06/15/06	3432.04	50.23	3381.81
	04/05/07	3432.04	51.12	3380.92
	09/10/07	3432.04	49.84	3382.20
	03/18/08	3432.04	49.74	3382.30
	08/04/08	3432.04	49.80	3382.24
	03/10/09	3432.04	50.25	3381.79
	07/28/09	3432.04	50.52	3381.52
MW027	11/16/99	3443.33	64.65	3378.68
	05/15/01	3443.33	64.09	3379.24
	08/23/01	3443.33	63.82	3379.51
	01/21/02	3443.33	63.87	3379.46
	04/04/02	3443.33	63.90	3379.43
	09/03/02	3443.33	63.90	3379.43
	12/02/02	3443.33	63.64	3379.69
	01/30/03	3443.33	63.59	3379.74
	03/27/03	3443.33	63.49	3379.84
	05/19/03	3443.33	63.63	3379.70
	09/08/03	3443.33	63.58	3379.75
	12/02/03	3443.33	63.48	3379.85
	03/30/04	3443.33	63.62	3379.71
	06/07/04	3443.33	63.67	3379.66
	09/16/04	3443.33	63.55	3379.78
	11/29/04	3443.33	63.48	3379.85
	03/31/05	3443.33	62.98	3380.35
	05/23/05	3443.33	62.73	3380.60
	01/17/06	3443.33	62.39	3380.94
	06/16/06	3443.33	62.32	3381.01
	03/21/07	3443.33	62.13	3381.20
	09/13/07	3443.33	62.04	3381.29
	03/18/08	3443.33	61.99	3381.34
	08/04/08	3443.33	62.14	3381.19
	03/11/09	NG	NG	NG
	07/29/09	3443.33	62.52	3380.81
MW028	11/16/99	3451.63	73.52	3378.11
	05/15/01	3451.63	72.89	3378.74
	08/23/01	3451.63	72.86	3378.77
	01/21/02	3451.63	72.75	3378.88
	04/05/02	3451.63	72.77	3378.86
	09/03/02	3451.63	72.71	3378.92
	12/02/02	3451.63	72.55	3379.08
	01/29/03	3451.63	72.51	3379.12
	03/28/03	3451.63	72.58	3379.05
	05/19/03	3451.63	72.52	3379.11
	09/09/03	3451.63	72.53	3379.10
	01/28/04	3451.63	72.53	3379.10
	03/30/04	3451.63	72.36	3379.27
	06/07/04	3451.63	72.25	3379.38
	09/17/04	3451.63	72.28	3379.35
	11/29/04	3451.63	71.89	3379.74
	04/01/05	3451.63	71.71	3379.92
	05/23/05	3451.63	71.55	3380.08
	01/17/06	3451.63	71.10	3380.53
	06/14/06	3451.63	71.16	3380.47
	03/21/07	3451.63	70.91	3380.72
	09/05/07	3451.63	70.61	3381.02
	03/18/08	3451.63	70.68	3380.95
	08/04/08	3451.63	69.96	3381.67
	03/10/09	3451.63	70.70	3380.93
	07/28/09	3451.63	70.89	3380.74

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW029	11/16/99	3446.89	68.62	3378.27
	05/15/01	3446.89	68.12	3378.77
	08/30/01	3446.89	68.47	3378.42
	02/06/02	3446.89	67.97	3378.92
	09/03/02	3446.89	67.86	3379.03
	12/02/02	3446.89	67.70	3379.19
	01/29/03	3446.89	67.73	3379.16
	03/27/03	3446.89	67.66	3379.23
	05/19/03	3446.89	67.63	3379.26
	09/09/03	3446.89	67.68	3379.21
	12/02/03	3446.89	67.59	3379.30
	03/30/04	3446.89	67.50	3379.39
	06/07/04	3446.89	67.53	3379.36
	06/16/04	3446.89	67.49	3379.40
	11/29/04	3446.89	67.58	3379.31
	03/31/05	3446.89	67.33	3379.56
	05/23/05	3446.89	67.15	3379.74
	01/17/06	3446.89	66.99	3379.90
	06/14/06	3446.89	66.75	3380.14
	03/28/07	3446.89	66.46	3380.43
	09/05/07	3446.89	66.25	3380.64
	03/18/08	3446.89	66.09	3380.80
	08/04/08	3446.89	65.98	3380.91
	03/10/09	3446.89	65.97	3380.92
	07/28/09	3446.89	65.92	3380.97
MW030	04/24/02	3439.84	61.42	3378.42
	05/07/02	3439.84	61.30	3378.54
	09/03/02	3439.84	61.39	3378.45
	12/02/02	3439.84	61.18	3378.66
	01/29/03	3439.84	61.80	3378.04
	03/27/03	3439.84	61.14	3378.70
	05/19/03	3439.84	61.16	3378.68
	09/09/03	3439.84	61.16	3378.68
	12/02/03	3439.84	61.06	3378.78
	03/30/04	3439.84	61.04	3378.80
	06/07/04	3439.84	61.03	3378.81
	09/17/04	3439.84	61.06	3378.78
	11/29/04	3439.84	61.08	3378.76
	03/31/05	3439.84	60.80	3379.04
	05/23/05	3439.84	60.60	3379.24
	01/17/06	3439.84	60.28	3379.56
	06/14/06	3439.84	59.99	3379.85
	03/28/07	3439.84	59.58	3380.26
	09/10/07	3439.84	59.40	3380.44
	03/18/08	3439.84	58.20	3381.64
	08/04/08	3439.84	59.14	3380.70
	03/10/09	3439.84	59.25	3380.59
	07/28/09	3439.84	59.24	3380.60
MW031	04/25/02	3440.68	61.80	3378.88
	05/07/02	3440.68	61.85	3378.83
	09/03/02	3440.68	61.88	3378.80
	12/02/02	3440.68	61.73	3378.95
	01/29/03	3440.68	61.71	3378.97
	03/27/03	3440.68	61.65	3379.03
	05/19/03	3440.68	61.67	3379.01
	09/09/03	3440.68	61.68	3379.00
	12/02/03	3440.68	61.50	3379.18
	03/30/04	3440.68	61.53	3379.15
	06/07/04	3440.68	61.51	3379.17
	09/16/04	3440.68	61.48	3379.19
	11/29/04	3440.68	61.43	3379.25
	03/31/05	3440.68	61.04	3379.64
	05/23/05	3440.68	60.96	3379.72
	01/17/06	3440.68	60.74	3379.94
	06/14/06	3440.68	60.53	3380.15
	03/28/07	3440.68	60.24	3380.44
	09/10/07	3440.68	60.00	3380.68
	03/18/08	3440.68	59.89	3380.79
	08/04/08	3440.68	59.90	3380.78
	03/10/09	3440.68	59.86	3380.82
	07/28/09	3440.68	59.58	3381.10

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW032	04/04/02	3442.22	62.71	3379.51
	09/03/02	3442.22	62.61	3379.61
	12/02/02	3442.22	62.40	3379.82
	01/31/03	3442.22	62.55	3379.67
	03/27/03	3442.22	62.32	3379.90
	05/19/03	3442.22	62.37	3379.85
	09/09/03	3442.22	62.38	3379.84
	12/02/03	3442.22	62.23	3379.99
	03/30/04	3442.22	62.30	3379.92
	06/07/04	3442.22	62.28	3379.94
	09/16/04	3442.22	62.14	3380.08
	03/31/05	3442.22	61.54	3380.68
	05/23/05	3442.22	61.35	3380.87
	01/17/06	3442.22	60.93	3381.29
	06/15/06	3442.22	60.92	3381.30
	04/13/07	3442.22	60.75	3381.47
	09/06/07	3442.22	60.52	3381.70
	03/19/08	3442.22	60.59	3381.63
	08/04/08	3442.22	60.85	3381.37
	03/10/09	3442.22	60.82	3381.40
	07/28/09	3442.22	61.02	3381.20
MW033	04/04/02	3428.86	48.95	3379.91
	09/03/02	3428.86	48.86	3380.00
	12/05/02	3428.86	48.76	3380.10
	01/31/03	3428.86	48.63	3380.23
	03/27/03	3428.86	48.50	3380.36
	05/19/03	3428.86	48.63	3380.23
	09/09/03	3428.86	48.59	3380.27
	12/03/03	3428.86	48.69	3380.17
	03/30/04	3428.86	49.78	3379.08
	06/07/04	3428.86	48.64	3380.22
	09/16/04	3428.86	48.51	3380.35
	11/30/04	3428.86	48.41	3380.45
	04/01/05	3428.86	48.24	3380.62
	05/23/05	3428.86	47.73	3381.13
	01/17/06	3428.86	47.27	3381.59
	06/16/06	3428.86	47.06	3381.80
	04/23/07	3428.86	46.85	3382.01
	09/20/07	3428.86	46.64	3382.22
	03/18/08	3428.86	46.62	3382.24
	08/04/08	3428.86	46.92	3381.94
	03/11/09	3428.86	47.19	3381.67
	07/29/09	3428.86	47.34	3381.52
MW034	04/04/02	3418.76	43.49	3375.27
	09/03/02	3418.76	43.43	3375.33
	12/02/02	3418.76	43.24	3375.52
	01/30/03	3418.76	43.31	3375.45
	03/28/03	3418.76	43.20	3375.56
	05/19/03	3418.76	43.24	3375.52
	09/08/03	3418.76	43.43	3375.33
	12/02/03	3418.76	43.37	3375.39
	03/30/04	3418.76	43.55	3375.21
	06/07/04	3418.76	43.50	3375.26
	09/16/04	3418.76	43.41	3375.35
	11/29/04	3418.76	43.71	3375.05
	03/31/05	3418.76	42.66	3376.10
	05/23/05	3418.76	42.52	3376.24
	01/17/06	3418.76	47.06	3371.70
	06/19/06	3418.76	41.70	3377.06
	04/09/07	3418.76	41.40	3377.36
	03/19/08	3418.76	41.35	3377.41
	03/11/09	3418.76	41.86	3376.90
MW035	08/23/01	3427.39	50.49	3376.90
	01/21/02	3427.39	50.45	3376.94
	04/04/02	3427.39	50.58	3376.81
	09/03/02	3427.39	50.04	3377.35
	12/02/02	3427.39	50.03	3377.36
	01/31/03	3427.39	50.03	3377.36
	03/28/03	3427.39	50.19	3377.20
	05/19/03	3427.39	50.24	3377.15
	09/09/03	3427.39	50.35	3377.04
	12/03/03	3427.39	50.32	3377.07
	03/30/04	3427.39	50.52	3376.87
	06/07/04	3427.39	50.51	3376.88
	09/17/04	3427.39	49.98	3377.41
	11/30/04	3427.39	49.09	3378.30
	03/31/05	3427.39	49.02	3378.37
	05/23/05	3427.39	49.06	3378.33
	01/17/06	3427.39	48.44	3378.95
	06/19/06	3427.39	48.18	3379.21
	04/02/07	3427.39	47.91	3379.48
	03/18/08	3427.39	47.94	3379.45
	03/10/09	3427.39	48.45	3378.94

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW036	08/23/01	3425.49	48.36	3377.13
	01/21/02	3425.49	48.22	3377.27
	04/04/02	3425.49	48.24	3377.25
	09/03/02	3425.49	47.75	3377.74
	12/02/02	3425.49	47.78	3377.71
	01/31/03	3425.49	47.84	3377.65
	03/28/03	3425.49	47.91	3377.58
	05/19/03	3425.49	47.96	3377.53
	09/09/03	3425.49	48.12	3377.37
	12/03/03	3425.49	48.22	3377.27
	03/30/04	3425.49	48.37	3377.12
	06/07/04	3425.49	48.32	3377.17
	09/17/04	3425.49	47.86	3377.63
	11/30/04	3425.49	47.20	3378.29
	04/01/05	3425.49	46.89	3378.60
	05/23/05	3425.49	46.80	3378.69
	01/17/06	3425.49	46.11	3379.38
	06/19/06	3425.49	45.79	3379.70
	04/19/07	3425.49	45.52	3379.97
	03/24/08	3425.49	45.65	3379.84
	03/11/09	3425.49	46.18	3379.31
MW037	08/23/01	3423.71	46.60	3377.11
	01/21/02	3423.71	46.59	3377.12
	04/04/02	3423.71	46.62	3377.09
	09/03/02	3423.71	46.07	3377.64
	12/02/02	3423.71	46.17	3377.54
	01/31/03	3423.71	46.28	3377.43
	03/28/03	3423.71	46.29	3377.42
	05/19/03	3423.71	46.39	3377.32
	09/09/03	3423.71	46.52	3377.19
	12/03/03	3423.71	46.46	3377.25
	03/30/04	3423.71	47.76	3375.95
	06/07/04	3423.71	46.64	3377.07
	09/17/04	3423.71	46.18	3377.53
	11/30/04	3423.71	45.51	3378.20
	04/01/05	3423.71	45.34	3378.37
	05/23/05	3423.71	45.21	3378.50
	01/18/06	3423.71	44.46	3379.25
	06/19/06	3423.71	44.29	3379.42
	04/19/07	3423.71	44.05	3379.66
	03/24/08	3423.71	44.15	3379.56
	03/11/09	3423.71	45.74	3377.97
MW038	08/23/01	3425.23	47.85	3377.38
	01/21/02	3425.23	47.69	3377.54
	04/04/02	3425.23	47.81	3377.42
	09/03/02	3425.23	47.43	3377.80
	12/02/02	3425.23	47.30	3377.93
	01/31/03	3425.23	47.41	3377.82
	03/28/03	3425.23	47.51	3377.72
	05/19/03	3425.23	47.42	3377.81
	09/09/03	3425.23	47.61	3377.62
	12/03/03	3425.23	47.72	3377.51
	03/30/04	3425.23	47.80	3377.43
	06/07/04	3425.23	47.76	3377.47
	09/17/04	3425.23	47.44	3377.79
	11/30/04	3425.23	46.89	3378.34
	04/01/05	3425.23	46.54	3378.69
	05/23/05	3425.23	46.35	3378.88
	01/17/06	3425.23	45.61	3379.62
	06/19/06	3425.23	45.32	3379.91
	4/19/2007	3425.23	45.09	3380.14
	03/24/08	3425.23	45.20	3380.03
	03/11/09	3425.23	45.73	3379.50
MW043	05/07/02	3423.57	47.61	3375.96
	09/03/02	3423.57	47.53	3376.04
	12/02/02	3423.57	47.42	3376.15
	01/30/03	3423.57	47.38	3376.19
	03/28/03	3423.57	47.44	3376.13
	05/19/03	3423.57	47.50	3376.07
	09/08/03	3423.57	47.64	3375.93
	12/02/03	3423.57	47.55	3376.02
	03/30/04	3423.57	47.84	3375.73
	06/07/04	3423.57	47.82	3375.75
	09/14/04	3423.57	47.44	3376.13
	11/29/04	3423.57	46.55	3377.02
	03/31/05	3423.57	46.49	3377.08
	05/23/05	3423.57	46.51	3377.06
	01/17/06	3423.57	44.92	3378.65
	06/14/06	3423.57	45.45	3378.12
	04/09/07	3423.57	45.35	3378.22
	03/18/08	3423.57	45.36	3378.21
	03/10/09	3423.57	45.85	3377.72

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW044	04/04/02	3420.41	43.86	3376.55
	09/03/02	3420.41	43.52	3376.89
	12/02/02	3420.41	43.47	3376.94
	01/30/03	3420.41	43.68	3376.73
	03/28/03	3420.41	43.49	3376.92
	05/19/03	3420.41	43.58	3376.83
	09/08/03	3420.41	43.69	3376.72
	12/02/03	3420.41	43.65	3376.76
	03/30/04	3420.41	43.90	3376.51
	06/07/04	3420.41	43.88	3376.53
	09/16/04	3420.41	43.49	3376.92
	11/29/04	3420.41	43.06	3377.35
	03/31/05	3420.41	42.59	3377.82
	05/23/05	3420.41	42.55	3377.86
	01/17/06	3420.41	41.72	3378.69
	06/19/06	3420.41	41.59	3378.82
	04/06/07	3420.41	41.45	3378.96
	03/19/08	3420.41	41.35	3379.06
	03/11/09	3420.41	41.89	3378.52
MW045	04/04/02	3425.53	48.57	3376.96
	09/03/02	3425.53	48.15	3377.38
	12/02/02	3425.53	47.94	3377.59
	01/31/03	3425.53	48.08	3377.45
	03/28/03	3425.53	48.31	3377.22
	05/19/03	3425.53	48.11	3377.42
	09/09/03	3425.53	48.34	3377.19
	12/03/03	3425.53	48.37	3377.16
	03/30/04	3425.53	48.44	3377.09
	06/07/04	3425.53	48.61	3376.92
	09/17/04	3425.53	48.10	3377.43
	11/30/04	3425.53	47.60	3377.93
	03/31/05	3425.53	47.05	3378.48
	05/23/05	3425.53	46.98	3378.55
	01/17/06	3425.53	46.36	3379.17
	06/19/06	3425.53	45.87	3379.66
	04/02/07	3425.53	45.66	3379.87
	04/17/07	3425.53	45.73	3379.80
	03/18/08	3425.53	45.74	3379.79
	03/10/09	3425.53	46.16	3379.37
MW046	04/04/02	3426.81	49.93	3376.88
	09/03/02	3426.81	49.37	3377.44
	12/02/02	3426.81	49.17	3377.64
	01/31/03	3426.81	49.33	3377.48
	03/28/03	3426.81	49.66	3377.15
	05/19/03	3426.81	49.35	3377.46
	09/09/03	3426.81	49.67	3377.14
	12/03/03	3426.81	49.75	3377.06
	03/30/04	3426.81	49.82	3376.99
	06/07/04	3426.81	50.05	3376.76
	09/17/04	3426.81	49.33	3377.48
	11/30/04	3426.81	48.99	3377.82
	03/31/05	3426.81	48.36	3378.45
	05/23/05	3426.81	48.18	3378.63
	01/17/06	3426.81	47.34	3379.47
	06/19/06	3426.81	46.87	3379.94
	04/19/07	3426.81	46.75	3380.06
	03/18/08	3426.81	46.84	3379.97
	03/11/09	3426.81	47.33	3379.48
MW047	04/04/02	3427.65	49.54	3378.11
	09/03/02	3427.65	49.40	3378.25
	12/02/02	3427.65	49.16	3378.49
	01/31/03	3427.65	49.22	3378.43
	03/28/03	3427.65	49.29	3378.36
	05/19/03	3427.65	49.21	3378.44
	09/09/03	3427.65	49.36	3378.29
	12/03/03	3427.65	49.38	3378.27
	03/30/04	3427.65	49.50	3378.15
	06/07/04	3427.65	49.43	3378.22
	09/17/04	3427.65	49.20	3378.45
	11/30/04	3427.65	48.66	3378.99
	03/31/05	3427.65	47.98	3379.67
	05/23/05	3427.65	47.90	3379.75
	01/17/06	3427.65	47.38	3380.27
	06/19/06	3427.65	47.12	3380.53
	04/16/07	3427.65	46.73	3380.92
	03/19/08	3427.65	46.84	3380.81
	03/11/09	NG	NG	NG

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW058	01/31/03	3437.13	58.49	3378.64
	03/27/03	3437.13	58.49	3378.64
	05/19/03	3437.13	58.52	3378.61
	09/09/03	3437.13	58.57	3378.56
	12/02/03	3437.13	58.44	3378.69
	03/30/04	3437.13	58.51	3378.62
	06/07/04	3437.13	58.50	3378.63
	09/16/04	3437.13	58.42	3378.71
	11/29/04	3437.13	58.43	3378.70
	03/31/05	3437.13	59.08	3378.05
	05/23/05	3437.13	57.84	3379.29
	01/17/06	3437.13	57.43	3379.70
	06/14/06	3437.13	57.10	3380.03
	04/23/07	3437.13	56.20	3380.93
	09/13/07	3437.13	56.58	3380.55
	03/19/08	3437.13	56.46	3380.67
	08/04/08	3437.13	56.47	3380.66
	03/11/09	3437.13	56.52	3380.61
	07/29/09	3437.13	56.56	3380.57
MW059	01/31/03	3442.22	63.28	3378.94
	03/28/03	3442.22	63.23	3378.99
	05/19/03	3442.22	63.15	3379.07
	09/09/03	3442.22	63.15	3379.07
	12/02/03	3442.22	63.05	3379.17
	03/30/04	3442.22	63.06	3379.16
	06/07/04	3442.22	63.00	3379.22
	09/17/04	3442.22	63.03	3379.19
	11/30/04	3442.22	62.96	3379.26
	03/31/05	3442.22	62.75	3379.47
	05/23/05	3442.22	62.51	3379.71
	01/17/06	3442.22	62.28	3379.94
	06/14/06	3442.22	61.96	3380.26
	Date Missing	3442.22	61.61	3380.61
	09/11/07	3442.22	61.39	3380.83
	03/19/08	3442.22	61.30	3380.92
	08/04/08	3442.22	61.20	3381.02
	03/11/09	3442.22	61.33	3380.89
	07/29/09	3442.22	61.32	3380.90
MW060	01/08/03	3437.70	58.62	3379.08
	01/30/03	3437.70	58.38	3379.32
	03/28/03	3437.70	58.45	3379.25
	05/19/03	3437.70	58.39	3379.31
	09/09/03	3437.70	58.34	3379.36
	12/02/03	3437.70	58.15	3379.55
	03/30/04	3437.70	58.20	3379.50
	06/07/04	3437.70	58.19	3379.51
	09/16/04	3437.70	58.12	3379.58
	11/29/04	3437.70	58.11	3379.59
	03/31/05	3437.70	57.79	3379.91
	05/23/05	3437.70	57.63	3380.07
	01/17/06	3437.70	57.33	3380.37
	06/16/06	3437.70	57.13	3380.57
	03/28/07	3437.70	56.80	3380.90
	09/13/07	3437.70	56.57	3381.13
	03/18/08	3437.70	56.46	3381.24
	08/04/08	3437.70	56.57	3381.13
	03/10/09	3437.70	66.55	3371.15
	07/28/09	3437.70	56.60	3381.10
MW061	01/08/03	3439.86	60.23	3379.63
	03/27/03	3439.86	60.20	3379.66
	05/19/03	3439.86	60.26	3379.60
	09/09/03	3439.86	60.18	3379.68
	12/02/03	3439.86	60.00	3379.86
	03/30/04	3439.86	60.12	3379.74
	06/07/04	3439.86	60.06	3379.80
	09/16/04	3439.86	59.93	3379.93
	11/29/04	3439.86	59.84	3380.02
	03/31/05	3439.86	59.52	3380.34
	05/23/05	3439.86	59.32	3380.54
	01/17/06	3439.86	58.90	3380.96
	06/15/06	3439.86	58.81	3381.05
	04/18/07	3439.86	58.54	3381.32
	09/20/07	3439.86	58.39	3381.47
	03/18/08	3439.86	58.34	3381.52
	08/04/08	3439.86	58.55	3381.31
	03/11/09	3439.86	58.59	3381.27
	07/29/09	3439.86	58.65	3381.21

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW068	03/27/03	3448.08	67.61	3380.47
	05/19/03	3448.08	68.70	3379.38
	09/09/03	3448.08	68.67	3379.41
	12/02/03	3448.08	68.51	3379.57
	03/30/04	3448.08	68.52	3379.56
	06/07/04	3448.08	68.45	3379.63
	09/16/04	3448.18	68.30	3379.88
	11/29/04	3448.08	68.19	3379.89
	03/31/05	3448.08	67.90	3380.18
	05/23/05	3448.08	67.78	3380.30
	01/17/06	3448.08	67.40	3380.68
	06/14/06	3448.08	67.30	3380.78
	03/22/07	3448.08	67.04	3381.04
	09/06/07	3448.08	66.78	3381.30
	03/18/08	3448.08	66.80	3381.28
	08/04/08	3448.08	67.09	3380.99
	03/10/09	3448.08	66.94	3381.14
	07/28/09	3448.08	67.02	3381.06
MW069	03/27/03	3444.07	64.89	3379.18
	05/19/03	3444.07	64.83	3379.24
	09/09/03	3444.07	64.79	3379.28
	12/02/03	3444.07	64.63	3379.44
	03/30/04	3444.07	64.65	3379.42
	06/07/04	3444.07	64.63	3379.44
	09/16/04	3444.07	64.60	3379.47
	11/29/04	3444.07	64.51	3379.56
	03/31/05	3444.07	64.24	3379.83
	05/23/05	3444.07	64.08	3379.99
	01/17/06	3444.07	63.82	3380.25
	06/14/06	3444.07	63.66	3380.41
	03/22/09	3444.07	63.39	3380.68
	09/06/07	3444.07	63.16	3380.91
	03/18/08	3444.07	63.17	3380.90
	08/04/08	3444.07	63.10	3380.97
	03/10/09	3444.07	62.99	3381.08
	07/28/09	3444.07	63.09	3380.98
MW070	03/27/03	3439.68	61.00	3378.68
	05/19/03	3439.68	61.03	3378.65
	09/09/03	3439.68	61.02	3378.66
	12/02/03	3439.68	60.93	3378.75
	03/30/04	3439.68	61.02	3378.66
	06/07/04	3439.68	60.94	3378.74
	09/16/04	3439.68	60.90	3378.78
	11/29/04	3439.68	60.91	3378.77
	03/31/05	3439.68	60.72	3378.96
	05/23/05	3439.68	60.52	3379.16
	01/17/06	3439.68	60.20	3379.48
	06/14/06	3439.68	59.88	3379.80
	03/29/07	3439.68	59.47	3380.21
	09/10/07	3439.68	59.25	3380.43
	03/18/08	3439.68	59.18	3380.50
	08/04/08	3439.68	59.09	3380.59
	03/10/09	3439.68	59.11	3380.57
	07/28/09	3439.68	59.10	3380.58
MW088M	09/24/04	3430.63	50.65	3379.98
	03/31/05	3430.63	50.61	3380.02
	05/23/05	3430.63	50.25	3380.38
	01/16/06	3430.63	49.90	3380.73
	06/19/06	3430.63	49.67	3380.96
	04/05/07	3430.63	49.25	3381.38
	03/21/08	3430.63	49.00	3381.63
	03/11/09	3430.63	49.30	3381.33
RW002	01/21/02	3431.66	52.98	3378.68
	04/04/02	3431.66	53.05	3378.61
	09/03/02	3431.66	52.95	3378.71
	12/02/02	3431.66	52.81	3378.85
	01/30/03	3431.66	52.75	3378.91
	03/28/03	3431.66	52.76	3378.90
	05/19/03	3431.66	52.73	3378.93
	09/09/03	3431.66	52.72	3378.94
	12/03/03	3431.66	52.66	3379.00
	03/30/04	3431.66	52.77	3378.89
	06/07/04	3431.66	52.77	3378.89
	11/29/04	3431.66	52.34	3379.32
	03/31/05	3431.66	51.05	3380.61
	05/23/05	3431.66	51.77	3379.89
	01/16/06	3431.66	51.35	3380.31
	06/19/06	3431.66	51.11	3380.55
	03/29/07	3431.66	50.60	3381.06
	03/24/08	3431.66	50.45	3381.21
	03/11/09	3431.66	50.70	3380.96

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
RW003	01/21/02	3429.82	50.75	3379.07
	04/04/02	3429.82	50.78	3379.04
	09/03/02	3429.82	50.75	3379.07
	12/02/02	3429.82	50.56	3379.26
	01/30/03	3429.82	50.45	3379.37
	03/28/03	3429.82	50.55	3379.27
	05/19/03	3429.82	50.49	3379.33
	09/09/03	3429.82	50.40	3379.42
	12/03/03	3429.82	50.34	3379.48
	03/30/04	3429.82	50.53	3379.29
	06/07/04	3429.82	50.43	3379.39
	11/30/04	3429.82	50.13	3379.69
	03/31/05	3429.82	49.90	3379.92
	05/23/05	3429.82	49.55	3380.27
	01/16/06	3429.82	49.20	3380.62
	06/19/06	3429.82	48.95	3380.87
	04/02/07	3429.82	48.53	3381.29
	03/19/08	3429.82	48.30	3381.52
	03/11/09	3429.82	48.58	3381.24
IW001	08/01/02	3431.91	53.19	3378.72
	12/02/02	3431.91	52.90	3379.01
	01/30/03	3431.91	52.85	3379.06
	03/28/03	3431.91	52.94	3378.97
	05/19/03	3431.91	50.91	3381.00
	09/09/03	3431.91	52.62	3379.29
	12/03/03	3431.91	53.03	3378.88
	03/30/04	3431.91	52.98	3378.93
	06/07/04	3431.91	53.93	3377.98
	11/30/04	3431.91	53.04	3378.87
	03/31/05	3431.91	53.62	3378.29
	05/23/05	3431.91	52.58	3379.33
	01/18/06	3431.91	49.50	3382.41
	06/19/06	3431.91	51.28	3380.63
	04/16/07	3431.91	48.85	3383.06
	03/24/08	3431.91	50.70	3381.21
	03/10/09	3431.91	48.98	3382.93
IW002	09/03/02	3430.33	53.14	3377.19
	12/02/02	3430.33	50.99	3379.34
	01/30/03	3430.33	50.88	3379.45
	03/28/03	3430.33	50.99	3379.34
	05/19/03	3430.33	50.88	3379.45
	09/09/03	3430.33	51.46	3378.87
	12/03/03	3430.33	50.94	3379.39
	03/30/04	3431.00	51.62	3379.38
	06/07/04	3431.00	51.61	3379.39
	11/30/04	3431.00	51.34	3379.66
	03/31/05	3431.00	51.54	3379.46
	05/23/05	3431.00	51.36	3379.64
	01/18/06	3431.00	47.48	3383.52
	06/19/06	3431.00	48.71	3382.29
	04/11/07	3431.00	47.05	3383.95
	03/21/08	3431.00	46.19	3384.81
	03/10/09	3431.00	46.99	3384.01

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
		Deep Zone Wells		
MW002A	01/07/03	3432.31	54.03	3378.28
	01/30/03	3432.31	53.89	3378.42
	03/28/03	3432.31	54.11	3378.20
	05/19/03	3432.31	53.99	3378.32
	09/09/03	3432.31	54.12	3378.19
	12/02/03	3432.31	53.97	3378.34
	03/30/04	3432.31	54.20	3378.11
	06/07/04	3432.31	54.21	3378.10
	09/17/04	3432.31	53.93	3378.38
	11/30/04	3432.31	53.74	3378.57
	03/31/05	3432.31	53.36	3378.95
	05/23/05	3432.31	53.08	3379.23
	01/17/06	3432.31	52.56	3379.75
	06/19/06	3432.31	52.18	3380.13
	04/12/07	3432.31	51.80	3380.51
	09/01/07	3432.31	NS	NS
	03/19/08	3432.31	51.72	3380.59
	03/11/09	3432.31	51.89	3380.42
MW004A	12/18/97	3423.57	48.00	3375.57
	11/16/99	3423.57	*47.00	3376.57
	05/15/01	3423.57	46.31	3377.26
	08/23/01	3423.57	46.44	3377.13
	01/21/02	3423.57	46.44	3377.13
	04/04/02	3423.57	46.52	3377.05
	09/03/02	3423.57	46.49	3377.08
	12/02/02	3423.57	46.10	3377.47
	01/31/03	3423.57	46.16	3377.41
	03/28/03	3423.57	46.20	3377.37
	05/19/03	3423.57	46.21	3377.36
	09/09/03	3423.57	46.36	3377.21
	12/03/03	3423.57	46.38	3377.19
	03/30/04	3423.57	46.45	3377.12
	06/07/04	3423.57	46.66	3376.91
	09/17/04	3423.57	46.18	3377.39
	11/30/04	3423.57	45.62	3377.95
	03/31/05	3423.57	45.61	3377.96
	05/23/05	3423.57	45.19	3378.38
	01/18/06	3423.57	44.39	3379.18
	06/19/06	3423.57	44.21	3379.36
	04/16/07	3423.57	43.95	3379.62
	03/19/08	3423.57	43.98	3379.59
	03/11/09	3423.57	44.54	3379.03
MW007A	12/18/97	3428.13	49.37	3378.76
	11/16/99	3428.13	*50.22	3377.91
	05/15/01	3428.13	49.38	3378.75
	08/23/01	3428.13	49.72	3378.41
	01/21/02	3428.13	49.64	3378.49
	04/04/02	3428.13	49.74	3378.39
	09/03/02	3428.13	49.60	3378.53
	12/02/02	3428.13	49.32	3378.81
	01/31/03	3428.13	49.43	3378.70
	03/28/03	3428.13	49.43	3378.70
	05/19/03	3428.13	49.37	3378.76
	09/09/03	3428.13	49.43	3378.70
	12/03/03	3428.13	49.49	3378.64
	03/30/04	3428.13	49.60	3378.53
	06/07/04	3428.13	49.53	3378.60
	09/17/04	3428.13	49.22	3378.91
	01/17/06	3428.13	47.66	3380.47
	06/19/06	3428.13	47.50	3380.63
	04/16/07	3428.13	47.11	3381.02
	03/19/08	3428.13	47.12	3381.01
	03/11/09	3428.13	47.64	3380.49
MW008A	12/18/97	3430.01	50.81	3379.20
	11/16/99	3430.01	*52.16	3377.85
	05/15/01	3430.01	51.34	3378.67
	08/23/01	3430.01	51.64	3378.37
	01/21/02	3430.01	51.49	3378.52
	04/04/02	3430.01	51.53	3378.48
	09/03/02	3430.01	51.41	3378.60
	12/02/02	3430.01	51.16	3378.85
	01/31/03	3430.01	51.24	3378.77
	03/28/03	3430.01	51.25	3378.76
	05/19/03	3430.01	51.21	3378.80
	09/09/03	3430.01	51.26	3378.75
	12/03/03	3430.01	51.21	3378.80
	03/30/04	3430.01	51.29	3378.72
	06/07/04	3430.01	51.32	3378.69
	11/30/04	3430.01	50.68	3379.33
	03/31/05	3430.01	50.24	3379.77
	05/23/05	3430.01	50.12	3379.89
	01/17/06	3430.01	49.58	3380.43
	06/19/06	3430.01	49.41	3380.60
	04/03/07	3430.01	48.48	3381.53
	03/24/08	3430.01	49.12	3380.89
	03/11/09	3430.01	49.18	3380.83

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW009A	12/18/97	3427.48	49.03	3378.45
	11/16/99	3427.48	*50.22	3377.26
	05/15/01	3427.48	49.42	3378.06
	08/23/01	3427.48	49.64	3377.84
	01/21/02	3427.48	49.68	3377.80
	04/04/02	3427.48	49.78	3377.70
	09/03/02	3427.48	49.55	3377.93
	12/02/02	3427.48	49.40	3378.08
	01/31/03	3427.48	49.45	3378.03
	03/28/03	3427.48	49.44	3378.04
	05/19/03	3427.48	49.43	3378.05
	09/09/03	3427.48	49.52	3377.96
	12/03/03	3427.48	49.63	3377.85
	03/30/04	3427.48	49.73	3377.75
	06/07/04	3427.48	49.65	3377.83
	09/17/04	3427.48	49.48	3378.00
	11/30/04	3427.48	48.91	3378.57
	03/31/05	3427.48	48.42	3379.06
	05/23/05	3427.48	48.33	3379.15
	01/17/06	3427.48	47.73	3379.75
	06/19/06	3427.48	47.52	3379.96
	04/04/07	3427.48	47.31	3380.17
	03/19/08	3427.48	47.29	3380.19
	03/11/09	3427.48	47.73	3379.75
MW011A	12/18/97	3431.77	51.49	3380.28
	11/16/99	3431.77	*53.49	3378.28
	05/15/01	3431.77	53.07	3378.70
	08/23/01	3431.77	53.20	3378.57
	01/21/02	3431.77	53.04	3378.73
	04/04/02	3431.77	53.13	3378.64
	09/03/02	3431.77	53.01	3378.76
	12/02/02	3431.77	52.76	3379.01
	01/30/03	3431.77	52.72	3379.05
	03/28/03	3431.77	52.85	3378.92
	05/19/03	3431.77	52.78	3378.99
	09/09/03	3431.77	52.82	3378.95
	12/03/03	3431.77	52.83	3378.94
	03/30/04	3431.77	53.04	3378.73
	06/07/04	3431.77	53.03	3378.74
	11/30/04	3431.77	53.03	3378.74
	03/31/05	3431.77	52.18	3379.59
	05/23/05	3431.77	51.94	3379.83
	01/16/06	3431.77	51.45	3380.32
	06/19/06	3431.77	51.25	3380.52
	03/29/07	3431.77	50.88	3380.89
	03/24/08	3431.77	50.69	3381.08
	03/11/09	3431.77	50.94	3380.83
MW012A	12/18/97	3429.92	49.73	3380.19
	11/16/99	3429.92	*51.50	3378.42
	05/15/01	3429.92	50.83	3379.09
	08/23/01	3429.92	50.89	3379.03
	01/21/02	3429.92	50.84	3379.08
	04/05/02	3429.92	50.90	3379.02
	09/03/02	3429.92	50.80	3379.12
	12/02/02	3429.92	50.65	3379.27
	01/30/03	3429.92	50.55	3379.37
	03/28/03	3429.92	50.66	3379.26
	05/19/03	3429.92	50.63	3379.29
	09/09/03	3429.92	50.52	3379.40
	12/03/03	3429.92	50.51	3379.41
	03/30/04	3429.92	50.67	3379.25
	06/07/04	3429.92	50.52	3379.40
	11/30/04	3429.92	50.28	3379.64
	03/31/05	3429.92	49.97	3379.95
	05/23/05	3429.92	49.77	3380.15
	01/16/06	3429.92	49.13	3380.79
	06/19/06	3429.92	49.00	3380.92
	04/02/07	3429.92	48.35	3381.57
	03/21/08	3429.92	48.37	3381.55
	03/11/09	3429.92	48.65	3381.27

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW013A	12/18/97	3424.25	46.84	3377.41
	11/16/99	3424.25	*45.79	3378.46
	05/15/01	3424.25	45.06	3379.19
	08/23/01	3424.25	45.22	3379.03
	01/21/02	3424.25	45.17	3379.08
	04/05/02	3424.25	45.23	3379.02
	09/03/02	3424.25	45.15	3379.10
	12/02/02	3424.25	44.94	3379.31
	01/30/03	3424.25	44.80	3379.45
	03/28/03	3424.25	44.96	3379.29
	05/19/03	3424.25	44.91	3379.34
	09/09/03	3424.25	44.89	3379.36
	12/02/03	3424.25	44.78	3379.47
	03/30/04	3424.25	45.01	3379.24
	06/07/04	3424.25	44.96	3379.29
	09/17/04	3424.25	44.80	3379.45
	11/30/04	3424.25	44.56	3379.69
	03/31/05	3424.25	44.06	3380.19
	05/23/05	3424.25	43.82	3380.43
	01/16/06	3424.25	43.42	3380.83
	06/16/06	3424.25	43.19	3381.06
	04/16/07	3424.25	42.81	3381.44
	09/20/07	3424.25	42.62	3381.63
	03/19/08	3424.25	42.68	3381.57
	08/04/08	3424.25	42.44	3381.81
	03/10/09	3424.25	43.05	3381.20
	07/29/09	3424.25	43.30	3380.95
MW014A	12/18/97	3423.93	45.93	3378.00
	11/16/99	3423.93	44.89	3379.01
	05/15/01	3423.93	44.40	3379.53
	08/23/01	3423.93	44.27	3379.66
	01/21/02	3423.93	44.25	3379.68
	04/05/02	3423.93	44.37	3379.56
	09/03/02	3423.93	44.20	3379.73
	12/02/02	3423.93	43.99	3379.94
	01/30/03	3423.93	43.95	3379.98
	03/28/03	3423.93	44.16	3379.77
	05/19/03	3423.93	44.01	3379.92
	09/09/03	3423.93	43.93	3380.00
	12/02/03	3423.93	43.96	3379.97
	03/30/04	3423.93	44.05	3379.88
	06/07/04	3423.93	43.98	3379.95
	09/16/04	3423.93	43.89	3380.04
	11/30/04	3423.93	43.71	3380.22
	03/31/05	3423.93	43.30	3380.63
	05/23/05	3423.93	43.04	3380.89
	01/17/06	3423.93	42.65	3381.28
	06/16/06	3423.93	42.49	3381.44
	03/21/07	3423.93	42.15	3381.78
	09/12/07	3423.93	41.92	3382.01
	03/18/08	3423.93	41.31	3382.62
	03/10/09	3423.93	42.33	3381.60
	07/28/09	3423.93	42.65	3381.28
MW015A	12/18/97	3420.55	42.50	3378.05
	11/16/99	3420.55	41.33	3379.22
	05/15/01	3420.55	40.69	3379.86
	08/23/01	3420.55	40.71	3379.84
	01/21/02	3420.55	40.72	3379.83
	04/04/02	3420.55	40.89	3379.66
	09/03/02	3420.55	40.66	3379.89
	12/02/02	3420.55	40.43	3380.12
	01/30/03	3420.55	40.30	3380.25
	03/28/03	3420.55	40.54	3380.01
	05/19/03	3420.55	40.52	3380.03
	09/08/03	3420.55	40.49	3380.06
	12/02/03	3420.55	40.42	3380.13
	03/30/04	3420.55	40.72	3379.83
	06/07/04	3420.55	40.61	3379.94
	09/16/04	3420.55	40.44	3380.11
	11/30/04	3420.55	40.21	3380.34
	03/31/05	3420.55	39.70	3380.85
	05/23/05	3420.55	39.50	3381.05
	01/17/06	3420.55	39.17	3381.38
	06/16/06	3420.55	39.03	3381.52
	03/22/07	3420.55	38.74	3381.81
	09/13/07	3420.55	38.42	3382.13
	03/18/08	3420.55	38.63	3381.92
	08/04/08	3420.55	38.91	3381.64
	03/10/09	3420.55	39.05	3381.50
	07/28/09	3420.55	39.28	3381.27

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW016A	12/18/97	3419.92	41.98	3377.94
	11/16/99	3419.92	40.80	3379.12
	05/15/01	3419.92	40.34	3379.58
	08/23/01	3419.92	40.21	3379.71
	01/21/02	3419.92	40.33	3379.59
	04/04/02	3419.92	40.51	3379.41
	09/03/02	3419.92	40.16	3379.76
	12/02/02	3419.92	39.90	3380.02
	01/30/03	3419.92	39.89	3380.03
	03/28/03	3419.92	40.05	3379.87
	05/19/03	3419.92	40.15	3379.77
	09/08/03	3419.92	40.11	3379.81
	12/02/03	3419.92	40.17	3379.75
	03/30/04	3419.92	40.43	3379.49
	06/07/04	3419.92	40.26	3379.66
	09/16/04	3419.92	39.98	3379.94
	11/30/04	3419.92	39.53	3380.39
	03/31/05	3419.92	39.05	3380.87
	05/23/05	3419.92	38.96	3380.96
	01/17/06	3419.92	38.53	3381.39
	06/16/06	3419.92	38.62	3381.30
	03/22/07	3419.92	38.32	3381.60
	09/12/07	3419.92	37.98	3381.94
	03/18/08	3419.92	38.29	3381.63
	08/04/08	3419.92	38.58	3381.34
	03/10/09	3419.92	38.75	3381.17
	07/28/09	3419.92	38.96	3380.96
MW017A	12/18/97	3424.38	46.05	3378.33
	11/16/99	3424.38	45.12	3379.26
	05/15/01	3424.38	44.53	3379.85
	08/23/01	3424.38	44.49	3379.89
	01/21/02	3424.38	44.42	3379.96
	04/04/02	3424.38	44.58	3379.80
	09/03/02	3424.38	44.38	3380.00
	12/02/02	3424.38	44.15	3380.23
	01/30/03	3424.38	44.10	3380.28
	03/28/03	3424.38	44.23	3380.15
	05/19/03	3424.38	44.19	3380.19
	09/08/03	3424.38	44.13	3380.25
	12/02/03	3424.38	44.07	3380.31
	03/30/04	3424.38	44.26	3380.12
	06/07/04	3424.38	44.21	3380.17
	09/16/04	3424.38	44.14	3380.24
	11/30/04	3424.38	43.89	3380.49
	03/31/05	3424.38	43.44	3380.94
	05/23/05	3424.28	43.24	3381.04
	01/17/06	3424.28	42.80	3381.48
	06/16/06	3424.28	42.69	3381.59
	03/21/07	3424.28	42.42	3381.86
	09/13/07	3424.28	42.13	3382.15
	03/21/08	3424.28	42.42	3381.86
	09/13/08	3424.28	42.13	3382.15
	Plugged and Abandoned			
MW018A	12/18/97	3416.86	39.16	3377.70
	11/16/99	3416.86	37.52	3379.34
	05/15/01	3416.86	37.62	3379.24
	08/23/01	3416.86	37.55	3379.31
	01/21/02	3416.86	37.62	3379.24
	04/04/02	3416.86	37.89	3378.97
	09/03/02	3416.86	37.03	3379.83
	12/02/02	3416.86	37.01	3379.85
	01/30/03	3416.86	37.12	3379.74
	03/28/03	3416.86	37.38	3379.48
	05/19/03	3416.86	37.54	3379.32
	09/08/03	3416.86	37.51	3379.35
	12/02/03	3416.86	37.65	3379.21
	03/30/04	3416.86	38.01	3378.85
	06/07/04	3416.86	37.56	3379.30
	09/16/04	3416.86	37.20	3379.66
	11/29/04	3416.86	36.11	3380.75
	03/31/05	3416.86	35.99	3380.87
	05/23/05	3416.86	35.86	3381.00
	01/17/06	3416.86	35.78	3381.08
	06/16/06	3416.86	36.01	3380.85
	04/02/07	3416.86	35.65	3381.21
	09/12/07	3416.86	35.51	3381.35
	03/18/08	3416.86	35.88	3380.98
	03/10/09	3416.86	36.29	3380.57
	07/28/09	3416.86	36.49	3380.37

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW019A	12/18/97	3414.74	39.83	3374.91
	11/16/99	3414.74	38.12	3376.62
	05/15/01	3414.74	38.02	3376.72
	08/23/01	3414.74	37.62	3377.12
	01/21/02	3414.74	37.92	3376.82
	04/04/02	3414.74	38.15	3376.59
	09/03/02	3414.74	37.40	3377.34
	12/02/02	3414.74	37.46	3377.28
	01/30/03	3414.74	37.61	3377.13
	03/28/03	3414.74	37.79	3376.95
	05/19/03	3414.74	37.91	3376.83
	09/08/03	3414.74	38.06	3376.68
	12/02/03	3414.74	38.22	3376.52
	03/30/04	3414.74	38.41	3376.33
	06/07/04	3414.74	37.93	3376.81
	09/16/04	3414.74	37.82	3376.92
	11/29/04	3414.74	36.70	3378.04
	03/31/05	3414.74	36.35	3378.39
	05/23/05	3414.74	36.62	3378.12
	01/17/06	3414.74	36.37	3378.37
	06/16/06	3414.74	36.61	3378.13
	04/04/07	3414.74	36.30	3378.44
	09/13/07	3414.74	35.96	3378.78
	03/18/08	3414.74	36.50	3378.24
	08/04/08	3414.74	36.82	3377.92
	03/10/09	3414.74	36.74	3378.00
	07/28/09	3414.74	37.00	3377.74
MW020A	11/16/99	3421.14	44.70	3376.44
	02/06/02	3421.14	44.14	3377.00
	09/03/02	3421.14	43.98	3377.16
	12/09/02	3421.14	44.06	3377.08
	01/30/03	3421.14	43.98	3377.16
	03/28/03	3421.14	44.05	3377.09
	06/05/03	3421.14	44.44	3376.70
	01/22/04	3421.14	44.68	3376.46
	03/30/04	3421.14	44.59	3376.55
	06/07/04	3421.14	44.33	3376.81
	09/17/04	3421.14	44.15	3376.99
	11/29/04	3421.14	43.75	3377.39
	04/01/05	3421.14	43.24	3377.90
	05/23/05	3421.14	43.16	3377.98
	01/17/06	3421.14	42.87	3378.27
	06/16/06	3421.14	42.74	3378.40
	04/04/07	3421.14	42.40	3378.74
	03/18/08	3421.14	42.41	3378.73
	08/04/08	3421.14	42.76	3378.38
	03/10/09	3421.14	42.85	3378.29
	07/28/09	3421.14	43.08	3378.06
MW021A	11/16/99	3422.94	48.41	3374.53
	05/15/01	3422.94	47.57	3375.37
	08/23/01	3422.94	47.98	3374.96
	01/21/02	3422.94	47.83	3375.11
	04/04/02	3422.94	47.98	3374.96
	09/03/02	3422.94	48.07	3374.87
	12/02/02	3422.94	47.63	3375.31
	01/30/03	3422.94	47.61	3375.33
	03/28/03	3422.94	47.71	3375.23
	05/19/03	3422.94	47.96	3374.98
	09/08/03	3422.94	48.01	3374.93
	01/21/04	3422.94	48.73	3374.21
	03/30/04	3422.94	47.94	3375.00
	06/07/04	3422.94	48.28	3374.66
	09/14/04	3422.94	47.95	3374.99
	11/29/04	3422.94	47.35	3375.59
	03/31/05	3422.94	46.93	3376.01
	05/23/05	3422.94	47.04	3375.90
	01/18/06	3422.94	46.34	3376.60
	06/14/06	3422.94	46.35	3376.59
	04/09/07	3422.94	45.80	3377.14
	09/18/07	3422.94	45.09	3377.85
	03/19/08	3422.94	45.08	3377.86
	8/4/080	3422.94	45.49	3377.45
	03/10/09	3422.94	46.28	3376.66
	07/28/09	3422.94	46.46	3376.48

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW022A	11/16/99	3431.13	57.29	3373.84
	05/15/01	3431.13	53.35	3377.78
	08/23/01	3431.13	53.96	3377.17
	01/21/02	3431.13	53.75	3377.38
	04/04/02	3431.13	66.00	3365.13
	09/03/02	3431.13	52.96	3378.17
	12/02/02	3431.13	52.95	3378.18
	01/31/03	3431.13	53.25	3377.88
	03/28/03	3431.13	53.58	3377.55
	05/19/03	3431.13	53.26	3377.87
	09/09/03	3431.13	66.99	3364.14
	12/03/03	3431.13	66.97	3364.16
	03/30/04	3431.13	64.08	3367.05
	06/07/04	3431.13	61.36	3369.77
	09/17/04	3431.13	53.22	3377.91
	11/30/04	3431.13	54.56	3376.57
	03/31/05	3431.13	52.44	3378.69
	05/23/05	3431.13	52.30	3378.83
	01/16/06	3431.13	52.56	3378.57
	06/19/06	3431.13	47.04	3384.09
	03/30/07	3431.13	50.80	3380.33
	09/13/07	3431.13	50.84	3380.29
	03/18/08	3431.13	50.78	3380.35
	08/04/08	3431.13	51.02	3380.11
	03/10/09	3431.13	51.09	3380.04
	07/28/09	3431.13	51.20	3379.93
MW023A	01/09/03	3436.26	57.70	3378.56
	01/30/03	3436.26	57.23	3379.03
	03/28/03	3436.26	57.33	3378.93
	05/19/03	3436.26	57.25	3379.01
	09/09/03	3436.26	53.23	3383.03
	12/02/03	3436.26	57.23	3379.03
	03/30/04	3436.26	57.25	3379.01
	06/07/04	3436.26	57.35	3378.91
	09/17/04	3436.26	57.14	3379.12
	11/30/04	3436.26	57.11	3379.15
	03/31/05	3436.26	56.62	3379.64
	05/23/05	3436.26	56.46	3379.80
	01/17/06	3436.26	56.09	3380.17
	06/14/06	3436.26	55.80	3380.46
	03/29/07	3436.26	53.38	3382.88
	09/11/07	3436.26	55.29	3380.97
	03/18/08	3436.26	55.11	3381.15
	08/04/08	3436.26	55.18	3381.08
	03/10/09	3436.26	55.22	3381.04
	07/28/09	3436.26	55.32	3380.94
MW024A	11/16/99	3430.77	54.30	3376.47
	05/15/01	3430.77	53.32	3377.45
	08/23/01	3430.77	53.86	3376.91
	02/06/02	3430.77	53.42	3377.35
	09/03/02	3430.77	53.26	3377.51
	12/02/02	3430.77	53.03	3377.74
	01/29/03	3430.77	53.11	3377.66
	03/27/03	3430.77	53.31	3377.46
	05/19/03	3430.77	53.22	3377.55
	09/09/03	3430.77	53.73	3377.04
	12/02/03	3430.77	53.69	3377.08
	03/30/04	3430.77	53.87	3376.90
	06/07/04	3430.77	53.89	3376.88
	09/16/04	3430.77	53.11	3377.66
	11/29/04	3430.77	53.04	3377.73
	03/31/05	3430.77	52.50	3378.27
	05/23/05	3430.77	52.26	3378.51
	01/17/06	3430.77	51.43	3379.34
	06/14/06	3430.77	50.90	3379.87
	04/11/07	3430.77	50.82	3379.95
	09/18/07	3430.77	50.88	3379.89
	03/19/08	3430.77	50.88	3379.89
	08/04/08	3430.77	50.98	3379.79
	03/11/09	3430.77	51.15	3379.62
	07/29/09	3430.77	51.17	3379.60

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW039A	08/23/01	3435.71	57.85	3377.86
	01/21/02	3435.71	57.62	3378.09
	04/04/02	3435.71	57.71	3378.00
	09/03/02	3435.71	57.47	3378.24
	12/02/02	3435.71	57.20	3378.51
	01/30/03	3435.71	57.20	3378.51
	03/28/03	3435.71	57.40	3378.31
	05/19/03	3435.71	57.27	3378.44
	09/09/03	3435.71	57.43	3378.28
	12/02/03	3435.71	57.32	3378.39
	03/30/04	3435.71	57.43	3378.28
	06/07/04	3435.71	57.52	3378.19
	09/17/04	3435.71	57.22	3378.49
	11/30/04	3435.71	57.00	3378.71
	03/31/05	3435.71	56.54	3379.17
	05/23/05	3435.71	56.29	3379.42
	01/16/06	3435.71	55.75	3379.96
	06/19/06	3435.71	55.41	3380.30
	04/12/07	3435.71	55.01	3380.70
	3/19/008	3435.71	54.88	3380.83
	03/11/09	3435.71	55.14	3380.57
MW040A	04/04/02	3422.92	43.70	3379.22
	09/03/02	3422.92	43.90	3379.02
	12/02/02	3422.92	43.71	3379.21
	01/31/03	3422.92	43.71	3379.21
	03/28/03	3422.92	43.71	3379.21
	05/19/03	3422.92	43.69	3379.23
	09/09/03	3422.92	43.69	3379.23
	12/02/03	3422.92	43.68	3379.24
	03/30/04	3422.92	43.84	3379.08
	06/07/04	3422.92	43.97	3378.95
	09/17/04	3422.92	43.70	3379.22
	11/30/04	3422.92	43.29	3379.63
	03/31/05	3422.92	32.79	3390.13
	05/23/05	3422.92	42.55	3380.37
	01/16/06	3422.92	42.40	3380.52
	06/16/06	3422.92	42.10	3380.82
	04/02/07	3422.92	41.61	3381.31
	09/11/07	3422.92	41.73	3381.19
	03/18/08	3422.92	41.51	3381.41
	08/04/08	3422.92	41.70	3381.22
	03/10/09	3422.92	41.96	3380.96
	07/28/09	3422.92	42.17	3380.75
MW041A	04/29/02	3418.42	43.22	3375.20
	05/07/02	3418.42	43.12	3375.30
	09/03/02	3418.42	43.30	3375.12
	12/02/02	3418.42	43.04	3375.38
	01/30/03	3418.42	43.19	3375.23
	03/28/03	3418.42	43.01	3375.41
	05/19/03	3418.42	43.08	3375.34
	09/08/03	3418.42	43.23	3375.19
	12/02/03	3418.42	43.23	3375.19
	03/30/04	3418.42	43.38	3375.04
	06/07/04	3418.42	43.33	3375.09
	09/16/04	3418.42	43.24	3375.18
	11/29/04	3418.42	42.97	3375.45
	03/31/05	3418.42	42.49	3375.93
	05/23/05	3418.42	42.35	3376.07
	01/17/06	3418.42	41.90	3376.52
	06/16/06	3418.42	41.57	3376.85
	04/17/07	3418.42	41.25	3377.17
	03/19/08	3418.42	41.20	3377.22
	03/11/09	3418.42	41.70	3376.72
MW042A	08/23/01	3424.75	46.26	3378.49
	01/21/02	3424.75	48.30	3376.45
	04/04/02	3424.75	48.17	3376.58
	09/03/02	3424.75	47.86	3376.89
	12/02/02	3424.75	47.75	3377.00
	01/31/03	3424.75	47.65	3377.10
	03/28/03	3424.75	47.84	3376.91
	05/19/03	3424.75	47.84	3376.91
	09/09/03	3424.75	48.04	3376.71
	12/03/03	3424.75	48.00	3376.75
	03/30/04	3424.75	48.31	3376.44
	06/07/04	3424.75	48.42	3376.33
	09/17/04	3424.75	48.58	3376.17
	11/29/04	3424.75	47.24	3377.51
	03/31/05	3424.75	47.30	3377.45
	05/23/05	3424.75	47.05	3377.70
	01/17/06	3424.75	46.02	3378.73
	06/19/06	3424.75	45.90	3378.85
	04/17/07	3424.75	45.59	3379.16
	03/19/08	3424.75	45.71	3379.04
	03/11/09	3424.75	46.15	3378.60

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW046A	01/07/03	3426.45	50.09	3376.36
	01/31/03	3426.45	48.81	3377.64
	03/28/03	3426.45	49.06	3377.39
	05/19/03	3426.45	48.88	3377.57
	09/09/03	3426.45	50.48	3375.97
	12/03/03	3426.45	50.54	3375.91
	03/30/04	3426.45	50.33	3376.12
	06/07/04	3426.45	50.20	3376.25
	09/17/04	3426.45	48.83	3377.62
	11/30/04	3426.45	48.66	3377.79
	03/31/05	3426.45	47.92	3378.53
	05/23/05	3426.45	47.75	3378.70
	01/17/06	3426.45	46.55	3379.90
	06/19/06	3426.45	46.12	3380.33
	04/17/07	3426.45	46.35	3380.10
	03/19/08	3426.45	46.39	3380.06
	03/11/09	3426.45	46.78	3379.67
MW048SA	08/01/02	3421.10	46.45	3374.65
	09/03/02	3421.10	46.40	3374.70
	12/02/02	3421.10	46.26	3374.84
	01/30/03	3421.10	46.18	3374.92
	03/28/03	3421.10	46.15	3374.95
	05/19/03	3421.10	46.19	3374.91
	09/08/03	3421.10	46.44	3374.66
	12/02/03	3421.10	46.45	3374.65
	03/30/04	3421.10	46.62	3374.48
	06/07/04	3421.10	46.48	3374.62
	09/16/04	3421.10	46.43	3374.67
	11/29/04	3421.10	46.17	3374.93
	03/31/05	3421.10	45.67	3375.43
	05/23/05	3421.10	45.52	3375.58
	01/17/06	3421.10	45.11	3375.99
	06/16/06	3421.10	44.96	3376.14
	04/10/07	3421.10	44.62	3376.48
	09/19/07	3421.10	44.49	3376.61
	03/19/08	3421.10	44.60	3376.50
	08/04/08	3421.10	44.94	3376.16
	03/11/09	3421.10	45.02	3376.08
	07/29/09	3421.10	45.26	3375.84
MW049SA	07/30/02	3422.46	49.31	3373.15
	09/03/02	3422.46	49.29	3373.17
	12/02/02	3422.46	49.18	3373.28
	01/30/03	3422.46	49.13	3373.33
	03/28/03	3422.46	49.09	3373.37
	05/19/03	3422.46	49.08	3373.38
	09/08/03	3422.46	49.32	3373.14
	12/02/03	3422.46	49.32	3373.14
	03/30/04	3422.46	49.42	3373.04
	06/07/04	3422.46	48.57	3373.89
	09/16/04	3422.46	49.36	3373.10
	11/29/04	3422.46	49.16	3373.30
	03/31/05	3422.46	48.65	3373.81
	05/23/05	3422.46	48.59	3373.87
	01/17/06	3422.46	48.19	3374.27
	06/16/06	3422.46	47.97	3374.49
	04/10/07	3422.46	47.62	3374.84
	03/19/08	3422.46	47.53	3374.93
	03/11/09	3422.46	47.95	3374.51
MW050SA	07/30/02	3419.31	46.30	3373.01
	09/03/02	3419.31	46.19	3373.12
	12/02/02	3419.31	45.93	3373.38
	01/30/03	3419.31	45.92	3373.39
	03/28/03	3419.31	45.92	3373.39
	05/19/03	3419.31	46.01	3373.30
	09/08/03	3419.31	46.13	3373.18
	12/02/03	3419.31	46.05	3373.26
	03/30/04	3419.31	46.15	3373.16
	06/07/04	3419.31	46.18	3373.13
	09/14/04	3419.31	46.18	3373.13
	11/29/04	3419.31	45.80	3373.51
	03/31/05	3419.31	45.34	3373.97
	05/23/05	3419.31	45.26	3374.05
	01/17/06	3419.31	44.95	3374.36
	06/14/06	3419.31	44.71	3374.60
	04/09/07	3419.31	44.28	3375.03
	03/19/08	3419.31	44.25	3375.06
	03/11/09	3419.31	44.78	3374.53

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW051SA	10/10/02	3415.42	44.50	3370.92
	12/02/02	3415.42	44.43	3370.99
	01/30/03	3415.42	44.38	3371.04
	03/28/03	3415.42	44.39	3371.03
	05/19/03	3415.42	44.40	3371.02
	09/08/03	3415.42	44.55	3370.87
	12/02/03	3415.42	44.53	3370.89
	03/30/04	3415.42	44.59	3370.83
	06/07/04	3415.42	44.53	3370.89
	09/14/04	3415.42	44.58	3370.84
	03/31/05	3415.42	44.04	3371.38
	05/23/05	3415.42	43.95	3371.47
	01/17/06	3415.42	43.70	3371.72
	06/15/06	3415.42	43.47	3371.95
	04/17/07	3415.42	43.09	3372.33
	03/19/08	3415.42	43.04	3372.38
	03/11/09	3415.42	43.48	3371.94
MW052SA	10/10/02	3415.23	45.45	3369.78
	12/02/02	3415.23	45.39	3369.84
	01/30/03	3415.23	45.35	3369.88
	03/28/03	3415.23	45.36	3369.87
	05/19/03	3415.23	45.28	3369.95
	09/08/03	3415.23	45.51	3369.72
	12/02/03	3415.23	45.52	3369.71
	03/30/04	3415.23	45.58	3369.65
	06/07/04	3415.23	45.85	3369.38
	09/14/04	3415.23	45.58	3369.65
	11/29/04	3415.23	45.43	3369.80
	03/31/05	3415.23	45.05	3370.18
	05/23/05	3415.23	45.02	3370.21
	01/17/06	3415.23	44.72	3370.51
	06/16/06	3415.23	44.59	3370.64
	04/10/07	3415.23	44.34	3370.89
	03/19/08	3415.23	44.24	3370.99
	03/11/09	3415.23	44.54	3370.69
MW053SA	09/18/02	3413.86	42.93	3370.93
	12/02/02	3413.86	42.80	3371.06
	01/30/03	3413.86	42.68	3371.18
	03/28/03	3413.86	42.68	3371.18
	05/19/03	3413.86	42.65	3371.21
	09/08/03	3413.86	43.09	3370.77
	12/02/03	3413.86	43.12	3370.74
	03/30/04	3413.86	43.15	3370.71
	06/07/04	3413.86	43.04	3370.82
	09/16/04	3413.86	43.09	3370.77
	11/29/04	3413.86	42.74	3371.12
	03/31/05	3413.86	42.13	3371.73
	05/23/05	3413.86	41.97	3371.89
	01/17/06	3413.86	41.61	3372.25
	06/16/06	3413.86	41.67	3372.19
	04/05/07	3413.86	41.32	3372.54
	09/19/07	3413.86	41.20	3372.66
	03/18/08	3413.86	41.30	3372.56
	08/04/08	3413.86	41.76	3372.10
	03/10/09	3413.86	41.60	3372.26
	07/28/09	3413.86	41.97	3371.89
MW054SA	01/30/03	3411.38	45.21	3366.17
	03/28/03	3411.38	45.09	3366.29
	05/19/03	3411.38	45.09	3366.29
	09/08/03	3411.38	45.43	3365.95
	12/02/03	3411.38	45.41	3365.97
	03/30/04	3411.38	45.46	3365.92
	06/07/04	3411.38	45.37	3366.01
	09/14/04	3411.38	42.48	3368.90
	11/29/04	3411.38	45.26	3366.12
	03/31/05	3411.38	44.90	3366.48
	05/23/05	3411.38	44.81	3366.57
	01/17/06	3411.38	44.68	3366.70
	06/16/06	3411.38	44.73	3366.65
	04/10/07	3411.38	44.57	3366.81
	09/19/07	3411.38	44.63	3366.75
	03/19/08	3411.38	44.59	3366.79
	08/04/08	3411.38	44.84	3366.54
	03/11/09	3411.38	44.74	3366.64
	07/29/09	3411.38	44.93	3366.45

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW055SA	01/06/03	3407.43	41.20	3366.23
	01/30/03	3407.43	41.00	3366.43
	03/27/03	3407.43	41.15	3366.28
	05/19/03	3407.43	41.00	3366.43
	09/08/03	3407.43	41.13	3366.30
	12/02/03	3407.43	41.09	3366.34
	03/30/04	3407.43	41.12	3366.31
	06/07/04	3407.43	41.02	3366.41
	09/14/04	3407.43	41.18	3366.25
	11/29/04	3407.43	41.08	3366.35
	03/31/05	3407.43	40.90	3366.53
	05/23/05	3407.43	40.82	3366.61
	01/17/06	3407.43	40.76	3366.67
	06/15/06	3407.43	40.68	3366.75
	04/10/07	3407.43	40.63	3366.80
	09/19/07	3407.43	40.56	3366.87
	03/19/08	3407.43	40.68	3366.75
	08/04/08	3407.43	40.75	3366.68
	03/11/09	3407.43	40.79	3366.64
	07/29/09	3407.43	40.85	3366.58
MW056SA	01/07/03	3410.71	46.32	3364.39
	01/30/03	3410.71	46.21	3364.50
	03/28/03	3410.71	46.20	3364.51
	05/19/03	3410.71	46.18	3364.53
	09/08/03	3410.71	46.31	3364.40
	12/02/03	3410.71	46.33	3364.38
	03/30/04	3410.71	46.40	3364.31
	06/07/04	3410.71	46.31	3364.40
	09/14/04	3410.71	46.38	3364.33
	11/29/04	3410.71	46.31	3364.40
	03/31/05	3410.71	46.01	3364.70
	05/23/05	3410.71	45.93	3364.78
	01/17/06	3410.71	45.62	3365.09
	06/15/06	3410.71	45.42	3365.29
	04/11/07	3410.71	44.91	3365.80
	09/20/07	3410.71	44.67	3366.04
	03/19/08	3410.71	44.69	3366.02
	08/04/08	3410.71	44.79	3365.92
	03/11/09	3410.71	44.92	3365.79
	07/29/09	3410.71	44.93	3365.78
MW057SA	01/30/03	3417.74	46.33	3371.41
	03/28/03	3417.74	46.45	3371.29
	05/19/03	3417.74	46.59	3371.15
	09/08/03	3417.74	46.72	3371.02
	12/02/03	3417.74	46.65	3371.09
	03/30/04	3417.74	46.70	3371.04
	06/07/04	3417.74	46.75	3370.99
	09/14/04	3417.74	46.58	3371.16
	11/30/04	3417.74	46.00	3371.74
	03/31/05	3417.74	45.77	3371.97
	05/23/05	3417.74	45.73	3372.01
	01/17/06	3417.74	45.53	3372.21
	06/14/06	3417.74	45.50	3372.24
	03/29/07	3417.74	44.91	3372.83
	09/11/07	3417.74	44.96	3372.78
	03/18/08	3417.74	45.05	3372.69
	08/04/08	3417.74	45.34	3372.40
	03/10/09	3417.74	45.58	3372.16
	07/28/09	3417.74	45.58	3372.16
MW062A	01/31/03	3434.19	57.13	3377.06
	03/27/03	3434.19	57.16	3377.03
	05/19/03	3434.19	57.19	3377.00
	09/09/03	3434.19	57.29	3376.90
	12/02/03	3434.19	57.17	3377.02
	03/30/04	3434.19	57.35	3376.84
	06/07/04	3434.19	57.40	3376.79
	09/16/04	3434.19	57.18	3377.01
	11/29/04	3434.19	57.08	3377.11
	03/31/05	3434.19	56.64	3377.55
	05/23/05	3434.19	56.51	3377.68
	01/17/06	3434.19	55.93	3378.26
	06/14/06	3434.19	55.52	3378.67
	04/20/07	3434.19	55.17	3379.02
	09/13/07	3434.19	55.17	3379.02
	03/18/08	3434.19	55.13	3379.06
	08/04/08	3434.19	55.25	3378.94
	03/11/09	3434.19	55.39	3378.80
	07/28/09	3434.19	55.45	3378.74

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW063A	01/31/03	3435.22	57.89	3377.33
	03/27/03	3435.22	57.80	3377.42
	05/19/03	3435.22	57.82	3377.40
	09/09/03	3435.22	57.89	3377.33
	12/02/03	3435.22	57.78	3377.44
	03/30/04	3435.22	57.97	3377.25
	06/07/04	3435.22	57.93	3377.29
	09/16/04	3435.22	57.81	3377.41
	11/29/04	3435.22	57.78	3377.44
	03/31/05	3435.22	54.53	3380.69
	05/23/05	3435.22	57.20	3378.02
	01/17/06	3435.22	56.80	3378.42
	06/14/06	3435.22	56.44	3378.78
	04/20/07	3435.22	56.02	3379.20
	09/10/07	3435.22	55.92	3379.30
	03/18/08	3435.22	55.89	3379.33
	08/04/08	3435.22	55.98	3379.24
	03/11/09	3435.22	56.02	3379.20
	07/28/09	3435.22	56.05	3379.17
MW064SA	03/27/03	3405.15	54.20	3350.95
	05/19/03	3405.15	54.22	3350.93
	09/08/03	3405.15	54.27	3350.88
	12/02/03	3405.15	54.35	3350.80
	03/30/04	3405.15	54.39	3350.76
	06/07/04	3405.15	54.40	3350.75
	09/14/04	3405.15	54.36	3350.79
	11/29/04	3405.15	54.24	3350.91
	03/24/05	3405.15	54.91	3350.24
	05/23/05	3405.15	53.69	3351.46
	01/17/06	3405.15	53.09	3352.06
	06/14/06	3405.15	52.67	3352.48
	03/21/07	3405.15	NM	NM
	09/05/07	3405.15	51.52	3353.63
	03/19/08	3405.15	51.21	3353.94
	08/04/08	3405.15	51.11	3354.04
	03/11/09	3405.15	51.16	3353.99
	07/29/09	3405.15	51.05	3354.10
MW065SA	03/27/03	3402.96	54.21	3348.75
	05/19/03	3402.96	54.23	3348.73
	09/08/03	3402.96	54.38	3348.58
	12/02/03	3402.96	54.51	3348.45
	03/30/04	3402.96	54.61	3348.35
	06/07/04	3402.96	54.32	3348.64
	09/14/04	3402.96	54.45	3348.51
	11/30/04	3402.96	54.31	3348.65
	03/31/05	3402.96	53.92	3349.04
	05/23/05	3402.96	53.66	3349.30
	01/17/06	3402.96	52.99	3349.97
	06/15/06	3402.96	52.62	3350.34
	04/10/07	3402.96	52.12	3350.84
	09/11/07	3402.96	51.59	3351.37
	03/19/08	3402.96	51.39	3351.57
	08/04/08	3402.96	51.30	3351.66
	03/11/09	3402.96	51.52	3351.44
	07/29/09	3402.96	51.32	3351.64
MW066SA	03/28/03	3404.03	52.45	3351.58
	05/19/03	3404.03	52.24	3351.79
	09/08/03	3404.03	52.71	3351.32
	12/02/03	3404.03	53.00	3351.03
	03/30/04	3404.03	53.16	3350.87
	06/07/04	3404.03	52.88	3351.15
	09/14/04	3404.03	55.30	3348.73
	11/29/04	3404.03	53.24	3350.79
	03/29/05	3404.03	52.71	3351.32
	05/23/05	3404.03	52.36	3351.67
	01/17/06	3404.03	51.15	3352.88
	06/15/06	3404.03	50.35	3353.68
	Date Missing	3404.03	49.45	3354.58
	09/19/07	3404.03	48.63	3355.40
	03/18/08	3404.03	48.25	3355.78
	08/04/08	3404.03	48.99	3355.04
	03/10/09	3404.03	49.00	3355.03
	07/29/09	3404.03	49.32	3354.71
MW067SA	03/28/03	3409.16	47.64	3361.52
	05/19/03	3409.16	47.61	3361.55
	09/08/03	3409.16	48.19	3360.97
	12/02/03	3409.16	48.25	3360.91
	03/30/04	3409.16	48.34	3360.82
	06/07/04	3409.16	48.10	3361.06
	09/14/04	3409.16	48.26	3360.90
	01/17/06	3409.16	45.90	3363.26
	06/16/06	3409.16	46.02	3363.14
	04/05/07	3409.16	45.46	3363.70
	09/12/07	3409.16	45.38	3363.78
	03/18/08	3409.16	45.34	3363.82
	08/04/08	3409.16	46.06	3363.10
	03/10/09	3409.16	45.81	3363.35
	07/28/09	3409.16	46.35	3362.81

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW070A	03/27/03	3439.67	61.08	3378.59
	05/19/03	3439.67	61.06	3378.61
	09/09/03	3439.67	61.05	3378.62
	12/02/03	3439.67	60.96	3378.71
	03/30/04	3439.67	60.96	3378.71
	06/07/04	3439.67	60.98	3378.69
	09/16/04	3439.67	60.98	3378.69
	11/30/04	3439.67	60.88	3378.79
	03/31/05	3439.67	60.68	3378.99
	05/23/05	3439.67	60.49	3379.18
	01/17/06	3439.67	60.14	3379.53
	06/14/06	3439.67	59.92	3379.75
	03/29/07	3439.67	59.45	3380.22
	09/11/07	3439.67	59.30	3380.37
	03/18/08	3439.67	59.09	3380.58
	08/04/08	3439.67	59.06	3380.61
	03/10/09	3439.67	59.11	3380.56
	07/28/09	3439.67	59.14	3380.53
MW071SA	05/02/03	3401.01	34.79	3366.22
	05/19/03	3401.01	52.61	3348.40
	09/08/03	3401.01	52.83	3348.18
	12/02/03	3401.01	52.98	3348.03
	03/30/04	3401.01	53.03	3347.98
	06/07/04	3401.01	52.78	3348.23
	09/14/04	3401.01	53.00	3348.01
	11/29/04	3401.01	53.71	3347.30
	03/31/05	3401.01	57.12	3343.89
	05/23/05	3401.01	51.90	3349.11
	01/17/06	3401.01	51.25	3349.76
	06/15/06	3401.01	50.95	3350.06
	04/03/07	3401.01	50.47	3350.54
	09/18/07	3401.01	49.94	3351.07
	03/18/08	3401.01	49.73	3351.28
	08/04/08	3401.01	49.87	3351.14
	03/10/09	3401.01	49.92	3351.09
	07/28/09	3401.01	49.83	3351.18
MW072SA	05/01/03	3401.34	53.46	3347.88
	05/19/03	3401.34	52.96	3348.38
	09/08/03	3401.34	53.24	3348.10
	12/02/03	3401.34	53.35	3347.99
	03/30/04	3401.34	53.49	3347.85
	06/07/04	3401.34	53.18	3348.16
	09/14/04	3401.34	53.39	3347.95
	11/29/04	3401.34	53.06	3348.28
	03/29/05	3401.34	52.39	3348.95
	05/23/05	3401.34	52.14	3349.20
	01/17/06	3401.34	51.49	3349.85
	06/15/06	3401.34	51.25	3350.09
	04/03/07	3401.34	50.78	3350.56
	09/13/07	3401.34	50.20	3351.14
	03/18/08	3401.34	50.06	3351.28
	08/04/08	3401.34	50.29	3351.05
	03/10/09	3401.34	50.44	3350.90
	07/28/09	3401.34	50.24	3351.10
MW073SA	05/03/03	3403.26	50.25	3353.01
	05/19/03	3403.26	50.21	3353.05
	09/08/03	3403.26	50.61	3352.65
	12/02/03	3403.26	50.74	3352.52
	03/30/04	3403.26	50.86	3352.40
	06/07/04	3403.26	50.58	3352.68
	09/14/04	3403.26	50.76	3352.50
	11/29/04	3403.26	50.40	3352.86
	03/31/05	3403.26	49.65	3353.61
	05/23/05	3403.26	49.38	3353.88
	01/17/06	3403.26	48.68	3354.58
	06/15/06	3403.26	48.52	3354.74
	04/03/07	3403.26	48.01	3355.25
	09/12/07	3403.26	47.55	3355.71
	03/18/08	3403.26	47.45	3355.81
	08/04/08	3403.26	47.78	3355.48
	03/10/09	3403.26	47.89	3355.37
	07/28/09	3403.26	47.97	3355.29
MW074SA	02/18/04	3409.97	50.22	3359.75
	03/30/04	3409.97	50.24	3359.73
	06/07/04	3409.97	50.15	3359.82
	09/14/04	3409.97	50.22	3359.75
	11/29/04	3409.97	NR	NR
	3/31/005	3409.97	49.79	3360.18
	05/23/05	3409.97	49.69	3360.28
	01/17/06	3409.97	49.31	3360.66
	06/15/06	3409.97	49.02	3360.95
	04/03/07	3409.97	48.39	3361.58
	09/05/07	3409.97	48.10	3361.87
	03/18/08	3409.97	48.03	3361.94
	08/04/08	3409.97	48.07	3361.90
	03/10/09	3409.97	48.18	3361.79
	07/28/09	3409.97	48.14	3361.83

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW075SA	02/18/04	3404.21	54.19	3350.02
	03/30/04	3404.21	54.21	3350.00
	06/07/04	3404.21	54.11	3350.10
	09/14/04	3404.21	54.08	3350.13
	11/29/04	3404.21	54.04	3350.17
	03/31/05	3404.21	53.69	3350.52
	05/23/05	3404.21	53.49	3350.72
	01/17/06	3404.21	52.89	3351.32
	06/15/06	3404.21	52.44	3351.77
	04/03/07	3404.21	51.86	3352.35
	09/05/07	3404.21	51.38	3352.83
	03/18/08	3404.21	51.07	3353.14
	08/04/08	3404.21	50.91	3353.30
	03/10/09	3404.21	50.93	3353.28
	07/28/09	3404.21	50.80	3353.41
MW076SA	02/18/04	3404.13	55.72	3348.41
	03/29/04	3404.13	55.77	3348.36
	06/07/04	3404.13	55.62	3348.51
	09/14/04	3404.13	55.64	3348.49
	11/29/04	3404.13	55.54	3348.59
	03/31/05	3404.13	55.17	3348.96
	05/23/05	3404.13	54.94	3349.19
	01/17/06	3404.13	54.39	3349.74
	06/15/06	3404.13	53.95	3350.18
	04/03/07	3404.13	53.01	3351.12
	03/18/08	3404.13	52.76	3351.37
	08/04/08	3404.13	52.60	3351.53
	03/10/09	3404.13	52.61	3351.52
	07/28/09	3404.13	52.45	3351.68
MW077SA	02/18/04	3401.71	53.71	3348.00
	03/30/04	3401.71	53.72	3347.99
	06/07/04	3401.71	53.49	3348.22
	09/14/04	3401.71	53.56	3348.15
	03/31/05	3401.71	52.99	3348.72
	05/23/05	3401.71	52.77	3348.94
	01/17/06	3401.71	57.13	3344.58
	06/15/06	3401.71	51.79	3349.92
	04/11/07	3401.71	51.34	3350.37
	09/06/07	3401.71	50.82	3350.89
	03/19/08	3401.71	50.62	3351.09
	08/04/08	3401.71	50.56	3351.15
	03/11/09	3401.71	50.71	3351.00
	07/29/09	3401.71	50.49	3351.22
MW078SA	03/30/04	3411.12	44.63	3366.49
	06/07/04	3411.12	45.45	3365.67
	09/16/04	3411.12	45.72	3365.40
	11/29/04	3411.12	45.18	3365.94
	03/31/05	3411.12	44.30	3366.82
	05/23/05	3411.12	44.08	3367.04
	01/17/06	3411.12	43.64	3367.48
	06/16/06	3411.12	43.97	3367.15
	04/05/07	3411.12	43.42	3367.70
	09/06/07	3411.12	43.47	3367.65
	03/18/08	3411.12	43.49	3367.63
	08/04/08	3411.12	44.70	3366.42
	03/10/09	3411.12	43.47	3367.65
	07/28/09	3411.12	44.50	3366.62
MW079SA	03/30/04	3408.80	48.78	3360.02
	06/07/04	3408.80	46.61	3362.19
	09/14/04	3408.80	48.73	3360.07
	11/29/04	3408.80	46.27	3362.53
	05/23/05	3408.80	47.09	3361.71
	01/17/06	3408.80	46.31	3362.49
	06/16/06	3408.80	46.33	3362.47
	03/28/07	3408.80	45.81	3362.99
	09/06/07	3408.80	45.68	3363.12
	03/21/08	3408.80	45.54	3363.26
	08/04/08	3408.80	46.31	3362.49
	03/11/09	3408.80	46.03	3362.77
	07/29/09	3408.80	46.55	3362.25
MW080SA	03/30/04	3408.92	48.82	3360.10
	06/07/04	3408.92	48.70	3360.22
	09/14/04	3408.92	48.81	3360.11
	11/29/04	3408.92	48.36	3360.56
	03/16/05	3408.92	47.56	3361.36
	05/23/05	3408.92	48.18	3360.74
	01/17/06	3408.92	46.42	3362.50
	06/16/06	3408.92	46.46	3362.46
	03/28/07	3408.92	45.85	3363.07
	09/06/07	3408.92	45.80	3363.12
	03/21/08	3408.92	45.70	3363.22
	08/04/08	3408.92	46.45	3362.47
	03/11/09	3408.92	45.70	3363.22
	07/29/09	3408.92	46.66	3362.26

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW081SA	03/30/04	3408.28	48.50	3359.78
	06/07/04	3408.28	46.80	3361.48
	09/14/04	3408.28	48.43	3359.85
	11/29/04	3408.28	47.99	3360.29
	03/16/05	3408.28	47.17	3361.11
	05/23/05	3408.28	47.12	3361.16
	01/17/06	3408.28	46.02	3362.26
	06/16/06	3408.28	46.02	3362.26
	03/28/07	3408.28	45.42	3362.86
	09/06/07	3408.28	45.34	3362.94
	03/21/08	3408.28	45.21	3363.07
	08/04/08	3408.28	45.98	3362.30
	03/11/09	3408.28	46.14	3362.14
	07/29/09	3408.28	46.23	3362.05
MW082SA	03/30/04	3406.25	55.46	3350.79
	06/07/04	3406.25	55.35	3350.90
	09/14/04	3406.25	55.22	3351.03
	11/29/04	3406.25	55.19	3351.06
	03/01/05	3406.25	54.81	3351.44
	05/23/05	3406.25	54.66	3351.59
	01/17/06	3406.25	54.00	3352.25
	06/14/06	3406.25	53.61	3352.64
	03/22/07	3406.25	52.94	3353.31
	09/05/07	3406.25	52.43	3353.82
	03/19/08	3406.25	52.12	3354.13
	08/04/08	3406.25	52.03	3354.22
	03/11/09	3406.25	52.09	3354.16
	07/29/09	3406.25	51.97	3354.28
MW083SA	03/30/04	3406.11	55.33	3350.78
	06/07/04	3406.11	55.22	3350.89
	09/14/04	3406.11	54.18	3351.93
	11/29/04	3406.11	55.19	3350.92
	03/01/05	3406.11	54.85	3351.26
	05/23/05	3406.11	54.58	3351.53
	01/17/06	3406.11	53.93	3352.18
	06/14/06	3406.11	53.51	3352.60
	03/22/07	3406.11	52.83	3353.28
	09/05/07	3406.11	52.34	3353.77
	03/19/08	3406.11	52.04	3354.07
	08/04/08	3406.11	51.94	3354.17
	03/11/09	3406.11	52.00	3354.11
	07/29/09	3406.11	51.91	3354.20
MW084SA	03/30/04	3405.98	54.83	3351.15
	06/07/04	3405.98	54.78	3351.20
	09/14/04	3405.98	54.70	3351.28
	11/29/04	3405.98	54.61	3351.37
	03/24/05	3405.98	54.27	3351.71
	05/23/05	3405.98	54.09	3351.89
	01/17/06	3405.98	53.45	3352.53
	06/14/06	3405.98	53.02	3352.96
	03/21/07	3405.98	NM	NM
	09/05/07	3405.98	51.86	3354.12
	03/19/08	3405.98	51.55	3354.43
	08/04/08	3405.98	51.47	3354.51
	03/11/09	3405.98	51.50	3354.48
	07/29/09	3405.98	51.40	3354.58
MW085SA	03/30/04	3405.98	55.24	3350.74
	06/07/04	3405.98	55.08	3350.90
	09/14/04	3405.98	55.08	3350.90
	11/29/04	3405.98	54.98	3351.00
	03/24/05	3405.98	54.66	3351.32
	05/23/05	3405.98	54.44	3351.54
	01/17/06	3405.98	53.82	3352.16
	06/14/06	3405.98	53.40	3352.58
	03/21/07	3405.98	NM	NM
	09/05/07	3405.98	52.24	3353.74
	03/19/08	3405.98	51.92	3354.06
	08/04/08	3405.98	51.84	3354.14
	03/11/09	3405.98	51.90	3354.08
	07/29/09	3405.98	51.79	3354.19
MW086SA	09/14/04	3401.86	53.74	3348.12
	03/31/05	3401.86	53.08	3348.78
	05/23/05	3401.86	52.83	3349.03
	01/17/06	3401.86	52.18	3349.68
	06/15/06	3401.86	51.86	3350.00
	04/11/07	3401.86	51.38	3350.48
	09/20/07	3401.86	50.87	3350.99
	03/19/08	3401.86	50.71	3351.15
	08/04/08	3401.86	50.72	3351.14
	03/11/09	3401.86	50.91	3350.95
	07/29/09	3401.86	50.67	3351.19

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MW087A	09/24/04	3430.75	50.05	3380.70
	03/31/05	3430.75	50.85	3379.90
	05/23/05	3430.75	50.74	3380.01
	01/17/06	3430.75	50.15	3380.60
	06/19/06	3430.75	49.95	3380.80
	04/13/07	3430.75	49.41	3381.34
	03/24/08	3430.75	49.51	3381.24
	03/11/09	3430.75	49.84	3380.91
MW089SA	01/17/06	3428.09	48.30	3379.79
	06/20/06	3428.09	48.10	3379.99
	04/05/07	3428.09	47.87	3380.22
	03/21/08	3428.09	47.79	3380.30
	03/11/09	3428.09	48.30	3379.79
MW090SA	01/18/06	3428.33	48.76	3379.57
	06/20/06	3428.33	48.57	3379.76
	04/05/07	3428.33	48.42	3379.91
	03/21/08	3428.33	48.29	3380.04
	03/11/09	3428.33	48.79	3379.54
	07/29/09	3428.33	48.98	3379.35
MW091SA	01/17/06	3422.45	43.90	3378.55
	06/20/06	3422.45	43.86	3378.59
	04/05/07	3422.45	43.37	3379.08
	03/19/08	3422.45	43.33	3379.12
	03/11/09	3422.45	43.84	3378.61
MW092SA	01/17/06	3422.51	43.94	3378.57
	06/20/06	3422.51	43.62	3378.89
	04/05/07	3422.51	43.50	3379.01
	03/19/08	3422.51	43.38	3379.13
	03/11/09	3422.51	43.89	3378.62
MW093SA	01/17/06	3422.72	44.13	3378.59
	06/20/06	3422.72	43.60	3379.12
	04/05/07	3422.72	43.56	3379.16
	03/24/08	3422.72	43.55	3379.17
	03/11/09	3422.72	44.12	3378.60
RW001	11/16/99	3428.32	50.41	3377.91
	05/15/01	3428.32	49.65	3378.67
	08/23/01	3428.32	50.04	3378.28
	01/21/02	3428.32	49.85	3378.47
	04/04/02	3428.32	49.97	3378.35
	09/03/02	3428.32	49.88	3378.44
	12/02/02	3428.32	49.53	3378.79
	01/31/03	3428.32	49.63	3378.69
	03/28/03	3428.32	49.62	3378.70
	05/19/03	3428.32	49.51	3378.81
	09/09/03	3428.32	49.66	3378.66
	12/03/03	3428.32	49.71	3378.61
	03/30/04	3428.32	49.81	3378.51
	06/07/04	3428.32	49.75	3378.57
	09/17/04	3428.32	49.34	3378.98
	11/29/04	3428.32	48.80	3379.52
	03/31/05	3428.32	48.43	3379.89
	05/23/05	3428.32	50.25	3378.07
IW003	12/16/03	3406.68	45.47	3361.21
	02/18/04	3406.68	45.37	3361.31
	03/30/04	3406.68	45.37	3361.31
	06/03/04	3406.68	44.39	3362.29
	11/29/04	3406.68	45.95	3360.73
	03/17/05	3406.68	45.26	3361.42
	05/23/05	3406.68	45.10	3361.58
	01/17/06	3406.68	44.76	3361.92
	06/16/06	3406.68	44.77	3361.91
	04/09/07	3406.68	46.30	3360.38
	03/21/08	3406.68	44.71	3361.97
	03/10/09	3406.68	44.96	3361.72
IW004	12/16/03	3406.31	45.04	3361.27
	02/18/04	3406.31	44.95	3361.36
	03/30/04	3406.31	44.97	3361.34
	06/07/04	3406.31	45.99	3360.32
	11/29/04	3406.31	45.31	3361.00
	03/17/05	3406.31	44.83	3361.48
	05/23/05	3406.31	44.43	3361.88
	01/17/06	3406.31	44.52	3361.79
	06/16/06	3406.31	44.36	3361.95
	04/09/07	3406.31	44.15	3362.16
	03/21/08	3406.31	44.25	3362.06
	03/10/09	3406.31	44.44	3361.87

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
IW005	12/16/03	3405.36	45.85	3359.51
	02/18/04	3405.36	43.85	3361.51
	03/30/04	3405.36	43.84	3361.52
	06/07/04	3405.36	45.02	3360.34
	11/29/04	3405.36	44.52	3360.84
	03/21/05	3405.36	43.72	3361.64
	05/23/05	3405.36	42.71	3362.65
	01/17/06	3405.36	43.75	3361.61
	06/16/06	3405.36	43.62	3361.74
	04/12/07	3405.36	43.82	3361.54
	03/21/08	3405.36	43.51	3361.85
	03/10/09	3405.36	43.68	3361.68
IW006	12/16/03	3404.36	45.14	3359.22
	02/18/04	3404.36	43.24	3361.12
	03/30/04	3404.36	43.24	3361.12
	06/07/04	3404.36	44.18	3360.18
	11/29/04	3404.36	43.75	3360.61
	03/21/05	3404.36	42.86	3361.50
	05/23/05	3404.36	42.54	3361.82
	01/17/06	3404.36	42.68	3361.68
	06/16/06	3404.36	42.57	3361.79
	03/27/07	3404.36	42.49	3361.87
	04/12/07	3404.36	42.32	3362.04
	03/21/08	3404.36	42.65	3361.71
	03/10/09	3404.396	42.78	3361.62
IW007	12/16/03	3405.31	45.65	3359.66
	02/18/04	3405.31	44.09	3361.22
	03/30/04	3405.31	44.31	3361.00
	06/07/04	3405.31	43.54	3361.77
	11/29/04	3405.31	44.62	3360.69
	03/22/05	3405.31	43.24	3362.07
	05/23/05	3405.31	43.83	3361.48
	01/17/06	3405.31	43.91	3361.40
	06/16/06	3405.31	43.94	3361.37
	03/26/07	3405.31	43.48	3361.83
	03/21/08	3405.31	43.79	3361.52
	03/10/09	3405.31	44.21	3361.10
IW008	12/16/03	3405.37	50.61	3354.76
	02/18/04	3405.37	50.13	3355.24
	03/30/04	3405.37	51.08	3354.29
	06/07/04	3405.37	45.54	3359.83
	11/29/04	3405.37	43.98	3361.39
	03/22/05	3405.37	43.55	3361.82
	05/23/05	3405.37	43.85	3361.52
	01/17/06	3405.37	44.03	3361.34
	06/16/06	3405.37	44.07	3361.30
	03/23/07	3405.37	46.50	3358.87
	03/21/08	3405.37	44.80	3360.57
	03/10/09	3405.37	48.17	3357.20
IW009	12/16/03	3406.07	47.22	3358.85
	02/18/04	3406.07	47.40	3358.67
	03/30/04	3406.07	47.49	3358.58
	06/07/04	3406.07	44.55	3361.52
	11/29/04	3406.07	44.74	3361.33
	03/22/05	3406.07	44.30	3361.77
	05/23/05	3406.07	44.30	3361.77
	01/17/06	3406.07	45.02	3361.05
	06/16/06	3406.07	45.41	3360.66
	03/23/07	3406.07	46.27	3359.80
	03/21/08	3406.07	46.42	3359.65
	03/10/09	3406.07	47.12	3358.95
IW010	12/16/03	3405.82	52.88	3352.94
	02/18/04	3405.82	53.48	3352.34
	03/30/04	3405.82	53.52	3352.30
	06/07/04	3405.82	54.65	3351.17
	11/29/04	3405.82	54.45	3351.37
	03/22/05	3405.82	53.45	3352.37
	05/23/05	3405.82	53.21	3352.61
	01/17/06	3405.82	53.45	3352.37
	06/16/06	3405.82	52.93	3352.89
	03/23/07	3405.82	53.48	3352.34
	03/21/08	3405.82	53.30	3352.52
	03/10/09	3405.82	53.55	3352.27

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
IW011	12/16/03	3406.83	57.60	3349.23
	02/18/04	3406.83	57.59	3349.24
	03/30/04	3406.83	57.64	3349.19
	06/07/04	3406.83	58.79	3348.04
	11/29/04	3406.83	58.81	3348.02
	03/23/05	3406.83	58.19	3348.64
	05/23/05	3406.83	57.51	3349.32
	01/17/06	3406.83	57.79	3349.04
	06/16/06	3406.83	56.93	3349.90
	03/22/07	3406.83	56.21	3350.62
	03/21/08	3406.83	55.44	3351.39
	03/10/09	3406.83	55.51	3351.32
IW012	02/18/04	3405.92	54.99	3350.93
	03/30/04	3405.92	Dry	Dry
	06/07/04	3405.92	53.24	3352.68
	11/29/04	3405.92	56.03	3349.89
	03/24/05	3405.92	55.03	3350.89
	05/23/05	3405.92	53.20	3352.72
	01/17/06	3405.92	Dry	Dry
	06/16/06	3405.92	55.44	3350.48
	03/22/07	3405.92	58.98	3346.94
	03/21/08	3405.92	54.29	3351.63
	03/10/09	3405.92	54.26	3351.66
IW013	02/18/04	3406.62	56.27	3350.35
	03/30/04	3406.62	56.34	3350.28
	06/07/04	3406.62	51.56	3355.06
	11/29/04	3406.62	57.36	3349.26
	03/24/05	3406.62	56.72	3349.90
	05/23/05	3406.62	56.81	3349.81
	01/17/06	3406.62	56.15	3350.47
	06/16/06	3406.62	55.72	3350.90
	03/22/07	3406.62	NM	NM
	03/21/08	3406.62	54.13	3352.49
	03/10/09	3406.62	54.12	3352.50
IW014	02/18/04	3405.48	54.55	3350.93
	03/30/04	3405.48	54.59	3350.89
	06/07/04	3405.48	NR	NR
	11/29/04	3405.48	55.88	3349.60
	03/24/05	3405.48	55.54	3349.94
	05/23/05	3405.48	55.02	3350.46
	01/17/06	3405.48	54.66	3350.82
	06/16/06	3405.48	54.25	3351.23
	03/26/07	3405.48	53.30	3352.18
	03/21/08	3405.48	52.64	3352.84
	03/10/09	3405.48	52.57	3352.91
IW015	02/18/04	3406.05	45.43	3360.62
	03/30/04	3406.05	45.45	3360.60
	06/07/04	3406.05	45.91	3360.14
	11/29/04	3406.05	46.33	3359.72
	03/16/05	3406.05	44.97	3361.08
	05/23/05	3406.05	NR	NR
	01/17/06	3406.05	44.83	3361.22
	06/16/06	3406.05	44.58	3361.47
	04/09/07	3406.05	44.38	3361.67
	03/21/08	3406.05	44.20	3361.85
	03/10/08	3406.05	44.58	3361.47
IW016	02/18/04	3408.29	48.16	3360.13
	03/30/04	3408.29	48.19	3360.10
	06/03/04	3408.29	49.11	3359.18
	11/29/04	3408.29	49.26	3359.03
	04/18/05	3408.29	48.50	3359.79
	05/23/05	3408.29	48.51	3359.78
	01/17/06	3408.29	47.45	3360.84
	06/16/06	3408.29	47.09	3361.20
	03/28/07	3408.29	46.33	3361.96
	03/21/08	3408.29	46.21	3362.08
	03/10/08	3408.29	46.70	3361.59
IW018	01/17/06	3424.54	45.94	3378.60
	06/20/06	3424.54	45.82	3378.72
	04/09/07	3424.54	45.92	3378.62
	03/19/08	3424.54	45.59	3378.95
	03/10/09	3424.54	46.05	3378.49
IW019	01/17/06	3423.78	45.13	3378.65
	06/20/06	3423.78	44.95	3378.83
	04/06/07	3423.78	44.85	3378.93
	03/19/08	3423.78	44.74	3379.04
	03/10/09	3423.78	45.23	3378.55

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
IW020	01/17/06	3423.50	44.76	3378.74
	06/20/06	3423.50	44.55	3378.95
	04/10/07	3423.50	44.33	3379.17
	04/09/08	3423.50	44.33	3379.17
	03/10/09	3423.5	44.84	3378.66
IW021	01/17/06	3423.16	44.44	3378.72
	06/20/06	3423.16	44.15	3379.01
	04/05/07	3423.16	44.04	3379.12
	03/19/08	3423.16	43.91	3379.25
	03/10/09	3423.16	44.42	3378.74
IW022	01/17/06	3423.16	44.39	3378.77
	06/20/06	3423.16	44.10	3379.06
	04/10/07	3423.16	43.87	3379.29
	04/09/08	3423.16	43.83	3379.33
	03/10/09	3423.16	44.33	3378.83
IW023	01/17/06	3426.05	47.25	3378.80
	06/20/06	3426.05	41.82	3384.23
	04/10/07	3426.05	46.65	3379.40
	03/21/08	3426.05	46.76	3379.29
	03/10/09	3426.05	47.14	3378.91
	07/28/09	3426.05	47.33	3378.72
IW024	01/18/06	3426.63	47.15	3379.48
	06/20/06	3426.63	47.10	3379.53
	04/04/07	3426.63	46.85	3379.78
	03/21/08	3426.63	47.70	3378.93
	03/10/09	3426.63	47.25	3379.38
	07/28/09	3426.63	47.45	3379.18
IW025	01/18/06	3427.62	48.09	3379.53
	06/20/06	3427.62	47.95	3379.67
	04/04/07	3427.62	47.72	3379.90
	03/21/08	3427.62	48.10	3379.52
	03/10/09	3427.62	47.20	3380.42
	07/28/09	3427.62	48.44	3379.18
IW026	01/18/06	3428.01	48.42	3379.59
	06/20/06	3428.01	48.26	3379.75
	04/04/07	3428.01	48.10	3379.91
	03/21/08	3428.01	48.05	3379.96
	03/10/09	3428.01	48.58	3379.43
	07/28/09	3428.01	48.76	3379.25
IW027	01/18/06	3428.17	48.55	3379.62
	06/20/06	3428.17	48.33	3379.84
	04/04/07	3428.17	48.17	3380.00
	03/21/08	3428.17	48.10	3380.07
	03/11/09	3428.17	48.66	3379.51
IW028	03/16/05	3428.18	48.70	3379.48
	05/23/05	3428.18	49.09	3379.09
	06/16/05	3428.18	49.10	3379.08
	01/17/06	3428.18	48.53	3379.65
	06/20/06	3428.18	48.30	3379.88
	04/04/07	3428.18	48.09	3380.09
	04/09/08	3428.18	47.99	3380.19
	03/11/09	3428.18	48.51	3379.67

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
RW004A	01/21/02	3430.11	51.51	3378.60
	04/04/02	3430.11	51.59	3378.52
	09/03/02	3430.11	51.45	3378.66
	12/02/02	3430.11	51.10	3379.01
	01/31/03	3430.11	51.14	3378.97
	03/28/03	3430.11	51.16	3378.95
	05/19/03	3430.11	51.23	3378.88
	09/09/03	3430.11	46.36	3383.75
	12/03/03	3430.11	51.53	3378.58
	03/30/04	3430.74	52.34	3378.40
	06/07/04	3430.74	51.61	3379.13
	11/30/04	3430.74	51.56	3379.18
	03/31/05	3430.74	51.97	3378.77
	05/23/05	3430.74	52.13	3378.61
	01/18/06	3430.74	47.46	3383.28
	06/19/06	3430.74	49.78	3380.96
	04/11/07	3430.74	47.15	3383.59
	03/24/08	3430.74	49.51	3381.23
	03/11/09	3430.74	47.49	3383.25
WATER WELLS				
GOPWW2	NR	3396.97	49.02	3347.95
	12/04/02	3396.97	49.54	3347.43
	01/31/03	3396.97	49.42	3347.55
	03/28/03	3396.97	49.14	3347.83
	05/19/03	3396.97	49.21	3347.76
	09/09/03	3396.97	49.37	3347.60
	12/02/03	3396.97	49.71	3347.26
	03/30/04	3396.97	49.54	3347.43
	06/07/04	3396.97	49.31	3347.66
	09/14/04	3396.97	49.45	3347.52
	11/29/04	3396.97	49.22	3347.75
	03/31/05	3396.97	48.81	3348.16
	05/23/05	3396.67	48.52	3348.15
	01/18/06	3396.67	48.00	3348.67
	06/23/06	3396.67	47.65	3349.02
	04/23/07	3396.67	47.15	3349.52
	09/10/07	3396.67	46.70	3349.97
	03/21/08	3396.67	46.46	3350.21
	08/04/08	3396.67	46.47	3350.20
	03/10/09	3396.67	46.59	3350.08
	07/28/09	3396.67	46.44	3350.23
LordWW	12/18/97	3419.97	44.00	3375.97
	11/16/99	3419.97	42.67	3377.30
	06/07/01	3419.97	41.90	3378.07
	02/06/02	3419.97	42.01	3377.96
	09/03/02	3419.97	41.88	3378.09
	12/09/02	3419.97	41.88	3378.09
	06/05/03	3419.97	41.95	3378.02
	01/22/04	3419.97	42.25	3377.72
	03/30/04	3419.97	42.34	3377.63
	06/07/04	3419.97	42.12	3377.85
	09/17/04	3419.97	41.93	3378.04
	05/23/05	3419.97	40.93	3379.04
	01/17/06	3419.97	40.59	3379.38
	06/23/06	3419.97	40.57	3379.40
	04/05/07	3419.97	40.05	3379.92
	03/18/08	3419.97	48.17	3371.80
	08/04/08	3419.97	40.43	3379.54
	03/10/09	3419.97	40.61	3379.36
	07/28/09	3419.97	40.80	3379.17

TABLE 1
SUMMARY OF 2009 GAUGING DATA
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Well ID	Date Measured	Top of Casing Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
RolandWW	12/18/97	3419.47	43.12	3376.35
	11/16/99	3419.47	41.58	3377.89
	05/15/01	3419.47	41.06	3378.41
	08/23/01	3419.47	40.92	3378.55
	01/21/02	3419.47	41.09	3378.38
	04/04/02	3419.47	41.32	3378.15
	09/03/02	3419.47	40.90	3378.57
	12/02/02	3419.47	40.80	3378.67
	01/31/03	3419.47	40.79	3378.68
	03/28/03	3419.47	40.74	3378.73
	06/03/03	3419.47	40.92	3378.55
	09/09/03	3419.47	41.03	3378.44
	12/02/03	3419.47	41.14	3378.33
	03/30/04	3419.47	41.35	3378.12
	06/07/04	3419.47	41.17	3378.30
	03/31/05	3419.47	39.62	3379.85
	05/23/05	3419.47	39.81	3379.66
	06/23/06	3419.47	39.56	3379.91
	03/11/09	3419.47	39.69	3379.78
WoodellWW	05/15/01	3423.77	49.63	3374.14
	08/23/01	3423.77	49.97	3373.80
	04/05/02	3423.77	49.52	3374.25
	09/03/02	3423.77	54.07 (P)	3369.70
	12/02/02	3423.77	49.06	3374.71
	01/30/03	3423.77	49.14	3374.63
	03/28/03	3423.77	62.24 (P)	3361.53
	06/05/03	3423.77	53.76 (P)	3370.01
	09/09/03	3423.77	53.65 (P)	3370.12
	12/02/03	3423.77	49.07	3374.70
	03/30/04	3423.77	49.50	3374.27
	06/07/04	3423.77	54.24	3369.53
	11/29/04	3423.77	48.89	3374.88
	05/23/05	3423.77	52.80	3370.97
	03/10/09	NG	NG	NG
EPWW1	12/18/97	3429.95	73.12	3356.83
	04/22/97	3429.95	66.46	3363.49
	11/16/99	3429.95	65.20	3364.75
	05/15/01	3429.95	52.27	3377.68
	08/23/01	3429.95	52.86	3377.09
	01/21/02	3429.95	52.67	3377.28
	04/04/02	3429.95	93.34	3336.61
	09/03/02	3429.95	50.85	3379.10
	12/02/02	3429.95	51.59	3378.36
	01/31/03	3429.95	52.20	3377.75
	03/28/03	3429.95	52.58	3377.37
	05/19/03	3429.95	52.26	3377.69
	09/09/03	3429.95	94.08	3335.87
	12/03/03	3429.95	94.07	3335.88
	03/30/04	3429.95	86.62	3343.33
	06/07/04	3429.95	77.45	3352.50
	09/17/04	3429.95	52.22	3377.73
	11/30/04	3429.95	57.80	3372.15
	03/31/05	3429.95	51.39	3378.56
	05/23/05	3429.95	51.16	3378.79
	03/10/09	NG	NG	NG

Notes:
AMSL - Above Mean Sea Level
MW - Monitoring Well
No Suffix - Shallow/Middle Monitoring Well Completion
(Example: MW069)
A - Deep Monitoring Well Completion
(Example: MW070A)
M - Middle Monitoring Well Completion
(Example: MW008M)
SA - Fully-Penetrating, Monitoring Well Completion
(Example: MW071SA)
RW - Recovery Well
EP - Eunice Plant
WW - Water Well
GOP - Gulf Oil Corp.
IW - Injection Well
(P) - Well was pumping during water collection
NR - Not Reported
NG - Not Gauged

TABLE 2
SUMMARY OF 2009 GROUNDWATER ANALYTICAL RESULTS

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
Shallow Zone Wells										
MW001	04/23/97	**0.384**	<0.001	0.075	0.049	-----	-----	-----	-----	-----
	01/20/99	0.006	0.019	0.029	0.029	-----	-----	-----	-----	-----
	11/17/99	0.008	0.018	0.140	0.042	-----	-----	-----	-----	-----
	05/31/01	**0.060**	0.020	0.540	0.090	-----	-----	-----	-----	-----
	02/07/02	0.002	0.009	0.059	0.084	<0.26	0.489	-----	-----	-----
	01/08/03	<0.002	0.002	0.017	0.024	<0.25	0.280	-----	-----	-----
	06/05/03	<0.002	0.004	0.052	<0.001	-----	-----	-----	-----	-----
	01/12/05	0.004	ND	0.047	ND	ND	0.220	-----	-----	200
	05/26/05	**0.02**	0.004	0.073	0.023	ND	0.440	-----	-----	**280**
	01/27/06	0.0017	<0.001	0.044	0.0033	<0.6	<0.6	0.0343	<0.02	**338**
	07/13/06	**0.089**	<0.001	0.037	0.0042	0.540	0.300	0.0308	<0.02	**368**
	04/19/07	**0.036**	<0.001	0.110	0.0095	0.500	0.380	<0.015	<0.02	**327**
	04/17/08	<0.001	<0.001	0.0016	<0.003	0.410	<0.05	<0.015	**<0.2**	112
	No Access (1st Half 2009) - Due to Construction Activity									
MW002	04/22/97	<0.001	<0.001	<0.001	<0.001	-----	-----	-----	-----	-----
	05/22/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/24/02	<0.002	<0.002	<0.002	<0.002	-----	<0.25	-----	-----	-----
	09/16/02	<0.002	<0.002	<0.002	<0.002	-----	<0.05	-----	-----	-----
	12/18/02	<0.002	<0.002	<0.002	<0.002	-----	<0.25	-----	-----	-----
	03/13/03	<0.002	<0.002	<0.002	<0.002	-----	<0.05	-----	-----	-----
	05/28/03	<0.002	<0.002	<0.002	<0.002	-----	<0.05	-----	-----	-----
	01/04/05	ND	ND	ND	ND	ND	ND	-----	-----	**440**
	06/06/05	ND	ND	ND	ND	ND	ND	-----	-----	**410**
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	**0.0642**	**0.058**	**552**
	07/06/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0339	0.037	**553**
	04/12/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	**0.0699**	**0.064**	**817**
	04/02/08	0.0045	0.0014	<0.001	<0.003	<0.097	<0.05	**0.147**	**0.15**	**934**
	03/31/09	<0.001	<0.001	<0.001	<0.003	0.190	<0.05	**0.137**	**0.13**	**1040**
MW003	04/22/97	<0.001	<0.001	<0.001	<0.001	-----	-----	-----	-----	-----
	05/24/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/06/05	ND	ND	ND	ND	ND	ND	-----	-----	**570**
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	**0.194**	**0.200**	**514**
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	**0.187**	**0.170**	**530**
	04/16/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	**0.116**	**0.10**	**372**
	04/03/08	0.0037	0.0012	<0.001	<0.003	<0.096	<0.05	**0.085**	**0.052**	**317**
	No Access (1st Half 2009) - Due to Construction Activity									
MW004	04/23/97	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-----	-----	-----
	01/21/99	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-----	-----	-----
	11/18/99	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	-----	-----	-----
	05/24/01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-----	-----	-----
	01/28/02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-----	-----	-----
	09/18/02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-----	-----	-----
	12/30/02	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-----	-----	-----
	03/18/03	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-----	-----	-----
	06/04/03	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-----	-----	-----
	06/06/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	**1.5**	**0.14**	-----
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	**1.79**	**1.8**	**776**
	04/17/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	**1.92**	**0.51**	**1130**
	04/15/08	0.0028	<0.001	<0.001	<0.003	0.140	<0.05	**2.28**	**1.9**	**1030**
	03/31/09	<0.001	<0.001	<0.001	<0.003	0.230	<0.05	**1.46**	**1.5**	**852**
MW005	04/22/97	**0.54**	0.31	0.093	0.245	-----	-----	-----	-----	-----
	02/11/02	**0.60**	<0.02	0.08	0.13	27	1.83	-----	-----	-----
	06/30/05	**0.81**	ND	0.07	ND	ND	ND	-----	-----	-----
	01/27/06	**0.520**	<0.005	0.064	<0.005	2.5	<0.6	0.0202	<0.02	**1010**
	07/13/06	**0.440**	<0.001	0.072	0.0078	2.3	1.5	0.0344	<0.02	**894**
	04/19/07	**0.810**	0.0013	0.064	0.012	3.2	2.4	<0.015	<0.02	**1080**
	04/17/08	0.004	<0.001	0.0012	<0.003	2.8	0.230	0.0151	**<0.2**	**1500**
	04/07/09	**0.095**	<0.001	0.0110	<0.003	3.2	0.290	<0.015	<0.02	**1160**

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW006	04/22/97	0.34	0.28	0.11	0.33	-----	-----	-----	-----	-----
	02/11/02	0.68	0.67	0.11	0.26	71	3.6	-----	-----	-----
	04/23/07	1.50	0.36	0.10	0.84	6.3	4.2	<0.015	<0.02	2970
	04/17/08	0.036	<0.001	0.0039	0.0036	3.1	0.400	<0.015	<0.20	2780
	04/07/09	0.510	<0.005	0.0420	0.1500	3.4	1.6	<0.015	<0.02	2310
MW007	08/19/97	<0.001	0.001	0.001	0.001	-----	-----	-----	-----	-----
	05/24/01	<0.002	0.002	0.002	0.002	-----	-----	-----	-----	-----
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.015	<0.02	274
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0232	<0.02	206
	04/16/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.0152	<0.02	193
	04/03/08	0.0027	<0.001	<0.001	<0.003	<0.096	<0.05	0.036	0.034	185
	No Access (1st Half 2009) - Due to Construction Activity									
MW008	08/20/97	<0.001	<0.001	<0.001	<0.001	-----	-----	-----	-----	-----
	05/31/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	09/18/02	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	02/09/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0515	<0.08	702
	07/18/06	<0.001	<0.001	<0.001	<0.003	0.330	<0.05	0.0221	<0.02	802
	04/03/07	<0.001	<0.001	<0.001	<0.003	0.480	0.120	0.0391	<0.02	701
	04/15/08	<0.005	<0.005	<0.005	<0.015	0.410	<0.25	0.0162	<0.50	844
	03/30/09	<0.001	<0.001	<0.001	<0.003	0.180	<0.05	<0.015	<0.02	799
MW008M	02/10/06	<0.01	<0.01	<0.01	<0.03	<12	<66	0.215	<0.08	1300
	07/19/06	<0.005	<0.005	<0.005	<0.015	14.0	1.0	0.165	<0.02	1290
	04/13/07	<0.002	<0.001	<0.001	<0.003	18.0	1.3	0.163	<0.02	1200
	04/16/08	<0.002	<0.001	<0.001	<0.003	10.0	0.640	0.153	<1	1280
	03/31/09	<0.005	<0.005	<0.005	<0.015	2.5	<0.25	0.145	<0.2	1230
MW009	08/20/97	0.002	<0.001	<0.001	<0.001	-----	-----	-----	-----	-----
	05/31/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	12/19/02	<0.002	<0.002	<0.002	<0.002	0.63	<0.05	-----	-----	-----
	06/04/03	<0.002	<0.002	<0.002	<0.002	0.3	<0.05	-----	-----	-----
	01/04/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	06/06/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	02/02/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0728	0.062	253
	07/13/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	<0.015	<0.02	255
	04/15/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.0198	<0.02	384
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	0.0219	<0.02	584
MW010	09/16/97	<0.001	<0.001	<0.001	<0.001	-----	-----	-----	-----	-----
	05/24/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0586	0.055	2200
	06/30/06	<0.001	<0.001	<0.001	<0.003	0.150	<0.05	0.062	0.048	2220
	04/11/07	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	0.0483	0.043	2170
	09/19/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.0445	0.023	2430
	04/07/08	0.0041	0.0011	<0.001	<0.003	<0.1	<0.05	0.0517	<0.02*	2300
	08/13/08	0.0042	0.0055	0.013	<0.003	<0.1	0.059	0.0511	<0.02	2570
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0412	0.033	2590
	08/19/09	<0.001	<0.001	<0.001	<0.003	0.66	<0.05	0.0387	0.028	2960
MW011	05/31/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	02/09/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	3.9	3.2	1450
	07/19/06	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	3.81	3.5	1360
	03/29/07	0.0013	<0.001	<0.001	<0.003	<0.095	<0.05	4.15	3.3	1200
	04/16/08	<0.001	<0.001	<0.001	<0.003	0.10	<0.05	3.59	0.86	1660
	03/31/09	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	3.67	3.8	1380
MW011M	10/01/01	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	02/10/06	<0.01	<0.01	<0.01	<0.03	<1.2	<12	0.319	0.08	1540
	07/19/06	<0.05	<0.05	<0.05	<0.015	<250	1.7	0.267	<0.02	1470
	03/29/07	<0.005	0.0012	<0.001	<0.003	0.860	<0.05	0.205	<0.2	1410
	04/16/08	<0.002	<0.001	<0.001	<0.003	0.560	<0.05	0.092	<1	1370
	03/31/09	<0.005	<0.005	<0.005	<0.015	0.300	<0.25	0.0672	<0.2	1330
MW012	05/30/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	02/10/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.104	0.083	439
	07/20/06	<0.001	<0.001	<0.001	<0.003	0.440	0.063	0.0284	<0.02	408
	04/02/07	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.079	<0.02	436
	04/17/08	<0.005	<0.005	<0.005	<0.005	0.56	<0.25	<0.015	<0.5	848
	04/01/09	<0.001	<0.001	<0.001	<0.003	0.39	<0.05	<0.015	<0.02	447

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW012M	02/10/06	**0.050**	0.050	0.050	0.150	950.0	4.90	**0.255**	<2	**833**
	07/20/06	**0.050**	0.050	0.050	0.150	0.160	<0.05	**0.259**	<0.02	**906**
	04/05/07	<0.005	<0.005	<0.005	<0.015	140.0	0.640	**0.287**	<2	**871**
	04/17/08	**<0.02**	<0.02	<0.02	<0.06	2.89	3.90	**0.124**	<2	**781**
	04/01/09	<0.005	<0.005	<0.005	<0.015	170	3.1	**0.0782**	<0.02	**691**
MW013	05/23/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	**0.733**	**0.68**	**935**
	07/05/06	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	**0.638**	**0.61**	**946**
	04/18/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	**0.741**	**0.58**	**925**
	09/20/07	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	**0.673**	**0.62**	**784**
	04/15/08	0.0018	<0.001	<0.001	<0.003	<0.099	<0.05	**0.197**	**0.088**	**616**
	08/21/08	<0.001	<0.001	0.0011	<0.003	<0.096	<0.05	**0.604**	**0.3**	**819**
	04/01/09	<0.001	<0.001	0.0011	<0.003	<0.096	<0.05	**0.855**	**0.82**	**771**
	08/10/09	<0.001	<0.001	<0.001	<0.003	0.10	<0.05	**0.83**	**0.84**	**760**
MW014	05/24/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/26/06	<0.001	<0.001	<0.001	<0.003	0.60	<0.6	**0.325**	**0.29**	**2070**
	06/29/06	<0.001	0.0011	0.0014	<0.003	1.200	<0.05	**0.273**	**0.25**	**1880**
	04/13/07	<0.001	<0.001	<0.001	<0.003	0.980	<0.05	**0.242**	**0.23**	**1720**
	09/20/07	<0.001	<0.001	<0.001	<0.003	1.100	<0.05	**0.235**	**0.18**	**1630**
	04/07/08	0.0019	<0.001	<0.001	<0.003	1.400	<0.05	**0.231**	**0.11***	**1600**
	03/30/09	<0.001	<0.001	<0.001	<0.003	1.500	<0.05	**0.201**	**0.2**	**1460**
	08/10/09	0.0011	<0.001	<0.001	<0.003	0.650	<0.05	<0.015	<0.020	133
MW015	05/17/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**2720**
	06/29/06	<0.001	<0.001	0.0012	<0.003	0.110	<0.05	<0.015	<0.02	**2900**
	03/22/07	<0.001	<0.001	<0.001	<0.003	0.130	<0.05	<0.015	<0.02	**2570**
	09/19/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	<0.015	<0.02	**2380**
	03/24/08	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**2230**
	08/06/08	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	<0.015	<0.02	**2380**
	03/19/09	0.0029	0.0012	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**1850**
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	**1590**
MW018	05/17/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**284**
	06/29/06	<0.001	0.0030	0.0032	<0.003	0.150	<0.05	<0.015	<0.02	**318**
	04/02/07	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	<0.015	<0.02	**283**
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	212
	03/24/08	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	223
	03/19/09	0.0026	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	181
	08/19/09	<0.001	<0.001	<0.001	<0.003	0.15	<0.05	<0.015	<0.02	200
MW020	06/07/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**992**
	06/30/06	<0.001	0.0012	0.0015	<0.003	0.140	<0.05	<0.015	<0.02	**908**
	04/04/07	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	**824**
	09/18/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	<0.015	<0.02	**826**
	03/26/08	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	<0.015	<0.02	**887**
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	**785**
	03/19/09	0.0049	0.0020	<0.001	<0.003	0.150	<0.05	<0.015	<0.02	**817**
	08/21/09	<0.001	<0.001	<0.001	<0.003	0.2	<0.05	<0.015	<0.02	**1180**

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW021	01/18/99	<0.001	<0.001	<0.001	<0.001	-----	-----	-----	-----	-----
	11/17/99	<0.001	<0.001	<0.001	<0.001	-----	-----	-----	-----	-----
	05/18/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/23/02	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	12/11/02	<0.002	<0.002	<0.002	<0.002	<0.5	<0.05	-----	-----	-----
	03/05/03	<0.002	<0.002	<0.002	<0.002	<0.25	-----	-----	-----	-----
	05/21/03	<0.002	<0.002	<0.002	<0.002	<0.24	-----	-----	-----	-----
	12/21/05	ND	ND	ND	ND	0.63	ND	-----	-----	-----
	05/27/05	ND	ND	0.003	ND	0.4	ND	-----	-----	290
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	272
	06/30/06	<0.001	<0.001	<0.001	<0.003	0.780	<0.05	<0.015	<0.02	346
	04/09/07	<0.001	<0.001	<0.001	<0.003	0.460	<0.05	<0.015	<0.02	215
	09/19/07	<0.001	<0.001	<0.001	<0.003	0.380	<0.05	<0.015	<0.02	242
	04/01/08	0.017	0.0039	0.0015	<0.003	0.570	0.054	<0.015	<0.02	234
	08/07/08	<0.001	<0.001	<0.001	<0.003	0.510	<0.05	<0.015	<0.02	197
	03/24/09	<0.001	<0.001	<0.001	<0.003	0.520	<0.05	<0.015	<0.02	216
	08/06/09	<0.001	<0.001	<0.001	<0.003	0.670	<0.05	<0.015	<0.02	193
MW023	05/29/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	06/01/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.459	0.43	1290
	06/26/06	<0.001	<0.001	<0.001	<0.003	0.100	<0.005	0.549	0.55	1180
	04/18/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	1.33	1.2	965
	09/21/07	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	1.65	1.6	975
	04/09/08	0.0048	0.0012	<0.001	<0.003	<0.097	<0.05	1.66	1.7	862
	08/21/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	1.62	1.7	879
	03/31/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	1.69	1.7	949
	08/12/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	1.69	1.6	771
MW024	07/18/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	12/28/05	ND	ND	ND	ND	ND	15	-----	-----	-----
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.184	0.18	636
	06/27/06	<0.001	0.0038	0.0047	0.0039	<0.096	<0.05	0.125	0.1	613
	04/11/07	<0.001	<0.001	<0.001	<0.003	0.14	<0.05	0.0289	0.027	577
	09/14/07	<0.001	<0.001	<0.001	<0.003	0.27	<0.05	0.0443	0.043	560
	04/07/08	0.0019	<0.001	<0.001	<0.003	0.4	<0.05	0.0399	0.046*	590
	08/13/08	0.0036	0.0043	0.0099	<0.003	0.13	<0.05	0.0547	0.026	653
	03/25/09	<0.001	<0.001	<0.001	<0.003	0.11	<0.05	0.0462	0.041	717
	08/19/09	<0.001	<0.001	<0.001	<0.003	0.18	<0.05	0.0454	0.037	719
MW025	05/29/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0403	0.036	281
	07/05/06	<0.001	0.0013	0.0012	<0.003	1.300	<0.05	<0.015	<0.02	397
	03/22/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	375
	09/19/07	<0.001	<0.001	<0.001	<0.003	0.430	<0.05	<0.015	<0.02	320
	03/24/08	<0.001	<0.001	<0.001	<0.003	0.570	<0.05	<0.015	<0.02	393
	08/07/08	<0.001	<0.001	<0.001	<0.003	0.290	<0.05	<0.015	<0.02	392
	03/19/09	0.0035	0.0014	<0.001	<0.003	0.330	<0.05	<0.015	<0.02	418
	08/20/09	<0.001	<0.001	<0.001	<0.003	0.410	<0.05	<0.015	<0.02	432
MW026	05/18/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0176	<0.02	766
	06/23/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	708
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	737
	09/11/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	731
	03/25/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	805
	08/11/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	825
	No Access (1st Half 2009) - Due to Construction Activity									
	08/24/09	<0.001	<0.001	<0.001	<0.003	0.15	<0.05	<0.015	<0.02	866
MW027	05/18/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0557	<0.02	355
	06/23/06	<0.001	<0.001	<0.001	<0.003	0.270	<0.05	<0.015	<0.02	408
	03/21/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.0221	<0.02	399
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0216	<0.02	370
	No Access (1st Half 2009)									
	08/19/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	344

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Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW028	05/22/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/18/06	<0.001	<0.001	<0.001	<0.003	ND	ND	0.0301	<0.02	655
	06/20/06	<0.001	<0.001	<0.001	<0.003	0.320	<0.05	<0.015	<0.02	629
	03/21/07	<0.001	<0.001	<0.001	<0.003	0.280	<0.05	<0.015	<0.02	418
	09/06/07	<0.001	<0.001	<0.001	<0.003	0.290	<0.05	<0.015	<0.02	389
	03/19/08	<0.001	<0.001	<0.001	<0.003	0.140	<0.05	<0.015	<0.02	292
	08/12/08	<0.001	<0.001	<0.001	<0.003	0.250	<0.05	<0.015	<0.02	333
	03/19/09	0.0085	0.0028	0.0012	<0.003	<0.095	<0.05	<0.015	<0.02	253
	08/24/09	<0.001	<0.001	<0.001	<0.003	0.490	0.12	<0.015	<0.02	438
MW029	05/18/01	<0.002	<0.002	<0.002	<0.002	-----	-----	-----	-----	-----
	01/18/06	<0.001	<0.001	<0.001	<0.003	ND	ND	<0.015	<0.02	147
	06/20/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	155
	03/28/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	145
	09/06/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	138
	03/20/08	<0.001	<0.001	0.003	<0.003	<0.096	<0.05	<0.015	<0.02	138
	08/05/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	142
	03/16/09	0.0079	0.0031	0.0013	<0.003	<0.096	<0.05	<0.015	<0.02	138
	08/24/09	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	136
MW030	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	411
	06/22/06	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	248
	03/28/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	387
	09/11/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	360
	03/25/08	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	363
	08/05/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	328
	03/16/09	0.012	0.0043	0.0017	<0.003	<0.094	<0.05	<0.015	<0.02	346
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	180
MW031	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	113
	06/21/06	<0.001	<0.001	<0.001	<0.003	0.360	<0.05	<0.015	<0.02	131
	03/28/07	<0.001	<0.001	<0.001	<0.003	0.210	<0.05	<0.015	<0.02	97.3
	09/11/07	<0.001	<0.001	<0.001	<0.003	0.230	<0.05	<0.015	<0.02	104
	03/20/08	<0.001	0.0011	0.0031	<0.003	0.230	<0.05	<0.015	<0.02	103
	08/05/08	<0.001	<0.001	<0.001	<0.003	0.260	<0.05	<0.015	<0.02	90.4
	03/24/09	<0.001	<0.001	<0.001	<0.003	0.150	<0.05	<0.015	<0.02	121
	08/04/09	<0.001	<0.001	<0.001	<0.003	0.170	<0.05	<0.015	<0.02	95.9
MW032	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0405	<0.02	279
	06/21/06	<0.001	<0.001	<0.001	<0.003	0.140	<0.05	0.0261	<0.02	249
	04/13/07	<0.001	<0.001	<0.001	<0.003	0.190	<0.05	0.0195	<0.02	246
	09/07/07	<0.001	<0.001	<0.001	<0.003	0.210	<0.05	<0.015	<0.02	228
	04/07/08	0.010	0.0022	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	255
	08/14/08	0.0012	0.0012	0.0023	<0.003	<0.1	<0.05	<0.015	<0.02	268
	03/30/09	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	255
	08/06/09	<0.001	<0.001	<0.001	<0.003	0.490	0.24	<0.015	<0.02	227
MW033	04/03/02	0.3	2.9	0.4	0.7	0.68	12.4	-----	-----	-----
	09/23/02	0.7	8	1	1.5	0.64	28	-----	-----	-----
	01/08/03	0.8	5.4	0.9	1.1	0.57	18	-----	-----	-----
	06/05/03	0.48	0.07	0.48	0.03	0.61	2.3	-----	-----	-----
	01/13/05	0.49	1.6	0.47	0.53	0.37	10	-----	<0.02	840
	05/25/05	0.38	1.3	0.4	0.43	0.47	9.3	-----	<0.02	770
	01/27/06	0.370	0.960	0.420	0.450	<0.6	1.4	<0.015	<0.02	795
	06/26/06	0.250	0.680	0.340	0.350	0.880	4.6	<0.015	<0.02	779
	04/23/07	0.190	0.320	0.380	0.200	1.100	3.100	<0.015	<0.02	495
	09/21/07	0.180	0.380	0.400	0.190	1.400	2.900	<0.015	<0.02	539
	03/19/08	0.170	0.380	0.420	0.200	1.30	3.40	<0.015	<0.02	723
	08/13/08	0.140	0.093	0.210	0.049	0.730	1.500	<0.015	<0.02	818
	04/01/09	0.180	0.190	0.280	0.110	0.990	2.400	<0.015	<0.02	699
	08/24/09	0.180	0.150	0.260	0.085	0.890	2.000	<0.015	<0.02	915
MW034	12/05/02	<0.002	<0.002	<0.002	<0.002	<0.5	<0.05	-----	-----	-----
	03/05/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	01/05/05	ND	ND	ND	ND	ND	ND	-----	-----	540
	06/07/05	ND	ND	ND	ND	ND	ND	-----	-----	480
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0838	0.08	443
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0533	0.045	412
	04/09/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0491	0.033	343
	04/01/08	0.008	0.0022	0.001	<0.003	<0.097	<0.05	0.0612	0.049	363
	03/25/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0883	0.078	414

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW035	01/29/02	<0.002	<0.002	<0.002	<0.002	<0.26	<0.05	-----	-----	-----
	09/11/02	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	03/05/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	12/21/04	ND	ND	ND	ND	ND	ND	-----	0.005	70
	05/25/05	0.002	0.018	0.011	0.01	ND	0.19	-----	-----	30
	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	33.3
	06/22/06	<0.001	<0.001	<0.001	<0.003	0.700	<0.05	<0.015	<0.02	80.3
	04/02/07	<0.001	<0.001	<0.001	<0.003	0.260	<0.05	<0.015	<0.02	59.2
	04/02/08	0.0053	0.0015	<0.001	<0.003	0.740	<0.05	<0.015	<0.02	54.9
	03/24/09	<0.001	<0.001	<0.001	<0.003	0.580	<0.05	<0.015	<0.02	225
MW036	08/29/01	<0.002	0.005	<0.002	0.047	-----	-----	-----	-----	-----
	09/19/02	<0.002	<0.002	<0.002	0.019	1.10	0.71	-----	-----	-----
	01/17/03	0.003	<0.002	<0.002	0.11	1.60	0.9	-----	-----	-----
	01/12/05	ND	ND	ND	ND	1.50	0.42	-----	<0.005	**760**
	05/31/05	ND	ND	0.003	0.49	2.10	0.51	-----	<0.005	**610**
	01/26/06	0.0019	<0.001	<0.001	0.070	1.5	0.60	0.0172	<0.02	**685**
	07/12/06	0.0096	0.0013	0.0026	0.098	3.200	0.850	<0.015	<0.02	**663**
	04/19/07	**0.018**	<0.001	0.030	0.400	2.000	2.300	<0.015	<0.02	**460**
	04/16/08	**0.026**	<0.001	0.0046	0.440	3.20	3.70	<0.015	<0.02	183
	04/07/09	**0.014**	0.001	0.0033	0.420	3.20	2.70	<0.015	<0.02	**460**
MW037	08/29/01	**2.0**	<0.1	0.4	**0.7**	0.56	6.48	**0.05**	0.005	**740**
	02/07/02	**1.7**	<0.04	0.36	0.19	0.71	3.82	**0.05**	0.005	**770**
	09/19/02	**3.4**	<0.08	0.32	0.1	1.3	2.5	**0.05**	0.01	**380**
	01/08/03	**3.7**	<0.1	0.4	0.4	1.8	11.0	-----	0.005	**330**
	06/05/03	**2.1**	<0.08	0.35	0.27	1.3	4.4	-----	0.005	**350**
	01/12/05	**1.8**	<0.02	0.56	0.23	2.3	7.0	-----	<0.005	**460**
	05/26/05	**1.9**	<0.02	0.31	0.18	3.5	8.0	0.01	<0.005	**530**
	01/27/06	**3.0**	0.017	0.42	0.079	5.8	1.3	<0.015	<0.02	**605**
	07/13/06	**2.2**	<0.005	0.14	0.020	5.30	5.7	<0.015	<0.02	**585**
	04/19/07	**2.4**	<0.005	0.25	0.033	3.90	6.5	<0.015	0.02	**669**
	04/16/08	**1.80**	<0.005	0.100	0.022	6.90	4.60	<0.015	**<0.08**	**1020**
	04/07/09	**0.073**	<0.001	0.040	0.004	2.70	0.50	<0.015	<0.02	**1810**
MW038	08/29/01	<0.002	<0.002	<0.002	<0.002	0.34	<0.05	-----	-----	-----
	02/07/02	0.003	<0.002	<0.002	<0.002	0.43	<0.05	-----	-----	-----
	09/19/02	**0.088**	<0.004	<0.004	<0.004	0.62	0.11	-----	-----	-----
	01/07/03	**0.024**	<0.002	<0.002	<0.002	0.71	0.16	-----	-----	-----
	06/05/03	**0.011**	<0.002	<0.002	<0.002	0.6	0.14	-----	-----	-----
	01/12/05	0.005	ND	ND	ND	0.31	ND	-----	<0.01	**530**
	05/31/05	0.005	ND	ND	ND	0.3	ND	-----	<0.005	-----
	01/26/06	0.0042	<0.001	<0.001	<0.003	<0.6	<0.6	**0.216**	<0.02	**508**
	07/13/06	0.0084	<0.001	<0.001	<0.003	0.450	<0.05	**0.121**	<0.02	**510**
	04/19/07	**0.020**	<0.001	0.0029	0.0063	0.690	0.110	**0.313**	<0.02	**414**
	04/16/08	<0.001	<0.001	<0.001	<0.003	0.390	<0.05	**0.179**	**0.13**	**260**
	04/07/09	<0.001	<0.001	<0.001	<0.003	0.350	<0.05	**0.185**	**0.13**	**301**
MW043	04/25/02	<0.002	<0.002	<0.002	<0.002	<0.26	<0.05	-----	-----	-----
	09/11/02	<0.002	<0.002	<0.002	<0.002	0.25	<0.05	-----	-----	-----
	03/19/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	12/28/04	ND	ND	ND	ND	0.79	0.062	-----	-----	-----
	05/27/05	ND	0.002	ND	ND	0.43	0.058	-----	-----	180
	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**746**
	06/30/06	<0.001	<0.001	<0.001	<0.003	0.200	<0.05	<0.015	<0.02	170
	04/09/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	<0.015	<0.02	103
	03/26/08	<0.001	<0.001	<0.001	<0.003	0.870	<0.05	<0.015	<0.02	212
	03/24/09	<0.001	<0.001	<0.001	<0.003	0.930	<0.05	<0.015	<0.02	240
MW044	04/03/02	<0.002	<0.002	<0.002	<0.002	-----	<0.005	-----	-----	-----
	09/18/02	<0.002	<0.002	<0.002	<0.002	-----	<0.005	-----	-----	-----
	01/02/03	<0.002	<0.002	<0.002	<0.002	-----	<0.005	-----	-----	-----
	06/04/03	<0.002	<0.002	<0.002	<0.002	-----	<0.005	-----	-----	-----
	01/05/05	ND	ND	ND	ND	0.72	ND	-----	-----	**860**
	06/09/05	ND	ND	ND	ND	0.61	ND	-----	**0.67**	**880**
	02/02/06	<0.001	<0.001	<0.001	<0.003	0.67	<0.6	**0.242**	**0.16**	**695**
	07/21/06	<0.001	<0.001	<0.001	<0.003	2.70	<0.05	<0.015	<0.02	**540**
	04/06/07	<0.001	<0.001	<0.001	<0.003	3.10	<0.05	<0.015	<0.02	**430**
	04/09/08	<0.001	<0.001	<0.001	<0.003	1.10	<0.05	**0.130**	**0.11**	**448**
	03/25/09	<0.001	<0.001	<0.001	<0.003	2.40	<0.05	**0.108**	**0.084**	**505**

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW045	04/04/02	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	09/12/02	<0.002	<0.002	<0.002	<0.002	<0.24	<0.05	-----	-----	-----
	12/19/02	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	05/27/03	<0.002	<0.002	<0.002	<0.002	<0.26	<0.05	-----	-----	-----
	05/27/05	0.003	ND	0.004	ND	0.32	0.1	-----	-----	330
	01/27/06	<0.001	<0.001	<0.001	<0.003	1.3	<0.6	<0.015	<0.02	328
	07/12/06	<0.001	<0.001	0.0016	0.0042	2.800	0.110	<0.015	<0.02	373
	04/02/07	<0.001	<0.001	<0.001	<0.003	2.800	-----	<0.015	-----	376
	04/17/07	<0.001	<0.001	<0.001	<0.003	2.400	0.170	<0.015	<0.02	340
	04/02/08	0.0068	0.0021	0.0012	0.003	3.300	0.190	<0.015	<0.02	351
	03/24/09	<0.001	<0.001	<0.001	<0.003	3.200	0.160	<0.015	<0.02	256
MW046	04/04/02	<0.002	<0.002	<0.002	0.02	0.77	0.194	-----	-----	-----
	09/19/02	<0.002	<0.002	<0.002	0.008	0.92	0.34	-----	-----	-----
	01/07/03	0.003	0.016	<0.002	0.018	0.66	<0.5	-----	-----	-----
	06/04/03	0.006	<0.002	<0.002	0.012	2.4	0.4	-----	-----	-----
	01/12/05	ND	ND	ND	ND	3.4	0.25	-----	<0.005	170
	05/26/05	0.005	0.003	0.009	0.027	2.7	0.4	-----	-----	130
	01/26/06	0.0025	<0.001	0.0035	0.011	6.2	<0.6	<0.015	<0.02	296
	07/12/06	0.006	0.0017	0.010	0.027	4.300	0.330	<0.015	<0.02	376
	04/19/07	<0.001	<0.001	<0.001	<0.003	3.300	0.400	<0.015	<0.02	550
	04/17/08	**0.021**	0.0011	0.052	0.026	4.60	0.550	<0.015	<0.02	580
	04/07/09	**0.022**	0.0014	0.055	0.089	5.20	0.650	<0.015	<0.02	551
MW047	04/04/02	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	09/17/02	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	01/02/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	06/02/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	06/06/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0854	0.077	356
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	0.0573	0.043	232
	04/17/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0511	0.03	206
	04/03/08	0.0041	0.0013	<0.001	<0.003	<0.097	<0.05	0.107	0.11	212
	No Access (1st Half 2009) - Due to Construction Activity									
MW058	01/28/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.25	-----	-----	-----
	01/03/05	ND	ND	ND	ND	ND	ND	-----	0.17	580
	06/08/05	ND	ND	ND	ND	ND	ND	1.36	1.1	-----
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.581	0.54	610
	07/06/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.599	0.57	639
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.835	0.86	694
	04/15/08	0.0023	<0.001	<0.001	<0.003	<0.095	<0.05	1.7	1.7	1040
	08/21/08	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	2.26	2.2	1140
	04/02/09	<0.001	<0.001	0.0016	<0.003	<0.094	<0.05	2	1.9	876
	08/19/09	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	2.22	1.1	1050
MW059	01/29/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.25	-----	-----	-----
	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.101	0.095	435
	06/26/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.005	0.124	0.12	446
	09/12/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.185	0.19	255
	04/03/08	0.0032	0.001	<0.001	<0.003	<0.096	<0.05	0.200	<0.02	499
	08/14/08	0.0016	0.0016	0.0028	<0.003	<0.1	<0.05	0.546	0.45	1010
	03/31/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.206	0.2	517
	08/12/09	<0.001	<0.001	<0.001	<0.003	0.11	<0.05	0.210	0.22	497
MW060	01/08/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	961
	07/06/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	842
	03/28/07	<0.001	<0.001	<0.001	<0.003	<0.098	<0.005	<0.015	<0.02	876
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	983
	03/25/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	1030
	08/11/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	1130
	03/18/09	0.0052	0.0021	0.0010	<0.003	<0.098	<0.05	<0.015	<0.02	1160
	08/24/09	<0.001	<0.001	<0.001	<0.003	0.11	<0.05	<0.015	<0.02	1450
MW061	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	4.07	0.38	844
	07/05/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	3.91	3.6	766
	04/18/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.005	3.81	3.4	756
	09/21/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	3.45	3.1	697
	08/07/08	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	2.95	2.6	707
	04/01/09	0.002	0.013	0.0046	0.0036	0.140	0.078	2.7	2.7	651
	08/19/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	4.24	4.4	716

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NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW068	03/05/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**1910**
	06/21/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**932**
	03/22/07	<0.001	<0.001	<0.001	<0.003	-----	<0.05	<0.015	<0.02	128
	09/07/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**1250**
	03/25/08	0.0015	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**2340**
	08/11/08	0.0032	<0.001	<0.001	<0.003	0.680	<0.05	<0.015	<0.02	**5690**
	03/18/09	0.0053	0.0022	0.0011	<0.003	0.096	<0.05	<0.015	<0.02	**1170**
	08/24/09	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	<0.015	<0.02	**2110**
MW069	03/05/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0481	<0.02	**4330**
	06/21/06	<0.001	<0.001	<0.001	<0.003	0.260	<0.05	<0.015	<0.02	**2400**
	03/22/07	<0.001	<0.001	<0.001	<0.003	0.490	<0.05	<0.015	<0.02	**1490**
	09/07/07	<0.001	<0.001	<0.001	<0.003	0.500	<0.05	<0.015	<0.02	**2600**
	No Access (1st Half 2009) - Due to Construction Activity									
	08/24/09	0.0063	0.01	0.022	0.0064	0.610	0.12	<0.015	<0.02	**3470**
MW070	03/06/03	<0.002	<0.002	<0.002	<0.002	<0.25	<0.05	-----	-----	-----
	01/27/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	155
	06/22/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	163
	03/29/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	191
	09/12/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	46
	03/25/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**275**
	08/05/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	237
	03/16/09	**0.022**	0.0068	0.0022	<0.003	<0.095	0.062	<0.015	<0.02	232
	08/20/09	<0.001	<0.001	<0.001	<0.003	0.28	<0.05	<0.015	<0.02	197
MW088M	09/13/04	ND	ND	ND	ND	39	7	-----	-----	-----
	02/06/06	**<0.1**	<0.1	<0.1	<0.3	<1,200	<4,000	**0.691**	<2	**626**
	07/20/06	<0.001	<0.001	<0.001	<0.003	<4.8	<0.05	**0.108**	<0.02	**879**
	04/05/07	<0.005	<0.001	<0.001	<0.003	<0.11	<0.05	0.0346	<0.02	**701**
	04/21/08	**<0.02**	<0.02	<0.02	<0.06	71.00	4.70	**0.273**	<2.0	**801**
	04/01/09	**<0.05**	<0.05	<0.05	<0.15	1,500	4.90	**0.186**	**<2**	**720**
RWOO2	02/10/06	<0.01	<0.01	<0.01	<0.03	-----	-----	**0.295**	<0.02	**1390**
	07/20/06	<0.001	<0.001	<0.001	<0.003	380	50	**0.0581**	<0.02	**1220**
	03/29/07	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	**0.205**	<0.02	**1080**
	04/17/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	**0.0523**	<0.02	**1220**
	03/31/09	<0.005	<0.005	<0.005	<0.015	6.6	<0.25	**0.0662**	**<2.00**	**942**
RW003	02/10/06	<0.01	<0.01	<0.01	<0.03	-----	-----	0.015	<0.02	**545**
	07/20/06	<0.005	<0.005	<0.005	<0.015	2400	250	0.015	<0.02	**585**
	04/02/07	<0.005	<0.005	<0.005	<0.015	1.10	<0.25	<0.015	**<0.2**	**627**
	04/21/08	<0.005	<0.005	<0.005	<0.0015	0.67	0.25	<0.015	**<0.5**	**441**
	04/01/09	<0.005	<0.005	<0.005	<0.0150	0.76	<0.25	<0.015	**<0.2**	**487**
IWO01	02/06/06	**<0.025**	<0.025	<0.025	<0.075	-----	-----	<0.015	**<2**	146
	07/20/06	<0.01	<0.01	<0.01	<0.03	480000	6200	0.02	<0.02	240
	04/16/07	**<0.05**	<0.05	<0.05	0.150	550	4.500	<0.015	**<2**	**689**
	04/17/08	**<0.02**	<0.02	<0.02	<0.06	230	2.800	<0.375	**<2**	**686**
	03/31/09	0.0059	0.0053	<0.005	<0.015	35	0.250	<0.015	**<2**	**738**
IWO02	02/06/06	**30**	<0.02	<0.02	<0.06	-----	-----	0.0166	**<2**	126
	07/20/06	<0.01	<0.01	<0.01	<0.05	960000	6600	0.0154	<0.02	133
	04/11/07	**<0.1**	<0.1	<0.1	<0.3	17	<5	**<0.075**	**<2**	**317**
	04/21/08	**<0.02**	<0.02	<0.02	<0.06	310	<0.1	**<0.075**	**<2**	**371**
	4/6/2009*	**<0.05**	<0.05	<0.05	<0.15	6	<2.5	**<0.075**	**<2**	**501**
Deep Zone Wells										
MW0002A	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0268	0.026	**506**
	07/06/06	<0.001	<0.001	<0.001	<0.003	0.460	<0.05	**0.0787**	**0.068**	**848**
	04/12/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	**0.0586**	0.045	**729**
	04/02/08	**0.015**	0.0032	0.0012	<0.003	0.740	<0.05	**0.278**	**0.27**	**1460**
	03/31/09	<0.001	<0.001	<0.001	<0.003	0.510	<0.05	**0.333**	**0.34**	**1160**
MW004A	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	**0.175**	**0.18**	**483**
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	**0.177**	**0.18**	**373**
	04/16/07	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	**0.265**	**0.28**	**523**
	04/03/08	**0.012**	0.0025	<0.001	<0.003	<0.096	<0.05	**0.334**	**0.23**	**571**
	03/30/09	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	**0.271**	**0.25**	**465**

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW007A	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.53	0.52	585
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.367	0.38	409
	04/16/07	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	0.641	0.69	710
	04/03/08	0.0099	0.0021	<0.001	<0.003	<0.096	<0.05	0.732	0.68	689
	No Access (1st Half 2009) - Due to Construction Activity									
MW008A	02/09/06	<0.025	<0.025	<0.025	<0.075	<1.2	<6	0.205	<0.08	996
	07/18/06	<0.005	<0.005	<0.005	<0.015	6.5	0.6	0.151	<0.02	1020
	04/03/07	<0.005	<0.001	<0.001	<0.003	20.0	2.2	0.204	<0.2	1010
	04/15/08	<0.025	<0.025	<0.025	<0.075	56.0	2.4	0.18	<1	1030
	03/26/09	<0.005	<0.005	<0.005	<0.015	56.0	1.2	0.149	<0.2	1130
MW009A	01/11/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	02/02/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.938	0.9	644
	07/13/06	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.88	0.78	642
	04/04/07	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	0.916	0.84	356
	04/15/08	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.902	0.92	706
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.803	0.86	683
MW011A	02/10/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	3.75	3.5	1350
	07/19/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	4.32	4.2	1480
	03/29/07	0.0017	<0.001	<0.001	<0.003	0.140	<0.05	3.94	3.4	1370
	04/16/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	3.88	3.8	1460
	03/31/09	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	3.77	3.7	1420
MW012A	02/10/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	72.6
	07/20/06	<0.001	<0.001	<0.001	<0.003	0.160	<0.05	<0.015	<0.02	88.1
	04/05/07	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	<0.015	<0.02	99
	04/21/08	<0.001	<0.001	<0.001	<0.003	0.180	<0.05	<0.015	<0.02	81.8
	04/01/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	100
MW013A	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0492	0.039	111
	07/05/06	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	0.0308	0.021	84
	04/16/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0626	0.043	122
	09/21/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0295	0.028	86
	04/07/08	0.0074	0.0017	<0.001	<0.003	<0.096	<0.05	0.0245	0.04*	87.5
	08/21/08	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	0.0269	0.023	85.3
	03/30/09	<0.001	<0.001	<0.001	<0.003	0.160	<0.05	<0.015	<0.020	68
	08/04/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.020	72.5
MW014A	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	45.8
	06/29/06	<0.001	0.0010	0.0014	<0.003	<0.095	<0.05	<0.015	<0.02	47.9
	03/21/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	45.6
	09/13/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	46.2
	03/24/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	47.9
	03/18/09	0.017	0.0058	0.0019	<0.003	<0.096	<0.06	<0.015	<0.02	44.9
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	45.6
MW015A	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	1130
	06/29/06	<0.001	0.0018	0.0019	<0.003	<0.095	<0.05	<0.015	<0.02	1440
	03/22/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	1320
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	1400
	03/24/08	<0.001	<0.001	0.0014	<0.003	<0.096	<0.05	<0.015	<0.02	1910
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	2020
	03/19/09	0.0098	0.0027	0.0011	<0.003	<0.096	<0.05	<0.015	<0.02	2010
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	2270
MW016A	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	255
	06/29/06	<0.001	<0.001	0.0013	<0.003	<0.096	<0.05	<0.015	<0.02	267
	03/22/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	260
	09/13/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	269
	03/19/08	<0.001	0.0053	0.014	0.0051	<0.097	0.070	<0.015	<0.02	289
	08/07/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	352
	03/17/09	0.0076	0.0030	0.0012	<0.003	<0.094	<0.05	<0.015	<0.02	368
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	509
MW017A	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	69.7
	06/29/06	<0.001	0.0012	0.0014	<0.003	<0.095	<0.05	<0.015	<0.02	87.8
	03/21/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.005	<0.015	<0.02	83.7
	WELL WAS PLUGGED AND ABANDONED									

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW018A	05/31/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**284**
	06/29/06	<0.001	0.0023	0.0027	<0.003	<0.095	<0.05	<0.015	<0.02	**318**
	04/02/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**283**
	09/13/07	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	<0.015	<0.02	212
	03/24/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	233
	03/18/09	0.0079	0.0029	0.0013	<0.003	<0.094	<0.05	<0.015	<0.02	219
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**304**
MW019A	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**385**
	06/30/06	<0.001	0.0023	0.0022	<0.003	<0.094	<0.05	<0.015	<0.02	**360**
	04/04/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**343**
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**306**
	03/26/08	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	**398**
	08/07/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**394**
	03/17/09	**0.011**	0.0039	0.0015	<0.003	<0.096	<0.05	<0.015	<0.02	**321**
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**491**
MW020A	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**521**
	06/30/06	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**579**
	04/04/07	<0.001	<0.001	<0.001	<0.003	0.120	<0.05	0.0185	<0.02	**862**
	09/18/07	<0.001	<0.001	<0.001	<0.003	0.100	<0.05	<0.015	0.024	**708**
	03/26/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**789**
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	**867**
	03/19/09	0.0056	0.0022	<0.001	<0.003	0.150	<0.05	0.0173	<0.02	**1060**
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**1110**
MW021A	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0307	0.026	**6110**
	06/30/06	<0.001	<0.001	<0.001	<0.003	0.400	<0.05	0.0326	0.033	**7720**
	04/09/07	<0.001	<0.001	<0.001	<0.003	1.200	<0.05	<0.015	<0.020	**3350**
	09/19/07	<0.001	<0.001	<0.001	<0.003	0.560	<0.05	0.0261	0.027	**6180**
	04/01/08	**0.031**	0.0057	0.0017	<0.003	0.700	0.091	0.0365	0.023	**6440**
	03/24/09	<0.001	<0.001	<0.001	<0.003	0.560	<0.05	0.0264	<0.020	**6370**
	08/06/09	<0.001	<0.001	<0.001	<0.003	0.810	0.054	0.0318	0.031	**6020**
MW022A	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0217	<0.02	70.5
	07/06/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	65.2
	03/30/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0181	<0.02	69
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0211	<0.02	61.3
	04/02/08	**0.024**	0.0049	0.0015	<0.003	<0.095	0.068	0.0305	<0.02	67.9
	08/13/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.0306	0.026	75.3
	03/18/09	0.0036	0.0016	<0.001	<0.003	<0.097	<0.05	0.0275	0.022	61
	08/25/09	<0.001	<0.001	0.0026	<0.003	<0.096	<0.05	0.0315	0.026	68.7
MW023A	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	50.1
	06/26/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.005	<0.015	<0.02	48.5
	03/29/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	48.4
	09/12/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	46.2
	03/25/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	52.2
	08/12/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	52.3
	03/18/09	**0.031**	0.0073	0.002	<0.003	0.099	0.094	<0.015	<0.02	46.6
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	50.6
MW024A	07/18/05	ND	ND	ND	ND	ND	18	-----	-----	-----
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.043	0.04	181
	06/27/06	<0.001	0.0035	0.0043	0.0035	<0.096	<0.05	0.0446	0.02	203
	04/11/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.0242	0.021	170
	09/19/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.0254	0.023	180
	04/07/08	0.0046	0.0012	<0.001	<0.003	<0.095	<0.05	0.0279	0.044*	195
	08/13/08	0.0043	0.0047	0.010	<0.003	<0.1	<0.05	**0.134**	**0.091**	**474**
	03/25/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	**0.162**	**0.15**	**530**
	08/12/09	0.002	0.0013	<0.001	<0.003	0.24	<0.05	0.0307	0.034	63.5
MW039A	01/06/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	**0.198**	**0.18**	**312**
	07/06/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	**0.217**	**0.21**	**324**
	04/12/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	**0.178**	**0.18**	**299**
	04/03/08	**0.038**	0.0059	0.0015	<0.003	<0.095	0.100	**0.265**	**0.24**	**405**
	04/02/09	<0.001	<0.001	0.0022	<0.003	<0.096	<0.05	**0.297**	**0.28**	**365**

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW040A	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	53.9
	06/28/06	<0.001	0.0021	0.0026	<0.003	<0.095	<0.005	<0.015	<0.02	52.8
	04/02/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	63.1
	09/12/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	54
	03/24/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	58.8
	08/07/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	55.3
	03/17/09	0.0068	0.0025	0.0011	<0.003	<0.098	<0.05	<0.015	<0.02	54.1
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	54.1
MW041A	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.663	0.6	686
	07/07/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.52	0.53	616
	04/17/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.415	0.4	509
	04/15/08	0.0038	<0.001	<0.001	<0.003	1.50	<0.05	0.393	0.35	530
	04/01/09	0.0019	0.004	0.011	0.0031	<0.096	0.072	0.380	0.35	449
MW042A	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.015	0.02	5.3
	06/22/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.156	0.14	3730
	04/17/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.172	0.16	4010
	04/02/08	0.010	0.0025	<0.001	<0.003	<0.095	<0.05	0.268	0.26	3520
	03/31/09	<0.001	<0.001	<0.001	<0.003	0.120	<0.05	0.351	0.31	2990
MW046A	01/11/05	ND	ND	ND	ND	0.46	ND	-----	0.005	580
	05/24/05	0.005	ND	ND	ND	0.35	ND	-----	-----	570
	01/26/06	0.0019	<0.001	<0.001	<0.003	<0.6	<0.6	0.387	0.38	676
	07/12/06	<0.001	<0.001	<0.001	<0.003	0.330	<0.05	0.441	0.44	637
	04/17/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.586	0.45	595
	04/02/08	0.0087	0.0024	<0.001	<0.003	0.097	<0.05	0.485	0.48	676
	03/31/09	<0.001	<0.001	<0.001	<0.003	0.280	<0.05	0.591	0.56	568
MW048SA	06/07/05	ND	ND	ND	ND	ND	ND	-----	-----	540
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.171	0.17	437
	07/11/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	0.176	0.17	586
	04/10/07	<0.001	<0.001	<0.001	<0.003	NA	<0.05	0.228	0.21	453
	09/20/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.253	0.23	464
	04/01/08	0.0069	0.0019	<0.001	<0.003	<0.099	<0.05	0.272	0.26	497
	08/20/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.305	0.32	510
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.294	0.3	589
	08/12/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.31	0.32	492
MW049SA	01/06/05	ND	ND	ND	ND	ND	ND	-----	0.065	3200
	06/06/05	ND	ND	ND	ND	ND	ND	-----	-----	2700
	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0624	0.06	2770
	07/11/06	<0.001	<0.001	<0.001	<0.003	0.170	<0.05	0.0701	0.061	2480
	04/10/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.0823	0.078	2320
	04/08/08	0.0023	<0.001	<0.001	<0.003	<0.098	<0.05	0.0953	0.094	2260
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.103	0.11	2210
MW050SA	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.187	0.19	1210
	07/10/06	<0.001	<0.001	<0.001	<0.003	0.690	<0.05	0.215	0.2	1500
	04/09/07	<0.001	<0.001	<0.001	<0.003	0.280	<0.05	0.285	0.22	1230
	04/01/08	0.017	0.0041	0.0015	<0.003	0.560	0.052	0.27	0.22	1500
	03/25/09	<0.001	<0.001	<0.001	<0.003	0.74	<0.05	0.262	0.24	1260
MW051SA	01/11/05	ND	ND	ND	ND	ND	ND	-----	0.56	-----
	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.694	0.66	1490
	07/11/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	0.688	0.69	1630
	04/17/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.895	0.68	1540
	04/09/08	0.0013	<0.001	<0.001	<0.003	<0.095	<0.05	0.654	0.63	1370
	04/02/09	<0.001	<0.001	0.0023	<0.003	0.210	<0.05	0.721	0.70	1240
MW052SA	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.4	0.39	2440
	07/11/06	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.373	0.36	1590
	04/10/07	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	0.378	0.36	1600
	04/08/08	0.0014	<0.001	<0.001	<0.003	0.260	<0.05	0.376	0.30	1690
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.34	0.35	1980

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW053SA	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	266
	07/11/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	249
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	228
	09/20/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	193
	03/26/08	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	161
	03/18/09	0.0035	0.0015	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	194
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	205
MW054SA	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.262	0.27	838
	07/11/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	0.148	0.15	807
	04/10/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.145	0.14	868
	09/20/07	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	0.138	0.12	844
	04/08/08	0.0013	<0.001	<0.001	<0.003	<0.097	<0.05	0.121	0.11	925
	08/20/08	<0.001	<0.001	0.0011	<0.003	<0.1*	<0.05	0.121	0.13	985
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.095*	<0.05	0.111	0.11	978
	08/10/09	<0.001	<0.001	<0.001	<0.003	0.11	<0.05	0.107	0.1	834
MW055SA	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.213	0.21	705
	06/28/06	<0.001	0.0039	0.0039	0.0032	<0.097	<0.05	0.145	0.15	113
	04/10/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.202	0.19	593
	09/20/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.227	0.19	576
	04/09/08	0.0016	<0.001	<0.001	<0.003	<0.095	<0.05	0.230	0.22	589
	08/19/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.224	0.22	582
	03/26/09	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.228	0.25	719
	08/12/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.243	0.25	589
MW056SA	01/26/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.432	0.4	1330
	07/12/06	<0.001	0.0012	0.0011	<0.003	0.220	<0.05	0.375	0.42	1460
	04/11/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.323	0.28	1320
	09/21/07	<0.001	<0.001	<0.001	<0.003	0.170	<0.05	0.445	0.41	1470
	04/09/08	0.0016	<0.001	<0.001	<0.003	<0.095	<0.05	0.417	0.40	1400
	08/19/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.365	0.35	1540
	03/25/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.402	0.41	1230
	08/12/09	<0.001	<0.001	<0.001	<0.003	0.160	<0.05	0.398	0.41	1330
MW057SA	06/01/05	ND	ND	ND	ND	ND	ND	-----	-----	240
	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	196
	06/28/06	<0.001	0.0031	0.0035	0.0031	<0.97	<0.05	<0.015	<0.02	139
	03/29/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	218
	09/12/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0201	<0.02	232
	03/27/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.0493	0.034	548
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0478	0.052	472
	03/17/09	0.0062	0.0024	0.0011	<0.003	<0.099	<0.05	0.0404	0.03	324
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0393	0.034	581
MW062A	01/24/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	64
	06/27/06	0.0019	0.011	0.010	0.0086	<0.096	0.097	<0.015	<0.02	64.5
	04/20/07	0.0034	<0.001	0.0023	<0.003	<0.097	<0.05	<0.015	<0.02	56.8
	09/14/07	0.001	0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	60.4
	04/09/08	0.003	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	62.5
	08/18/08	<0.001	<0.001	0.0013	<0.003	<0.096	<0.05	<0.015	<0.02	60.2
	04/02/09	<0.001	<0.001	0.0029	<0.003	<0.096	<0.05	<0.015	<0.02	57.2
	08/03/09	<0.001	<0.001	<0.001	<0.003	0.44	0.11	<0.015	<0.02	62.1
MW063A	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	56
	06/27/06	0.004	0.020	0.014	0.012	<0.095	0.140	<0.015	<0.02	55.1
	04/20/07	0.0086	<0.001	<0.003	<0.003	<0.098	<0.05	<0.015	<0.02	54.3
	09/11/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	121
	04/09/08	0.0052	0.0012	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	55.9
	08/18/08	<0.001	<0.001	0.0014	<0.003	<0.096	<0.05	<0.015	<0.02	55.5
	04/02/09	<0.001	<0.001	0.0025	<0.003	<0.095	<0.05	<0.015	<0.02	66.2
	08/04/09	<0.001	<0.001	<0.001	<0.003	0.14	0.051	<0.015	<0.02	56.1
MW064SA	02/02/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.169	0.14	56
	07/14/06	<0.001	<0.001	<0.001	<0.003	0.150	<0.05	0.128	0.14	55.1
	03/21/07	<0.001	<0.001	<0.001	<0.003	0.170	<0.005	0.179	0.16	1090
	09/06/07	<0.001	<0.001	<0.001	<0.003	0.220	<0.05	0.164	0.15	1130
	03/25/08	<0.001	<0.001	<0.001	<0.003	0.560	<0.05	0.0393	0.066	1540
	08/05/08	<0.001	<0.001	<0.001	<0.003	0.730	<0.05	0.0386	0.073	1390
	03/17/09	<0.001	<0.001	<0.001	<0.003	0.270	<0.05	0.127	0.11	1190
	08/17/09	<0.001	<0.001	<0.001	<0.003	0.410	<0.05	0.097	0.098	1500

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Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	----	----	0.05	0.05	250
MW065SA	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0439	0.037	**1400**
	06/28/06	<0.001	0.0034	0.0038	0.0032	<0.096	<0.05	0.0397	0.032	**1180**
	04/10/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	**0.0571**	**0.058**	**1140**
	09/12/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	**0.0675**	**0.065**	**599**
	04/08/08	0.0014	<0.001	<0.001	<0.003	<0.099	<0.05	**0.0839**	0.045	**1140**
	08/19/08	<0.001	<0.001	0.0011	<0.003	<0.1	<0.05	**0.0893**	**0.083**	**1120**
	03/25/09	<0.001	<0.001	0.0011	<0.003	<0.096	<0.05	**0.0884**	**0.079**	**1070**
	08/06/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	**0.0741**	**0.066**	**967**
MW066SA	01/25/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	**0.177**	**0.19**	**1780**
	07/11/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0317	0.021	**1580**
	09/20/07	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	**1160**
	08/19/08	<0.001	<0.001	0.0011	<0.003	<0.1	<0.05	<0.015	<0.02	**1090**
	03/26/09	<0.001	<0.001	0.0011	<0.003	<0.097	<0.05	<0.015	<0.02	**1160**
	08/06/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	**966**
MW067SA	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	233
	07/10/06	<0.001	<0.001	<0.001	<0.003	<0.12	<0.05	<0.015	<0.02	229
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	210
	09/13/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	187
	03/27/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	194
	08/11/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	199
	03/19/09	0.0032	0.0014	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	198
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	186
MW070A	01/27/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	61.8
	06/22/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	45.7
	03/29/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	46.4
	09/11/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**283**
	03/25/08	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	54.2
	08/05/08	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	<0.015	<0.02	45
	03/16/09	**0.038**	0.010	0.0032	<0.003	<0.096	0.110	<0.015	<0.02	45.6
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	46.3
MW071SA	01/06/05	ND	ND	ND	ND	ND	ND	----	----	----
	01/25/06	**0.031**	0.0011	0.003	0.030	1.1	0.60	<0.015	<0.02	**1050**
	07/12/06	<0.001	<0.001	<0.001	<0.003	0.480	0.095	<0.015	<0.02	**1080**
	04/03/07	<0.001	<0.001	<0.001	<0.003	0.480	<0.05	<0.015	<0.02	**998**
	09/19/07	<0.001	<0.001	<0.001	<0.003	0.700	<0.05	<0.015	<0.02	**1040**
	03/27/08	<0.001	<0.001	<0.001	<0.003	0.200	<0.05	<0.015	<0.02	**1180**
	08/12/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.0193	<0.02	**1170**
	03/24/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	**0.106**	**0.097**	**929**
	08/10/09	<0.001	<0.001	<0.001	<0.003	0.150	<0.05	**0.094**	**0.100**	**1000**
MW072SA	01/23/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**340**
	06/28/06	<0.001	0.0025	0.0030	<0.003	<0.096	<0.05	<0.015	<0.02	**389**
	04/03/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**331**
	09/14/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**306**
	03/27/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**327**
	08/12/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	**344**
	03/17/09	**0.014**	0.0044	0.0016	<0.003	<0.097	<0.05	<0.015	<0.02	**301**
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**351**
MW073SA	01/20/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**355**
	06/28/06	<0.001	0.0024	0.0029	<0.003	<0.097	<0.05	<0.015	<0.02	**376**
	04/03/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**302**
	09/13/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**283**
	03/27/08	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**287**
	08/12/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	**273**
	03/17/09	0.0078	0.0029	0.0013	<0.003	<0.098	<0.05	<0.015	<0.02	**283**
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**732**
MW074SA	12/07/04	ND	ND	ND	ND	ND	ND	----	----	----
	05/31/05	ND	ND	ND	ND	ND	ND	----	----	----
	01/18/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	**623**
	06/20/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**659**
	04/03/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**653**
	09/06/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	**638**
	03/20/08	<0.001	<0.001	0.0018	<0.003	<0.096	<0.05	<0.015	<0.02	**607**
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	**586**
	03/16/09	**0.023**	0.0068	0.0022	<0.003	0.120	0.069	<0.015	<0.02	**491**
	08/24/09	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	<0.015	<0.02	**634**

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW075SA	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	795
	06/21/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	826
	04/03/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	641
	09/06/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	607
	03/20/08	<0.001	<0.001	0.0013	<0.003	<0.096	<0.05	<0.015	<0.02	660
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	645
	03/16/09	0.015	0.0049	0.0018	<0.003	<0.095	<0.05	<0.015	<0.02	598
	08/24/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	586
MW076SA	06/01/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	463
	06/21/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	500
	04/03/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	489
	09/07/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	506
	03/20/08	<0.001	<0.001	0.0016	<0.003	<0.098	<0.05	<0.015	<0.02	547
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	533
	03/16/09	0.012	0.0041	0.0016	<0.003	<0.095	<0.05	<0.015	<0.02	536
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	819
MW077SA	12/08/04	0.052	0.071	0.039	0.25	ND	ND	-----	-----	-----
	06/01/05	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.03	0.028	1760
	06/21/06	<0.001	<0.001	<0.001	<0.003	0.120	<0.05	0.0343	0.023	1660
	04/11/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.0301	0.028	1900
	09/06/07	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.0197	<0.02	1760
	04/08/08	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.0233	0.029	1680
	08/19/08	<0.001	<0.001	0.0014	<0.003	0.110	<0.05	0.0481	0.044	1960
	03/25/09	<0.001	<0.001	<0.001	<0.003	0.097	<0.05	0.0294	0.022	1170
	08/18/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.0157	<0.02	755
MW078SA	12/08/04	0.05	0.084	0.069	0.22	ND	ND	-----	-----	-----
	01/19/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	191
	06/21/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	201
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	191
	09/07/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	155
	03/26/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	191
	08/11/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	0.005	<0.02	158
	03/18/09	0.0032	0.0013	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	172
	08/20/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	159
MW079SA	02/03/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	917
	07/18/06	<0.001	<0.001	<0.001	<0.003	0.140	<0.05	<0.015	<0.02	774
	03/28/07	<0.001	<0.001	<0.001	<0.003	0.140	<0.05	<0.015	<0.02	508
	09/07/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	418
	04/02/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	373
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.0195	<0.02	340
	03/24/09	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	322
	08/18/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	398
MW080SA	02/02/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	615
	07/18/06	<0.001	<0.001	<0.001	<0.003	0.130	<0.05	<0.015	<0.02	504
	03/28/07	<0.001	<0.001	<0.001	<0.003	0.260	0.059	<0.015	<0.02	403
	09/07/07	<0.001	<0.001	<0.001	<0.003	0.130	<0.05	<0.015	<0.02	344
	04/02/08	<0.001	<0.001	<0.001	<0.003	0.250	0.071	<0.015	<0.02	332
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.0195	<0.02	305
	03/23/09	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	280
	08/18/09	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	735
MW081SA	02/02/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	<0.015	<0.02	1060
	07/18/06	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	1120
	03/28/07	<0.001	<0.001	<0.001	<0.003	0.170	<0.05	<0.015	<0.02	765
	09/07/07	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.02	582
	04/02/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	<0.015	<0.02	483
	08/06/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.0195	<0.02	439
	03/23/09	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.02	510
	08/18/09	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	1340
MW082SA	02/03/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.0364	<0.02	940
	07/14/06	<0.001	<0.001	<0.001	<0.003	0.480	<0.05	<0.015	<0.02	1210
	03/22/07	0.0015	<0.001	<0.001	<0.003	0.370	<0.05	<0.0151	<0.02	1120
	09/06/07	<0.001	<0.001	<0.001	<0.003	0.450	<0.05	<0.015	<0.2	1120
	03/26/08	<0.005	<0.005	<0.005	<0.015	0.420	0.270	<0.015	<0.02	1200
	08/06/08	<0.001	<0.001	<0.001	<0.003	0.280	<0.05	0.0195	<0.02	1180
	03/18/09	<0.001	<0.001	<0.001	<0.003	0.300	0.073	<0.015	<0.02	1380
	08/17/09	<0.001	<0.001	<0.001	<0.003	0.250	<0.05	<0.015	<0.02	366

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Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
MW083SA	02/03/06	0.011	<0.005	0.008	<0.015	<6	<45	0.0466	<0.02	1080
	07/14/06	<0.001	<0.001	<0.001	<0.003	1.000	0.055	0.0183	<0.02	1170
	03/22/07	0.0062	<0.001	<0.001	<0.003	0.430	<0.05	0.0189	0.08	1080
	09/06/07	0.0018	<0.001	<0.001	<0.003	0.510	<0.05	<0.015	<0.5	1090
	03/25/08	<0.005	<0.005	<0.005	<0.015	0.690	<0.25	<0.015	<0.2	1160
	08/06/08	<0.001	<0.001	<0.001	<0.003	0.460	<0.05	0.0195	<0.02	1710
	03/18/09	<0.001	<0.001	<0.001	<0.003	0.360	<0.05	<0.015	<0.02	1470
	08/17/09	<0.001	<0.001	<0.001	<0.003	0.420	<0.05	<0.015	<0.02	1980
MW084SA	02/03/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.103	0.16	2500
	07/14/06	<0.001	<0.001	<0.001	<0.003	0.140	<0.05	0.0191	0.13	1720
	03/21/07	<0.001	<0.001	<0.001	<0.003	0.120	<0.05	0.187	0.15	2090
	09/06/07	<0.001	<0.001	<0.001	<0.003	0.130	<0.05	0.192	0.18	2290
	03/25/08	<0.001	<0.001	<0.001	<0.003	0.150	<0.05	0.192	0.2	2720
	08/05/08	<0.001	<0.001	<0.001	<0.003	0.300	<0.05	0.18	0.17	2430
	03/17/09	<0.001	<0.001	<0.001	<0.003	0.150	<0.05	0.176	0.17	2530
	08/13/09	<0.001	<0.001	<0.001	<0.003	0.210	<0.05	0.0982	0.11	1980
MW085SA	02/03/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.103	<0.02	1480
	07/14/06	<0.001	<0.001	<0.001	<0.003	0.310	<0.05	0.0191	<0.02	1840
	03/21/07	<0.001	<0.001	<0.001	<0.003	0.480	<0.05	0.0256	<0.02	1380
	09/06/07	<0.001	<0.001	<0.001	<0.003	0.880	<0.05	0.0176	<0.02	1270
	03/25/08	<0.001	<0.001	<0.001	<0.003	0.490	<0.05	0.0266	<0.02	1740
	08/05/08	<0.001	<0.001	<0.001	<0.003	0.280	<0.05	0.0238	<0.02	1620
	03/18/09	<0.001	<0.001	<0.001	<0.003	7.2	<0.05	0.0199	<0.02	1160
	08/17/09	<0.001	<0.001	<0.001	<0.003	0.44	<0.05	0.0156	<0.02	1300
MW086SA	10/07/04	ND	ND	ND	ND	ND	ND	-----	-----	-----
	01/27/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.058	0.052	1170
	07/12/06	<0.001	<0.001	<0.001	<0.003	<0.094	<0.05	0.115	0.13	1300
	04/11/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.0787	0.075	1220
	09/21/07	<0.001	0.0032	0.0089	<0.003	<0.095	<0.05	0.121	0.12	1010
	04/08/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0578	0.057	1090
	08/19/08	<0.001	<0.001	0.0011	<0.003	<0.1	<0.05	0.0762	0.078	1250
	03/25/09	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.0512	0.047	1390
	08/10/09	<0.001	<0.001	<0.001	<0.003	0.120	<0.05	0.0601	0.063	1330
MW087A	09/14/04	ND	ND	ND	ND	ND	ND	4.23	-----	-----
	02/06/06	<0.005	<0.005	<0.005	<0.15	<0.6	<0.6	0.449	<0.5	1560
	07/18/06	<0.005	<0.005	<0.005	<0.015	6.400	0.270	0.144	<0.02	1100
	04/13/07	<0.002	<0.001	<0.001	<0.003	5.100	2.400	0.173	<0.02	1160
	04/15/08	<0.005	<0.005	<0.005	<0.015	4.80	<0.25	0.187	<1	1550
	03/30/09	<0.005	<0.005	<0.005	<0.015	1.7	<0.25	0.233	<0.2	1060
MW089SA	02/09/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	1.36	0.95	709
	07/21/06	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	1.11	1.1	787
	04/04/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.591	1.0	785
	04/09/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	1.15	1.1	909
	03/26/09	<0.001	<0.001	<0.001	<0.003	<0.10	<0.05	1.07	1.1	1010
MW090SA	02/09/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.437	0.45	575
	07/21/06	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.42	0.52	630
	04/03/07	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	0.484	0.49	633
	04/14/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	0.569	0.59	650
	03/17/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	0.634	0.54	652
	08/11/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.58	0.52	648
MW091SA	02/09/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.746	0.67	679
	07/24/06	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.856	0.77	732
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	1.05	1.1	864
	04/07/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	1.16	0.57*	819
	03/24/09	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.821	0.88	834
MW092SA	02/09/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	1.16	1	662
	07/24/06	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.901	0.76	607
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	1.3	1.4	841
	04/09/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	1.61	1.3	740
	03/24/09	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	1.46	1.5	905
MW093SA	02/09/06	<0.001	<0.001	<0.001	<0.003	<0.6	<0.6	0.689	0.62	684
	07/24/06	<0.001	<0.001	<0.001	<0.003	0.110	<0.05	0.477	0.42	564
	04/05/07	<0.001	<0.001	<0.001	<0.003	0.340	<0.05	0.615	0.97	732
	04/09/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	1.96	1.7	831
	03/24/09	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	2	2	949
IWO03	02/06/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.136	<2	1100
	07/25/06	<0.01	<0.01	<0.01	<0.2	720	3.2	0.0305	<2	1080
	04/09/07	<0.05	<0.05	<0.05	<0.015	2.400	<2.5	0.075	<2	1130
	04/03/08	<0.01	<0.01	<0.01	<0.03	3.100	<0.5	0.075	<2	1130
	03/23/09	<0.005	<0.005	<0.005	<0.015	2.100	<0.25	0.0152	<0.20	1050

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
IWO04	02/06/06	<0.025	<0.025	<0.025	<0.075	-----	-----	0.0693	<2	1430
	07/25/06	<0.01	<0.01	<0.01	<0.03	440	1.6	0.0216	<2	1320
	04/09/07	<0.005	<0.005	<0.005	<0.015	0.720	<0.25	0.0176	<0.2	1400
	04/03/08	<0.005	<0.005	<0.005	<0.015	0.350	<0.25	<0.015	NRS	1610
	03/23/09	<0.001	<0.001	<0.001	<0.003	0.390	<0.05	0.0182	<0.02	1570
IWO05	02/06/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.591	<2	781
	07/26/06	<0.01	<0.01	<0.01	<0.03	1500	24	0.252	<2	887
	03/27/07	<0.1	<0.1	<0.1	<0.3	3600	5000	0.135	<2	964
	04/12/07	<0.1	<0.1	<0.1	<0.3	3.600	<5	0.102	<2	1210
	04/01/08	<0.005	<0.005	<0.005	<0.015	3.200	<0.25	0.0781	<1	1140
	03/23/09	<0.005	<0.005	<0.005	<0.015	1.500	<0.25	0.0311	<0.2	1690
IWO06	02/07/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.286	<2	628
	07/26/06	<0.01	<0.01	<0.01	<0.03	32	2400	0.0643	<2	772
	03/27/07	<0.1	<0.1	<0.1	<0.3	2.1	5000	0.0592	<2	832
	04/12/07	<0.1	<0.1	<0.1	<0.3	2.100	<5	0.04	<2	900
	04/01/08	<0.005	<0.005	<0.005	<0.015	1.400	0.310	0.0287	<1	1000
	03/19/09	<0.005	<0.005	<0.005	<0.015	0.670	<0.25	0.016	<1	915
IWO07	02/07/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.185	<2	572
	07/26/06	<0.025	<0.025	<0.025	<0.075	3600	21000	0.118	<2	527
	03/26/07	<0.1	<0.1	<0.1	<0.3	3600	13.000	0.171	<2	637
	04/01/08	<0.01	<0.01	<0.01	<0.03	3000	8.300	0.114	<2	714
	03/19/09	0.0069	<0.005	<0.005	<0.015	6.6	0.400	0.0706	<2	880
IWO08	02/07/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.128	<2	382
	07/26/06	<0.025	<0.025	<0.025	<0.075	6100	7700	0.023	<2	572
	03/23/07	<0.001	<0.001	<0.001	<0.003	3.900	0.082	0.0249	0.1	574
	04/01/08	<0.005	<0.005	<0.005	<0.015	1.700	0.360	0.0166	<1	576
	03/19/09	<0.005	<0.005	<0.005	<0.015	0.910	<0.250	<0.015	<1	604
IWO09	02/07/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.121	<2	606
	07/27/06	<0.025	<0.025	<0.025	<0.075	2100000	3900	0.0557	<2	434
	03/23/07	<0.025	<0.001	0.0048	<0.01	<5000	14.000	-----	<0.4	-----
	03/31/08	<0.01	<0.005	<0.005	<0.015	-----	6.000	0.0438	NRS	694
	03/19/09	0.012	<0.010	0.0059	<0.030	NA	3.400	<0.075	NA	NA
IWO10	02/07/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.11	<2	970
	07/27/06	<0.025	<0.025	<0.025	<0.075	1200	1300	0.0236	<2	971
	03/23/07	<0.005	<0.001	<0.001	<0.003	0.650	<0.05	0.0198	0.2	1020
	03/31/08	<0.005	<0.005	<0.005	<0.015	<0.19	<0.025	<0.015	<0.5*	1130
	03/19/09	<0.005	<0.005	<0.005	<0.015	0.120	<0.250	<0.015	<0.02*	1150
IWO11	02/08/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.0694	<2	624
	07/26/06	<0.025	<0.025	<0.025	<0.075	1700	18000	0.0272	<2	908
	03/22/07	<0.1	<0.1	<0.1	<0.3	110	<5	0.0317	<1	980
	03/31/08	<0.005	<0.005	<0.005	<0.015	5.100	<0.025	0.0263	<2.0*	1080
	03/18/09	<0.005	<0.005	<0.005	<0.015	2.200	<0.250	<0.015	<0.002*	1000
IWO13	02/08/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.418	<2	1160
	07/27/06	<0.025	<0.025	<0.025	<0.2	190	1300	0.0585	<2	952
	03/22/07	<0.002	<0.001	0.0027	<0.02	390	0.86	0.0311	<1	890
	03/26/08	<0.005	<0.005	<0.005	<0.015	0.690	<0.025	<0.015	<0.2	1050
	03/18/09	<0.001	<0.001	<0.001	<0.003	0.120	<0.050	<0.015	<0.02	1020
IWO14	02/13/06	<0.1	<0.1	<0.1	<0.3	-----	-----	0.199	<10	666
	07/25/06	98	<0.025	<0.5	<0.03	2400	70000	0.072	<2	964
	03/26/07	<0.1	<0.1	<0.1	<0.3	1700	9.9	0.0494	<2	1080
	03/26/08	<0.05	<0.05	<0.05	<0.15	170.000	<2.5	0.075	<1	1170
	03/18/09	<0.005	<0.005	<0.005	<0.015	4.100	<0.25	0.0188	<0.002	1190
IWO15	02/09/06	<0.1	<0.1	<0.1	<0.003	-----	-----	0.301	<2	1000
	07/25/06	<0.01	<0.01	<0.01	<0.003	1600	5200	0.157	<2	1050
	04/09/07	<0.05	<0.05	<0.05	<0.003	20	<2.5	0.165	<2	1060
	04/03/08	<0.01	<0.01	<0.01	<0.003	3.100	<0.5	0.075	<2	1040
	03/23/09	0.0076	<0.005	<0.005	<0.015	2.600	<0.25	0.0566	<2	984
IWO16	02/08/06	<0.1	<0.1	<0.1	<0.003	-----	-----	0.138	<2	848
	07/25/06	<0.01	<0.01	<0.01	<0.003	2600000	4400	0.0484	<2	987
	03/28/07	<0.1	<0.1	<0.1	<0.003	19	<5	0.0293	<1	846
	04/02/08	<0.005	<0.005	<0.005	<0.015	3.500	<0.250	0.0221	<2	769
	03/24/09	<0.005	<0.005	<0.005	<0.015	4.500	<0.25	0.0202	<2	677
IWO18	02/06/06	2.2	<0.001	<0.001	<0.003	-----	-----	2.88	0.27	1340
	07/21/06	<0.001	<0.001	<0.001	<0.003	3800	50	<0.015	<0.02	400
	04/09/07	<0.001	<0.001	<0.001	<0.003	2.2	<0.05	<0.015	<0.02	175
	04/09/08	<0.001	<0.001	<0.001	<0.003	2.300	<0.05	1.08	0.29	1140
	03/24/09	<0.001	<0.001	<0.001	<0.003	3.100	<0.05	0.248	0.18	1130

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT-CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
IWO19	02/07/06	<0.001	<0.001	<0.001	<0.003	-----	-----	1.06	0.88	1780
	07/24/06	<0.001	<0.001	<0.001	<0.003	930	50	1.14	0.99	1800
	04/06/07	<0.001	<0.001	<0.001	<0.003	0.740	<0.05	1.24	1.1	1620
	04/08/08	<0.001	<0.001	<0.001	<0.003	0.47	<0.05	1.51	1.4	1680
	03/25/09	<0.001	<0.001	<0.001	<0.003	0.61	<0.05	1.57	1.4	1730
IWO20	02/07/06	<0.001	<0.001	<0.001	<0.003	-----	-----	0.777	0.76	999
	07/24/06	<0.001	<0.001	<0.001	<0.003	310	50	0.898	0.8	521
	04/10/07	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	1.51	1.5	1200
	04/08/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	1.79	1.7	1180
	03/25/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	2	1.9	1350
IWO21	02/07/06	<0.001	<0.001	<0.001	<0.003	-----	-----	0.701	0.68	692
	07/24/06	<0.001	<0.001	<0.001	<0.003	97	50	0.93	0.81	673
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	1.14	1.2	753
	04/08/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	1.73	1.6	859
	03/25/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	1.74	1.6	1000
IWO22	02/07/06	<0.001	<0.001	<0.001	<0.003	-----	-----	0.526	0.5	624
	07/25/06	<0.001	<0.001	<0.001	<0.003	94	50	0.489	0.46	662
	04/10/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.505	0.52	713
	04/07/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	0.785	0.82*	781
	03/25/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	0.525	0.53	670
IW023	07/25/06	<0.001	<0.001	<0.001	<0.003	97	50	0.158	0.15	500
	04/10/07	0.001	<0.001	<0.001	<0.003	<0.099	<0.05	0.206	0.21	620
	04/07/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.248	0.20*	659
	03/16/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.285	0.25	650
	08/11/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	0.3	0.28	637
IWO24	02/08/06	<0.001	<0.001	<0.001	<0.003	95	-----	1.28	1.2	868
	04/03/07	<0.001	<0.001	<0.001	<0.003	0.120	<0.05	1.12	1.3	827
	04/15/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	1.41	1.3	808
	03/16/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	1.31	0.91	985
	08/11/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	1.47	1.2	1020
IWO25	02/08/06	<0.001	<0.001	<0.001	<0.003	-----	-----	0.377	0.39	584
	07/21/06	<0.001	<0.001	<0.001	<0.003	95	50	0.645	0.63	632
	04/14/08	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	1.19	1.2	801
	03/16/09	<0.001	0.0015	0.001	0.0054	<0.097	<0.05	0.0479	<0.020	502
	08/13/09	<0.001	<0.001	0.001	0.0058	0.19	<0.05	0.0387	<0.020	582
IWO26	02/08/06	<0.001	<0.001	<0.001	<0.003	-----	-----	0.499	0.47	612
	07/21/06	<0.001	<0.001	<0.001	<0.003	95	50	0.618	0.6	583
	04/03/07	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0403	0.035	467
	03/16/09	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	<0.015	<0.020	518
	08/13/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	<0.015	<0.020	460
IWO27	02/08/06	<0.001	<0.001	<0.001	<0.003	-----	-----	0.591	0.57	789
	07/21/06	<0.001	<0.001	<0.001	<0.003	95	50	0.699	0.69	732
	04/04/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	0.0352	0.023	197
	04/14/08	<0.001	<0.001	<0.001	<0.003	<0.11	<0.05	0.41	0.42	575
	03/25/09	<0.001	<0.001	<0.001	<0.003	<0.098	<0.05	0.383	0.38	2880
IWO28	02/08/06	<0.001	<0.001	<0.001	<0.003	-----	-----	0.991	0.99	682
	07/21/06	<0.001	<0.001	<0.001	<0.003	95	50	0.652	0.62	549
	04/04/07	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.526	0.67	522
	04/15/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	0.727	0.74	625
	04/07/09	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	0.354	0.35	583
RW004A	02/10/06	<0.05	<0.05	<0.05	<0.150	-----	-----	0.015	<0.08	138
	07/19/06	<0.01	<0.01	<0.01	<0.03	130	9900	0.0213	<0.02	147
	04/11/07	<0.1	<0.1	<0.1	<0.3	340	23	<0.075	<2.0	209
	04/16/08	<0.01	<0.005	<0.005	<0.015	890	22	0.0712	<1	256
	03/31/09	0.290	<0.01	0.230	0.034	710	19	0.0436	<0.2	291

TABLE 2
SUMMARY OF 2009 SUMMARY OF ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Sample Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	TPH-DRO	TPH-GRO	CHROMIUM	HEXAVALENT CHROMIUM	CHLORIDE
Standard Units		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.01	0.750	0.750	0.620	-----	-----	0.05	0.05	250
WATER WELLS										
GOPWW2	01/19/06	<0.001	<0.001	<0.001	<0.003	-----	-----	<0.015	<0.02	**1000**
	06/28/06	**2**	**7.9**	**5.8**	**4.8**	82	150	<0.015	<0.02	**1140**
	04/23/07	0.0027	<0.001	0.0015		<0.098	<0.05	<0.015	<0.02	**1130**
	09/10/07	<0.001	<0.001	<0.001	<0.003	0.110	0.063	<0.015	<0.02	**1320**
	03/24/08	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	**2130**
	08/05/08	<0.001	<0.001	<0.001	<0.003	0.220	<0.05	<0.015	<0.02	**1690**
	03/17/09	<0.001	<0.001	<0.001	<0.003	<0.1	<0.05	<0.015	<0.02	**1600**
	08/18/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**1420**
LORDWW	01/23/06	<0.001	<0.001	<0.001	<0.003	-----	-----	**0.0677**	<0.02	**1260**
	06/27/06	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	<0.015	<0.02	71.3
	04/05/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	**0.148**	<0.02	**1540**
	09/18/07	<0.001	<0.001	<0.001	<0.003	0.930	<0.5	<0.015	<0.02	**1320**
	03/26/08	<0.001	<0.001	<0.001	<0.003	0.280	<0.05	**0.0664**	<0.02	**1470**
	08/13/08	0.0083	0.0094	0.019	0.0039	<0.1	0.092	<0.015	<0.02	**1380**
	03/19/09	**0.018**	0.0045	0.0014	<0.003	<0.3	0.080	<0.015	<0.02	**1610**
	08/21/09	<0.001	<0.001	<0.001	<0.003	<0.095	<0.05	<0.015	<0.02	**2040**
ROLANDWW	04/06/09	Well is Inaccessible								
WOODELLWW	01/24/06	<0.001	<0.001	<0.001	<0.003	-----	-----	<0.015	<0.02	**699**
	06/27/06	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**602**
	03/29/07	<0.001	<0.001	<0.001	<0.003	<0.097	<0.05	<0.015	<0.02	**621**
	04/15/08	<0.001	<0.001	<0.001	<0.003	<0.099	<0.05	**0.0523**	0.035	**305**
	08/21/08	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0254	<0.02	**558**
	03/24/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	0.0296	0.022	**690**
	08/24/09	<0.001	<0.001	<0.001	<0.003	<0.096	<0.05	**0.0561**	**0.058**	**615**
EPWW1	01/26/06	<0.001	<0.001	<0.001	<0.003	0.6	0.6	**0.125**	<0.02	79.6
	07/06/06	<0.001	<0.001	<0.001	<0.003	0.095	0.05	0.0259	<0.02	49.2
	04/06/09	<0.001	<0.001	<0.001	<0.003	0.520	<0.05	<0.015	<0.02	**255**

Notes:
Bold = Detections exceeding the New Mexico Water Quality Control Commission (NM WQCC) Human Health or Domestic Water Supply Standards (if standards are available).
Sample Date followed by asterisk = Due to excessive foaming of the sample, normal reporting limits were not attained and preservation requirements were not met.
mg/L = milligrams per liter
NA = Not Analyzed
-- = Not Analyzed
< = less than - the number following the sign is the limit of quantitation, the smalest amount of analyte which can be reliably determined using the specific analytical test.
ND = Data gathered from previous report indicates the analytical result was "non-detect" with no method detection given.
* = Resampled on different date

TABLE 3
SUMMARY OF 2009 INORGANIC METALS – ANALYTICAL RESULTS

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
SHALLOW ZONE WELLS															
MW001	08/24/05	NA	NA	NA	225	0.76	NA	NA	NA	NA	**0.64**	NA	NA	NA	NA
	01/27/06	<0.02	0.0575	<0.005	276	**2.74**	NA	NA	NA	<0.02	**0.832**	<0.0002	<0.02	<0.005	<0.02
	07/13/06	<0.02	0.0587	<0.005	NA	**2.18**	NA	NA	NA	<0.015	**0.766**	NA	0.0252	<0.005	<0.02
	04/19/07	<0.02	NA	NA	281	**4.09**	NA	NA	NA	NA	**0.895**	NA	NA	NA	NA
	04/17/08	<0.02	NA	NA	429	0.644	98.8	15	410	NA	**1.53**	NA	NA	NA	NA
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity													
MW002	01/24/06	<0.02	0.058	<0.005	208	0.999	NA	NA	NA	<0.02	0.0147	<0.0002	0.0222	<0.005	<0.02
	07/06/06	<0.02	0.0441	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0235	<0.005	<0.02
	04/12/07	<0.02	NA	NA	285	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	355	<0.2	160	12.1	320	NA	<0.005	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	N	NA	NA
MW003	08/11/05	NA	NA	NA	327	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/25/06	<0.02	0.0297	<0.005	257	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0396	<0.005	<0.02
	07/07/06	<0.02	0.0251	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0486	<0.005	<0.02
	04/16/07	<0.02	NA	NA	216	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/03/08	<0.02	NA	NA	217	<0.2	62.4	7.27	390	NA	<0.005	NA	NA	NA	NA
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity													
MW004	08/15/05	NA	NA	NA	300	<0.4	NA	NA	NA	NA	0.04	NA	NA	NA	NA
	01/25/06	<0.02	0.0374	<0.005	422	<0.2	NA	NA	NA	<0.02	**0.0209**	<0.0002	**0.0592**	<0.005	<0.02
	07/07/06	<0.02	0.0376	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0184	NA	**0.0619**	<0.005	<0.02
	04/17/07	<0.02	NA	NA	482	<0.2	NA	NA	NA	NA	0.0163	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	517	<0.2	136	15.2	577	NA	0.0055	NA	NA	NA	NA
	03/30/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0192	NA	NA	NA	NA
MW005	08/25/05	NA	NA	NA	542	**5.85**	NA	NA	NA	NA	**2.01**	NA	NA	NA	NA
	01/27/06	<0.02	0.464	<0.005	269	**5.8**	NA	NA	NA	<0.02	**0.916**	<0.0002	<0.02	<0.005	0.0358
	07/13/06	<0.02	0.366	<0.005	NA	**5.32**	NA	NA	NA	<0.015	**0.807**	NA	<0.02	<0.005	<0.02
	04/19/07	<0.02	NA	NA	302	**9.94**	NA	NA	NA	NA	**0.837**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/08	<0.02	NA	NA	473	**10.1**	188	44.4	620	NA	**1.88**	NA	NA	NA	NA
	04/07/09	<0.02	NA	NA	NA	**8.04**	NA	NA	NA	NA	**0.807**	NA	NA	NA	NA
MW006	04/23/07	0.0264	NA	NA	375	**29**	NA	NA	NA	NA	**3.24**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/08	0.0254	NA	NA	235	**12.9**	134	64.8	1460	NA	**3.84**	NA	NA	NA	NA
	04/07/09	0.0255	NA	NA	NA	**16.1**	NA	NA	NA	NA	**2.13**	NA	NA	NA	NA
MW007	08/11/05	NA	NA	NA	238	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/24/06	<0.02	0.0373	<0.005	200	0.287	NA	NA	NA	<0.02	0.0054	<0.0002	**0.107**	<0.005	<0.02
	07/07/06	<0.02	0.0247	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	**0.0764**	<0.005	<0.02
	04/16/07	<0.02	NA	NA	169	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/03/08	<0.02	NA	NA	128	<0.2	42.6	5.69	265	NA	<0.005	NA	NA	NA	NA
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity													

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW008	09/16/04	NA	NA	NA	646	<0.1	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/13/05	NA	NA	NA	449	<0.4	NA	NA	NA	NA	0.02	NA	NA	NA	NA
	07/06/05	NA	NA	NA	506	**16**	NA	NA	NA	NA	**4.18**	NA	NA	NA	NA
	02/09/06	<0.02	0.388	<0.005	414	**69**	NA	NA	NA	<0.02	**4.12**	<0.0002	<0.02	<0.005	<0.02
	07/18/06	0.0202	0.228	<0.005	NA	**60.1**	NA	NA	NA	<0.015	**3.79**	NA	<0.02	<0.005	<0.02
	04/03/07	0.0263	NA	NA	417	**59.7**	NA	NA	NA	NA	**1.26**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	405	**36.3**	127	14.4	513	NA	**0.508**	NA	NA	NA	NA
	03/30/09	0.0363	NA	NA	NA	**52.9**	NA	NA	NA	NA	**1.36**	NA	NA	NA	NA
MW008M	09/16/04	NA	NA	NA	645	**2.4**	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/17/05	NA	NA	NA	841	**24.2**	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	07/06/05	NA	NA	NA	502	**2.54**	NA	NA	NA	NA	**2.14**	NA	NA	NA	NA
	02/10/06	0.0244	**2.48**	<0.005	860	**17.4**	NA	NA	NA	<0.02	**4.99**	<0.002	<0.02	<0.005	<0.02
	07/19/06	<0.02	**3.07**	<0.005	NA	**5.26**	NA	NA	NA	<0.015	**3.79**	NA	<0.02	<0.005	<0.02
	04/13/07	0.0261	NA	NA	465	**55.8**	NA	NA	NA	NA	**0.869**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	0.0322	NA	NA	390	**31**	533	32.4	802	NA	**0.457**	NA	NA	NA	NA
	03/31/09	0.0458	NA	NA	NA	**22.8**	NA	NA	NA	NA	**0.318**	NA	NA	NA	NA
MW009	08/16/05	NA	NA	NA	281	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	02/02/06	<0.02	0.0524	<0.005	131	0.54	NA	NA	NA	<0.02	0.007	<0.002	0.0214	<0.005	<0.02
	07/13/06	<0.02	0.0539	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005		<0.02	<0.005	<0.02
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	248	0.591	74.7	10.3	324	NA	0.0085	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW010	08/18/05	NA	NA	NA	733	<0.4	NA	NA	NA	<0.01	NA	NA	NA	NA	NA
	01/24/06	<0.02	0.0573	<0.005	607	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0239	<0.005	<0.02
	06/30/06	<0.02	0.057	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/11/07	<0.02	NA	NA	641	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/18/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/07/08	<0.02	NA	NA	624	<0.2	255	20.2	703	NA	<0.005	NA	NA	NA	NA
	08/13/08	0.024	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0071	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW011	01/25/05	NA	NA	NA	490	<0.4	NA	NA	NA	NA	0.01	NA	NA	NA	NA
	07/11/05	NA	NA	NA	818	<0.4	NA	NA	NA	NA	0.04	NA	NA	NA	NA
	02/09/06	<0.02	0.0666	<0.005	712	0.94	NA	NA	NA	<0.02	0.187	<0.0002	**0.0665**	<0.005	0.036
	07/19/06	<0.02	0.0269	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.11	NA	**0.0751**	<0.005	<0.02
	03/29/07	<0.02	NA	NA	543	<0.2	NA	NA	NA	NA	0.0204	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	<0.02	NA	NA	705	<0.2	195	27.7	719	NA	0.0333	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0337	NA	N	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
Location ID		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	–	1.0	–	–	–	0.05	0.2	0.002	0.05	0.05	10
MW011M	01/25/05	NA	NA	NA	1060	2.62	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	07/11/05	NA	NA	NA	660	15.5	NA	NA	NA	NA	2.81	NA	NA	NA	NA
	02/10/06	<0.02	0.733	<0.005	419	6.61	NA	NA	NA	<0.02	0.985	<0.004	<0.02	<0.005	<0.02
	07/19/06	0.0203	0.546	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.128	NA	<0.02	<0.005	<0.02
	03/29/07	0.0327	NA	NA	209	<0.275	NA	NA	NA	NA	0.0449	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	<0.02	NA	NA	343	5.71	373	39.5	691	NA	0.869	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	6.21	NA	NA	NA	NA	0.628	NA	NA	NA	NA
MW012	09/09/04	NA	NA	NA	416	0.1	NA	NA	NA	NA	108	NA	NA	NA	NA
	01/18/05	NA	NA	NA	393	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	07/11/05	NA	NA	NA	392	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	02/10/06	<0.02	0.0612	<0.005	393	<0.2	NA	NA	NA	<0.02	0.0798	<0.0002	0.0249	<0.005	<0.02
	07/20/06	<0.02	0.737	<0.005	NA	11.1	NA	NA	NA	<0.015	0.95	NA	<0.02	<0.005	<0.02
	04/02/07	<0.02	NA	NA	327	1.54	NA	NA	NA	NA	0.0517	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/08	0.0316	NA	NA	381	18.7	135	14	341	NA	4.05	NA	NA	NA	NA
	04/01/09	0.0335	NA	NA	NA	5.95	NA	NA	NA	NA	6.9	NA	NA	NA	NA
MW012M	07/14/04	NA	NA	NA	281	0.1	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/18/05	NA	NA	NA	169	<0.4	NA	NA	NA	NA	1.01	NA	NA	NA	NA
	07/12/05	NA	NA	NA	169	<0.4	NA	NA	NA	NA	0.59	NA	NA	NA	NA
	02/13/06	0.0393	2.84	<0.005	1590	271	NA	NA	NA	<0.02	50.2	<0.004	<0.02	<0.005	<0.02
	07/20/06	0.0497	3.42	0.0315	NA	514	NA	NA	NA	0.0176	72.5	NA	0.1	<0.005	<0.02
	04/05/07	0.1	NA	NA	2890	1130	NA	NA	NA	NA	92.6	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/08	0.139	NA	NA	2890	899	600	40.6	372	NA	44.4	NA	NA	NA	NA
	04/01/09	0.137	NA	NA	NA	91.8	NA	NA	NA	NA	2.06	NA	NA	NA	NA
MW013	08/18/05	NA	NA	NA	497	0.86	NA	NA	NA	NA	0.02	NA	NAN	NA	NA
	01/26/06	<0.02	0.0258	<0.005	467	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0632	<0.005	<0.02
	07/05/06	<0.02	0.0233	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0626	<0.005	<0.02
	04/18/07	<0.02	NA	NA	425	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/20/07	<0.02	NA	NA	NA	0.399	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	299	<0.2	92.3	11.3	384	NA	<0.005	NA	NA	NA	NA
	08/21/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	4/1/2009	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	8/10/2009	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW014	08/22/05	NA	NA	NA	407	<0.4	NA	NA	NA	NA	0.01	NA	NA	NA	NA
	01/26/06	<0.02	0.0614	<0.005	296	<0.2	NA	NA	NA	<0.02	0.0337	<0.0002	<0.02	<0.005	<0.02
	06/29/06	<0.02	0.0508	<0.005	NA	<0.2	NA	NA	NA	<0.02	0.037	NA	<0.02	<0.005	<0.02
	04/13/07	<0.02	NA	NA	237	<0.2	NA	NA	NA	NA	0.037	NA	NA	NA	NA
	09/19/07	<0.02	NA	NA	NA	<0.289	NA	NA	NA	NA	0.0457	NA	NA	NA	NA
	04/07/08	0.0203	NA	NA	270	<0.2	101	15.5	996	NA	0.0488	NA	NA	NA	NA
	04/01/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	N	NA	NA
	08/10/09	0.0283	NA	NA	NA	<0.2	NA	NA	NA	NA	0.354	NA	N	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	–	1.0	–	–	–	0.05	0.2	0.002	0.05	0.05	10
MW015	01/25/06	<0.02	0.0675	<0.005	569	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0353	<0.005	<0.02
	06/29/06	<0.02	0.0701	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0272	<0.005	<0.02
	03/22/07	<0.02	NA	NA	531	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/19/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/24/08	<0.02	NA	NA	523	<0.2	186	17.3	884	NA	<0.005	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	N	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	N	NA	NA
MW018	01/23/06	<0.02	0.0483	<0.005	119	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/29/06	<0.02	0.0422	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/02/07	<0.02	NA	NA	133	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/14/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/24/08	<0.02	NA	NA	104	<0.2	44.8	6.29	263	NA	<0.005	NA	NA	NA	NA
	03/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW020	01/25/06	<0.02	0.0573	<0.005	233	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/30/06	<0.02	0.0583	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/04/07	**0.202**	NA	NA	200	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/18/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	229	0.862	103	11.7	371	NA	0.0104	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW021	01/24/06	0.0202	0.0484	<0.005	71.7	0.374	NA	NA	NA	<0.02	**0.215**	<0.0002	<0.02	<0.005	<0.02
	06/30/06	<0.02	0.0433	<0.005	NA	<0.2	NA	NA	NA	<0.02	0.15	NA	<0.02	<0.005	<0.02
	04/09/07	<0.02	NA	NA	65.2	<0.2	NA	NA	NA	NA	0.173	NA	NA	NA	NA
	09/19/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.173	NA	NA	NA	NA
	04/01/08	0.0276	NA	NA	56.4	<0.2	22.1	6.66	500	NA	**0.231**	NA	NA	NA	NA
	08/07/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.198	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.396**	NA	NA	NA	NA
	08/06/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.172	NA	NA	NA	NA
MW023	06/01/05	<0.01	NA	NA	457	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/26/06	<0.02	0.0279	<0.005	408	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0216	<0.005	<0.02
	06/26/06	<0.02	0.0273	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0227	<0.005	<0.02
	04/18/07	<0.02	NA	NA	398	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/21/07	0.0212	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/09/08	<0.02	NA	NA	394	<0.2	168	14.9	527	NA	<0.005	NA	NA	NA	NA
	08/21/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/12/09	0.0218	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	–	1.0	–	–	–	0.05	0.2	0.002	0.05	0.05	10
MW024	01/24/06	<0.02	0.0972	<0.005	189	<0.2	NA	NA	NA	<0.02	0.0266	<0.0002	<0.02	<0.005	<0.02
	06/27/06	<0.02	0.0916	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/11/07	<0.02	NA	NA	229	<0.2	NA	NA	NA	NA	0.0682	NA	NA	NA	NA
	09/19/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0144	NA	NA	NA	NA
	04/07/08	<0.02	NA	NA	256	<0.2	136	13.1	259	NA	0.0267	NA	NA	NA	NA
	08/13/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0114	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.007	NA	NA	NA	NA
	08/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW025	08/16/05	<0.01	NA	NA	133	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/24/06	<0.02	0.0508	<0.005	163	<0.2	NA	NA	NA	<0.02	0.009	<0.0002	<0.02	<0.005	<0.02
	07/05/06	<0.02	0.0606	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0104	NA	<0.02	<0.005	<0.02
	03/22/07	<0.02	NA	NA	232	<0.2	NA	NA	NA	NA	7	NA	NA	NA	NA
	09/19/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.011	NA	NA	NA	NA
	03/24/08	<0.02	NA	NA	226	<0.2	95.5	10	189	NA	0.0112	NA	NA	NA	NA
	08/07/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0105	NA	NA	NA	NA
	03/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0129	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0125	NA	NA	NA	NA
MW026	01/19/06	<0.02	0.0673	<0.005	290	0.664	NA	NA	NA	<0.02	0.0095	<0.0002	0.0237	<0.005	<0.02
	06/23/06	<0.02	0.0537	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0256	<0.005	<0.02
	04/05/07	<0.02	NA	NA	293	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	365	<0.2	126	11.1	206	NA	<0.05	NA	NA	NA	NA
	08/11/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.006	NA	NA	NA	NA
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity													
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW027	01/23/06	<0.02	0.0578	<0.005	174	0.528	NA	NA	NA	<0.02	0.0104	<0.0002	<0.02	<0.005	<0.02
	06/23/06	<0.02	0.0493	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	0.0407
	03/21/07	<0.02	NA	NA	203	**1.03**	NA	NA	NA	NA	0.0207	NA	NA	NA	NA
	09/14/07	<0.02	NA	NA	NA	**4.24**	NA	NA	NA	NA	0.0949	NA	NA	NA	NA
	03/11/09	No Access (1st Half 2009)													
	08/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW028	01/18/06	<0.02	0.0571	<0.005	70.4	0.318	NA	NA	NA	<0.02	0.0079	<0.0002	<0.02	<0.005	<0.02
	06/20/06	<0.02	0.039	<0.005	NA	<0.2	NA	NA	NA	<0.02	0.0076	NA	<0.02	<0.005	<0.02
	03/21/07	<0.02	NA	NA	50.9	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/19/08	0.0275	NA	NA	44.9	<0.2	12	5.15	442	NA	<0.005	NA	NA	NA	NA
	08/12/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0071	NA	NA	NA	NA
	03/19/09	0.0211	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/24/09	0.0255	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW029	01/18/06	<0.02	0.0856	<0.005	111	**1.27**	NA	NA	NA	<0.02	0.0183	<0.0002	0.025	<0.005	<0.02
	06/20/06	0.0243	0.0437	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/28/07	0.0243	NA	NA	85	0.222	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/06/07	0.0208	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/20/08	0.021	NA	NA	85.8	<0.2	36.1	5.46	93.6	NA	<0.005	NA	NA	NA	NA
	08/05/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/24/09	0.0239	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW030	01/20/06	<0.02	0.115	<0.005	135	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/22/06	<0.02	0.112	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/28/07	<0.02	NA	NA	124	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	0.0259	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	117	0.261	55.2	7.15	125	NA	0.0051	NA	NA	NA	NA
	08/05/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0072	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW031	01/19/06	<0.02	0.102	<0.005	89.6	0.205	NA	NA	NA	<0.02	**0.488**	<0.0002	<0.02	<0.005	<0.02
	06/21/06	0.0212	0.103	<0.005	NA	<0.2	NA	NA	NA	<0.02	**0.566**	NA	<0.02	<0.005	<0.02
	03/28/07	0.0227	NA	NA	87.9	0.02	NA	NA	NA	NA	**0.567**	NA	NA	NA	NA
	09/11/07	0.0205	NA	NA	NA	0.329	NA	NA	NA	NA	**0.557**	NA	NA	NA	NA
	03/20/08	<0.02	NA	NA	78.6	0.384	30.1	3.44	116	NA	**0.533**	NA	NA	NA	NA
	08/05/08	0.0243	NA	NA	NA	0.321	NA	NA	NA	NA	**0.518**	NA	NA	NA	NA
	03/24/09	0.0257	NA	NA	NA	0.482	NA	NA	NA	NA	**0.513**	NA	NA	NA	NA
	08/04/09	0.0253	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.532**	NA	NA	NA	NA
MW032	01/19/06	<0.02	0.0669	<0.005	167	0.354	NA	NA	NA	<0.02	<0.0051	<0.0002	<0.02	<0.005	<0.02
	06/21/06	<0.02	0.0557	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/13/07	<0.02	NA	NA	173	0.517	NA	NA	NA	NA	0.0183	NA	NA	NA	NA
	09/07/07	<0.02	NA	NA	NA	0.217	NA	NA	NA	NA	0.0059	NA	NA	NA	NA
	04/07/08	<0.02	NA	NA	152	<0.2	44.5	7.23	153	NA	<0.005	NA	NA	NA	NA
	08/14/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0114	NA	NA	NA	NA
	03/30/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/06/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0059	NA	NA	NA	NA
MW033	01/27/06	<0.02	0.291	<0.005	237	**1.31**	NA	NA	NA	<0.02	**0.525**	<0.0002	<0.02	<0.005	<0.02
	06/26/06	<0.02	0.271	<0.005	NA	**1.03**	NA	NA	NA	<0.02	**0.5**	NA	<0.02	<0.005	<0.02
	04/23/07	<0.02	NA	NA	203	0.661	NA	NA	NA	NA	**0.478**	NA	NA	NA	NA
	09/21/07	<0.02	NA	NA	NA	0.515	NA	NA	NA	NA	**0.725**	NA	NA	NA	NA
	03/19/08	<0.02	NA	NA	272	0.689	141	5.15	263	NA	**1.44**	NA	NA	NA	NA
	08/13/08	<0.02	NA	NA	NA	0.314	NA	NA	NA	NA	**1.73**	NA	NA	NA	NA
	04/01/09	<0.02	NA	NA	NA	0.389	NA	NA	NA	NA	**1.15**	NA	NA	NA	NA
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**1.04**	NA	NA	NA	NA
MW034	01/25/06	<0.02	0.03	<0.005	162	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0271	<0.005	<0.02
	07/07/06	<0.02	0.031	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0265	<0.005	<0.02
	04/09/07	<0.02	NA	NA	139	0.205	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/08	<0.02	NA	NA	127	<0.2	55.8	7.6	312	NA	<0.005	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW035	01/23/06	<0.02	0.138	<0.005	110	0.298	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/22/06	<0.02	0.11	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/02/07	<0.02	NA	NA	122	<0.2	NA	NA	NA	NA	0.0052	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	119	<0.2	24.6	3.97	97.5	NA	0.016	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0482	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW036	08/11/05	0.01	NA	NA	144	**2.35**	NA	NA	NA	NA	**0.56**	NA	NA	NA	NA
	01/26/06	<0.02	0.397	<0.005	238	**3.55**	NA	NA	NA	<0.02	**0.643**	<0.0002	<0.02	<0.005	<0.02
	07/12/06	<0.02	0.438	<0.005	NA	**3.54**	NA	NA	NA	<0.015	**0.607**	NA	<0.02	<0.005	<0.02
	04/19/07	0.0242	NA	NA	186	**4.35**	NA	NA	NA	NA	**0.624**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	0.0405	NA	NA	99.8	**6.17**	44.6	5.58	211	NA	**0.327**	NA	NA	NA	NA
	04/07/09	0.0292	NA	NA	NA	**5.07**	NA	NA	NA	NA	**0.879**	NA	NA	NA	NA
MW037	08/25/05	0.05	NA	NA	56.6	**11.1**	NA	NA	NA	NA	**0.35**	NA	NA	NA	NA
	01/27/06	0.0504	0.505	<0.005	84.6	**8.41**	NA	NA	NA	<0.02	**0.882**	<0.0002	<0.02	<0.005	<0.02
	07/13/06	0.055	0.307	<0.005	NA	**5.66**	NA	NA	NA	<0.015	**1.05**	NA	<0.02	<0.005	<0.02
	04/19/07	0.058	NA	NA	118	**8.49**	NA	NA	NA	NA	**0.984**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	0.0794	NA	NA	130	**10.1**	101	16.9	851	NA	**1.27**	NA	NA	NA	NA
	04/07/09	0.0732	NA	NA	NA	**13.6**	NA	NA	NA	NA	**1.17**	NA	NA	NA	NA
MW038	05/31/05	0.01	NA	NA	97.5	**6.42**	NA	NA	NA	NA	**0.21**	NA	NA	NA	NA
	01/26/06	<0.02	0.117	<0.005	308	**2.39**	NA	NA	NA	<0.02	**0.274**	<0.0002	<0.02	<0.005	<0.02
	07/13/06	<0.02	0.102	<0.005	NA	0.841	NA	NA	NA	<0.015	**0.211**	NA	0.0252	<0.005	<0.02
	04/19/07	<0.02	NA	NA	250	**2.63**	NA	NA	NA	NA	**0.209**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	<0.02	NA	NA	192	0.598	84.8	12.3	253	NA	0.177	NA	NA	NA	NA
	04/07/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.163	NA	NA	NA	NA
MW043	01/23/06	<0.02	0.0905	<0.005	362	<0.2	NA	NA	NA	<0.02	**2.15**	<0.0002	**0.0573**	<0.005	<0.02
	06/30/06	0.04	0.0718	<0.005	NA	<0.2	NA	NA	NA	<0.02	0.0452	NA	<0.02	<0.005	<0.02
	04/09/07	0.0468	NA	NA	35.2	<0.2	NA	NA	NA	NA	0.0894	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/26/08	0.0345	NA	NA	65.2	<0.2	23.6	16.3	353	NA	0.188	NA	NA	NA	NA
	03/24/09	0.022	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.311**	NA	NA	NA	NA
MW044	02/02/06	<0.02	0.0568	<0.005	233	<0.2	NA	NA	NA	<0.02	**0.283**	<0.0002	<0.02	<0.005	<0.02
	07/21/06	<0.02	0.0766	<0.005	NA	<0.2	NA	NA	NA	<0.015	**0.251**	NA	<0.02	<0.005	<0.02
	04/06/07	<0.02	NA	NA	145	0.217	NA	NA	NA	NA	**0.288**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/08	<0.02	NA	NA	172	<0.2	85.9	11.4	422	NA	**0.548**	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.393**	NA	NA	NA	NA
MW045	01/27/06	<0.02	0.0988	<0.005	213	<0.2	NA	NA	NA	<0.02	**0.332**	<0.0002	<0.02	<0.005	<0.02
	07/12/06	<0.02	0.1	<0.005	NA	<0.2	NA	NA	NA	<0.015	**0.305**	NA	<0.02	<0.005	<0.02
	04/02/07	<0.02	NA	NA	222	<0.2	NA	NA	NA	NA	**0.333**	NA	NA	NA	NA
	04/17/07	<0.02	NA	NA	190	<0.2	NA	NA	NA	NA	**0.227**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	178	0.248	42.4	10.8	272	NA	**0.312**	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	**1.83**	NA	NA	NA	NA	**0.354**	NA	NA	NA	NA
MW046	01/26/06	0.043	0.38	<0.005	116	**2.34**	NA	NA	NA	<0.02	**1.22**	<0.0002	<0.02	<0.005	<0.02
	07/12/06	0.0386	0.387	<0.005	NA	**2.51**	NA	NA	NA	<0.015	**1.32**	NA	<0.02	<0.005	<0.02
	04/19/07	0.0427	NA	NA	151	**3.1**	NA	NA	NA	NA	**1.71**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/08	0.0388	NA	NA	164	**3.31**	59.5	4.33	364	NA	**1.6**	NA	NA	NA	NA
	04/07/09	0.0325	NA	NA	NA	**2.76**	NA	NA	NA	NA	**1.81**	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
Location ID		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	–	1.0	–	–	–	0.05	0.2	0.002	0.05	0.05	10
MW047	08/11/05	<0.01	NA	NA	273	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/25/06	<0.02	0.0424	<0.005	171	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/07/06	<0.02	0.0327	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/16/07	<0.02	NA	NA	101	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/03/08	<0.02	NA	NA	132	<0.2	29.3	5.68	215	NA	<0.005	NA	NA	NA	NA
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity													
MW058	08/16/05	<0.01	NA	NA	520	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/24/06	<0.02	0.0361	<0.005	313	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0455	<0.005	<0.02
	07/06/06	<0.02	0.0381	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0455	<0.005	<0.02
	09/14/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	467	0.338	221	18	457	NA	<0.005	NA	NA	NA	NA
	08/21/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/02/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW059	01/20/06	<0.02	0.0413	<0.005	230	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0372	<0.005	<0.02
	06/26/06	<0.02	0.0422	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0353	<0.005	<0.02
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/03/08	<0.02	NA	NA	289	<0.2	139	10.5	172	NA	<0.005	NA	NA	NA	NA
	08/14/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0091	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/12/09	0.0232	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW060	08/16/05	<0.01	NA	NA	454	<0.4	NA	NA	NA	NA	0.04	NA	NA	NA	NA
	01/24/06	<0.02	0.0468	<0.005	503	0.24	NA	NA	NA	<0.02	0.0543	<0.0002	0.0332	<0.005	<0.02
	07/06/06	<0.02	0.0592	<0.005	NA	<0.2	NA	NA	NA	<0.015	**0.354**	NA	<0.0225	<0.005	<0.02
	03/28/07	<0.02	NA	NA	554	0.286	NA	NA	NA	NA	**0.423**	NA	NA	NA	
	09/14/07	<0.02	NA	NA	NA	0.399	NA	NA	NA	NA	**0.635**	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	484	0.357	220	13.6	272	NA	**0.734**	NA	NA	NA	NA
	08/11/08	<0.02	NA	NA	NA	0.361	NA	NA	NA	NA	**0.914**	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	0.451	NA	NA	NA	NA	**0.956**	NA	NA	NA	NA
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**1.11**	NA	NA	NA	NA
MW061	01/26/06	<0.02	0.0409	<0.005	352	<0.2	NA	NA	NA	<0.02	**0.296**	<0.0002	**0.0616**	<0.005	<0.02
	07/05/06	<0.02	0.0274	<0.005	NA	<0.2	NA	NA	NA	<0.015	**0.3**	NA	0.049	<0.005	<0.02
	04/18/07	<0.02	NA	NA	343	<0.2	NA	NA	NA	NA	**0.29**	NA	NA	NA	NA
	09/21/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.267**	NA	NA	NA	NA
	08/07/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.186**	NA	NA	NA	NA
	04/01/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.158	NA	NA	NA	NA
	08/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0615	NA	NA	NA	NA
MW068	01/19/06	<0.02	0.0647	<0.005	259	<0.2	NA	NA	NA	<0.02	**0.819**	<0.0002	<0.02	<0.005	<0.02
	06/21/06	<0.02	0.0566	<0.005	NA	<0.2	NA	NA	NA	<0.02	**0.244**	NA	<0.02	<0.005	<0.02
	03/22/07	<0.02	NA	NA	120	<0.2	NA	NA	NA	NA	0.0894	NA	NA	NA	<0.02
	09/07/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.367**	NA	NA	NA	<0.02
	03/25/08	<0.02	NA	NA	279	<0.2	80.9	35.8	1170	NA	**1.02**	NA	NA	NA	NA
	08/11/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**1.95**	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.396**	NA	NA	NA	NA
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.588**	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW069	01/19/06	<0.02	0.167	<0.005	677	0.847	NA	NA	NA	<0.02	0.118	<0.0002	<0.02	<0.005	<0.02
	06/21/06	<0.02	0.134	<0.005	NA	<0.2	NA	NA	NA	<0.02	0.114	NA	<0.02	<0.005	<0.02
	03/22/07	<0.02	NA	NA	303	0.62	NA	NA	NA	NA	1.55	NA	NA	NA	<0.02
	09/07/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.208	NA	NA	NA	<0.02
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity													
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.288	NA	NA	NA	NA
MW070	01/27/06	<0.02	0.0659	<0.005	68.8	<0.2	NA	NA	NA	<0.02	0.0059	<0.0002	<0.02	<0.005	<0.02
	06/22/06	<0.02	0.0606	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/29/07	<0.02	NA	NA	79.9	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	106	<0.2	51.3	6.71	111	NA	<0.005	NA	NA	NA	NA
	08/05/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0058	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW088M	01/19/05	<0.05	NA	NA	4050	942	NA	NA	NA	NA	<0.10	NA	NA	NA	NA
	07/12/05	<0.05	NA	NA	405	<2.0	NA	NA	NA	NA	43.2	NA	NA	NA	NA
	02/06/06	0.144	1.04	0.025	3480	1330	NA	NA	NA	0.1	36	0.004	0.1	0.025	0.1
	07/20/06	<0.02	0.0905	<0.005	NA	0.405	NA	NA	NA	<0.015	2.12	NA	<0.02	<0.005	<0.02
	04/05/07	<0.02	NA	NA	362	2.44	NA	NA	NA	NA	0.0385	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/08	0.154	NA	NA	3270	1420	406	624	338	NA	58.7	NA	NA	NA	NA
	04/01/09	0.117	NA	NA	NA	1030	NA	NA	NA	NA	52.7	NA	NA	NA	NA
RW002	01/25/05	<0.01	NA	NA	597	2	NA	NA	NA	NA	0.88	NA	NA	NA	NA
	07/07/05	<0.01	NA	NA	595	8.9	NA	NA	NA	NA	1.44	NA	NA	NA	NA
	02/10/06	<0.02	0.151	<0.005	952	23.7	NA	NA	NA	<0.02	6.42	<0.0002	<0.02	<0.005	<0.02
	07/20/06	<0.02	0.0733	<0.005	NA	21.8	NA	NA	NA	<0.015	1.79	NA	<0.02	<0.005	<0.02
	03/29/07	<0.02	NA	NA	554	40.7	NA	NA	NA	NA	1.51	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/17/08	<0.02	NA	NA	547	24.6	133	16.7	539	NA	1.23	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	14.8	NA	NA	NA	NA	1.64	NA	NA	NA	NA
RW003	09/09/04	<0.01	NA	NA	468	<0.1	NA	NA	NA	NA	0.06	NA	NA	NA	NA
	01/18/05	<0.01	NA	NA	590	4.2	NA	NA	NA	NA	1.9	NA	NA	NA	NA
	07/12/05	<0.01	NA	NA	408	12.6	NA	NA	NA	NA	3.71	NA	NA	NA	NA
	02/10/06	0.0367	1.48	<0.005	476	94.9	NA	NA	NA	<0.02	11.7	<0.0002	<0.02	<0.005	<0.02
	07/20/06	0.0656	1.47	<0.005	NA	73.8	NA	NA	NA	<0.015	1.15	NA	<0.02	<0.005	<0.02
	04/02/07	0.128	NA	NA	418	44.9	NA	NA	NA	NA	0.889	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/08	0.12	NA	NA	426	40.4	85.7	35.7	419	NA	0.833	NA	NA	NA	NA
	04/01/09	0.101	NA	NA	NA	53.3	NA	NA	NA	NA	0.05	NA	NA	NA	NA
IW001	09/15/04	<0.05	NA	NA	1420	115	NA	NA	NA	NA	2.9	NA	NA	NA	NA
	01/26/05	<0.1	NA	NA	679	77.8	NA	NA	NA	NA	0.4	NA	NA	NA	NA
	07/07/05	<0.05	NA	NA	1160	82.5	NA	NA	NA	NA	0.94	NA	NA	NA	NA
	02/06/06	0.0274	0.993	<0.005	1520	145	NA	NA	NA	<0.02	3.49	<0.0002	<0.02	<0.005	0.381
	07/20/06	0.0287	1.33	0.0122	NA	208	NA	NA	NA	<0.015	4.55	NA	<0.02	<0.005	0.341
	04/16/07	<0.02	NA	NA	514	71.9	NA	NA	NA	NA	1.32	NA	NA	NA	NA
	04/17/08	<0.5	NA	NA	2250	197	174	393	301	NA	5.12	NA	NA	NA	NA
	03/31/09	0.0519	NA	NA	NA	49.8	NA	NA	NA	NA	2.45	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
IW002	09/09/04	NA	NA	NA	NA	**6**	NA	NA	NA	NA	0.2	NA	NA	NA	NA
	01/19/05	NA	NA	NA	542	**82**	NA	NA	NA	NA	**0.32**	NA	NA	NA	NA
	07/12/05	NA	NA	NA	NA	**90.9**	NA	NA	NA	NA	**0.53**	NA	NA	NA	NA
	02/06/06	0.0264	0.755	<0.005	1060	**265**	NA	NA	NA	<0.02	**4.62**	<0.001	<0.02	<0.005	0.589
	07/20/06	0.0314	0.888	**0.0198**	NA	**365**	NA	NA	NA	<0.015	**4.58**	NA	<0.02	<0.005	0.372
	04/11/07	0.1	NA	NA	1680	**79.8**	NA	NA	NA	NA	**1.47**	NA	NA	NA	NA
	04/21/08	<0.10	NA	NA	1290	**37.8**	85.5	250	162	NA	**1.04**	NA	NA	NA	NA
	4/6/2009*	<0.10	NA	NA	NA	**27.9**	NA	NA	NA	NA	**0.993**	NA	N	NA	NA
DEEP ZONE WELLS															
MW002A	01/24/06	<0.02	0.04	<0.005	131	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/06/06	0.0202	0.0408	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.0051	NA	<0.02	<0.005	<0.02
	04/12/07	<0.02	NA	NA	179	<0.2	NA	NA	NA	NA	0.0115	NA	NA	NA	NA
	04/02/08	0.0222	NA	NA	340	<0.2	195	16.6	414	NA	0.0363	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0228	NA	N	NA	NA
MW004A	08/15/05	NA	NA	NA	29.1	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/25/06	<0.02	0.0282	<0.005	143	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0249	<0.005	<0.02
	07/07/06	<0.02	0.0251	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/16/07	<0.02	NA	NA	173	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/03/08	0.0203	NA	NA	215	<0.2	131	10.7	222	NA	<0.005	NA	NA	NA	NA
	03/31/09	0.0257	NA	NA	NA	**986**	NA	NA	NA	NA	**13**	NA	N	NA	NA
MW007A	08/10/05	NA	NA	NA	214	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/26/06	<0.02	0.0338	<0.005	301	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0322	<0.005	<0.02
	07/07/06	<0.02	0.0254	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.0002	<0.005	<0.02
	04/16/07	<0.02	NA	NA	283	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/03/08	<0.02	NA	NA	339	<0.2	151	14	369	NA	0.0112	NA	NA	NA	NA
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity													
MW008A	09/16/04	NA	NA	NA	617	0.1	NA	NA	NA	NA	0.06	NA	NA	NA	NA
	01/06/05	NA	NA	NA	617	0.61	NA	NA	NA	NA	**0.22**	NA	NA	NA	NA
	07/06/05	NA	NA	NA	123	**22.3**	NA	NA	NA	NA	**1.75**	NA	NA	NA	NA
	02/09/06	0.0329	**13.6**	<0.005	575	**29.5**	NA	NA	NA	<0.02	**2.36**	<0.002	<0.02	<0.005	<0.02
	07/18/06	0.0236	**11.2**	<0.005	NA	**11.5**	NA	NA	NA	<0.015	**1.09**	NA	<0.02	<0.005	<0.02
	04/03/07	0.0753	NA	NA	615	**70.6**	NA	NA	NA	NA	**1.49**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	0.0981	NA	NA	733	**113**	385	31.6	582	NA	**1.54**	NA	NA	NA	NA
	03/26/09	**0.106**	NA	NA	NA	**155**	NA	NA	NA	NA	**1.84**	NA	NA	NA	NA
MW009A	08/16/05	NA	NA	NA	161	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	02/02/06	<0.02	0.0192	<0.005	269	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0361	<0.005	<0.02
	07/13/06	<0.02	0.0185	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0451	<0.005	<0.02
	04/04/07	<0.02	NA	NA	252	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	249	<0.2	128	16	373	NA	<0.005	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW011A	09/15/04	NA	NA	NA	398	<0.1	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/25/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/11/05	NA	NA	NA	620	<0.4	NA	NA	NA	NA	0.03	NA	NA	NA	NA
	02/10/06	<0.02	0.0273	<0.005	589	<0.2	NA	NA	NA	<0.02	0.0263	<0.0002	**0.0818**	<0.005	0.168
	07/19/06	<0.02	0.0297	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0299	NA	**0.0761**	<0.005	0.155
	03/29/07	<0.02	NA	NA	551	<0.2	NA	NA	NA	NA	0.0407	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	<0.02	NA	NA	513	<0.2	247	36.7	821	NA	0.0441	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0151	NA	N	NA	NA
MW012A	07/14/04	NA	NA	NA	281	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/18/05	NA	NA	NA	169	<0.4	NA	NA	NA	NA	**1.01**	NA	NA	NA	NA
	07/12/05	NA	NA	NA	169	<0.4	NA	NA	NA	NA	**0.59**	NA	NA	NA	NA
	02/10/06	<0.02	0.14	<0.005	49.2	<0.2	NA	NA	NA	<0.02	0.039	<0.0002	<0.02	<0.005	<0.02
	07/20/06	<0.02	0.174	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0638	NA	<0.02	<0.005	<0.02
	04/02/07	<0.02	NA	NA	65	<0.2	NA	NA	NA	NA	0.081	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0174	NA	NA	NA	NA
	04/01/09	0.02	NA	NA	NA	0.2	NA	NA	NA	NA	0.005	NA	NA	NA	NA
MW013A	06/03/05				NA	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/26/06	<0.02	0.0359	<0.005	53.4	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/05/06	<0.02	0.0325	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/16/07	0.0204	NA	NA	53.5	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/21/07	0.0259	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/07/08	0.0223	NA	NA	45.2	<0.2	23.5	5	107	NA	<0.005	NA	NA	NA	NA
	08/21/08	0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/30/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/04/09	0.0243	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW014A	01/23/06	0.0261	0.0371	<0.005	33.7	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/29/06	<0.02	0.0343	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/21/07	0.0236	NA	NA	31.3	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/13/07	0.0207	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/24/08	0.0256	NA	NA	31.9	<0.2	19.8	6.03	121	NA	<0.005	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0065	NA	NA	NA	NA
	08/20/09	0.0214	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW015A	01/23/06	<0.02	0.126	<0.005	235	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/29/06	<0.02	0.133	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/22/07	<0.02	NA	NA	249	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/14/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/24/08	<0.02	NA	NA	347	<0.2	234	20.7	550	NA	<0.005	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW016A	01/20/06	<0.02	0.0246	<0.005	90.1	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/29/06	<0.02	0.0248	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/22/07	<0.02	NA	NA	95	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/13/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/19/08	<0.02	NA	NA	90.9	<0.2	50.8	7.5	156	NA	<0.005	NA	NA	NA	NA
	08/07/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW017A	01/24/06	0.0226	0.0412	<0.005	38.4	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/29/06	0.0206	0.0342	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/21/07	0.0226	NA	NA	48.5	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	PLUGGED AND ABONDONED														
MW018A	01/20/06	<0.02	0.0273	<0.005	100	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/29/06	<0.02	0.0267	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	0.0241
	04/02/07	<0.02	NA	NA	105	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/13/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/24/08	<0.02	NA	NA	105	<0.2	63	8.77	171	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	105	<0.2	63	8.77	171	NA	<0.005	NA	NA	NA	NA
	08/21/09	0.0209	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW019A	01/23/06	<0.02	0.0302	<0.005	126	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/30/06	<0.02	0.0291	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/04/07	<0.02	NA	NA	118	0.212	NA	NA	NA	NA	0.0083	NA	NA	NA	NA
	09/14/07	<0.02	NA	NA	NA	0.486	NA	NA	NA	NA	0.0186	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	127	<0.2	69.7	8.88	189	NA	<0.005	NA	NA	NA	NA
	08/07/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW020A	01/24/06	<0.02	0.0247	<0.005	181	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/30/06	<0.02	0.0242	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0203	<0.005	<0.02
	04/04/07	<0.02	NA	NA	236	0.421	NA	NA	NA	NA	0.0068	NA	NA	NA	NA
	09/18/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	233	0.347	126	12.6	248	NA	0.0058	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/19/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW021A	01/24/06	<0.02	0.0368	<0.005	626	<0.2	NA	NA	NA	<0.02	0.0103	<0.0002	<0.02	<0.005	<0.02
	06/30/06	<0.02	0.0381	<0.005	NA	<0.2	NA	NA	NA	<0.02	0.0077	NA	<0.02	<0.005	<0.02
	04/09/07	<0.02	NA	NA	465	<0.2	NA	NA	NA	NA	0.0112	NA	NA	NA	NA
	09/19/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0139	NA	NA	NA	NA
	04/01/08	<0.02	NA	NA	595	<0.2	295	48.3	3620	NA	0.0158	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0152	NA	NA	NA	NA
	08/06/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0114	NA	NA	NA	NA
MW022A	01/24/06	<0.02	0.0535	<0.005	65.2	<0.2	NA	NA	NA	<0.02	<0.0058	<0.0002	<0.02	<0.005	<0.02
	07/06/06	<0.02	0.0649	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	03/30/07	<0.02	NA	NA	69.9	0.28	NA	NA	NA	NA	0.0112	NA	NA	NA	NA
	09/14/07	<0.02	NA	NA	NA	0.508	NA	NA	NA	NA	0.0219	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	70.1	0.607	12.2	3.42	52.4	NA	0.0216	NA	NA	NA	NA
	08/13/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0143	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0059	NA	NA	NA	NA
MW023A	08/10/05	<0.02	NA	NA	38.6	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/20/06	0.0246	0.0387	<0.005	35.8	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/26/06	<0.02	0.0372	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/29/07	<0.02	NA	NA	34.1	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	0.0287	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	33.8	<0.2	18.5	4.94	102	NA	<0.005	NA	NA	NA	NA
	08/12/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0073	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW024A	01/25/06	<0.02	0.0377	<0.005	72.1	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/27/06	<0.02	0.0407	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/11/07	0.0206	NA	NA	66.1	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/14/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/07/08	<0.02	NA	NA	72.8	<0.2	41.2	6.84	120	NA	<0.005	NA	NA	NA	NA
	08/13/08	0.0251	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0139	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/12/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW039A	06/08/05	0.01	NA	NA	84.2	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/25/06	0.0219	0.0333	<0.005	134	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0243	<0.005	<0.02
	07/06/06	0.0229	0.0338	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0292	<0.005	<0.02
	04/12/07	<0.02	NA	NA	117	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/03/08	<0.02	NA	NA	159	<0.2	87.2	9.17	201	NA	<0.005	NA	NA	NA	NA
	04/02/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW040A	08/18/05	<0.02	NA	NA	32.6	<0.4	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/20/06	0.0234	0.0332	<0.005	35	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/28/06	0.0203	0.0348	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/02/07	<0.02	NA	NA	34.8	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/24/08	0.0223	NA	NA	33	<0.2	21.6	5.52	106	NA	<0.005	NA	NA	NA	NA
	08/07/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	0.0304	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW041A	01/26/06	<0.02	0.0181	<0.005	268	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0425	<0.005	<0.02
	07/07/06	<0.02	0.0191	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.032	<0.005	<0.02
	04/17/07	<0.02	NA	NA	185	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	201	<0.2	106	11.8	287	NA	<0.005	NA	NA	NA	NA
	04/01/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW042A	01/19/06	<0.02	0.0526	<0.005	18.3	0.89	NA	NA	NA	<0.02	0.0091	<0.0002	<0.02	<0.005	<0.02
	06/22/06	<0.02	0.0328	<0.005	NA	<0.2	NA	NA	NA	<0.02	0.0056	NA	0.0477	<0.005	0.0206
	04/17/07	<0.02	NA	NA	345	<0.2	NA	NA	NA	NA	0.0135	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	317	<0.2	165	46.3	1840	NA	0.0094	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0073	NA	NA	NA	NA
MW046A	01/26/06	<0.02	0.0204	<0.005	282	<0.2	NA	NA	NA	<0.02	0.0539	<0.0002	<0.02	<0.005	<0.02
	07/12/06	<0.02	0.0179	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0339	NA	0.0318	<0.005	<0.02
	04/17/07	<0.02	NA	NA	314	<0.2	NA	NA	NA	NA	0.0257	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	225	<0.2	128	13.5	333	NA	0.0159	NA	NA	NA	NA
	03/31/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0167	NA	NA	NA	NA
MW048SA	01/25/06	<0.02	0.041	<0.005	162	1.16	NA	NA	NA	<0.02	0.0173	<0.0002	0.0256	<0.005	<0.02
	07/11/06	<0.02	0.0255	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0226	<0.005	<0.02
	04/10/07	<0.02	NA	NA	183	<0.295	NA	NA	NA	NA	0.0072	NA	NA	NA	NA
	09/20/07	0.0207	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/01/08	<0.02	NA	NA	181	0.264	101	13.3	194	NA	<0.005	NA	NA	NA	NA
	08/20/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/12/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW049SA	01/25/06	<0.02	0.0335	<0.005	468	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/11/06	<0.02	0.0314	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/10/07	<0.02	NA	NA	419	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	368	0.303	197	23.7	1130	NA	0.0071	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW050SA	01/25/06	<0.02	0.0497	<0.005	239	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.023	<0.005	<0.02
	07/10/06	<0.02	0.0466	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.03	<0.005	<0.02
	04/09/07	<0.02	NA	NA	286	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/01/08	<0.02	NA	NA	286	<0.2	134	15	870	NA	0.0072	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0057	NA	NA	NA	NA
MW051SA	01/26/06	<0.02	0.0308	<0.005	361	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0482	<0.005	<0.02
	07/11/06	<0.02	0.0288	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	**0.0509**	<0.005	<0.02
	04/17/07	<0.02	NA	NA	450	0.272	NA	NA	NA	NA	0.007	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/08	<0.02	NA	NA	345	<0.2	164	17.5	754	NA	<0.005	NA	NA	NA	NA
	04/02/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW052SA	01/26/06	<0.02	0.0339	<0.005	495	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.0262	<0.005	<0.02
	07/11/06	<0.02	0.0301	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.029	<0.005	<0.02
	04/10/07	<0.02	NA	NA	457	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	471	<0.2	234	18	652	NA	<0.005	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW053SA	01/26/06	<0.02	0.0307	<0.005	105	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/11/06	<0.02	0.0294	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/05/07	<0.02	NA	NA	84.2	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/20/07	0.0201	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	79.9	<0.2	38.1	6.41	173	NA	<0.005	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0073	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW054SA	01/26/06	<0.02	0.0481	<0.005	254	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0306	<0.005	<0.02
	07/11/06	<0.02	0.048	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/10/07	<0.02	NA	NA	248	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/20/07	0.0217	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	270	<0.2	150	12.5	337	NA	<0.005	NA	NA	NA	NA
	08/20/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/10/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW055SA	01/25/06	<0.02	0.0206	<0.005	175	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.0225	<0.005	<0.02
	06/28/06	<0.02	0.0282	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/10/07	<0.02	NA	NA	179	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/20/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/09/08	<0.02	NA	NA	181	<0.2	110	10.4	250	NA	<0.005	NA	NA	NA	NA
	08/19/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/12/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW056SA	01/26/06	<0.02	0.028	<0.005	274	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0379	<0.005	<0.02
	07/12/06	<0.02	0.0343	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0338	<0.005	0.0238
	04/11/07	<0.02	NA	NA	245	0.414	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/21/07	0.0216	NA	NA	NA	0.209	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/09/08	<0.02	NA	NA	257	<0.2	131	17.4	865	NA	<0.005	NA	NA	NA	NA
	08/19/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/12/09	0.0254	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW057SA	01/20/06	<0.02	0.0657	<0.005	117	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/28/06	<0.02	0.0582	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	03/29/07	<0.02	NA	NA	139	0.255	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/27/08	<0.02	NA	NA	248	<0.2	98.6	7.78	304	NA	<0.005	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW062A	01/24/06	0.0277	0.0412	<0.005	39.3	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/27/06	0.0224	0.0414	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/20/07	0.0276	NA	NA	46.1	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/14/07	0.0305	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/09/08	0.0252	NA	NA	38.9	<0.2	22.8	5.12	88.6	NA	<0.005	NA	NA	NA	NA
	08/18/08	0.0265	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/02/09	0.0268	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0065	NA	NA	NA	NA
	08/03/09	0.0235	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW063A	01/20/06	0.0239	0.0406	<0.005	36.7	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/27/06	0.0235	0.0425	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/20/07	0.0243	NA	NA	43.5	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/09/08	0.0246	NA	NA	36.7	<0.2	20.6	4.87	92.7	NA	<0.005	NA	NA	NA	NA
	08/18/08	0.0259	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/02/09	0.0272	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/04/09	0.0264	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW064SA	07/22/04	<0.01	NA	NA	333	<0.01	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/12/05	<0.01	NA	NA	268	<0.40	NA	NA	NA	NA	**1.75**	NA	NA	NA	NA
	07/14/05	<0.01	NA	NA	144	**1.75**	NA	NA	NA	NA	**0.5**	NA	NA	NA	NA
	02/02/06	<0.02	0.0758	<0.005	304	**2.82**	NA	NA	NA	<0.02	0.0721	<0.0002	0.0248	<0.005	<0.02
	07/14/06	<0.02	0.0415	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0261	<0.005	<0.02
	03/21/07	<0.02	NA	NA	276	0.252	NA	NA	NA	NA	0.007	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	**220**	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	302	0.307	154	17.5	754	NA	0.0129	NA	NA	NA	NA
	08/05/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0053	NA	NA	NA	NA
	08/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
Location ID		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW065SA	06/02/05	0.03	NA	NA	NA	<0.40	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/20/06	<0.02	0.0579	<0.005	342	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0238	<0.005	<0.02
	06/28/06	<0.02	0.0565	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0249	<0.005	<0.02
	04/10/07	<0.02	NA	NA	327	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	340	<0.2	192	13.3	395	NA	<0.005	NA	NA	NA	NA
	08/19/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0071	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/06/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW066SA	01/25/06	<0.02	0.0506	<0.005	482	0.203	NA	NA	NA	<0.02	<0.005	<0.0002	0.0293	<0.005	<0.02
	07/11/06	<0.02	0.0526	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0061	NA	<0.02	<0.005	<0.02
	09/20/07	<0.02	NA	NA	NA	0.277	NA	NA	NA	NA	**0.221**	NA	NA	NA	NA
	08/19/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.259**	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.345**	NA	NA	NA	NA
	08/06/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.381**	NA	NA	NA	NA
MW067SA	01/20/06	0.0211	0.0317	<0.005	93.7	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/10/06	<0.02	0.0283	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/05/07	0.0209	NA	NA	93.5	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/13/07	0.0209	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/27/08	0.0201	NA	NA	96.3	0.226	48.1	6.54	227	NA	<0.005	NA	NA	NA	NA
	08/11/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/19/09	0.0202	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW070A	01/27/06	<0.02	0.0347	<0.005	34.9	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/22/06	<0.02	0.0334	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005		<0.02	<0.005	<0.02
	03/29/07	<0.02	NA	NA	32.3	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/11/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	34.1	<0.2	19	4.59	108	NA	<0.005	NA	NA	NA	NA
	08/05/08	0.0236	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0081	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW071SA	01/25/06	0.0242	0.308	<0.005	179	<0.2	NA	NA	NA	<0.02	**4.06**	<0.0002	<0.02	<0.005	<0.02
	07/12/06	<0.02	0.0931	<0.005	NA	<0.2	NA	NA	NA	<0.015	**4.93**	NA	<0.02	<0.005	<0.02
	04/03/07	<0.02	NA	NA	277	0.238	NA	NA	NA	NA	**4.73**	NA	NA	NA	NA
	09/19/07	0.022	NA	NA	NA	0.274	NA	NA	NA	NA	**4.86**	NA	NA	NA	NA
	03/27/08	<0.02	NA	NA	370	<0.2	190	8.73	309	NA	**4.81**	NA	NA	NA	NA
	08/12/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**2.44**	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.638**	NA	NA	NA	NA
	08/10/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.668**	NA	NA	NA	NA
MW072SA	01/23/06	0.0216	0.0258	<0.005	121	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/28/06	<0.02	0.0285	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/03/07	0.0205	NA	NA	125	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/14/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/27/08	<0.02	NA	NA	125	<0.2	60.7	8.2	274	NA	<0.005	NA	NA	NA	NA
	08/12/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0051	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
Location ID		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW073SA	01/20/06	<0.02	0.0444	<0.005	160	0.219	NA	NA	NA	<0.02	0.0066	<0.0002	<0.02	<0.005	<0.02
	06/28/06	<0.02	0.0403	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/03/07	<0.02	NA	NA	150	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/13/05	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0053	NA	NA	NA	NA
	03/27/08	<0.02	NA	NA	144	<0.2	64.7	8.07	189	NA	0.0077	NA	NA	NA	NA
	08/12/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.008	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW074SA	01/18/06	<0.02	0.0479	<0.005	242	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0388	<0.005	<0.02
	06/20/06	<0.02	0.0449	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0347	<0.005	<0.02
	04/03/07	<0.02	NA	NA	222	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/20/08	<0.02	NA	NA	209	<0.2	141	12	433	NA	<0.005	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0067	NA	NA	NA	NA
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW075SA	01/19/06	<0.02	0.0273	<0.005	252	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0456	<0.005	<0.02
	06/21/06	<0.02	0.0282	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0443	<0.005	<0.02
	04/03/07	<0.02	NA	NA	235	0.224	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/20/08	<0.02	NA	NA	220	<0.2	136	13.2	455	NA	<0.0005	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW076SA	01/19/06	<0.02	0.0198	<0.005	171	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0315	<0.005	<0.02
	06/21/06	<0.02	0.0205	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.0269	<0.005	<0.02
	04/03/07	<0.02	NA	NA	178	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/07/07	0.015	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/20/08	<0.02	NA	NA	176	<0.2	111	11.2	449	NA	<0.005	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0057	NA	NA	NA	NA
MW077SA	01/19/06	<0.02	0.0336	<0.005	388	<0.2	NA	NA	NA	<0.02	0.0095	<0.0002	0.0332	<0.005	<0.02
	06/21/06	<0.02	0.0345	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	0.0352	<0.005	0.0239
	04/11/07	<0.02	NA	NA	402	<0.2	NA	NA	NA	NA	0.0136	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0136	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	407	<0.2	219	18.9	856	NA	0.0156	NA	NA	NA	NA
	08/19/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0054	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0051	NA	NA	NA	NA
	08/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW078SA	01/19/06	<0.02	0.0429	<0.005	98	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	06/21/06	<0.02	0.0437	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	<0.02
	04/05/07	<0.02	NA	NA	93.3	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	86.1	<0.2	40	6.32	134	NA	<0.005	NA	NA	NA	NA
	08/11/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.005	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0069	NA	NA	NA	NA
	08/20/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW079SA	11/22/04	0.006	NA	NA	599	**8.2**	NA	NA	NA	NA	**2.3**	NA	NA	NA	NA
	01/05/05	<0.01	NA	NA	630	**4.43**	NA	NA	NA	NA	**1.35**	NA	NA	NA	NA
	07/20/05	<0.01	NA	NA	729	**1.97**	NA	NA	NA	NA	**0.91**	NA	NA	NA	NA
	02/03/06	<0.02	0.417	<0.005	347	**1.63**	NA	NA	NA	<0.02	**0.435**	<0.0002	<0.02	<0.005	<0.02
	07/18/06	<0.02	0.226	<0.005	NA	0.3	NA	NA	NA	<0.015	**0.269**	NA	<0.02	<0.005	<0.02
	03/28/07	<0.02	NA	NA	220	**2.21**	NA	NA	NA	NA	0.176	NA	NA	NA	NA
	09/07/07	<0.02	NA	NA	NA	**0.257**	NA	NA	NA	NA	0.178	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	113	**2.43**	59.7	18.4	246	NA	0.128	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.153	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.146	NA	NA	NA	NA
	08/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0893	NA	NA	NA	NA
MW080SA	10/11/04	<0.01	NA	NA	244	<0.1	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/05/05	<0.01	NA	NA	220	<0.40	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	07/20/05	<0.01	NA	NA	202	<0.40	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	02/02/06	<0.02	0.0412	<0.005	206	<0.2	NA	NA	NA	<0.02	**0.0275**	<0.0002	<0.02	<0.005	<0.02
	07/18/06	<0.02	0.0419	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0135	NA	<0.02	<0.005	<0.02
	03/28/07	<0.02	NA	NA	151	<0.2	NA	NA	NA	NA	0.0168	NA	NA	NA	NA
	09/07/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0134	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	118	<0.2	60.8	10.6	258	NA	0.0214	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0246	NA	NA	NA	NA
	03/23/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW081SA	10/10/04	<0.01	NA	NA	412	**2.4**	NA	NA	NA	NA	**2.75**	NA	NA	NA	NA
	01/05/05	<0.01	NA	NA	345	0.77	NA	NA	NA	NA	**3.16**	NA	NA	NA	NA
	07/20/05	<0.01	NA	NA	364	**1.55**	NA	NA	NA	NA	**1.11**	NA	NA	NA	NA
	02/02/06	<0.02	0.108	<0.005	340	**2.24**	NA	NA	NA	<0.02	**0.356**	<0.0002	<0.02	<0.005	<0.02
	07/18/06	<0.02	0.111	<0.005	NA	0.511	NA	NA	NA	<0.015	**0.301**	NA	<0.02	<0.005	<0.02
	03/28/07	<0.02	NA	NA	288	**4.07**	NA	NA	NA	NA	**0.506**	NA	NA	NA	NA
	09/07/07	<0.02	NA	NA	NA	**1.13**	NA	NA	NA	NA	**0.23**	NA	NA	NA	NA
	04/02/08	<0.02	NA	NA	139	**4.56**	69.1	12.4	286	NA	**0.0919**	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	**1.76**	NA	NA	NA	NA	**0.0916**	NA	NA	NA	NA
	03/23/09	<0.02	NA	NA	NA	0.297	NA	NA	NA	NA	0.0821	NA	NA	NA	NA
	08/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0742	NA	NA	NA	NA
MW082SA	10/19/04	<0.10	NA	NA	1430	**1600**	NA	NA	NA	NA	**94.4**	NA	NA	NA	NA
	01/12/05	<0.01	NA	NA	438	**15.7**	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	07/14/05	<0.01	NA	NA	973	<0.40	NA	NA	NA	NA	**2.89**	NA	NA	NA	NA
	02/03/06	0.0809	0.482	<0.005	425	**2.2**	NA	NA	NA	<0.02	**1.06**	<0.0002	<0.02	<0.005	<0.02
	07/14/06	0.0226	0.323	<0.005	NA	<0.2	NA	NA	NA	<0.015	**1.15**	NA	<0.02	<0.005	<0.02
	03/22/07	<0.02	NA	NA	303	0.62	NA	NA	NA	NA	**1.55**	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	**1.97**	NA	NA	NA	NA	**1.9**	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	317	**4.16**	152	28.8	572	NA	**2.07**	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	**1.66**	NA	NA	NA	NA	**2.1**	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	**4.56**	NA	NA	NA	NA	**2.61**	NA	NA	NA	NA
	08/17/09	<0.02	NA	NA	NA	0.565	NA	NA	NA	NA	**3.15**	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	–	1.0	–	–	–	0.05	0.2	0.002	0.05	0.05	10
MW083SA	10/19/04	<0.10	NA	NA	1720	**2970**	NA	NA	NA	NA	**255**	NA	NA	NA	NA
	01/13/05	<0.01	NA	NA	504	**26.2**	NA	NA	NA	NA	**1.98**	NA	NA	NA	NA
	07/14/05	<0.01	NA	NA	788	<0.40	NA	NA	NA	NA	**3.6**	NA	NA	NA	NA
	02/03/06	0.0899	0.6	<0.005	596	**2.94**	NA	NA	NA	<0.02	**6.98**	0.002	<0.02	<0.005	<0.02
	07/14/06	0.0486	0.523	<0.005	NA	<0.2	NA	NA	NA	<0.015	**5.04**	NA	<0.02	<0.005	<0.02
	03/22/07	0.0281	NA	NA	413	**1.29**	NA	NA	NA	NA	**2.55**	NA	NA	NA	NA
	09/06/07	0.0204	NA	NA	NA	0.2	NA	NA	NA	NA	**2.01**	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	337	0.456	196	29.6	631	NA	**1.26**	NA	NA	NA	NA
	08/06/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.0103**	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	**8.65**	NA	NA	NA	NA	**1.12**	NA	NA	NA	NA
	08/17/09	<0.02	NA	NA	NA	0.52	NA	NA	NA	NA	**1.09**	NA	NA	NA	NA
MW084SA	10/20/04	<0.01	NA	NA	550	<0.2	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/13/05	<0.01	NA	NA	522	**1.61**	NA	NA	NA	NA	0.02	NA	NA	NA	NA
	07/18/05	<0.01	NA	NA	418	<0.40	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	02/03/06	<0.02	0.0679	<0.005	495	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0338	<0.005	<0.02
	07/14/06	<0.02	0.0525	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0264	<0.005	<0.02
	03/21/07	<0.02	NA	NA	452	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	
	09/06/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	534	<0.2	276	24.2	999	NA	<0.005	NA	NA	NA	NA
	08/05/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/13/09	0.0229	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW085SA	10/20/04	<0.01	NA	NA	420	0.1	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/13/05	<0.01	NA	NA	339	0.44	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	07/18/05	<0.01	NA	NA	330	<0.40	NA	NA	NA	NA	0.03	NA	NA	NA	NA
	02/03/06	<0.02	0.224	<0.005	336	0.89	NA	NA	NA	<0.02	**0.24**	<0.0002	0.0238	<0.005	<0.02
	07/14/06	<0.02	0.0657	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0221	NA	<0.02	<0.005	<0.02
	03/21/07	<0.02	NA	NA	315	**1.52**	NA	NA	NA	NA	0.0917	NA	NA	NA	NA
	09/06/07	<0.02	NA	NA	NA	**1.31**	NA	NA	NA	NA	0.111	NA	NA	NA	NA
	03/25/08	<0.02	NA	NA	309	<0.2	159	15.5	836	NA	0.0089	NA	NA	NA	NA
	08/05/08	<0.02	NA	NA	NA	**<0.2**	NA	NA	NA	NA	**0.0061**	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	0.435	NA	NA	NA	NA	0.197	NA	NA	NA	NA
	08/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW086SA	09/14/04	<0.01	NA	NA	491	0.1	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/13/05	<0.01	NA	NA	460	<0.40	NA	NA	NA	NA	C	NA	NA	NA	NA
	06/02/05	<0.01	NA	NA	383	<0.40	NA	NA	NA	NA	<0.01	NA	NA	NA	NA
	01/27/06	<0.02	0.0339	<0.005	304	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/12/06	<0.02	0.0386	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/11/07	<0.02	NA	NA	327	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/21/07	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	313	<0.2	170	11.8	383	NA	<0.005	NA	NA	NA	NA
	08/19/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/10/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
Location ID		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
MW087A	09/14/04	<0.01	NA	NA	452	<0.2	NA	NA	NA	NA	<0.05	NA	NA	NA	NA
	01/13/05	<0.01	NA	NA	525	<0.40	NA	NA	NA	NA	**0.42**	NA	NA	NA	NA
	07/06/05	<0.01	NA	NA	449	0.94	NA	NA	NA	NA	**1.11**	NA	NA	NA	NA
	02/06/06	0.0222	**4.52**	<0.005	558	**14.5**	NA	NA	NA	<0.02	**6.61**	0.001	<0.02	<0.005	<0.02
	07/18/06	<0.02	**2.92**	<0.005	NA	<0.217	NA	NA	NA	<0.015	**3.5**	NA	<0.02	<0.005	<0.02
	04/13/07	<0.02	NA	NA	393	**13**	NA	NA	NA	NA	**1.72**	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	0.0276	NA	NA	378	**4.27**	345	17.4	737	NA	**1.4**	NA	NA	NA	NA
	03/30/09	0.0241	NA	NA	NA	**1.23**	NA	NA	NA	NA	**0.786**	NA	NA	NA	NA
MW089SA	02/09/06	<0.02	0.0401	<0.005	397	<0.284	NA	NA	NA	<0.02	0.0131	<0.0002	0.038	<0.005	0.0289
	07/21/06	<0.02	0.0219	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	**0.0532**	<0.005	<0.02
	04/04/07	<0.02	NA	NA	277	<0.2	NA	NA	NA	NA	0.0056	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/09/08	<0.02	NA	NA	407	<0.2	193	16.5	548	NA	0.0118	NA	NA	NA	NA
	03/26/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW090SA	02/09/06	<0.02	0.0458	<0.005	327	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0383	<0.005	<0.02
	07/21/06	<0.02	0.0375	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0408	<0.005	<0.02
	04/03/07	<0.02	NA	NA	366	<0.2	NA	NA	NA	NA	0.0051	NA	NA	NA	NA
	04/14/08	<0.02	NA	NA	381	<0.2	118	11.2	461	NA	<0.005	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	<0.2	NA	NA	492	NA	<0.005	NA	NA	NA	NA
	08/11/09	<0.02	NA	NA	NA	<0.2	NA	NA	472	NA	<0.005	NA	NA	NA	NA
MW091SA	02/09/06	<0.02	0.0452	<0.005	334	<0.2	NA	NA	NA	<0.02	0.0051	<0.0002	0.0325	<0.005	<0.02
	07/24/06	<0.02	0.0387	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0417	<0.005	<0.02
	04/05/07	<0.02	NA	NA	351	<0.2	NA	NA	NA	NA	0.0075	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/08	<0.02	NA	NA	465	<0.2	133	14.3	446	NA	<0.005	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW092SA	02/09/06	<0.02	0.051	<0.005	337	0.536	NA	NA	NA	<0.02	0.0102	<0.0002	0.0413	<0.005	<0.02
	07/24/06	<0.02	0.0307	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0483	<0.005	<0.02
	04/05/07	<0.02	NA	NA	350	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	427	0.282	130	14.5	595	NA	<0.005	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
MW093SA	02/09/06	<0.02	0.084	<0.005	349	**1.66**	NA	NA	NA	<0.02	0.0457	<0.0002	0.0399	<0.005	<0.02
	07/24/06	<0.02	0.0308	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0053	NA	0.0387	<0.005	<0.02
	04/05/07	<0.02	NA	NA	235	0.883	NA	NA	NA	NA	0.0731	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	413	<0.2	120	14.9	569	NA	<0.005	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	–	1.0	–	–	–	0.05	0.2	0.002	0.05	0.05	10
RW004A	09/16/04	<0.05	NA	NA	1580	166	NA	NA	NA	NA	5.2	NA	NA	NA	NA
	01/18/05	<0.10	NA	NA	722	78.5	NA	NA	NA	NA	14.9	NA	NA	NA	NA
	07/07/05	<0.05	NA	NA	726	51.8	NA	NA	NA	NA	7.7	NA	NA	NA	NA
	02/10/06	0.0207	0.363	<0.005	430	70.3	NA	NA	NA	<0.02	3.1	0.004	<0.02	<0.005	0.281
	07/19/06	<0.02	0.565	<0.005	NA	223	NA	NA	NA	<0.015	4.77	NA	<0.02	<0.005	0.376
	04/11/07	0.1	NA	NA	1840	478	NA	NA	NA	NA	7.68	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/16/08	0.0672	NA	NA	2090	697	178	384	124	NA	9.38	NA	NA	NA	NA
	03/31/09	0.0257	NA	NA	NA	986	NA	NA	NA	NA	13	NA	NA	NA	NA
IW003	10/11/04	NA	NA	NA	5860	149	NA	NA	NA	NA	51.1	NA	NA	NA	NA
	01/27/05	NA	NA	NA	2250	61.6	NA	NA	NA	NA	24	NA	NA	NA	NA
	07/21/05	NA	NA	NA	2090	83.3	NA	NA	NA	NA	17.2	NA	NA	NA	NA
	02/06/06	0.278	1.03	<0.005	3980	158	NA	NA	NA	<0.02	48.5	<0.01	0.0796	0.0131	0.252
	07/25/06	0.205	1.71	<0.005	NA	4.69	NA	NA	NA	<0.015	33.5	NA	<0.02	<0.005	<0.02
	04/09/07	0.358	NA	NA	1000	27.3	NA	NA	NA	NA	14.8	NA	NA	NA	NA
	04/03/08	0.254	NA	NA	756	26.1	256	209	306	NA	15.3	NA	NA	NA	NA
	03/23/09	0.188	NA	NA	NA	22.5	NA	NA	NA	NA	12.5	NA	NA	NA	NA
IW004	07/21/05	NA	NA	NA	NA	71.2	NA	NA	NA	NA	11.1	NA	NA	NA	NA
	02/06/06	0.0547	0.443	<0.005	1300	42.9	NA	NA	NA	<0.02	8.19	<0.001	0.0507	<0.005	0.0673
	07/25/06	0.0618	0.882	<0.005	NA	1.92	NA	NA	NA	<0.015	16.7	NA	<0.02	<0.005	<0.02
	04/09/07	0.0612	NA	NA	569	4.09	NA	NA	NA	NA	6.84	NA	NA	NA	NA
	04/03/08	0.0218	NA	NA	551	<0.2	233	87	507	NA	5.85	NA	NA	NA	NA
	03/23/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	3.83	NA	NA	NA	NA
IW005	10/11/04	NA	NA	NA	NA	170	NA	NA	NA	NA	11.1	NA	NA	NA	NA
	01/27/05	NA	NA	NA	NA	34.2	NA	NA	NA	NA	2.1	NA	NA	NA	NA
	07/13/05	NA	NA	NA	NA	95.3	NA	NA	NA	NA	3.9	NA	NA	NA	NA
	02/06/06	0.0595	0.675	<0.005	2200	197	NA	NA	NA	<0.02	15.6	<0.002	0.0636	<0.005	0.339
	07/26/06	0.096	0.675	<0.005	NA	49.3	NA	NA	NA	<0.015	19	NA	0.0428	<0.005	0.0909
	03/27/07	0.272	NA	NA	875	13.8	NA	NA	NA	NA	3.14	NA	NA	NA	NA
	04/12/07	0.329		NA	726	6.33	NA	NA	NA	NA	2.15	NA	NA	NA	NA
	04/01/08	0.154	NA	NA	681	23.5	302	221	277	NA	4.69	NA	NA	NA	NA
	03/23/09	0.0971	NA	NA	NA	6.21	NA	NA	NA	NA	1.8	NA	NA	NA	NA
IW006	10/13/04	NA	NA	NA	3560	202	NA	NA	NA	NA	26.5	NA	NA	NA	NA
	01/10/05	NA	NA	NA	3110	240	NA	NA	NA	NA	35.3	NA	NA	NA	NA
	07/13/05	NA	NA	NA	1770	114	NA	NA	NA	NA	17.4	NA	NA	NA	NA
	02/07/06	0.118	1	0.0058	2720	184	NA	NA	NA	<0.0289	41.5	<0.004	0.0758	0.012	0.338
	07/26/06	0.288	0.763	<0.005	NA	5.41	NA	NA	NA	<0.015	10.4	NA	<0.02	<0.005	<0.02
	03/27/07	0.203	NA	NA	784	16.4	NA	NA	NA	NA	6.21	NA	NA	NA	NA
	04/12/07	0.16	NA	NA	637	10.1	NA	NA	NA	NA	3.6	NA	NA	NA	NA
	04/01/08	0.129	NA	NA	597	8.04	219	181	264	NA	6.46	NA	NA	NA	NA
	03/19/09	0.0761	NA	NA	NA	6.9	NA	NA	NA	NA	5.59	NA	NA	NA	NA

TABLE 3
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NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
IW007	12/02/04	NA	NA	NA	3400	217	NA	NA	NA	NA	11.2	NA	NA	NA	NA
	01/10/05	NA	NA	NA	1930	137	NA	NA	NA	NA	7.6	NA	NA	NA	NA
	07/13/05	NA	NA	NA	1400	90.7	NA	NA	NA	NA	5.5	NA	NA	NA	NA
	02/07/06	0.125	0.756	0.0058	3930	213	NA	NA	NA	0.0425	21.5	<0.004	0.075	0.008	0.432
	07/26/06	0.0599	0.741	<0.005	NA	44.9	NA	NA	NA	<0.015	16.2	NA	0.0774	<0.005	0.259
	03/26/07	0.0622	NA	NA	5090	69.3	NA	NA	NA	NA	27.5	NA	NA	NA	NA
	04/01/08	0.0464	NA	NA	3410	93.5	887	303	331	NA	31.8	NA	NA	NA	NA
	03/19/09	0.299	NA	NA	NA	14	NA	NA	NA	NA	2.03	NA	NA	NA	NA
IW008	10/13/04	NA	NA	NA	2330	221	NA	NA	NA	NA	10.3	NA	NA	NA	NA
	01/11/05	NA	NA	NA	1320	106	NA	NA	NA	NA	7.5	NA	NA	NA	NA
	07/13/05	NA	NA	NA	912	88.7	NA	NA	NA	NA	1.8	NA	NA	NA	NA
	02/07/06	0.0674	0.472	<0.005	1280	156	NA	NA	NA	<0.02	10.4	<0.004	0.022	<0.005	0.287
	07/26/06	0.161	0.438	<0.005	NA	3	NA	NA	NA	<0.015	2.86	NA	<0.02	<0.005	<0.02
	03/23/07	0.287	NA	NA	623	21.2	NA	NA	NA	NA	4.09	NA	NA	NA	NA
	04/01/08	0.144	NA	NA	566	20.3	242	111	242	NA	4.17	NA	NA	NA	NA
	03/19/09	0.0783	NA	NA	NA	13.3	NA	NA	NA	NA	3.7	NA	NA	NA	NA
IW009	10/14/04	NA	NA	NA	3700	236	NA	NA	NA	NA	15.2	NA	NA	NA	NA
	01/11/05	NA	NA	NA	3470	230	NA	NA	NA	NA	13.1	NA	NA	NA	NA
	07/13/05	NA	NA	NA	1940	114	NA	NA	NA	NA	6.2	NA	NA	NA	NA
	02/07/06	0.138	0.718	<0.005	1760	180	NA	NA	NA	<0.02	18.1	<0.01	0.115	0.0067	0.414
	07/27/06	0.0982	0.683	<0.005	NA	79.8	NA	NA	NA	<0.0242	13.3	NA	0.134	<0.005	0.574
	03/31/08	0.0562	NA	NA	2370	52.6	810	234	362	NA	24.3	NA	NA	NA	NA
	03/19/09	<0.1	NA	NA	NA	46.1	NA	NA	NA	NA	25.9	NA	NA	NA	NA
IW010	10/14/04	NA	NA	NA	6590	354	NA	NA	NA	NA	<0.5	NA	NA	NA	NA
	01/11/05	NA	NA	NA	4980	344	NA	NA	NA	NA	134	NA	NA	NA	NA
	07/13/05	NA	NA	NA	3310	355	NA	NA	NA	NA	81.4	NA	NA	NA	NA
	02/07/06	0.0906	1.07	<0.005	1560	117	NA	NA	NA	<0.02	42.4	<0.004	<0.02	0.0117	<0.02
	07/27/06	0.0605	0.754	<0.005	NA	5.43	NA	NA	NA	<0.015	9.86	NA	<0.02	<0.005	<0.02
	03/23/07	0.397	NA	NA	500	15.3	NA	NA	NA	NA	10.9	NA	NA	NA	NA
	03/31/08	0.0411	NA	NA	403	17.4	162	86	412	NA	11	NA	NA	NA	NA
	03/19/09	0.0208	NA	NA	NA	18.1	NA	NA	NA	NA	11.7	NA	NA	NA	NA
IW011	10/14/04	NA	NA	NA	1720	63	NA	NA	NA	NA	4.7	NA	NA	NA	NA
	01/12/05	NA	NA	NA	1830	97.8	NA	NA	NA	NA	0.38	NA	NA	NA	NA
	07/14/05	NA	NA	NA	1820	48.1	NA	NA	NA	NA	2.4	NA	NA	NA	NA
	02/08/06	0.0537	0.751	<0.005	3890	161	NA	NA	NA	<0.02	11.6	<0.004	0.0451	<0.005	0.334
	07/26/06	0.0257	0.257	<0.005	NA	57	NA	NA	NA	<0.015	11.8	NA	0.0353	<0.005	<0.02
	03/22/07	0.108	NA	NA	1090	10.8	NA	NA	NA	NA	2.41	NA	NA	NA	NA
	03/31/08	0.187	NA	NA	913	8.03	204	182	239	NA	2.7	NA	NA	NA	NA
	03/18/09	0.0874	NA	NA	NA	4.4	NA	NA	NA	NA	2.18	NA	NA	NA	NA
IW013	10/19/04	NA	NA	NA	4080	360	NA	NA	NA	NA	19.5	NA	NA	NA	NA
	01/12/05	NA	NA	NA	2700	309	NA	NA	NA	NA	18.5	NA	NA	NA	NA
	07/14/05	NA	NA	NA	2300	254	NA	NA	NA	NA	6.2	NA	NA	NA	NA
	02/08/06	0.0405	0.517	<0.005	1960	295	NA	NA	NA	<0.02	6.79	<0.004	0.0626	<0.005	0.511
	07/27/06	0.033	0.78	<0.005	NA	47.7	NA	NA	NA	<0.015	1.35	NA	<0.02	<0.005	<0.02
	03/22/07	0.0342	NA	NA	674	10.1	NA	NA	NA	NA	1.03	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	347	0.247	143	52.2	412	NA	0.315	NA	NA	NA	NA
	03/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.282	NA	NA	NA	NA

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NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
Location ID		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	–	1.0	–	–	–	0.05	0.2	0.002	0.05	0.05	10
IW014	10/19/04	NA	NA	NA	2150	1160	NA	NA	NA	NA	62.3	NA	NA	NA	NA
	01/13/05	NA	NA	NA	1770	147	NA	NA	NA	NA	1.1	NA	NA	NA	NA
	07/14/05	NA	NA	NA	2600	65.9	NA	NA	NA	NA	0.7	NA	NA	NA	NA
	02/13/06	0.0518	0.816	<0.005	4120	466	NA	NA	NA	<0.02	5.3	<0.004	0.068	<0.005	1.24
	07/25/06	0.047	0.304	0.0081	NA	228	NA	NA	NA	<0.015	3.34	NA	<0.02	<0.005	<0.0299
	03/26/07	0.0877	NA	NA	2440	144	NA	NA	NA	NA	2.43	NA	NA	NA	NA
	03/28/07	0.0819	NA	NA	NA	141	NA	NA	NA	NA	2.4	NA	NA	NA	NA
	03/26/08	0.173	NA	NA	1590	14.9	152	294	779	NA	0.678	NA	NA	NA	NA
	03/18/09	0.229	NA	NA	NA	1.59	NA	NA	NA	NA	0.413	NA	NA	NA	NA
IW015	10/11/04	NA	NA	NA	7160	121	NA	NA	NA	NA	11.6	NA	NA	NA	NA
	01/05/05	NA	NA	NA	6360	86.2	NA	NA	NA	NA	7.1	NA	NA	NA	NA
	07/21/05	NA	NA	NA	6490	55	NA	NA	NA	NA	3.62	NA	NA	NA	NA
	02/09/06	0.0806	1.34	<0.005	8070	53.1	NA	NA	NA	<0.02	4.4	<0.01	0.0446	<0.005	0.216
	07/25/06	0.216	1.33	<0.005	NA	10.4	NA	NA	NA	<0.015	0.786	NA	<0.02	<0.005	<0.02
	04/09/07	0.485	NA	NA	1000	21	NA	NA	NA	NA	0.443	NA	NA	NA	NA
	04/03/08	0.236	NA	NA	531	20.3	189	391	344	NA	0.402	NA	NA	NA	NA
	03/23/09	0.107	NA	NA	NA	14.8	NA	NA	NA	NA	0.339	NA	NA	NA	NA
IW016	10/10/04	NA	NA	NA	3320	185	NA	NA	NA	NA	4.1	NA	NA	NA	NA
	01/04/05	NA	NA	NA	4700	211	NA	NA	NA	NA	7.6	NA	NA	NA	NA
	07/20/05	NA	NA	NA	4430	213	NA	NA	NA	NA	12	NA	NA	NA	NA
	02/08/06	0.185	1.25	<0.005	5890	270	NA	NA	NA	<0.0272	13.1	<0.004	0.142	<0.005	0.524
	07/25/06	0.133	0.672	<0.005	NA	117	NA	NA	NA	<0.015	13.4	NA	<0.02	<0.005	<0.02
	03/28/07	0.06	NA	NA	926	13.4	NA	NA	NA	NA	1.42	NA	NA	NA	NA
	04/02/08	0.0586	NA	NA	551	11.5	107	377	313	NA	1	NA	NA	NA	NA
	03/24/09	0.0537	NA	NA	NA	14.4	NA	NA	NA	NA	0.978	NA	NA	NA	NA
IW018	02/06/06	0.112	0.147	<0.005	204	10.1	NA	NA	NA	<0.02	0.512	<0.0002	0.0274	<0.005	<0.02
	07/21/06	<0.02	0.104	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.295	NA	<0.02	<0.005	<0.02
	04/09/07	<0.02	NA	NA	108	0.705	NA	NA	NA	NA	0.5	NA	NA	NA	NA
	04/09/08	0.051	NA	NA	171	3.16	67.3	26.7	975	NA	0.438	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.92	NA	NA	NA	NA
IW019	02/07/06	<0.02	0.0589	<0.005	333	<0.2	NA	NA	NA	<0.02	0.0405	<0.0002	0.0432	<0.005	<0.02
	07/24/06	<0.02	0.0498	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0314	NA	0.0504	<0.005	<0.02
	04/06/07	<0.02	NA	NA	356	<0.2	NA	NA	NA	NA	0.0268	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	359	<0.2	163	20.8	1140	NA	0.0283	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	0.0297	NA	NA	NA	NA
IW020	02/07/06	<0.02	0.0368	<0.005	280	<0.2	NA	NA	NA	<0.02	0.017	<0.0002	0.0352	<0.005	<0.02
	07/24/06	<0.02	0.037	<0.005	NA	<0.2	NA	NA	NA	<0.015	0.0077	NA	0.0416	<0.005	<0.02
	04/10/07	<0.02	NA		455	3.23	NA	NA	NA	NA	0.124	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	415	<0.2	179	18.2	828	NA	0.0295	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
IW021	02/07/06	<0.02	0.0391	<0.005	300	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0441	<0.005	<0.02
	07/24/06	<0.02	0.0327	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0511	<0.005	<0.02
	04/05/07	<0.02	NA	NA	317	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/08/08	<0.02	NA	NA	434	<0.2	128	14.3	569	NA	<0.005	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
IW022	02/07/06	<0.02	0.0515	<0.005	273	0.298	NA	NA	NA	<0.02	0.0103	<0.0002	<0.0264	<0.005	<0.02
	07/25/06	<0.02	0.0451	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0324	<0.005	<0.02
	04/10/07	<0.02	NA	NA	345	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/07/08	<0.02	NA	NA	408	<0.2	109	11.2	428	NA	<0.005	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
IW023	02/07/06	<0.02	0.0654	<0.005	282	**1.08**	NA	NA	NA	<0.02	0.0441	<0.0002	0.0389	<0.005	<0.02
	07/25/06	<0.02	0.0347	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.031	<0.005	<0.02
	04/10/07	<0.02	NA	NA	311	0.215	NA	NA	NA	NA	0.0069	NA	NA	NA	NA
	04/07/08	<0.02	NA	NA	376	**2.02**	104	10.5	377	NA	0.0342	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	351	NA	<0.005	NA	NA	NA	NA
	08/11/09	<0.02	NA	NA	NA	<0.3	NA	NA	343	NA	<0.005	NA	NA	NA	NA
IW024	02/08/06	<0.02	0.0399	<0.005	453	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	**0.0594**	<0.005	<0.02
	07/21/06	<0.02	0.0357	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	**0.0597**	<0.005	<0.02
	04/03/07	<0.02	NA	NA	458	<0.2	NA	NA	NA	NA	0.0061	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	403	<0.2	133	15.1	518	NA	<0.005	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	609	NA	**0.847**	NA	NA	NA	NA
	08/11/09	<0.02	NA	NA	NA	<0.2	NA	NA	601	NA	**0.398**	NA	NA	NA	NA
IW025	02/08/06	<0.02	0.0445	<0.005	284	0.4	NA	NA	NA	<0.02	0.0077	<0.0002	0.0392	<0.005	<0.02
	07/21/06	<0.02	0.0405	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	**0.0523**	<0.005	<0.02
	04/03/07	<0.02	NA	NA	391	0.978	NA	NA	NA	NA	0.0146	NA	NA	NA	NA
	04/14/08	<0.02	NA	NA	439	0.451	131	15.3	477	NA	0.0066	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	661	NA	0.157	NA	NA	NA	NA
	08/13/09	<0.02	NA	NA	NA	<0.2	NA	NA	563	NA	**0.263**	NA	NA	NA	NA
IW026	02/08/06	<0.02	0.0362	<0.005	348	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.049	<0.005	<0.02
	07/21/06	<0.02	0.0336	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.0499	<0.005	<0.02
	04/03/07	<0.02	NA	NA	216	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/14/08	<0.02	NA	NA	221	0.648	74.9	6.97	246	NA	0.0178	NA	NA	NA	NA
	03/16/09	<0.02	NA	NA	NA	<0.2	NA	NA	279	NA	<0.005	NA	NA	NA	NA
	08/13/09	<0.02	NA	NA	NA	<0.2	NA	NA	246	NA	<0.005	NA	NA	NA	NA
IW027	02/08/06	<0.02	0.0396	<0.005	412	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	**0.0516**	<0.005	<0.02
	07/21/06	<0.02	0.0386	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	**0.0543**	<0.005	<0.02
	04/04/07	<0.02	NA	NA	114	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	04/14/08	<0.02	NA	NA	358	0.254	115	11.1	442	NA	0.008	NA	NA	NA	NA
	03/25/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
IW028	02/08/06	<0.02	0.0338	<0.005	304	<0.2	NA	NA	NA	<0.02	0.0079	<0.0002	0.0488	<0.005	<0.02
	07/21/06	<0.02	0.0352	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	0.038	<0.005	<0.02
	04/04/07	<0.02	NA	NA	234	0.653	NA	NA	NA	NA	0.0202	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	255	<0.2	102	12.8	434	NA	<0.005	NA	NA	NA	NA
	04/07/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
WATER WELLS															
GOPWW2	01/19/06	<0.02	0	<0.005	161	**10.3**	NA	NA	NA	<0.02	**0.787**	<0.0002	<0.02	<0.005	<0.02
	06/28/06	<0.02	0.0992	<0.005	NA	<0.2	NA	NA	NA	<0.02	**0.597**	NA	<0.02	<0.005	<0.02
	04/23/07	<0.02	NA	NA	162	**6.3**	NA	NA	NA	NA	**0.26**	NA	NA	NA	NA
	09/10/07	<0.02	NA	NA	NA	**13.8**	NA	NA	NA	NA	**0.405**	NA	NA	NA	NA
	03/24/08	<0.02	NA	NA	262	**5.39**	233	16.6	630	NA	**0.559**	NA	NA	NA	NA
	08/05/08	<0.02	NA	NA	NA	**1.06**	NA	NA	NA	NA	**0.354**	NA	NA	NA	NA
	03/17/09	<0.02	NA	NA	NA	**2.18**	NA	NA	NA	NA	**0.513**	NA	NA	NA	NA
	08/18/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.577**	NA	NA	NA	NA

TABLE 3
SUMMARY OF 2009 INORGANIC METALS ANALYTICAL RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	Arsenic	Barium	Cadmium	Calcium	Iron	Magnesium	Potassium	Sodium	Lead	Manganese	Mercury	Selenium	Silver	Zinc
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		0.1	1.0	0.01	--	1.0	--	--	--	0.05	0.2	0.002	0.05	0.05	10
LordWW	01/23/06	<0.02	0.0368	<0.005	465	**9.2**	NA	NA	NA	<0.02	**0.0466**	<0.0002	0.0463	<0.005	<0.02
	06/27/06	<0.02	0.0627	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005		<0.02	<0.005	<0.02
	04/05/07	<0.02	NA	NA	406	**31.3**	NA	NA	NA	NA	**0.34**	NA	NA	NA	NA
	09/18/07	**7.32**	NA	NA	NA	**7.32**	NA	NA	NA	NA	**0.192**	NA	NA	NA	NA
	03/26/08	<0.02	NA	NA	438	**28.1**	248	18.6	521	NA	**0.272**	NA	NA	NA	NA
	08/13/08	<0.02	NA	NA	NA	**4.17**	NA	NA	NA	NA	**0.144**	NA	NA	NA	NA
	03/19/09	<0.02	NA	NA	NA	**4.2**	NA	NA	NA	NA	0.138	NA	NA	NA	NA
	08/21/09	<0.02	NA	NA	NA	**1.34**	NA	NA	NA	NA	0.139	NA	NA	NA	NA
ROLANDWW	04/06/09	Well is Inaccessible													
WoodellWW	12/21/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/25/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	01/24/06	<0.02	0.036	<0.005	321	<0.2	NA	NA	NA	<0.02	<0.005	<0.0002	0.0226	<0.005	<0.02
	06/27/06	<0.02	0.0391	<0.005	NA	<0.2	NA	NA	NA	<0.02	<0.005	NA	<0.02	<0.005	0.184
	03/29/07	<0.02	NA	NA	317	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	09/01/07	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/15/08	<0.02	NA	NA	<130.0	**1.14**	49.1	7.74	142	NA	<0.02	NA	NA	NA	NA
	08/21/08	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	03/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
	08/24/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	<0.005	NA	NA	NA	NA
EPWW1	01/26/06	<0.02	0.0683	<0.005	75.9	0.475	NA	NA	NA	<0.02	<0.005	<0.0002	<0.02	<0.005	<0.02
	07/06/06	<0.02	0.0615	<0.005	NA	<0.2	NA	NA	NA	<0.015	<0.005	NA	<0.02	<0.005	<0.02
	04/06/09	<0.02	NA	NA	NA	<0.2	NA	NA	NA	NA	**0.251**	NA	NA	NA	NA

Notes:

Bold = Detections exceeding the New Mexico Water Quality Control Commission (NM WQCC) Human Health or Domestic Water Supply Standards (if standards are available).
Sample Date followed by asterisk = Due to excessive foaming of the sample, normal reporting limits were not attained. Preservation requirements were not met.
mg/L = milligrams per liter
NA = Not Applicable
< = less than - the number following the sign is the limit of quantitation, the smalest amount of analyte which can be reliably determined using the specific analytical test.
-- = Not Analyzed

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--	--	600	10	NA	NA
SHALLOW ZONE WELLS											
MW001	04/17/08	7.2	<2.0	472	3050	--	--	1600	2.4	472	<2.0
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity									
MW002	04/02/08	7.3	<2.0	188	2730	--	--	679	33.1	188	<2.0
	03/31/09	--	--	--	3290	--	--	--	--	--	--
MW003	04/03/08	7.4	<2.0	262	2180	--	--	815	18.2	262	<2.0
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity									
MW004	04/15/08	7.1	<2.0	230	3360	--	--	1370	7.9	230	<2.0
	03/30/09	--	--	--	3940	--	--	--	--	--	--
MW005	04/17/08	6.9	<2.0	439	4010	--	--	867	0.7	439	<2.0
	04/07/09	--	--	--	2680	--	--	--	--	--	--
MW006	04/17/08	6.8	<2.0	577	5660	--	--	99.8	<0.5	577	<2.0
	04/07/09	--	--	--	4340	--	--	--	--	--	--
MW007	04/03/08	7.5	<2.0	273	1390	--	--	480	5.5	273	<2.0
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity									
MW008	04/15/08	6.5	<2.0	905	3140	--	--	599	<0.5	905	<2.0
	03/30/09	--	--	--	3730	--	--	--	--	--	--
MW008M	04/16/08	6.8	<2.0	2770	5730	--	--	<5.0	<0.5	2770	<2.0
	03/31/09	--	--	--	5300	--	--	--	--	--	--
MW009	04/15/08	7.3	<2.0	268	1990	--	--	700	14.4	268	<2.0
	03/26/09	--	--	--	2100	--	--	--	--	--	--
MW010	04/07/08	7	<2.0	207	5140	--	--	693	4.3	207	<2.0
	08/13/08	6.9	<2.0	202	5460	--	--	866	--	--	--
	03/26/09	--	--	--	5670	--	--	--	--	--	--
MW011	04/16/08	6.9	<2.0	201	5040	--	--	1470	11.3	201	<2.0
	03/31/09	--	--	--	5530	--	--	--	--	--	--
MW011M	04/16/08	7.1	<2.0	1510	4680	--	--	597	<0.5	1510	<2.0
	03/31/09	--	--	--	5250	--	--	--	--	--	--
MW012	04/17/08	6.6	<2.0	947	2640	--	--	93	<0.5	947	<2.0
	04/01/09	--	--	--	2220	--	--	--	--	--	--
MW012M	04/17/08	6.4	<2.0	5770	18000	--	--	<5.0	<0.5	5770	<2.0
	04/01/09	--	--	--	8270	--	--	--	--	--	--
MW013	04/15/08	7.3	<2.0	230	1990	--	--	1090	6.2	230	<2.0
	08/21/08	7.2	<2.0	239	3480	--	--	1330	--	--	--
	04/01/09	--	--	--	3390	--	--	--	--	--	--
	08/10/09	--	--	--	3360	--	--	--	--	--	--
MW014	04/07/08	7	<2.0	400	4230	--	--	594	11.9	400	<2.0
	03/30/09	--	--	--	4170	--	--	--	--	--	--
	08/10/09	--	--	--	647	--	--	--	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--	--	600	10	NA	NA
MW015	03/24/08	6.8	<2.0	252	5310	--	--	736	7.9	252	<2.0
	08/06/08	7.1	<2.0	258	4730	--	--	874	--	--	--
	03/19/09	--	--	--	4840	--	--	--	--	--	--
	08/20/09	--	--	--	3930	--	--	--	--	--	--
MW018	03/24/08	7.3	<2.0	304	1240	--	--	315	5.3	304	<2.0
	03/19/09	--	--	--	1390	--	--	--	--	--	--
MW020	03/26/08	7.2	<2.0	238	1820	--	--	382	16.5	238	<2.0
	08/06/08	7.2	<2.0	234	1940	--	--	343	--	--	--
	03/19/09	--	--	--	2190	--	--	--	--	--	--
MW021	04/01/08	7.1	<2.0	696	1540	--	--	268	4	696	<2.0
	08/07/08	7.2	<2.0	682	1530	--	--	242	--	--	--
	03/24/09	--	--	--	1460	--	--	--	--	--	--
	08/06/09	--	--	--	1490	--	--	--	--	--	--
MW023	04/09/08	7.2	<2.0	251	3660	--	--	1400	5.3	251	<2.0
	08/21/08	7.1	<2.0	256	3920	--	--	1580	--	--	--
	03/31/09	--	--	--	3940	--	--	--	--	--	--
	08/12/09	--	--	--	3890	--	--	--	--	--	--
MW024	04/07/08	7	<2.0	307	2180	--	--	580	4.4	307	<2.0
	08/13/08	7.1	<2.0	274	1780	--	--	499	--	--	--
	03/25/09	--	--	--	1800	--	--	--	--	--	--
MW025	03/24/08	7.1	<2.0	401	1610	--	--	326	10.4	401	<2.0
	08/07/08	7.1	<2.0	371	1550	--	--	346	--	--	--
	03/19/09	--	--	--	120	--	--	--	--	--	--
	08/20/09	--	--	--	1690	--	--	--	--	--	--
MW026	03/25/08	7.2	<2.0	191	2240	--	--	661	2.1	191	<2.0
	08/11/08	7.1	<2.0	188	2320	--	--	749	--	--	--
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity									
	08/24/09	--	--	--	2620	--	--	--	--	--	--
MW027	03/11/09	No Access (1st Half 2009)									
MW028	03/19/08	7.7	<2.0	353	1520	--	--	372	9.8	353	<2.0
	08/12/08	7.6	<2.0	365	1450	--	--	413	--	--	--
	03/19/09	--	--	--	1450	--	--	--	--	--	--
	08/24/09	--	--	--	1470	--	--	--	--	--	--
MW029	03/20/08	7.6	<2.0	170	749	--	--	165	1.8	170	<2.0
	08/05/08	7.5	<2.0	187	767	--	--	165	--	--	--
	03/16/09	--	--	--	728	--	--	--	--	--	--
	08/24/09	--	--	--	706	--	--	--	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--		600	10	NA	NA
MW030	03/25/08	7.4	<2.0	165	964	--	--	137	1.4	165	<2.0
	08/05/08	7.4	<2.0	170	962	--	--	363	--	--	--
	03/16/09	--	--	--	952	--	--	--	--	--	--
	08/20/09	--	--	--	986	--	--	--	--	--	--
MW031	03/20/08	7.4	<2.0	301	724	--	--	115	<0.5	301	<2.0
	08/05/08	7.2	<2.0	300	714	--	--	312	--	--	--
	03/24/09	--	--	--	703	--	--	--	--	--	--
	08/04/09	--	--	--	711	--	--	--	--	--	--
MW032	04/07/08	7.2	<2.0	246	1180	--	--	271	3.2	246	<2.0
	08/14/08	7.4	<2.0	255	1160	--	--	290	--	--	--
	03/30/09	--	--	--	1250	--	--	--	--	--	--
	08/06/09	--	--	--	1160	--	--	--	--	--	--
MW033	03/19/08	7.5	<2.0	397	1950	--	--	422	<0.5	397	<2.0
	08/13/08	7.3	<2.0	386	2050	--	--	464	--	--	--
	04/01/09	--	--	--	1940	--	--	--	--	--	--
	08/24/09	--	--	--	1870	--	--	--	--	--	--
MW034	04/01/08	7.2	<2.0	328	1380	--	--	331	2.9	328	<2.0
	03/25/09	--	--	--	1360	--	--	--	--	--	--
MW035	04/02/08	7	<2.0	477	766	--	--	86.6	1.4	477	<2.0
	03/24/09	--	--	--	1320	--	--	--	--	--	--
MW036	04/16/08	7	<2.0	663	1040	--	--	<5.0	<0.5	663	<2.0
	04/07/09	--	--	--	1320	--	--	--	--	--	--
MW037	04/16/08	7	<2.0	839	2950	--	--	92.6	<0.5	839	<2.0
	04/07/09	--	--	--	3840	--	--	--	--	--	--
MW038	04/16/08	7.2	<2.0	465	2060	--	--	482	25.5	465	<2.0
	04/07/09	--	--	--	1760	--	--	--	--	--	--
MW043	03/26/08	7.5	<2.0	552	1250	--	--	193	0.62	552	<2.0
	03/24/09	--	--	--	1410	--	--	--	--	--	--
MW044	04/09/08	7	<2.0	518	1900	--	--	462	1.9	518	<2.0
	03/25/09	--	--	--	1700	--	--	--	--	--	--
MW045	04/02/08	7	<2.0	563	1520	--	--	145	22.3	563	<2.0
	03/24/09	--	--	--	1220	--	--	--	--	--	--
MW046	04/17/08	7.1	<2.0	645	1760	--	--	32	<0.5	645	<2.0
	4/7/2009	--	--	--	1700	--	--	--	--	--	--
MW047	04/03/08	7.4	<2.0	287	1190	--	--	318	2.8	287	<2.0
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity									
MW058	04/15/08	7.3	<2.0	156	3660	--	--	1530	7	156	<2.0
	08/21/08	7.1	<2.0	153	4490	--	--	1850	--	--	--
	04/02/09	--	--	--	3680	--	--	--	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA[1]	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NM WQCC Standard		6-9	NA	NA	1000			600	10	NA	NA
MW059	04/03/08	7.9	<2.0	137	2040	--	--	726	4.9	137	<2.0
	08/14/08	7.2	<2.0	124	4140	--	--	1800	--	--	--
	03/31/09	--	--	--	2300	--	--	--	--	--	--
	08/12/09	--	--	--	2260	--	--	--	--	--	--
MW060	03/25/08	7.2	<2.0	143	3430	--	--	1270	<0.5	143	<2.0
	08/11/08	7.2	<2.0	129	3680	--	--	1500	--	--	--
	03/18/09	--	--	--	3420	--	--	--	--	--	--
	08/24/09	--	--	--	3450	--	--	--	--	--	--
MW061	08/07/08	7.3	<2.0	173	3140	--	--	1250	--	--	--
	04/01/09	--	--	--	2950	--	--	--	--	--	--
MW068	03/25/08	7.2	<2.0	254	4550	--	--	337	4.4	254	<2.0
	08/11/08	7.1	<2.0	282	17800	--	--	404	--	--	--
	03/18/09	--	--	--	2610	--	--	--	--	--	--
	08/24/09	--	--	--	3500	--	--	--	--	--	--
MW-69	03/11/09	No Access (1st Half 2009) - Due to Construction Activity									
	08/24/09				6690	--	--				
MW070	03/25/08	7.4	<2.0	211	896	--	--	149	2.1	211	<2.0
	08/05/08	7.3	<2.0	216	912	--	--	354	--	--	--
	03/16/09	--	--	--	902	--	--	--	--	--	--
	08/20/09	--	--	--	827	--	--	--	--	--	--
MW088M	04/21/08	5.8	<2.0	6480	21000	--	--	127	<0.5	6480	<2.0
	04/01/09	--	--	--	17100	--	--	--	--	--	--
RW002	04/17/08	6.6	<2.0	245	4590	--	--	1830	<0.5	245	<2.0
	03/31/09	--	--	--	5160	--	--	--	--	--	--
RW003	04/21/08	7.1	<2.0	1080	2700	--	--	469	<0.5	1080	<2.0
	04/01/09	--	--	--	2170	--	--	--	--	--	--
IW001	04/17/08	6.9	<2.0	5610	11200	--	--	<20.0	<0.5	5610	<2.0
	03/31/09	--	--	--	6510	--	--	--	--	--	--
IW002	04/21/08	7.1	<2.0	5400	5700	--	--	<5.0	<0.5	5400	<2.0
	4/6/2009*	--	--	--	5090	--	--	--	--	--	--
DEEP ZONE WELLS											
MW002A	04/02/08	7.2	<2.0	165	2820	--	--	500	2.3	165	<2.0
	03/31/09	--	--	--	2750	--	--	--	--	--	--
MW004A	04/03/08	7.5	<2.0	175	1740	--	--	580	3.6	175	<2.0
	03/31/09	--	--	--	1700	--	--	--	--	--	--
MW007A	04/03/08	7.8	<2.0	155	2840	--	--	1120	4.5	155	<2.0
	03/11/09	No Access (1st Half 2009) - Due to Construction Activity									
MW008A	04/15/08	6.7	<2.0	2520	6460	--	--	<5.0	<0.5	2520	<2.0
	03/26/09	--	--	--	7330	--	--	--	--	--	--
MW009A	04/15/08	7.4	<2.0	216	2580	--	--	1100	7.3	216	<2.0
	03/26/09	--	--	--	2410	--	--	--	--	--	--
MW011A	04/16/08	7.2	<2.0	157	5640	--	--	2020	11	157	<2.0
	03/31/09	--	--	--	6130	--	--	--	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--	--	600	10	NA	NA
MW012A	04/21/08	7.9	<2.0	272	517	--	--	33.2	<0.5	272	<2.0
	04/01/09	--	--	--	509	--	--	--	--	--	--
MW013A	04/07/08	7.5	<2.0	201	589	--	--	117	1.9	201	<2.0
	08/21/08	7.5	<2.0	200	588	--	--	128	--	--	--
	03/30/09	--	--	--	540	--	--	--	--	--	--
	08/04/09	--	--	--	540	--	--	--	--	--	--
MW014A	03/24/08	7.6	<2.0	219	523	--	--	107	2.1	219	<2.0
	03/18/09	--	--	--	30	--	--	--	--	--	--
	08/20/09	--	--	--	507	--	--	--	--	--	--
MW015A	03/24/08	7.1	<2.0	142	3620	--	--	160	2.2	142	<2.0
	08/06/08	7.3	<2.0	143	3140	--	--	131	--	--	--
	03/19/09	--	--	--	4190	--	--	--	--	--	--
MW016A	03/19/08	7.6	<2.0	171	976	--	--	214	2.2	171	<2.0
	08/07/08	7.5	<2.0	172	1030	--	--	206	--	--	--
	03/17/09	--	--	--	1090	--	--	--	--	--	--
MW018A	03/24/08	7.4	<2.0	189	1080	--	--	331	2.8	189	<2.0
	03/17/09				1050	--	--				
MW019A	03/26/08	7.4	<2.0	202	1180	--	--	355	2.9	202	<2.0
	08/07/08	7.4	<2.0	216	1220	--	--	266	--	--	--
	03/17/09	--	--	--	1150	--	--	--	--	--	--
MW020A	03/26/08	7.4	<2.0	163	1570	--	--	429	4.2	163	<2.0
	08/06/08	7.3	<2.0	160	1950	--	--	534	--	--	--
	03/19/09				2600	--	--	--	--	--	--
MW021A	04/01/08	6.8	<2.0	354	11900	--	--	888	2.1	354	<2.0
	03/24/09	--	--	--	11300	--	--	--	--	--	--
	08/06/09	--	--	--	13300	--	--	--	--	--	--
MW022A	04/02/08	7.7	<2.0	176	449	--	--	66.6	2.7	176	<2.0
	08/13/08	7.6	<2.0	175	437	--	--	64.9	--	--	--
	03/18/09	--	--	--	445	--	--	--	--	--	--
MW023A	03/25/08	7.7	<2.0	211	524	--	--	112	2	211	<2.0
	08/12/08	7.7	<2.0	208	502	--	--	114	--	--	--
	03/18/09	--	--	--	520	--	--	--	--	--	--
	08/20/09	--	--	--	526	--	--	--	--	--	--
MW024A	04/07/08	7.6	<2.0	183	757	--	--	132	1.8	183	<2.0
	08/13/08	7.5	<2.0	190	1160	--	--	194	--	--	--
	03/25/09	--	--	--	1350	--	--	--	--	--	--
	08/12/09	--	--	--	452	--	--	--	--	--	--
MW039A	04/03/08	7.5	<2.0	150	1390	--	--	542	4.2	150	<2.0
	04/02/09	--	--	--	1660	--	--	--	--	--	--
MW040A	03/24/08	7.7	<2.0	202	509	--	--	102	2	202	<2.0
	08/07/08	7.7	<2.0	204	510	--	--	107	--	--	--
	03/17/09	--	--	--	506	--	--	--	--	--	--
MW041A	04/15/08	7.3	<2.0	224	1830	--	--	692	2.9	224	<2.0
	04/01/09	--	--	--	1880	--	--	--	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000			600	10	NA	NA
MW042A	04/02/08	7.2	<2.0	249	7040	--	--	897	4.3	249	<2.0
	03/31/09	--	--	--	7200	--	--	--	--	--	--
MW046A	04/02/08	7.1	<2.0	319	2330	--	--	823	4.9	319	<2.0
	03/31/09	--	--	--	2590	--	--	--	--	--	--
MW048SA	04/01/08	7.3	<2.0	174	1640	--	--	509	3.6	174	<2.0
	08/20/08	7.4	<2.0	176	1720	--	--	495	--	--	--
	03/26/09	--	--	--	1740	--	--	--	--	--	--
	08/12/09	--	--	--	1740	--	--	--	--	--	--
MW049SA	04/08/08	7.2	<2.0	219	4320	--	--	533	2.2	219	<2.0
	03/26/09	--	--	--	2210	--	--	--	--	--	--
MW050SA	04/01/08	7.1	<2.0	300	3810	--	--	1050	3.1	300	<2.0
	03/25/09	--	--	--	4130	--	--	--	--	--	--
MW051SA	04/09/08	7.1	<2.0	241	3710	--	--	1150	4.4	241	<2.0
	04/02/09	--	--	--	4140	--	--	--	--	--	--
MW052SA	04/08/08	7.2	<2.0	230	4110	--	--	908	3.2	230	<2.0
	03/26/09	--	--	--	4210	--	--	--	--	--	--
MW053SA	03/26/08	7.4	<2.0	277	816	--	--	85.3	2.3	277	<2.0
	03/18/09	--	--	--	938	--	--	--	--	--	--
	08/20/09	--	--	--	944	--	--	--	--	--	--
MW054SA	04/08/08	7.2	<2.0	210	6010	--	--	540	3.7	210	<2.0
	08/20/08	7.5	<2.0	204	2170	--	--	497	--	--	--
	03/26/09	--	--	--	2360	--	--	--	--	--	--
	08/10/09	--	--	--	2350	--	--	--	--	--	--
MW055SA	04/09/08	7.3	<2.0	185	1610	--	--	433	2.1	185	<2.0
	08/19/08	7.3	<2.0	186	1810	--	--	438	--	--	--
	03/26/09	--	--	--	1810	--	--	--	--	--	--
	08/12/09	--	--	--	1830	--	--	--	--	--	--
MW056SA	04/09/08	7.3	<2.0	244	3590	--	--	1090	4.3	244	<2.0
	08/19/08	7.2	<2.0	256	3880	--	--	804	--	--	--
	03/25/09	--	--	--	3930	--	--	--	--	--	--
	08/12/09	--	--	--	4020	--	--	--	--	--	--
MW057SA	03/27/08	7.2	<2.0	295	1990	--	--	520	18.9	295	<2.0
	08/06/08	7.3	<2.0	302	1720	--	--	490	--	--	--
	03/17/09	--	--	--	1620	--	--	--	--	--	--
MW062A	04/09/08	7.7	<2.0	190	487	--	--	93.4	1.7	190	<2.0
	08/18/08	7.7	<2.0	191	516	--	--	99.6	--	--	--
	04/02/09	--	--	--	495	--	--	--	--	--	--
	08/03/09	--	--	--	504	--	--	--	--	--	--
MW063A	04/09/08	7.7	<2.0	197	466	--	--	89.8	1.6	197	<2.0
	08/18/08	7.6	<2.0	197	503	--	--	94.2	--	--	--
	04/02/09	--	--	--	488	--	--	--	--	--	--
	08/04/09	--	--	--	502	--	--	--	--	--	--

TABLE 4
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NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--		600	10	NA	NA
MW064SA	03/25/08	7	<2.0	340	3600	--	--	719	6.7	340	<2.0
	08/05/08	7.1	<2.0	354	3890	--	--	846	--	--	--
	03/17/09	--	--	--	3200	--	--	--	--	--	--
	08/17/09	--	--	--	3320	--	--	--	--	--	--
MW065SA	04/08/08	7.2	<2.0	187	2630	--	--	510	2	187	<2.0
	08/19/08	7.2	<2.0	186	3190	--	--	495	--	--	--
	03/25/09	--	--	--	2810	--	--	--	--	--	--
	08/06/09	--	--	--	2920	--	--	--	--	--	--
MW066SA	08/19/08	7	<2.0	384	3000	--	--	684	--	--	--
	03/26/09	--	--	--	2980	--	--	--	--	--	--
	08/06/09	--	--	--	3060	--	--	--	--	--	--
MW067SA	03/27/08	7.6	<2.0	321	1120	--	--	291	6	321	<2.0
	08/11/08	7.3	<2.0	327	1170	--	--	284	--	--	--
	03/19/09	--	--	--	1120	--	--	--	--	--	--
	08/20/09	--	--	--	1050	--	--	--	--	--	--
MW070A	03/25/08	7.8	<2.0	218	515	--	--	122	2.1	218	<2.0
	08/05/08	7.7	<2.0	222	542	--	--	287	--	--	--
	03/16/09	--	--	--	510	--	--	--	--	--	--
	08/20/09	--	--	--	545	--	--	--	--	--	--
MW071SA	03/28/08	7.3	<2.0	217	2600	--	--	420	0.75	217	<2.0
	08/12/08	6.9	<2.0	286	2900	--	--	591	--	--	--
	03/24/09	--	--	--	2440	--	--	--	--	--	--
	08/10/09	--	--	--	2810	--	--	--	--	--	--
MW072SA	03/27/08	7.2	<2.0	282	1420	--	--	388	5	282	<2.0
	08/12/08	7.2	<2.0	313	1400	--	--	337	--	--	--
	03/17/09	--	--	--	1370	--	--	--	--	--	--
MW073SA	03/27/08	7.3	<2.0	325	1230	--	--	279	5	325	<2.0
	08/12/08	7.1	<2.0	318	1260	--	--	282	--	--	--
	03/17/09	--	--	--	1190	--	--	--	--	--	--
MW074SA	03/20/08	7.2	<2.0	281	2560	--	--	823	11	281	<2.0
	08/06/08	7.2	<2.0	282	2190	--	--	771	--	--	--
	03/16/09	--	--	--	2060	--	--	--	--	--	--
	08/24/09	--	--	--	2020	--	--	--	--	--	--
MW075SA	08/06/08	7.3	<2.0	251	2330	--	--	778	--	--	--
	03/16/09	--	--	--	2400	--	--	--	--	--	--
	08/24/09	--	--	--	2400	--	--	--	--	--	--
MW076SA	03/20/08	7.7	<2.0	266	2280	--	--	740	12.1	266	<2.0
	08/06/08	7.2	<2.0	261	2120	--	--	876	--	--	--
	03/16/09	--	--	--	2140	--	--	--	--	--	--
MW077SA	04/08/08	7.1	<2.0	253	3940	--	--	676	13.7	253	<2.0
	08/19/08	7.1	<2.0	255	5010	--	--	675	--	--	--
	03/25/09	--	--	--	3100	--	--	--	--	--	--
	08/18/09	--	--	--	2690	--	--	--	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--		600	10	NA	NA
MW078SA	03/26/08	7.3	<2.0	275	823	--	--	165	5.4	275	<2.0
	08/11/08	7.3	<2.0	274	855	--	--	158	--	--	--
	03/18/09	--	--	--	845	--	--	--	--	--	--
	08/20/09	--	--	--	790	--	--	--	--	--	--
MW079SA	04/02/08	7.1	<2.0	438	1420	--	--	231	<0.5	438	<2.0
	08/06/08	7	<2.0	384	1320	--	--	272	--	--	--
	03/24/09	--	--	--	1290	--	--	--	--	--	--
	08/18/09	--	--	--	1240	--	--	--	--	--	--
MW080SA	04/02/08	7.1	<2.0	455	1370	--	--	222	<0.5	455	<2.0
	08/06/08	7	<2.0	357	1220	--	--	322	--	--	--
	03/23/09	--	--	--	1250	--	--	--	--	--	--
	08/18/09	--	--	--	1160	--	--	--	--	--	--
MW081SA	04/02/08	7.3	<2.0	337	1640	--	--	342	<0.5	337	<2.0
	08/06/08	7.1	<2.0	367	1520	--	--	320	--	--	--
	03/23/09	--	--	--	1940	--	--	--	--	--	--
	08/18/09	--	--	--	1640	--	--	--	--	--	--
MW082SA	03/26/08	6.8	<2.0	457	3240	--	--	704	<0.5	457	<2.0
	08/06/08	6.9	<2.0	524	3210	--	--	790	--	--	--
	03/18/09	--	--	--	3480	--	--	--	--	--	--
	08/17/09	--	--	--	4070	--	--	--	--	--	--
MW083SA	03/25/08	6.7	<2.0	807	3520	--	--	590	<0.5	807	<2.0
	08/06/08	7	<2.0	353	3780	--	--	865	--	--	--
	03/18/09	--	--	--	4020	--	--	--	--	--	--
	08/17/09	--	--	--	4170	--	--	--	--	--	--
MW084SA	03/25/08	7	<2.0	258	4860	--	--	782	8.7	258	<2.0
	08/05/08	6.9	<2.0	261	5720	--	--	820	--	--	--
	03/17/09	--	--	--	5310	--	--	--	--	--	--
	08/13/09	--	--	--	4760	--	--	--	--	--	--
MW085SA	03/25/08	7	<2.0	342	4150	--	--	785	2.6	342	<2.0
	08/05/08	6.9	<2.0	357	4160	--	--	894	--	--	--
	03/18/09	--	--	--	3450	--	--	--	--	--	--
	08/17/09	--	--	--	4140	--	--	--	--	--	--
MW086SA	04/08/08	7.1	<2.0	208	2640	--	--	419	1.6	208	<2.0
	08/19/08	7.1	<2.0	224	2900	--	--	464	--	--	--
	03/25/09	--	--	--	3650	--	--	--	--	--	--
	08/10/09	--	--	--	4120	--	--	--	--	--	--
MW087A	04/15/08	7	<2.0	2150	4520	--	--	9.7	<0.5	2150	--
	03/30/09	--	--	--	4380	--	--	--	--	--	--
MW089SA	04/09/08	7.2	<2.0	206	3850	--	--	1460	7.6	206	<2.0
	03/26/09	--	--	--	3790	--	--	--	--	--	--
MW090SA	04/14/08	7.3	<2.0	243	3100	--	--	1170	9.2	243	<2.0
	03/17/09	7.1	<2.0	234	3230	--	--	--	--	--	--
	08/11/09	7.1	<2.0	231	3290	5.5	<0.16	1170	--	--	--
MW091SA	04/07/08	7	<2.0	236	2970	--	--	1050	4.1	236	<2.0
	03/24/09	--	--	--	3540	--	--	--	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--	--	600	10	NA	NA
MW092SA	04/08/08	7.2	<2.0	257	2860	--	--	1020	5.1	257	<2.0
	03/24/09	--	--	--	3480	--	--	--	--	--	--
MW093SA	04/08/08	7.1	<2.0	273	3000	--	--	1040	5.3	273	<2.0
	03/24/09	--	--	--	3750	--	--	--	--	--	--
RW004A	04/16/08	4.9	<2.0	3110	13900	--	--	154	<2.0	3110	<2.0
	03/31/09	--	--	--	14900	--	--	--	--	--	--
IW003	04/03/08	7.1	<2.0	1870	4440	--	--	<5.0	<0.5	1870	<2.0
	3/23/2009*	--	--	--	4400	--	--	--	--	--	--
IW004	04/03/08	6.8	<2.0	713	3960	--	--	541	<0.5	713	<2.0
	03/23/09	--	--	--	4490	--	--	--	--	--	--
IW005	04/01/08	7	<2.0	2480	4890	--	--	<5.0	<0.5	2480	<2.0
	3/23/2009*	--	--	--	4790	--	--	--	--	--	--
IW006	04/01/08	6.9	<2.0	1760	3660	--	--	119	<0.5	1760	<2.0
	03/19/09	--	--	--	3400	--	--	--	--	--	--
IW007	04/01/08	5.8	<2.0	7270	26300	--	--	149	<2.0	7270	<2.0
	3/19/2009*	--	--	--	5550	--	--	--	--	--	--
IW008	04/01/08	7.1	<2.0	2130	3480	--	--	<5.0	<0.5	2130	<2.0
	3/19/2009*	--	--	--	3030	--	--	--	--	--	--
IW009	03/31/08	5.6	<2.0	5430	20000	--	--	149	<0.5	5430	<2.0
	3/19/2009*	--	--	--	--	--	--	--	--	--	--
IW010	03/31/08	7.2	<2.0	682	2860	--	--	523	<0.5	682	<2.0
	3/19/2009*	--	--	--	3290	--	--	--	--	--	--
IW011	03/31/08	7.1	<2.0	2520	5340	--	--	<5.0	<0.5	2520	<2.0
	3/18/2009*	--	--	--	4320	--	--	--	--	--	--
IW013	03/26/08	6.6	<2.0	531	2810	--	--	426	<0.5	531	<2.0
	03/18/09	--	--	--	2960	--	--	--	--	--	--
IW014	03/26/08	7.2	<2.0	3600	6360	--	--	<5.0	<0.5	3600	<2.0
	3/18/2009*	--	--	--	5750	--	--	--	--	--	--
IW015	04/03/08	7.1	<2.0	1820	4410	--	--	<5.0	<0.5	1820	<2.0
	03/23/09	--	--	--	4040	--	--	--	--	--	--
IW016	04/02/08	7	<2.0	2370	4150	--	--	<5.0	<0.5	2370	<2.0
	3/24/2009*	--	--	--	3240	--	--	--	--	--	--
IW018	04/09/08	7.1	<2.0	603	3260	--	--	537	2.5	603	<2.0
	3/24/2009*	--	--	--	3080	--	--	--	--	--	--
IW019	04/08/08	7	<2.0	340	4470	--	--	1400	6.5	340	<2.0
	03/25/09	--	--	--	4680	--	--	--	--	--	--
IW020	04/08/08	7.1	<2.0	260	4170	--	--	1460	8.2	260	<2.0
	03/25/09	--	--	--	4980	--	--	--	--	--	--
IW021	04/08/08	7.3	<2.0	285	3370	--	--	1100	5.4	285	<2.0
	03/25/09	--	--	--	3880	--	--	--	--	--	--
IW022	04/07/08	7	<2.0	235	2700	--	--	977	4.2	235	<2.0
	03/25/09	--	--	--	2750	--	--	--	--	--	--
IW023	04/07/08	7.1	<2.0	250	2350	--	--	847	4.5	250	<2.0
	03/16/09	7	<2.0	246	2560	3.9	<0.16	--	--	--	--
	08/11/09	7.1	<2.0	240	2700	4.4	<0.16	774	--	--	--

TABLE 4
SUMMARY OF 2009 GROUNDWATER PARAMETER RESULTS
NORTH EUNICE GAS PLANT
LEA COUNTY, NEW MEXICO

Location ID	Sample Date	pH	Alkalinity to pH 8.3	Alkalinity to pH 4.5	Total Dissolved Solids	Total Organic Carbon	Sulfide	Sulfate	Nitrate Nitrogen	Bicarbonate Alkalinity	Carbonate Alkalinity
	Units	NA	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	NM WQCC Standard	6-9	NA	NA	1000	--	--	600	10	NA	NA
IW024	04/15/08	7.2	<2.0	262	**3440**	--	--	**1370**	5.5	262	<2.0
	03/16/09	7	<2.0	212	**4080**	--	<0.16	--	--	--	--
	08/11/09	7.2	<2.0	210	**4840**	6.3	<0.16	**1670**	--	--	--
IW025	04/14/08	7.2	<2.0	233	**3220**	--	--	**1160**	5.3	233	<2.0
	03/16/09	6.6	<2.0	998	**3290**	238	49.8	--	--	--	--
	08/13/09	6.6	<2.0	799	**3220**	60.8	254	**866**	--	--	--
IW026	04/14/08	7.3	<2.0	257	**1630**	--	--	264	2.6	257	<2.0
	03/16/09	7.3	<2.0	234	**1790**	2.7	<0.16	--	--	--	--
	08/13/09	7.2	<2.0	256	**1640**	--	--	390	--	--	--
IW027	04/14/08	7.2	<2.0	239	**3090**	--	--	**1140**	**11.2**	239	<2.0
	03/25/09	--	--	--	**2880**	--	--	--	--	--	--
IW028	04/15/08	7.3	<2.0	250	**2670**	--	--	**1010**	9.2	250	<2.0
	04/07/09	--	--	--	**2640**	--	--	--	--	--	--
WATER WELLS											
GOPWW2	03/24/08	7.4	<2.0	32.6	**3680**	--	--	118	<0.5	32.6	<2.0
	08/05/08	8.1	<2.0	23.8	**2910**	--	--	13.8	--	--	--
	03/17/09	--	--	--	**2260**	--	--	--	--	--	--
	08/18/09	--	--	--	**3060**	--	--	--	--	--	--
LORDWW	03/26/08	7	<2.0	141	**3600**	--	--	**1240**	6.6	141	<2.0
	08/13/08	7.2	<2.0	29.7	**3400**	--	--	**968**	--	--	--
	03/19/09	--	--	--	**4270**	--	--	--	--	--	--
ROLANDWW	04/06/09	Well is Inaccessible									
WOODELLWW	04/15/08	7.4	<2.0	193	**1060**	--	--	274	1.9	193	<2.0
	08/21/08	7.1	<2.0	243	**1820**	--	--	477	--	--	--
	03/24/09	--	--	--	**1780**	--	--	--	--	--	--
	08/24/09	--	--	--	**1480**	--	--	--	--	--	--
EPWW1	04/06/09	--	--	--	914	--	--	--	--	--	--

Notes:

Bold = Detections exceeding the New Mexico Water Quality Control Commission (NM WQCC) Human Health or Domestic Water Supply Standards (if standards are available).
Sample Date followed by asterisk = Due to excessive foaming of the sample, normal reporting limits were not attained. Preservation requirements were not met.
mg/L = milligrams per liter
NA = Not Applicable
< = less than - the number following the sign is the limit of quantitation, the smalest amount of analyte which can be reliably determined using the specific analytical test.
-- = Not Analyzed

APPENDIX A
CUMULATIVE GROUNDWATER FIELD PARAMETERS

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 014215

Facility #: [illegible] / 9270135 201250
Site Address: Farmington, NM.
Chevron PM: [illegible] Lead Consultant: Bo [illegible]
Consultant/Office: [illegible]
Consultant Prj. Mgr.: [illegible]
Consultant Phone #: 437-885-0677 Fax #: _____
Sampler: JM / [illegible]
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES

Preservative Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☒ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	[illegible]	[illegible]		
									3		2		2	1			1	1		
									3		2		2	1			1	1		
									3		2		2	1			1	1		
									3		2		2	1			1	1		
Trip Blank	—	—	—					4	4											

Comments / Remarks: [illegible]

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/16/09	1000			
[signature]	3-16-09	1554			

Relinquished by Commercial Carrier: UPS FedEx Other _____
Temperature Upon Receipt _____ C°
Received by: _____ Date _____ Time _____
Custody Seals Intact? Yes No

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 196611

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

(1)
Client: Chevron Acct. #: _____
Project Name/#: N Zone / 7117.0135 PWSID #: _____
Project Manager: Chad Deur P.O.#: _____
Sampler: JM, JSL Quote #: _____
Name of state where samples were collected: NM

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	BTEX / TPH GRO (H)	TPH DRO (4)	PAH, PCB, Chlorinated Pesticides, Herbicides, TDS (—)	Metals, Cr, Pb, K, Na, Ca (N)	SVOC (B)	TOC (O)	Chloride, TDS (—)				Remarks
MW09SA	3-17-09	0930	X			X		10	3	2	2	1	1	1					* Dove Dis Metals
BOPDW2	3-17-09	1407	X			X		7	3	2		1			1				on field filtered w/
MW04SA	3-17-09	1330	X			X		7	3	2		1			1				0.45 micron *
MW04SA	3-17-09	1429	X			X		7	3	2		1			1				
Trip Blank	—	—	—			X		4											

JSC

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/18/09	1715			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 196609

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

(1)

Client: [illegible] Acct. #: _____

Project Name/#: [illegible] PWSID #: _____

Project Manager: [illegible] P.O.#: _____

Sampler: [illegible] Quote #: _____

Name of state where samples were collected: NM

For Lab Use Only
FSC: _____
SCR#: _____

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES Check if Applicable)	Other	Total # of Containers	[illegible]	[illegible]	[illegible]	[illegible]					Remarks
									Preservation Codes								
									H	H	I	N					
MW08 SSA	3-18-09	0950	X			X		7	3	2	1	1					X Dissolved [illegible]
MW08 SSA	3-18-09	1027	X			X		7	3	2	1	1					field filtered w/ 0.45
MW08 SSA	3-18-09	1133	X			X		7	3	2	1	1					micron filter #
TW04	3-18-09	1316	X			X		7	3	2	1	1					
TW03	3-18-09	1408	X			X		7	3	2	1	1					
TW01	3-18-09	1545	X			X		7	3	2	1	1					
Trip Blank	—	—	—			X		8	8								
DUP-080	3-18-09	—	X			X		7	3	2	1	1					

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-18-09	5:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 196603

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

(1)
Client: Stantec Acct. #:
Project Name/#: Wi Tunnel / 121220113S. 201750 PWSID #:
Project Manager: Chad Powell P.O.#:
Sampler: JSC / JM Quote #:
Name of state where samples were collected: NM

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	BTEX / 8260	TPH DRO	Cl, Hg, Cu, TDS, Fe, Mn, Na, K, Ca, Mg								Remarks	Temperature of samples upon receipt (if requested)
									H	H	—	N								
TW006	3-19-09	1135	X			X		7	3	2	1	1							Filter Dissolved Metals in lab	
TW007	3-19-09	1345	X			X		7	3	2	1	1							Filter Dissolved Metals in lab	
TW008	3-19-09	1120	X			X		7	3	2	1	1							Filter Dissolved Metals in lab	
TW009	3-19-09	1025	X			X		4	3		1								Field Filtered Dissolved Metals	
TW010	3-19-09	0938	X			X		7	3	2	1	1							Field Filtered Dissolved Metals	
Trip Blank	—	—	—			X		4	4											
				JSC																

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-19-09	1776			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 196605

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

(1)
Client: Chevron Acct. #:
Project Name/#: 217701135.701.250 PWSID #:
Project Manager: Chad Vinson P.O.#:
Sampler: JM / JSC Quote #:
Name of state where samples were collected: NM

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	SOIL BTEX / TPH GRO (H)	TPH DRO (H)	Co, Fe, Mg, K, Na, Pb, Mn (N)	Cr, Hex Cr, TDS (—)						Remarks	Temperature of samples upon receipt (if requested)
TW005		1005	X			X		7	3	2	1	1						* Dissolved Metals were field filtered w/ 0.45 micron filter	
TW004		1115	X			X		7	3	2	1	1							
TW003		1305	X			X		7	3	2	1	1							
TW015		1351	X			X		7	3	2	1	1							
MW081SA		1504	X			X		7	3	2	1	1							
MW080SA		1550	X			X		7	3	2	1	1							
Trip Blanks	3-23-05	—	X			X		2	2										
DUP-001	3-23-05	—	X			X		7	3	2	1	1							

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-23-05	1767			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 196604

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

(1) Client: Chevron Acct. #: _____

Project Name/#: N. Fork / 212201135 PWSID #: _____

Project Manager: Chad Powell P.O.#: _____

Sampler: JM / SL Quote #: _____

Name of state where samples were collected: NM

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4): Soil	Water (Potable / NPDES)	Other	Total # of Containers	(5) Analyses Requested / Preservation Codes: SO21 Rpt / TPH GRO	TPH DRO	Cl, F, Br, NO3, NO2, PO4, SO4	pH, Alk, Cond, TDS						Remarks	(6) Temperature of samples upon receipt (if requested)
									H	H	N	T							
IW01S	3-24-09	1524	X			X		7	3	2	1	1						X Note, Deviations on	
MW093SA	3-24-09	1419	X			X		7	3	2	1	1						field filmed during	
MW092SA	3-24-09	1333	X			X		7	3	2	1	1						0.45 micron filter #	
MW091SA	3-24-09	1133	X			X		7	3	2	1	1							
IW016	3-24-09	1025	X			X		7	3	2	1	1							
MW079SA	3-24-09	0937	X			X		7	3	2	1	1							
Trip Blank	—	—	—			X		6	6										
							JSC												

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-27-09	1719			

(9)

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 201938

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

(1) Client: Chevron Acct. #: _____

Project Name/#: 2122 0435 201250 PWSID #: _____

Project Manager: Chad Dowell P.O.#: _____

Sampler: JM / JSC Quote #: _____

Name of state where samples were collected: NM

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Matrix (4): Soil | Potable (Check if Applicable) | NPDES (Check if Applicable) | Water | Other | Total # of Containers | (5) Analyses Requested — Preservation Codes: BTEX (8021 / 8260) H | TDH (8015) H | Cl, F, NO3, SO4 — | Cr, Cu, Fe, Mn, Ni, Pb, Zn N | | | | | | Remarks | (6) Temperature of samples upon receipt (if requested)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Potable	NPDES	Water	Other	Total # of Containers	BTEX (8021 / 8260) H	TDH (8015) H	Cl, F, NO3, SO4 —	Cr, Cu, Fe, Mn, Ni, Pb, Zn N						Remarks
MW04	3-25-09	0951	X					X		7	3	2	1	1						X Dissolved
TW019	3-25-09	1033	X					X		7	3	2	1	1						[illegible]
TW020	3-25-09	1131	X					X		7	3	2	1	1						0.45 micron filter #
TW021	3-25-09	1321	X					X		7	3	2	1	1						
TW022	3-25-09	1426	X					X		7	3	2	1	1						
TW027	3-25-09	1514	X					X		7	3	2	1	1						
Trip Blank	—	—	—					X		2	2									
										JSC.										
DUP 202	3-25-09	—	X					X		7	3	2	1	1						

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-25-09	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 201039

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

(1)
Client: Chevron
Project Name/#: 212201135 N. Eunice 201.750
Project Manager: Chad Powell
Sampler: JM / JSL
Name of state where samples were collected: NM

Acct. #:
PWSID #:
P.O.#:
Quote #:

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Matrix (4): Soil | Potable / NPDES (Check if Applicable) Water | Other | Total # of Containers | (5) Analyses Requested — Preservation Codes: H | H | — | N | | | | | | Remarks | (6) Temperature of samples upon receipt (if requested)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX 8021 / 8260	TPH DRO	Cl, Hg, Cr, Zn, Ni, Mg, Mn, As, Cu, Mo								Remarks
MW009	3-26-09	0937	X			X		7	3	2	1	1							* Note: Dissolved metals are
MW009A	3-26-09	1037	X			X		7	3	2	1	1							field filtered w/ 0.45
MW008SA	3-26-09	1118	X			X		7	3	2	1	1							micron filter *
MW008A	3-26-09	1414	X			X		7	3	2	1	1							
Trip Blank	—	—	—			X		2	2										
									JSC										

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/26/09	1638			

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 171891

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

(1)
Client: Chevron Acct. #:
Project Name/#: N. Fork / 1212001135.201.260 PWSID #:
Project Manager: Chad Vowell P.O.#:
Sampler: JSC / DM Quote #:
Name of state where samples were collected: NM

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Potable (Check if Applicable)	Water	NPDES (Check if Applicable)	Other	Total # of Containers	GRO / TPH 8015 (H)	TPH DRO (H)	Cl, Hexc, TDS (H)	Ca, Fe, Mg, K, Na, As, Cr, Mn (N)						Remarks
MW002	3-30-09	1055	X				X			7	3	2	1	1						* Note All Dissolved
MW087A	3-30-09	1235	X				X			7	3	2	1	1						are field filtered *
Trip Blank	—	—	—				X			2	2									w/ 0.45 micron filter *
									15											

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triple volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-30-09	1635			

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 201040

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

(1)
Client: [illegible] Acct. #: _____
Project Name/#: [illegible] PWSID #: _____
Project Manager: [illegible] P.O.#: _____
Sampler: JM . JBC Quote #: _____
Name of state where samples were collected: NM

For Lab Use Only
FSC: _____
SCR#: _____

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Potable (Check if Applicable) / NPDES (Check if Applicable)	Water	Other	Total # of Containers	BTEX + 1,2 DCA (8260)	TPH-DRO	Cl, Nitrate, SO4, Br, Fl, Na, K, Ca, Mg, Mn, Fe								Remarks	Temperature of samples upon receipt (if requested)
										H	H	—	N								
MW008M	3-31-09	932	X				X		7	3	2	1	1							*Do not Decant	
MW009A	3-31-09	[illegible]	X				X		7	3	2	1	1							field filter @ 0.45	
MW011M	3-31-09	1121	X				X		7	3	2	1	1							micron filter. *	
MW011	3-31-09	1252	X				X		7	3	2	1	1								
MW011A	3-31-09	1337	X				X		7	3	2	1	1								
MW002	3-31-09	1446	X				X		7	3	2	1	1								
IW001	3-31-09	1530	X				X		7	3	2	1	1								
Trip Blank	—	—	—				X		6	6											
		JBC																			
DUP 203	3-31-09	—	X				X		7	3	2	1	1								

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No_____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-31-09	1792			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 171890

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

(1)

Client: Chevron Acct. #: _____

Project Name/#: N. Fork / 21220 01135 PWSID #: _____

Project Manager: Chad Dowell P.O.#: _____

Sampler: BL / JM Quote #: _____

Name of state where samples were collected: NM

For Lab Use Only
FSC: _____
SCR#: _____

(2) (3) (4) (5) Analyses Requested

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES Applicable)	Matrix: Other	Total # of Containers	BTEX / TDS GRO	TDS DRO	Cl, Hardness, TDS	Ca, Fe, Mg, K, Na, As, Cr, Mn							Remarks
									Preservation Codes										
									H	H	I	N							
MW01M	4-1-09	1016	X			X		7	3	2	1	1							* Dissolved Metals
MW01	4-1-09	1101	X			X		7	3	2	1	1							when filtered using a
MW01A	4-1-09	1201	X			X		7	3	2	1	1							0.45 micron filter *
MW08M	4-1-09	1351	X			X		7	3	2	1	1							
MW03	4-1-09	1450	X			X		7	3	2	1	1							
Trip Blank	—	—	—			X		2	2										

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Temperature of samples upon receipt (if requested)

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triple volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	4-1-09	1652			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR# 65673 012992

Facility #: N. Eunice
Site Address: Eunice, NM
Chevron PM: Matt Hudson Lead Consultant: C. Powell
Consultant/Office: Stanley / Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713-537-7973 Fax #: 713-583-8326
Sampler: JJC, JM
Service Order #: _____ ☐ Non SAR: _____

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates ___	TPH G ___ (H)	TPH D ___ ☐ Extended Rng. ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH H HCID ☐ quantification	Co, Fe, Mg, K, Na, Cr, As, Mn (Total) (N)	Cl, Hex Cr, TDS (–)		
IW002	4-6-09	1520	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blank	—	—				✓		2	2											
									–SC											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Note Dissolved metals were field filtered using 0.45 micron filter *

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9-26-09	0806			
[signature]	9-6-09	1704			
Relinquished by Commercial Carrier: UPS FedEx Other _____					
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

012994

Facility #: N. Eunice / 2177 01135.201.250
Site Address: Eunice, NM.
Chevron PM: J. Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec / Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713-937-7973 Fax #: 713-583-8378
Sampler: JSC, JM
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES; Soil; Water; Oil ☐ Air ☐

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates ___	TPH G ___ (H)	TPH D ___ (H) ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH H HCID ☐ quantification	Cr, Fe, Mg, K, Na, Ca, As, Mn (N)	Al (300.0), Hexcr, TDS (—)		
MW006	4-7-09	1445	X			X		7	3			2	/				/	/		
MW005	4-7-09	1355	X			X		7	3			2	/				/	/		
MW037	4-7-09	1136	X			X		7	3			2	/				/	/		
TW028	4-7-09	1022	X			X		7	3			2	/				/	/		
Trip Blank	—	—	—			X		2	2											
DUP-204	4-7-09	—	X			X		7	3			2	/				/	/		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Note All Diss. Metals Field filtered using 0.45 micron filter *

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	4-7-09	1644			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		

Temperature Upon Receipt _____ C°
Custody Seals Intact? Yes No

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 009471 46694

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vawell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: D Woodward
Consultant Phone #: 713.937.7973 Fax #: 713.983.8328
Sampler: SB, JI
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES ☑

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE—8021 ☑ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates ___	TPH G ___ (H)	TPH D ___ ☐ Extended Rng. ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH H HCID ☐ quantification	Ca, Fe, Mg, K, Na, Cr, As, Mn (N) *	Hex Cr, Cl (300.0), TDS (N)		
MW 046	4-7-09	1042	✓			✓		7	✓			✓	✓				✓	✓		
MW 036	4-7-09	1207	✓			✓		7	✓			✓	✓				✓	✓		
MW 038	4-7-09	1400	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks	4-7-09					✓		2	✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* - field filtered for Dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-10-07	0850			
[signature]	4/7/09	1645			

Relinquished by Commercial Carrier: UPS FedEx Other _____
Temperature Upon Receipt _____ C°
Custody Seals Intact? Yes No

GROUNDWATER FIELD LOG

EUNICE NORTH GAS PLANT

FIRST HALF 2009

ORDER	BLADDER PUMP WELL ID #	DATE	TIME	DEPTH TO WATER (ft.)	TOTAL WELL DEPTH (ft.)	PSH THICKNESS (ft.)
1	GOPWW2	3/10/2009	11:31	46.59	80.00	
2	IW001	3/10/2009	15:57	48.98	89.22	
3	IW002	3/10/2009	16:26	46.99	84.90	
4	IW003	3/10/2009	14:12	44.96	60.58	
5	IW004	3/10/2009	14:08	44.44	55.00	
6	IW005	3/10/2009	13:57	43.68	51.05	
7	IW006	3/10/2009	13:53	42.78	55.00	
8	IW007	3/10/2009	13:49	44.21	51.05	
9	IW008	3/10/2009	13:45	48.17	54.51	
10	IW009	3/10/2009	13:39	47.12	49.98	
11	IW010	3/10/2009	13:32	53.55	63.38	
12	IW011	3/10/2009	13:26	55.51	68.40	
13	IW013	3/10/2009	13:17	54.12	65.00	
14	IW014	3/10/2009	12:51	52.57	78.31	
15	IW015	3/10/2009	14:15	44.58	53.42	
16	IW016	3/10/2009	14:23	46.70	73.68	
17	IW018	3/10/2009	14:31	46.05	53.42	
18	IW019	3/10/2009	14:39	45.23	73.68	
19	IW020	3/10/2009	14:40	44.84	103.35	
20	IW021	3/10/2009	14:49	44.42	102.91	
21	IW022	3/10/2009	14:51	44.33	105.27	
22	IW023	3/10/2009	14:53	47.14	104.55	
23	IW024	3/10/2009	14:58	47.25	102.74	
24	IW025	3/10/2009	15:00	47.20	103.70	
25	IW026	3/10/2009	15:08	48.58	103.30	
26	IW027	3/11/2009	10:15	48.66	101.79	
27	IW028	3/11/2009	15:14	48.51	108.09	
28	MW001	3/11/2009	Unable to Access- Demo		68.46	
29	MW005	3/11/2009	10:39	45.49	67.75	
30	MW006	3/11/2009	10:38	45.90	68.38	
31	MW008	3/11/2009	15:36	49.24	66.77	
32	MW008A	3/11/2009	15:30	49.18	115.38	
33	MW008M	3/11/2009	15:41	49.44	86.30	
34	MW009	3/11/2009	15:16	47.91	69.00	
35	MW009A	3/11/2009	15:18	47.73	102.85	
36	MW011	3/11/2009	15:51	50.53	67.95	
37	MW011A	3/11/2009	15:53	50.94	117.43	
38	MW011M	3/11/2009	15:50	50.21	91.92	
39	MW012	3/11/2009	16:16	48.26	66.39	
40	MW012A	3/11/2009	16:18	48.65	115.48	
41	MW012M	3/11/2009	16:12	48.90	91.51	

ORDER	BLADDER PUMP WELL ID #	DATE	TIME	DEPTH TO WATER (ft.)	TOTAL WELL DEPTH (ft.)	PSH THICKNESS (ft.)
42	MW027	3/11/2009	No Access-Property Owner Issu		71.42	
43	MW036	3/11/2009	10:27	46.18	61.83	
44	MW037	3/11/2009	10:34	45.74	61.55	
45	MW038	3/11/2009	10:28	45.73	61.70	
46	MW044	3/11/2009	14:32	41.89	62.71	
47	MW046	3/11/2009	10:22	47.33	66.73	
48	MW064SA	3/11/2009	11:11	51.16	80.64	
49	MW079SA	3/11/2009	14:20	46.03	72.76	
50	MW080SA	3/11/2009	14:18	45.70	74.91	
51	MW081SA	3/11/2009	14:22	46.14	75.95	
52	MW082SA	3/11/2009	12:49	52.09	80.34	
53	MW083SA	3/11/2009	12:48	52.00	81.20	
54	MW084SA	3/11/2009	11:37	51.50	81.25	
55	MW085SA	3/11/2009	12:46	51.90	81.55	
56	MW087A	3/11/2009	15:37	49.84	113.18	
57	MW088M	3/11/2009	15:22	49.30	92.93	
58	MW089SA	3/11/2009	15:19	48.30	101.32	
59	MW090SA	3/11/2009	15:10	48.79	103.15	
60	MW091SA	3/11/2009	14:46	43.84	102.41	
61	MW092SA	3/11/2009	14:44	43.89	102.25	
62	MW093SA	3/11/2009	14:41	44.12	103.10	
63	RW002	3/11/2009	15:56	50.70	71.78	
64	RW003	3/11/2009	16:20	48.58	66.88	
65	RW004A	3/11/2009	15:43	47.49	115.51	

Historically Dry Wells

1	IW012	3/11/2009	13:22	54.26	59.00	

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-16-09 WELL NO. IW023

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 59 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: YSI QED* Serial No.: ~~076100~~ QD01417

Spec. Conductivity: Standard: 1.413 Reading: 1.413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 12.11 mmHg: 9.76 DO Conc.: NA

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.14 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 104.55 FT.

D. Height of Water Column in casing (h = TD - SWL): 57.41 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1010

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1014	6.52	128	6.47	16.05	3.60	NR	
	1019	4.95	112	6.83	17.50	3.60	47.21	
	1024	4.75	110	6.85	17.75	3.60	47.19	
	1029	4.75	108	6.86	17.86	3.61	47.19	
	1034	4.71	106	6.87	17.89	3.61	NR	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX TPH	1034		
Diss Metals	1034		
Cl, Hex Cr, TDS TPH DRO	1034		

COMMENTS:

Purged 3/4 of a gallon of water Lgt Green / No Odor / Clear

* Multi meter was calibrated 3/11/09

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 57.41 x 0.80 = -- (Total Depth of Well) 58.62

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. IW024

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 63 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear\Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.25 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.74 FT.

D. Height of Water Column in casing (h = TD - SWL): 55.49 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** ~~1028~~ JM 1128

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1132	4.45	52	7.24	23.43	3.33	47.32
1137	2.18	52	7.16	22.06	5.25	47.32
1142	1.97	52	7.15	22.33	5.30	47.33
1147	1.89	53	7.15	23.50	5.34	47.31
1152	1.82	55	7.15	23.44	5.34	47.32
1157	1.65	57	7.16	24.43	5.34	47.31
1202	1.75	55	7.18	24.33	5.35	47.31
1207	1.79	58	7.19	24.69	5.34	47.30

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
TOC			
Sulfides			
BTEX/TPH GRO	1207		
TPH DRO			
Disinfectants			
Cl, Hardness, TDS			

COMMENTS:

Lt Green / No Odor / Clear 2"/2gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 55.49 x 0.80 = -- (Total Depth of Well) 58.34

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. IW025

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 67 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.20 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.70 FT.

D. Height of Water Column in casing (h = TD - SWL): 56.50 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1327

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
	1332	3.61	-264	6.96	25.98	3.32	* See Comments
	1337	1.02	-330	6.88	22.93	4.28	
	1342	0.78	-338	6.91	23.00	4.27	
	1347	0.59	-348	6.92	22.44	4.27	
	1352	0.60	-343	6.93	22.68	4.27	
	1357	9M ~~0.57~~	-356	6.93	22.61	4.27	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

TOC
Sulfate
BTEX Full Suite
TPHC
TPHD
Diss Mech
Cr, Hexe, TDS

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1357		
	1357		
	1357		

COMMENTS:

* Unable to collect SWL do to White Milky Paste <Hesco
White / Very Strong Odor / Milky

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 56.50 x 0.80 = -- (Total Depth of Well) 58.50

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. IW026

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 70 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: Well colapsed 48.58 ~~47.88~~ FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: New TD (49.90) 103.30 FT.

D. Height of Water Column in casing (h = TD - SWL): 1.32 ~~54.72~~ FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1432

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1434	6.66	-121	7.41	21.68	2.82	48.68	
	1439	5.36	-63	7.40	21.17	2.83	48.65	
	1444	5.26	-43	7.41	21.11	2.81	48.64	
	1449	5.24	-33	7.42	21.04	2.78	48.67	
	1454	5.26	-23	7.42	21.03	2.76	48.66	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
TOC, Sulfide, Nitrate, Chloride, Full Suite, Hg, Merc., TDS, Diss Metals	1454		

COMMENTS: No Color / Salty / No odor

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: ~~54.72~~ 1.32 x 0.80 = -- (Total Depth of Well) ~~59.52~~ 48.84

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. MW090 SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07 G100 513

Spec. Conductivity: Standard: 1413 Reading: 1410 ;**pH** Standard: 7 Reading 7.01 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 246.3 ; **DO:** T°C: 13.49 mmHg: 9.46 DO Conc.: 91.0

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.79 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.15 FT.

D. Height of Water Column in casing (h = TD - SWL): 54.36 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0904

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	905	7.09	247.0	6.61	18.25	3.457	48.88	
	910	4.77	216.3	6.90	19.02	4.366	48.87	
	915	4.27	208.4	6.94	19.09	4.467	48.87	
	920	4.19	202.7	6.97	19.25	4.486	48.86	
	925	4.14	199.3	6.97	19.40	4.488	48.84	
	930	4.05	197.0	6.95	19.53	4.495	48.86	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

TOC, Solids, BTEX, TDHGD, Cl, Nitrates, Disinfectants

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Full Suite	930		

COMMENTS:

Lgt Green / No Odor / Clear 2/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 54.36 x 0.80 = -- (Total Depth of Well) 59.66

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-17-09 WELL NO. GOPW02

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 63 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.59 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 80.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 33.41 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1023

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1025	11.48	120.2	7.61	19.08	4.691	46.53	
	1030	1.65	24.0	7.69	18.89	4.657	46.62	
	1035	1.44	-5.5	7.67	N/RDM	4.666	46.66	
	1040	1.39	-23.7	7.62	18.29	4.651	46.71	
	1045	1.32	-36.9	7.62	18.20	4.654	46.75	
	1050	1.26	-58.0	7.65	18.26	4.651	46.79	
	1055	1.22	-72.6	7.65	18.31	4.650	46.83	
	1100	1.16	-89.3	7.69	18.49	4.645	46.86	
	1105	1.12	-98.4	7.70	18.60	4.650	46.87	
	1110	1.11	-113.4	7.70	18.74	4.650	46.87	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1407		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS:

Strong Odor / Yellow Color / Silty >1.0 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 33.41 x 0.80 = -(Total Depth of Well) 53.27

Signature: [signature]

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. GOPWW2

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 63 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear/Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.59 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 80.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 33.41 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1115	1.08	-125	7.71	18.83	4.652	46.97	
	1120	1.07	-131.3	7.74	18.94	4.656	47.00	
	1125	1.31*	-149.9	7.78	19.17	4.651	47.04	
	1130	1.13	-161.1	7.79	19.23	4.655	47.07	
	1135	* 1.06	-163.9	7.78	19.44	4.652	47.10	
	1140							

Well purged dry

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1107		
TPH DRO			
Cl, SO4, TDS, Nitrate			

COMMENTS:

* YSI meter turned off / well started pumping off at 1135 7:00

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 33.41 x 0.80 = -- (Total Depth of Well) 53.27

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

MW084SA

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. ~~[illegible]~~

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 66 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 57.50 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 81.25 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.75 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1252

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1255	1.24	54	6.97	19.41	6.977	57.50	
	1300	3.94	51.09	6.71	19.85	9.27	51.49	
	1305	3.14	45.10	6.74	19.91	9.384	51.49	
	1310	2.61	43.8	6.75	19.97	9.412	51.47	
	1315	2.27	43.5	6.75	20.11	9.417	51.46	
	1320	2.10	43.5	6.76	20.09	9.407	51.47	
	1325	1.96	44.0	6.78	20.07	9.387	51.47	
	1330	1.94	44.3	6.79	20.17	9.330	51.49	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1330		
TPH DRO	1330		
Cl, Hex Cr, TDS, Diss Metals	1330		

COMMENTS:

No Color / No Odor / Clear

Purged

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.75 x 0.80 = -- (Total Depth of Well) 57.45

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-17-09 WELL NO. MW06YSA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) (QED) Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.16 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 80.64 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.48 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1347

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1349	7.80	72.0	6.79	20.12	5.212	51.12
~~1351~~ 1354	3.52	76.3	6.82	20.38	5.941	51.12
~~1353~~ 1359	2.20	75.9	6.82	20.37	5.991	51.12
~~1404~~ 1404	1.60	74.8	6.83	20.26	6.033	51.03
~~1408~~ 1408	1.47	73.3	6.88	20.31	5.906	51.12
~~1414~~ 1414	1.54	72.5	6.89	20.38	5.705	51.10
1419	1.64	71.8	6.91	20.40	5.562	51.10
1424	1.71	71.6	6.92	20.49	5.465	51.10
1429	1.89	71.4	6.93	20.51	5.395	51.10
1434						

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1429		
TPH DRO			
Cl, Hex Cr, TDS			

COMMENTS:

No Color / No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.48 x 0.80 = -- (Total Depth of Well) 57.05

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-18-09 WELL NO. MW0855A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 41 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear Calm

EQUIPMENT CALIBRATION: YSI QED Serial No.:

Spec. Conductivity: Standard: 1413 Reading: 1414 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240.1 ; **DO:** T°C: 15.47 mmHg: 9.06 DO Conc.: 90.6

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.90 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 81.55 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.65 FT.

PURGING METHOD: Grundfos Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0900

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
900	7.30	-19.9	6.68	16.78	5.375	51.90
905	2.23	-135.2	6.75	16.82	~~-134.7~~ *	51.87
910	1.32	-134.2	6.75	16.83	~~-134.9~~	51.87
915	1.19	-172.2	6.80	16.97 6.502	~~-174.9~~ *	51.85
920	1.14	-248.0	6.87	17.25	6.393	51.85
925	1.00	-272.6	6.93	17.34	6.222	51.86
930	0.86	-295.0	6.94	17.44	6.063	51.87
935	0.79	-319.3	6.96	17.50	5.900	51.87
940	0.74	-327.1	6.96	17.55	5.762	51.87
945	0.71	-332.3	6.97	17.61	5.693	51.88

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	950		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS:

light grey color / very strong odor / not silty 7½ gal

Record ORP on Conductivity was not recorded for 3 readings

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.65 x 0.80 = -- (Total Depth of Well) 57.83

Signature:

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW085SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 41 °F

FIELD PERSONNEL: JL/JM WEATHER: Calm Clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.90 FT.
B. Thickness of Free Product, if present: _____ Inches _____ FT.
C. Total Depth of well (TD) from top of casing/piezometer: 81.55 FT.
D. Height of Water Column in casing (h = TD - SWL): 29.65 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	950	0.69	-335.1	6.98	1770	5.640	51.87	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	950		
TPH DRO	950		
Cl, Flux C-, TDS, Cations/Metals	950		

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.65 x 0.80 = -- (Total Depth of Well) 57.83

Signature: JM

8/2008

* DUP/200

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW 0 83SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 41 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07610053

Spec. Conductivity: Standard: 1413 Reading: 1414 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240.1 ; **DO:** T°C: 15.47 mmHg: 9.06 DO Conc.: 90.6

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 52.00 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 81.20 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.20 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1005

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1007	7.50	-155.4	6.60	18.24	5.803	52.05	
	1012	1.70	-142.1	6.53	18.30	6.278	52.03	
	1017	1.11	-137.2	6.52	18.85	6.379	51.99	
	1022	1.01	-132.8	6.52	18.65	6.411	52.02	
	1027	0.91	-126.9	6.48	18.82	6.467	52.00	
	1032							
	1037							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1027		
TPH DRO			
Cl, Hex Cr, TDS			

COMMENTS:

DUP - 200* Lgt Brown Color / Very Strong Odor / Clear <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.20 x 0.80 = -- (Total Depth of Well) 57.84

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW-82SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 41 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 52.09 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 80.34 FT.

D. Height of Water Column in casing (h = TD - SWL): 28.25 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1101

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1103	4.71	-19.7	6.61	18.53	5.305	52.10	
	1108	2.19	-32.8	6.56	20.43	5.499	52.11	
	1113	1.46	-41.2	6.53	21.20	5.681	52.10	
	1118	1.24	-47.4	6.53	21.93	5.761	52.11	
	1123	1.08	-54.0	6.50	22.45	5.787	52.10	
	1128	0.99	-56.1	6.51	22.71	5.806	52.06	
	1133	0.94	-55.8	6.52	22.70	5.814	52.05	
	1138							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1133		
TPH DRO			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS: Lgt Brown Color / Very Strong Odor / Clear <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 28.25 x 0.80 = (Total Depth of Well) 57.74

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-18-09 WELL NO. ZD014

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 78 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) **QED** Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 52.57 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 78.31 FT.

D. Height of Water Column in casing (h = TD - SWL): 25.74 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1237

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1241	4.64	-52.7	6.91	20.57	8.511	52.54	
	1246	1.40	-84.3	6.94	20.48	8.503	52.79	
	1251	0.96	-103.5	6.94	20.28	8.511	52.91	
	1256	0.81	-135.3	6.98	20.30	8.509	53.06	
	1301	0.73	-142.8	6.95	20.29	8.506	53.18	
	1306	0.69	-119.4	6.96	20.47	8.493	53.33	
	1311	0.67	-115.2	6.95	20.24	8.533	53.50	
	1316	0.64	-105.2	6.96	20.36	8.518	53.67	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1316		
TPH DRO	"		
Cl, Hex Cr, TDS, Dissolved Metals	"		

COMMENTS:

Dk. Brown Color / Very Strong Odor / Cloudy H_2S?

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 25.74 x 0.80 = – (Total Depth of Well) 57.71

Signature: JSC

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-18-09 WELL NO. IW013

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 77 °F

FIELD PERSONNEL: JL/JM WEATHER: clear / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 52.12 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 65.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 12.88 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1341

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1343	6.00	-51.0	6.52	20.58	4.935	54.18	
	1348	1.30 ~~6.39~~	-79.4	6.35	20.97	4.867	54.21	
	1353	1.02	-93.5	6.38	21.06	4.856	54.22	
	1358	0.89	-104.9	6.38	21.03	4.855	54.22	
	1403	0.80	-112.4	6.37	21.02	4.851	54.24	
	1408	0.73	-117.8	6.37	20.98	4.844	54.23	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1408		
TPH DRO			
Cl, HexCr, TDS, Diss Metals			

COMMENTS:

light yellow color / Strong odor / clear <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 12.88 x 0.80 = -- (Total Depth of Well) 54.69

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. IW011

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 78 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.51 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.40 FT.

D. Height of Water Column in casing (h = TD - SWL): 12.89 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 14.48

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
	1450	7.50	24.2	6.81	24.49	5.927	55.40
	1455	1.25	-44.8	6.82	22.67	6.033	55.60
	1500	0.88	-63.2	6.79	22.67	6.004	55.66
*	1505	0.73	-79.7	6.79	23.03	5.989	55.66
	1510	0.94	-64.9	6.81	23.02	5.996	55.69
	1515	1.40	-25.1	6.82	22.79	5.987	55.78
	1520	1.48	-10.4	6.82	22.13	5.992	55.86
	1525	0.91	-20.4	6.80	21.27	6.002	55.95
	1530	0.58	-69.1	6.81	21.25	5.985	56.01
	1535	0.56	-85.5	6.82	21.28	5.985	56.08

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	~~1540~~ 1545		
TPH DRO			
Cl, Hex Cr, TDS			
Dissolved Metals			

COMMENTS: Dark Brown Color / very Strong odor / Cloudy 7½ gal.

@1505 * Air in the fluid lines, Possibly skewing the DO readings

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 12.89 x 0.80 = -(Total Depth of Well) 58.08

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. IW011

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 78 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.51 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.40 FT.

D. Height of Water Column in casing (h = TD - SWL): 12.89 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 14.48

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1540	0.54	-82.5	6.82	21.92	5.974	56.02	
	1545	0.53	-69.7	6.82	22.48	5.969	56.02	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time ~~1540~~ 1545	Size/Number of Container(s)	Preservative

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 12.89 x 0.80 = ~~-- (Total Depth of Well)~~ 58.08

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-19-09 WELL NO. TW010

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 47 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.01 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240.0; **DO:** T°C: 16.98 mmHg: 8.91 DO Conc.: 90.7

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 53.55 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 63.38 FT.

D. Height of Water Column in casing (h = TD - SWL): 9.83 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 906

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	908	8.38	87.1	6.12	17.37	4.802	53.56	
	913	2.23	10.6	6.35	17.87	4.939	53.73	
	918	1.45	-12.8	6.43	17.93	4.943	53.84	
	923	1.23	-23.3	6.40	18.15	4.950	53.91	
	928	1.05	-31.3	6.40	18.40	4.954	53.97	
	933	0.95	-36.3	6.39	18.56	4.957	54.05	
	938	0.88	-37.7	6.41	18.70	4.961	54.15	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	938		
TPH DRO			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS: Slight Brown Color / Strong odor / clear <1/2 scf.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 9.83 x 0.80 = -- (Total Depth of Well) 55.51

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. IW ~~009~~ JS 009

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 47 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.12 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 49.98 FT.

D. Height of Water Column in casing (h = TD - SWL): 2.86 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 958

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1000	4.25	30.6	5.61	17.79	9.849	47.06	
	1005	1.65	17.0	5.59	18.12	9.908	47.19	
	1010	1.01	4.6	5.59	18.53	9.941	47.38	
	1015	0.85	-2.6	5.58	18.69	9.964	47.43	
	1020	0.81	-5.6	5.59	18.70	9.960	47.49	
	1025	0.75	-8.0	5.60	18.63	9.972	47.56	

PURGE WATER STORED/DISPOSED ~~OF~~ WHERE/HOW:

SAMPLES COLLECTED: Note only collected BTEX Diss Metals

~~Sample Number(s)~~	Time	Size/Number of Container(s)	Preservative
BTEX	1025		
Diss Metals			(NOTAT Flushed HNO3)
			(unable to filter w/ filters)

COMMENTS:

Very ~~dark~~ dark brown / Strong odor / Cloudy <1/2 gal

* Note Well purged off then filling TPH DRO collected BTEX & Diss Metals (flushed HNO3 w/ well water) Note Filter in Lab, at

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 2.86 x 0.80 = -- (Total Depth of Well) 47.69

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. IW008

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 50 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.17 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 54.51 FT.

D. Height of Water Column in casing (h = TD - SWL): 6.34 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1052

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1055	6.29	-52.8	6.82	18.78	4.322	48.38	
	1100	1.28	-98.5	6.85	19.30	4.159	48.59	
	1105	0.94	-94.5	6.86	19.07	4.147	48.70	
	1110	0.80	-89.1	6.84	19.14	4.137	48.84	
	1115	0.74	-85.9	6.86	19.23	4.134	48.93	
	1120	0.69	-91.8	6.86	19.29	4.131	49.13	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/ TOH GRO	1120		
TOH DRO			
Chloride, TDS, Dissolved Metals			

COMMENTS:

Dark Color / Strong Odor / Cloudy <1/2 gph

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 6.34 x 0.80 = -- (Total Depth of Well) 49.43

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. IW007

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 :ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.21 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 51.05 FT.

D. Height of Water Column in casing (h = TD - SWL): 6.84 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1318

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1320	7.24	0.8	6.82	19.74	19.75	44.21	
	1325	1.21	-70.8	6.81	20.21	5.703	43.42	
	1330	0.84	-93.2	6.81	20.31	5.733	44.57	
	1335	0.73	-108.4	6.81	20.42	5.732	44.78	
	1340	0.69	-118.5	6.81	20.46	5.740	44.85	
	1345	0.67	-122.8	6.82	20.39	5.751	44.93	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1345		
TPH DRO			
Cl, Hexa Cr, TDS, RCRA Metals & *			HNO3 (Flushed out HNO3)

COMMENTS:

Dark Brown / Very Strong Odor / Cloudy

* Diss Metals Filter in lab HNO3 Flushed out w/ well water *

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 6.84 x 0.80 = -- (Total Depth of Well) 45.57

Signature: JM

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-19-08 WELL NO. IW006

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.78 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 55.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 12.22 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1407

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1410	4.12	-15.3	6.60	21.03	4.958	42.79	
	1415	1.56	-27.5	6.60	20.83	4.959	42.82	
	1420	0.92	-45.1	6.63	20.52	4.985	42.83	
	1425	0.72	-54.7	6.61	20.52	4.988	42.85	
	1430	0.60	-61.3	6.62	20.96	4.990	42.82	
	1435	0.57	-60.5	6.59	21.24	4.996	42.82	
	1440							
	1445							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1435		
TPH DRO			
Pb, Hex Cr, TPH Diss Metals *			NEAT (Flushed out HNO3)

COMMENTS:

Very Dark Brown / Very Strong Odor / Cloudy <1/2 gal

* Diss Metals filtered in lab HNO3 flushed out w/ well water. *

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 12.22 x 0.80 = -- (Total Depth of Well) 45.82

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/23/09 WELL NO. IW005

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 64 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1.413 Reading: 1.413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 3.97

Standard 10 Reading: 10.01 ; **ORP:** Standard: 240 Reading: 240.1; **DO:** T°C: 17.3 mmHg: 8.57 DO Conc.: 89.3

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.68 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 51.05 FT.

D. Height of Water Column in casing (h = TD - SWL): 7.37 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0936

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	940	6.84	111.8	6.42	19.31	5.803	43.89	
	945	1.89	-107.2	6.57	20.19	5.936	44.10	
	950	1.10	-141.9	6.64	20.33	5.964	44.44	
	955	.96	-152.1	6.65	20.44	5.989	44.47	
	1000	.86	-158.1	6.65	20.50	6.026	44.74	
	1005	.81	-161.0	6.65	20.84	6.032	44.64	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1095		
TPH DRO			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS:

Dark brown / strong odor / Silty Mucky 1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 7.37 x 0.80 = -- (Total Depth of Well) 45.15

Signature: JM

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/23/09 WELL NO. IW004

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.44 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 55.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 10.56 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1043

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1045	6.19	-24.3	6.37	21.75	6.019	44.47	
	1050	1.76	-14.6	6.34	21.98	5.981	44.46	
	1055	1.20	-13.7	6.35	22.07	5.981	44.48	
	1100	.91	-14.9	6.32	22.32	5.971	45.45	
	1105	0.78	-15.3	6.34	22.59	5.979	45.58	
	1110	0.73	-18.0	6.33	22.62	5.978	45.60	
	1115	0.69	-19.1	6.35	22.58	5.990	44.47	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1115		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS:

Light Brown / Strong odor / Murky <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 10.56 x 0.80 = -- (Total Depth of Well) 46.55

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-23-09 WELL NO. IW003

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 67 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.96 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 84.90 FT.

D. Height of Water Column in casing (h = TD - SWL): 39.94 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1236

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1240	6.55	-88.4	6.86	20.79	5.426	45.08	
	1245	1.31	-114.5	6.81	21.54	5.480	45.15	
	1250	.88	-131.5	6.80	21.66	5.444	45.32	
	1255	.78	-143.6	6.80	21.58	5.448	45.43	
	1300	.69	-152.7	6.78	21.65	5.437	45.49	
	1305	.63	157.4	6.78	21.59	5.447	45.63	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1305		
TPH DRO			
Cl, HexCr, TDS, Bromide			

COMMENTS:

Dark Brown / Strong Odor / Murky

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 39.94 x 0.80 = (Total Depth of Well) 52.94

Signature:

8/2008

DUP-201

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/23/09 WELL NO. IW 015

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.58 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 53.42 FT.

D. Height of Water Column in casing (h = TD - SWL): 8.84 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1324

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1326	4.38	-57.3	6.82	22.09	5.371	44.50
1331	1.08	-96.6	6.82	22.74	5.348	44.78
1336	.77	-92.9	6.81	23.13	5.357	44.84
1341	.67	-111.1	6.81	23.12	5.355	44.95
1346	0.59	-119.6	6.80	23.32	5.347	N/R
1351	0.56	-99.6	6.79	23.87	5.352	45.09

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1351		
TPH DRO			
Cl, Hex C, TDS, Dis. Metals			

COMMENTS:

Dark Brown / Strong odor / Murky <1/2 gpm

* DUP-201

Pumping Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 8.84 x 0.80 = -- (Total Depth of Well) 46.34

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/27/09 WELL NO. MW0 81SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 70 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.14 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 75.95 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.81 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1436

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1439	6.54	5.4	6.89	20.34	2744	45.67	
	1444	2.10	-24.6	6.81	2036	2709	45.65	
	1449	1.21	-27.4	6.80	20.17	2673	45.72	
	1454	0.97	-22.4	6.79	19.99	2659	45.67	
	1459	0.89	-17.1	6.79	19.92	2649	45.66	
	1504	0.82	-13.0	6.79	1997	2644	45.66	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1504		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS:

Clear / no odor / No Color <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.81 x 0.80 = (Total Depth of Well) 52.10

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/27/09 WELL NO. MW080SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 70 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.70 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 74.91 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.21 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1528

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1530	10.62	42.4	7.05	20.73	18.73	46.12
1535	5.08	11.0	7.06	21.22	18.45	46.09
1540	4.63	-4.1	7.09	21.20	18.40	46.11
1545	4.64	-5.5	7.10	21.21	1831 ~~18.99~~	46.12
1550	4.56	-3.7	7.09	21.25	1830	46.10

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1550		
TPH DRO			
Cl, Hex Cr, TDS, Phenols			

COMMENTS:

No Color / Slight Odor / Clear <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.21 x 0.80 = (Total Depth of Well) 51.54

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 2/24/09 WELL NO. MW07984

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 50 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1.413 Reading: 1.413 ;**pH** Standard: 7 Reading 7.00;Standard 4 Reading: 4.00

Standard 10 Reading: 9.98 ; **ORP:** Standard: 240 Reading: 240.3; **DO:** T°C: 15.30 mmHg: 9.02 DO Conc.: 98.7

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.03 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 72.76 FT.

D. Height of Water Column in casing (h = TD - SWL): 26.73 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 905

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	907	7.28	141.9	6.33	17.06	2056	46.09	
	912	2.13	83.7	6.74	17.12	2061	46.06	
	917	1.50	65.2	6.82	17.72	2056	46.05	
	922	1.23	47.8	6.82	17.86	2054 ~~17.87~~	46.03	
	927	0.97	32.8	6.87	18.27	2057	46.05	
	932	0.92	25.8	6.87	18.42	2058	46.04	
	0937	0.83	15.9	6.86	18.67	2060	46.04	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	0937		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS:

Clear / Slight Odor / No Color 2/2 sc

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 26.73 x 0.80 = -- (Total Depth of Well) 51.37

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-24-09 WELL NO. IW016

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 50 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.70 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 73.68 FT.

D. Height of Water Column in casing (h = TD - SWL): 26.98 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0958

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1000	7.58	39.1	6.81	18.89	5.052	46.71	
	1005	1.44	-49.1	6.81	18.83	5.117	46.85	
	1010	0.90	-72.5	6.82	18.87	5.129	46.94	
	1015	0.67	-82.2	6.83	19.10	5.126	47.08	
	1020	0.57	-85.3	6.84	19.25	5.125	47.09	
	1025	0.52	-90.4	6.85	19.39	5.126	47.31	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	10.25		
TPH DRO			
Cl, HexCr, TDS, Diss Metals			

COMMENTS:

Dark Brown / Strong odor / Cloudy Murky <½ gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 26.98 x 0.80 = + (Total Depth of Well) 52.09

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW09ISA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 57 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.84 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.41 FT.

D. Height of Water Column in casing (h = TD - SWL): 58.57 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1100

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1103	6.62	-26.6	7.05	19.91	4.229	43.96	
	1108	3.61	-26.0	6.88	19.96	4.550	43.93	
	1113	3.28	-6.6	6.86	19.93	4.606	43.91	
	1118	3.25	8.6	6.85	20.04	4.615	43.93	
	1123	3.19	18.8	6.85	20.09	4.626	43.92	
	1128	3.13	28.0	6.85	20.18	4.628	43.93	
	1133	3.13	34.6	6.85	20.29	4.621	43.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1133		
TPH DRO			
Cl, Hardness, TDS Dissolved			

COMMENTS:

Slightly Silty / no odor / lt Green (needs new bonded fittings) <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 58.57 x 0.80 = -- (Total Depth of Well) 55.55

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-24-09 WELL NO. MW092SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.89 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.25 FT.

D. Height of Water Column in casing (h = TD - SWL): 58.36 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1305

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1308	6.20	33.6	6.92	21.66	4.027	43.92	
	1313	3.65	48.7	6.85	21.93	4.563	43.90	
	1318	3.22	56.5	6.86	21.45	4.829	43.90	
	1323	3.03	61.1	6.86	21.54	4.873	43.94	
	1328	2.91	64.2	6.87	21.77	4.892	43.95	
	1333	2.92	66.7	6.88	21.58	4.907	43.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX TPH 602	1333		
TPH DRO			
Cl, Hardness, TDS, Bicarbonates			

COMMENTS:

Slightly Silty / no odor / light green <1/2 gal.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 58.36 x 0.80 = (Total Depth of Well) 55.56

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW0 93SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.12 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.10 FT.

D. Height of Water Column in casing (h = TD - SWL): 58.98 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1356

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1359	6.35	62.1	6.83	20.54	4.098	44.15	
	1404	2.05	74.1	6.84	20.86	4.932	44.14	
	1409	1.73	77.9	6.82	20.79	5.083	44.15	
	1414	1.63	78.5	6.85	20.72	5.117	44.15	
	1419	1.67	78.2	6.87	20.73	5.121	44.15	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH 8020	1419		
TPH DRO			
Cl, Hex Cr, TDS, Dis. Metals			

COMMENTS:

Clear / no odor / light green

Allegel

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 58.98 x 0.80 = -- (Total Depth of Well) 55.91

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. IW018

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.05 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 53.40 FT.

D. Height of Water Column in casing (h = TD - SWL): 7.37 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1455

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1459	3.31	64.3	6.82	21.19	3785	46.11	
	1504	1.57	78.4	6.79	21.61	4588	46.16	
	1509	1.06	82.7	6.77	21.28	4840	46.15	
	1514	0.85	85.6	6.77	21.39	4893	46.15	
	1519	0.79	87.2	6.77	21.60	4906	46.15	
	1524	0.74	88.8	6.76	21.58	4920	46.12	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1524		
TPH DRO			
Cl, Hexs, TDS, Diss Metals			

COMMENTS:

light green / no odor / (At 1511) Water became silty and light Brown <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 7.37 x 0.80 = -- (~~Total~~ Depth of Well) 47.52

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-25-09 WELL NO. MW044

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: JL/JM WEATHER: Cloudy / Slight Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07100513

Spec. Conductivity: Standard: 1413 715/12.22 Reading: 1413 ;**pH** Standard: 7 718/12.77 Reading 7.02 ;Standard 4 Reading: 3.99 719/13.63

Standard 10 Reading: 10.01 721/13.54 ; **ORP:** Standard: 240 722/1244 Reading: 240.1 ; **DO:** T°C: 1381 mmHg: 92.7 mg/L DO Conc.: 9.30

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 41.89 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.71 FT.

D. Height of Water Column in casing (h = TD - SWL): 20.82 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION: _____

OBSERVATIONS: **Purging Start Time:** 0915

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0916	4.02	191.8	6.58	17.58	2.364	41.94	
	0921	1.86	170.3	6.71	17.79	2.962	41.93	
	0926	1.45	163.1	6.81	18.02	3.114	41.92	
	0931	1.17	160.5	6.74	18.31	3.145	41.91	
	0936	0.97	156.7	6.74	18.36	3.153	41.92	
	0941	0.72	153.8	6.78	18.48	3.140	41.93	
	0946	0.75	143.9	6.77	18.55	3.097	41.91	
	0951	0.65	136.0	6.77	18.60	3.057	41.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	0951		
GRO DRO			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS: No Odor / Clear / light green > Hazel

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 20.82 x 0.80 = – (Total Depth of Well) 46.05

Signature: [signature]

8/2008

(DUP-202)

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-25-09 WELL NO. EW019

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 50 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.23 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 73.68 FT.

D. Height of Water Column in casing (h = TD - SWL): 28.45 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1011

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1013	7.30	132.3	6.88	18.90	4.379	45.33	
	1018	1.18	146.9	6.79	19.21	7.091	45.42	
	1023	0.91	143.3	6.84	18.99	7.317	45.30	
	1028	1.01	143.0	6.85	18.95	7.325	45.30	
	1033	1.04	142.8	6.84	18.98	7.333	45.30	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1033		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved			

COMMENTS:

* DUP-202

Clear / light green / Odorless <0.1 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 28.45 x 0.80 = – (Total Depth of Well) 50.92

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-25-09 WELL NO. TW020

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 54 °F

FIELD PERSONNEL: JL/JM WEATHER: Cloudy / Slight Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.84 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.35 FT.

D. Height of Water Column in casing (h = TD - SWL): 58.51 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1109

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1111	4.45	122.6	6.89	19.21	4.644	44.95	* see comments
	1116	2.31	128.5	6.86	19.10	6.049	44.91	
	1121	1.79	130.5	6.85	19.03	6.227	44.93	
set comments *	1126	1.60	130.4	6.85	19.13	6.268	44.89	
	1131	1.59	130.3	6.85	19.14	6.284	44.89	
	1136							
	1141							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH 8020	1131		
TPH 8100			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS: @ 1111 *

* Very silty / reddish brown color / no odor / very silty

* @ 1123 water started to clear slightly / still silty

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 58.51 x 0.80 = -- (Total Depth of Well) 54.54

Signature: [signature]

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-25-09 WELL NO. TW021

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.42 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.91 FT.

D. Height of Water Column in casing (h = TD - SWL): 58.49 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1254

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1256	6.62	115.7	6.95	20.18	3.692	44.45	
	1301	3.84	119.6	6.88	20.53	4.240	44.40	
	1306	3.64	119.2	6.85	20.82	4.814	44.41	
	1311	2.84	119.1	6.80	21.03	5.135	44.36	
	1316	2.83	118.1	6.81	21.40	5.224	44.40	
	1321	2.71	118.0	6.82	21.91	5.306	44.41	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1321		
TPH DRO			
Cl, Hex Cr, TDS			

COMMENTS:

Lgt Green / No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 58.49 x 0.80 = -- (Total Depth of Well) 56.11

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-25-09 WELL NO. SW022

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.33 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 105.27 FT.

D. Height of Water Column in casing (h = TD - SWL): 60.94 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1404

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1406	7.47	56.8	6.79	21.21	3.724	44.31	
	1411	3.37	79.1	6.84	21.11	3.934	44.33	
	1416	3.02	86.1	6.84	21.31	3.959	44.33	
	1421	2.98	91.3	6.85	21.11	3.975	44.32	
	1426	2.99	93.0	6.86	21.27	3.956	44.32	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPHGRO	1426		
TPH DRO			
Cl, Hex & TDS			
RH Metals			

COMMENTS:

* Well needs new tubing 1/4 Bended < 1/2 gal
Clear / no odor

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 60.94 x 0.80 = -(Total Depth of Well) 56.51

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. IW027

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 70 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.66 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 101.79 FT.

D. Height of Water Column in casing (h = TD - SWL): 53.13 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1451

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1454	6.92	62.9	7.13	21.34	3.232	48.58	
	1459	4.23	78.3	7.02	20.38	3.973	48.57	
	1504	3.76	84.0	7.09	20.17	~~4.003~~ 4.003	48.57	
	1509	3.64	85.1	7.05	20.08	4.008	48.54	
	1514	3.72	88.7	7.03	20.03	4.017	48.56	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	~~1415~~ 1514		
TPH DRO	S		
Cl, Hex Cr, TDS, Rad, Metals			

COMMENTS: Slightly silty / no odor / Lgt Green <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 53.13 x 0.80 = -- (Total Depth of Well) 59.28

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

MW009

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. ~~XXXXXX~~ JC

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 55 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1413 Reading: 1413 (0700/14.62) ;**pH** Standard: 7 Reading 7.00 (0702/13.89) ;Standard 4 Reading: 3.99 (0703/14.04)

Standard 10 Reading: 10.01 (0705/13.74) ; **ORP:** Standard: 240 Reading: 240.1 (0706/13.83) ; **DO:** T°C: 13.79 mmHg: 9.23 (0716) DO Conc.: 89.1

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: ~~48.51~~ 47.91 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: ~~108.09~~ 69.00 FT.

D. Height of Water Column in casing (h = TD - SWL): ~~59.58~~ 21.09 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 916

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	917	8.86	190.9	6.85	18.43	2651	48.01	
	922	4.76	173.3	6.99	18.36	2711	47.94	
	927	4.59	168.7	6.99	18.44	2726	47.93	
	932	4.58	166.7	7.00	18.51	2731	47.94	
	937	4.56	164.8	7.00	18.61	2735	47.93	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	0937		
TPH DRO	↓		
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS:

Lgt. Green / No Odor / Clear < 1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: ~~59.58~~ 21.09 x 0.80 = – (Total Depth of Well) ~~60.42~~ 52.12

Signature:

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW009A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 55 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.73 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.85 FT.

D. Height of Water Column in casing (h = TD - SWL): 55.12 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1006

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1007	6.67	115.9	7.20	19.31	3.213	47.82	
	1012	3.86	126.0	7.08	19.35	3.205	50.12	
	1017	3.53	157.4	6.93	19.52	3.196	50.10	
	1022	3.34	134.1	7.07	19.62	3.205	47.97	
	1027	3.30	130.4	7.08	19.64	3.195	48.00	
	1032	3.26	130.9	7.18	19.77	3.191	47.99	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1032		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved			

COMMENTS:

Clear / no odor / lgt Green >½gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 55.12 x 0.80 = -- (Total Depth of Well) 58.75

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW89SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 55 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.30 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 101.32 FT.

D. Height of Water Column in casing (h = TD - SWL): 58.02 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1056

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1058	7.58	117.4	7.19	20.01	3.781	48.42	
	1103	3.63	129.1	6.97	20.41	4.681	48.35	
	1108	2.74	129.0	6.96	20.74	4.756	48.33	
	1113	2.68	127.9	6.97	20.94	4.764	48.34	
	1118	2.71	126.9	6.98	21.00	4.770	48.34	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1118		
TPH DRO			
Cl, Hex Cr, TDS, Dissolved Metals			

COMMENTS: light green / clear / no odor >1/2 gal.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 58.02 x 0.80 = – (~~Total~~ Depth of Well) 58.90

Signature:

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW008A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.18 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 115.38 FT.

D. Height of Water Column in casing (h = TD - SWL): 66.20 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1344

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1349	3.07	-114.4	6.64	21.10	6838	48.96	
	1354	0.72	-120.6	6.61	20.94	6837	49.12	
	1359	0.65	-125.0	6.62	21.04	6848	~~N/R~~	See comments
	1404	0.50	-127.4	6.65	21.42	6859	—	
	1409	0.47	-128.4	6.67	21.17	6910	—	
	1414	0.40	-131.0	6.65	20.95	6899		

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1414		
TPH DRO			
Cl, HexCr, TDS, DissMetals			

COMMENTS: dark Brown / Strong Odor Biomass Stuck on tubing
* unable to gauge due to biomass

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 66.20 x 0.80 = -- (Total Depth of Well) 62.42

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/30/09 WELL NO. MW008

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65° °F

FIELD PERSONNEL: JL/~~M~~DM WEATHER: Sunny/Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.24 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.77 FT.

D. Height of Water Column in casing (h = TD - SWL): 17.53 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION: 1027-1055

OBSERVATIONS: **Purging Start Time:** 10:27

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	10:30	4.09	61.1	6.15	19.19	5.322	49.19	
	10:35	1.27	-13.7	6.31	19.29	5.767	49.20	
	10:40	0.85	-37.8	6.31	19.34	5.842	49.20	
	10:45	0.69	-45.7	6.33	19.39	5.837	49.22	
	10:50	0.63	-51.1	6.34	19.53	5.709	49.22	
	1055	0.64	-53.1	6.38	19.63	5.573	49.20	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/TPH	1055		
TPH/DRO			
Hex Chrom, CL, TDS Diss. Met			

COMMENTS:

White/Grey Slight odor / Slight Silty ≥1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 17.53 x 0.80 = 14.02 – (Total Depth of Well) 52.75

Signature:

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GROUNDWATER SAMPLING FIELD DATA SHEET

pg 1 of 2

PROJECT NO.: 212201135 DATE: 8-30-09 WELL NO. MW087A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 67° °F

FIELD PERSONNEL: JL/~~M~~ DM WEATHER: Sunny/windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.84 FT.

B. Thickness of Free Product, if present: _____ Inches ~~6.33~~ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 113.18 FT.

D. Height of Water Column in casing (h = TD - SWL): 63.34 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION: 1113 -

OBSERVATIONS: **Purging Start Time:** 1113

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1115	9.31	16.5	6.99	19.39	6.363	51.01	
	1120	0.93	-74.6	6.88	19.48	6.607	50.25	
	1125	0.66	-118.8	6.89	19.49	6.619	50.23	
	1130	0.53	-148.4	6.91	19.48	6.628	50.23	
	1135	0.48	-165.6	6.79	19.61	6.648	50.23	
	1140	0.44	-183.9	6.88	19.57	6.671	50.23	
	1145	0.42	-206.3	6.89	19.62	6.667	50.23	
	1150	0.41	-227.9	6.92	19.68	6.683	50.24	
	1155	0.40	-244.4	6.88	19.68	6.683	50.23	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/TPH	1235		
TPH/DRO	S		
HexCr, CL, TDS, Diss Met			

COMMENTS:

Needs new Sample tubing med Brown/Strong Odor/clear

~~[illegible]~~ >1.0 gal.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 63.34 x 0.80 = -- (Total Depth of Well) 62.50

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-30-09 WELL NO. MW087A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 67° °F

FIELD PERSONNEL: JL/JMDM WEATHER: Sunny Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.84 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 113.18 FT.

D. Height of Water Column in casing (h = TD - SWL): 63.34 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1113

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1200	0.39	-254.8	6.90	19.76	6.695	50.23
1205	0.38	-265.9	6.88	19.70	6.697	50.24
1210	0.37	-274.8	6.91	19.78	6.709	50.23
1215	0.37	-282.0	6.81	19.74	6.709	50.23
1220	0.38	-286.9	6.87	19.76	6.705	50.24
1225	0.38	-300.0	6.91	19.80	6.691	50.25
1230	0.37	-304.6	6.88	19.97	6.689	50.25
1235	0.37	-310.0	6.87	19.83	6.681	50.23
1240						

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/TPH	1235		
TPH/DRO			
Hex Cr, Cl, TDS, Diss Met			

COMMENTS:

mod Brown / Strong odor / clear

~~[illegible]~~ >1.0 gal.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 63.34 x 0.80 = -- (Total Depth of Well) 62.50

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/31/09 WELL NO. MW008M

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 43 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.02 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.02 ; **ORP:** Standard: 240 Reading: 240.0 ; **DO:** T°C: 11.75 mmHg: 10.01 DO Conc.: 90.0

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.44 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 86.30 FT.

D. Height of Water Column in casing (h = TD - SWL): 36.86 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 900

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	902	6.93	15.1	6.69	16.82	7.508	49.79	
	907	1.67	-84.0	6.78	17.51	7.668	49.78	
	912	1.19	-104.2	6.80	17.33	7.682	49.75	
	917	1.02	-114.3	6.80	17.44	7.657	49.71	
	922	0.89	-123.1	6.80	17.66	7.677	49.73	
	927	0.83	-128.7	6.79	18.01	7.656	49.70	
	932	0.79	-131.3	6.79	18.30	7.642	49.72	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX TPH GRO	932		
TPH DRO			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS:

Dark Brown / Strong odor / Cloudy >1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 36.86 x 0.80 = -- (Total Depth of Well) 56.81

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/31/09 WELL NO. RW004A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 45 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.49 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 115.51 FT.

D. Height of Water Column in casing (h = TD - SWL): 47.50 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic/ Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 955

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	958	5.23	18.1	5.06	18.77	10.54	47.59	
	1003	1.18	-22.9	5.03	18.66	10.62	47.73	
	1008	0.92	-27.9	5.03	18.47	10.62	47.82	
	1013	0.82	-26.0	5.03	18.35	10.63	47.84	
	1018	0.76	-25.4	5.04	18.49	10.62	47.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1018		
TPH DRO			
Cl, Hexc, TDS Dissolved			

COMMENTS:

Dark Brown / Strong odor / Cloudy / Hydr

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 47.50 x 0.80 = -- (Total Depth of Well) 77.51

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/31/09 WELL NO. MW011m

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 45 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.21 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 91.92 FT.

D. Height of Water Column in casing (h = TD - SWL): 41.71 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1054

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1056	5.99	-46.6	6.70	18.36	7.114	50.38	
	1101	1.89	-70.2	6.83	18.24	7.050	50.51	
	1106	1.28	-74.5	6.84	18.24	7.030	50.60	
	1111	1.02	-76.0	6.84	18.27	7.028	50.73	
	1116	0.93	-75.7	6.85	18.26	7.024	50.81	
	1121	0.86	-75.6	6.86	18.29	7.026	50.85	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1121		
TPH DRO	5		
Cl, HexCr, TDS Diss Metals			

COMMENTS:

Light Brownish green / Strong odor / Cloudy > 1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 41.71 x 0.80 = – (Total Depth of Well) 58.55

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/31/09 WELL NO. MW011

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 59 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ; Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.53 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 67.95 FT.

D. Height of Water Column in casing (h = TD - SWL): 17.42 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1230

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1232	6.57	20.7	7.10	18.80	6.852	50.54	
	1237	2.08	29.0	6.97	19.09	7.149	50.53	
	1242	1.40	35.5	6.96	18.95	7.203	50.52	
	1247	1.31	40.6	6.95	18.90	7.212	50.52	
	1252	1.28	41.4	6.93	18.87	7.216	50.52	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX TPH GRO	1252		
TPH DRO			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS: Clear / light green / Slight odor 7 1/5 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 17.42 x -0.80 = -- (Total Depth of Well) 54.01

Signature:

8/2008

DUP-203

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/31/09 WELL NO. MW011A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.94 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 117.43 FT.

D. Height of Water Column in casing (h = TD - SWL): 66.49 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1310

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1313	6.56	62.5	7.10	18.80	7.157	51.20	
	1318	2.07	63.3	7.05	19.09	7.252	51.32	
	1323	1.33	63.8	7.06	19.19	7.274	51.37	
	1328	1.31	64.4	7.05	19.15	7.287	51.28	
	1333	1.34	65.0	7.05	18.88	7.290	51.32	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1333		
TPH DRO			
Cl, Hex Cr, TDS, Disc Metals			

COMMENTS: Clear with light green color / Strong odor 7/5 gal

* DUP 203

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 66.49 x 0.80 = -- (Total Depth of Well) 64.23

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-31-09 WELL NO. RW002

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.70 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 71.78 FT.

D. Height of Water Column in casing (h = TD - SWL): 21.08 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1424

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1426	5.26	-22.0	6.49	19.82	6.016	50.69	
	1431	1.65	-71.6	6.40	19.73	6.060	50.70	
	1436	1.93	-70.2	6.43	19.70	6.000	50.69	
	1441	2.01	-63.8	6.41	19.63	5.960	50.70	
	1446	1.97	-54.8	6.47	20.18	5.947	50.65	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX GRO/DRO	1446		
TPH DRO			
Cl, Hex Cr, TDS, Pb, Metals			

COMMENTS:

Dark Brown / Strong Odor / Cloudy >1/2 gal

Casing Capacities:
- 2-inch hole.....0.16 gal/lin ft.
- 4-inch hole.....0.65 gal/lin ft.
- 6.5-inch hole.....1.70 gal/lin ft
- 8-inch hole.....2.60 gal/lin ft
- 10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 21.08 x 0.80 = -- (Total Depth of Well) 54.91

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/31/09 WELL NO. IW 001

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 63 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.98 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 89.22 FT.

D. Height of Water Column in casing (h = TD - SWL): 40.24 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1508

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1510	5.51	-104.8	6.90	19.99	9.894	48.95	
	1515	1.16	-171.3	6.90	20.33	10.06	48.89	
	1520	.80	-195.2	6.96	20.23	10.16	48.81	
	1525	.71	-203.1	6.89	20.22	10.18	49.59	
	1530	.65	-208.1	6.95	20.08	10.19	49.69	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1530		
TPH DRO	"		
Cl, Hex Cr, TDS, Dissolved Metals	"		

COMMENTS: Dark Brown / Very Strong odor / Crust on top of bail. / Muddy / Filtered

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 40.24 x 0.80 = – (Total Depth of Well) 57.02

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/1/09 WELL NO. MW012M

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 54 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1214 ~~0907~~ 0726 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: ; **ORP:** Standard: 240 Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.90 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 91.51 FT.

D. Height of Water Column in casing (h = TD - SWL): 42.61 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 944

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	946	5.77	-30.1	6.50	18.02	7.328	48.73	
	951	1.55	-92.5	6.63	18.02	7.497	49.16	
	956	1.09	-105.9	6.67	18.19	7.505	49.28	
	1001	0.91	-114.9	6.67	18.27	7.531	49.33	
	1006	0.80	-120.7	6.67	18.26	7.553	49.36	
	1011	0.72	-119.8	6.67	18.35	7.550	49.43	
	1016	0.67	-122.1	6.67	18.48	7.560	49.51	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX TPH GRO	1016		
TPH DRO			
Cl, Hex C., TDS Diss Metals			

COMMENTS:

Dark Brown / Strong Odor / Murky 7/25/09

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 42.61 x 0.80 = (Total Depth of Well) 57.42

Signature: JM

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/1/09 WELL NO. MW012

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.26 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.39 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.13 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1035

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1036	6.42	-39.0	6.62	19.93	3646	48.21	
	1041	1.63	-41.4	6.53	20.60	3.872	48.21	
	1046	0.94	-42.2	6.52	21.04	3.896	48.21	
	1051	0.79	-41.1	6.53	21.28	3.858	48.21	
	1056	0.75	-38.0	6.56	21.39	3.783	48.20	
	1101	0.77	-35.4	6.58	21.36	3.721	48.21	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX TPH GRO	1101		
TPH DRO			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS:

light Brown / Strong odor / Murky >1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.13 x 0.80 = (Total Depth of Well) 51.88

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/1/09 WELL NO. MW01RA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.65 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 115.48 FT.

D. Height of Water Column in casing (h = TD - SWL): 66.83 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1219

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1221	4.50	-1.1	7.88	20.61	0.975	48.59	
	1226	1.95	-20.6	7.83	20.50	0.935	48.95	
	1231	1.77	-39.2	7.81	20.61	0.921	48.95	
	1236	1.72	-56.7	7.80	20.70	0.906	48.96	
	1241	1.62	-71.2	7.80	20.92	0.900	48.96	
	1246	1.54	-82.9	7.79	20.86	0.894	48.94	
	1251	1.56	-92.2	7.80	20.90	0.891	48.94	
	1256	*N/A	-100.9	7.79	20.88	0.889	48.91	
	1301	1.84	-108.0	7.80	20.77	885	48.99	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH G	1301		
TPH D			
Cl, Hexcr, TDS, Diss Metals			

COMMENTS:

*YSI Turned off, will collect 1 more parameter

Clear / Slight odor / Lgt Green >1gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 66.83 x 0.80 = – (Total Depth of Well) 62.01

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/1/09 WELL NO. MW088m

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 64 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 0761005 13 @ 13.78

Spec. Conductivity: Standard: 1.413 @ 14.98 Reading: 1.413 **;pH** Standard: 7 Reading 7.00 @ 13.24 **;Standard 4 Reading:** 4.00

Standard 10 Reading: 10.00 **; ORP:** Standard: 240 Reading: 240.0 **DO:** T°C: 14.72 mmHg: 89.9 DO Conc.: 9.14

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.30 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 92.93 FT.

D. Height of Water Column in casing (h = TD - SWL): 43.63 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1323

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1326	6.26	-14.4	6.11	21.16	8.809	49.29	
	1331	1.53	-44.1	5.88	21.72	11.80	49.30	
	1336	0.91	-63.0	5.87	21.87	21.88	49.25	
	1341	0.77	-69.1	5.86	22.21	12.82	49.20	
	1346	0.71	-78.8	5.86	21.89	12.94	49.21	
	1351	0.67	-85.6	5.86	22.16	12.95	49.29	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH G	1351		
TPH-D			
Cl, Hex Cr, TDS Diss. Metals			

COMMENTS: Lgt Brown / Very Strong Odor / Murky 7/7 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 43.63 x 0.80 = -- (Total Depth of Well) 58.02

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/1/09 WELL NO. RW003

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.58 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.88 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.30 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1424

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1425	5.70	-39.6	6.57	20.89	3.731	48.49	
	1430	1.58	-75.6	6.60	20.95	3.655	48.52	
	1435	0.89	-85.2	6.62	20.94	4.655	48.53	
	1440	0.71	-91.6	6.61	20.99	3.639	48.52	
	1445	0.62	-92.9	6.61	20.90	3.634	48.50	
	1450	0.52	-94.1	6.62	20.97	3.624	48.50	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH G	1450		
TPH D			
Cl, Hex Cr, TDS, Total Metals			

COMMENTS:

Lgt Brown / Very Strong Odor, Crust on top of SWL / Recharge > 1/2 gal

Pumping Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.30 x 0.80 = -(Total Depth of Well) 52.24

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/6/09 WELL NO. IW002

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1413 @13.53 Reading: 1413 @14.01 ;pH Standard: 7 Reading 7.01 @14.39 ;Standard 4 Reading: 4.01 @14.27

Standard 10 Reading: 10.02 @14.27 ; ORP: Standard: 240 Reading: 240.0 ; DO: T°C: 14.51 mmHg: 9.34 DO Conc.: 9.17

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.99 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 84.90 FT.

D. Height of Water Column in casing (h = TD - SWL): 37.91 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: Purging Start Time: 14.42

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1445	5.15	49.5	6.82	20.33	7.695	47.30	
	1450	2.28	-126.7	6.88	20.39	7.860	47.47	
	1455	1.69	-141.9	6.93	20.89	7.880	47.59	
1500	~~1460~~	1.44	-154.3	6.94	21.05	7.931	47.73	
1505	~~1465~~	1.34	-152.3	6.94	20.84	7.998	47.83	
	1510	1.26	-130.0	6.95	21.20	7.976	47.98	
	1515	1.18	-137.4	6.88	21.56	8.017	47.99	
	1520	* 1.35	-129.4	6.94	21.76	7.988	48.20	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH G	1520		
TPH D			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS:

Dark Brown / Strong Odor / Murky ← <1/2 gal. (Crust on top of Water)

* YSI Turned off @ 1520 Poke (DO mic)

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 37.91 x 0.80 = (Total Depth of Well) 54.57

Signature:

8/2008

DUP 204

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/7/09 WELL NO. EW028

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 55 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1413 12.98 / 0756 Reading: 1413 ;**pH** Standard: 7 13.20 / 0758 Reading 7.00 ;Standard 4 12.54 / 0801 Reading: 4.00

Standard 10 1350 / 0803 Reading: 9.95 ; **ORP:** Standard: 240 1330 / 0804 Reading: 240.01; **DO:** T°C: 13.10 mmHg: 9.91 DO Conc.: 92.5 0808

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.51 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 108.04 FT.

D. Height of Water Column in casing (h = TD - SWL): 59.58 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 955

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
0957	7.91	222.1	6.71	17.52	2.844	48.60
1002	5.17	200.1	7.05	18.14	3.355	48.57
1007	4.72	192.0	7.07	18.14	3.604	48.57
1012	4.56	186.5	7.10	18.47	3.660	48.57
1017	4.48	183.5	7.14	18.77	3.674	48.57
1022	4.46	182.4	7.04	18.87	3.685	48.60

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH G	1022		
TPH D			
Cl, Hex Cr, TDS, Diss Metals			

COMMENTS:

DUP 204 Clear / light green / no odor >½ gal.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 59.58 x 0.80 = – (Total Depth of Well) 60.42

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/7/09 WELL NO. MW037

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.74 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 61.55 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.81 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1109

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1111	7.30	19.3	6.88	20.51	5.242	44.69	
	1116	2.29	-59.4	6.91	20.54	6.484	44.65	
	1121	1.44	-80.3	6.93	20.49	6.593	44.68	
	1126	1.08	-92.3	7.00	20.45	6.614	44.68	
	1131	1.15	-99.9	6.91	20.45	6.614	44.65	
	1136	1.07	-103.4	7.08	20.39	6.596	44.67	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPHG	1136		
TPH D			
Cl, Hardness, TDS, Dissolved			

COMMENTS: Light Brown / Slight Odor / Slight Silty

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.81 x 0.80 = -- (Total Depth of Well) 48.90

Signature: ~~48.90~~

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/7/09 WELL NO. MW005

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear/Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.49 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 67.75 FT.

D. Height of Water Column in casing (h = TD - SWL): 22.26 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1327

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1330	6.25	13.8	6.78	21.88	4150	45.50
1335	1.44	-42.6	6.83	21.16	4474	45.55
1340	1.20	-52.9	6.81	21.08	4518	45.55
1345	1.08	-58.4	6.79	21.11	4582	45.60
1350	1.00	-69.0	6.79	21.22	4606	45.50
1355	0.91	-66.7	6.80	21.15	4636	45.55

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH-G	1355		
TPH D			
Cl, Hex Cr, TDS Dissolved			

COMMENTS:

light green / Slightly Silty / Strong odor <1/2 gal

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 22.26 x 0.80 = -(Total Depth of Well) 49.94

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/7/09 WELL NO. MW006

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: JL/JM WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.90 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.38 FT.

D. Height of Water Column in casing (h = TD - SWL): 22.48 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1418

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1420	6.78	-21.6	6.94	22.36	6.838	45.80
1425	1.69	-71.7	7.04	22.16	7.762	45.84
1430	1.23	-94.7	6.99	22.26	7.979	45.77
1435	1.06	-105.5	7.02	22.18	8.021	45.77
1440	0.96	-110.5	7.03	22.13	8.028	45.75
1445	0.90	-113.5	6.95	22.02	8.040	45.75

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH 6	1445		
TPH D			
Cl, Hex Cr, TDS Dissolved			

COMMENTS: Slightly Silty / light green / Strong Odor <1/2 set

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 22.48 x 0.80 = -- (Total Depth of Well) 50.39

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/7/09 WELL NO. MW046

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1.413 Reading: 881 ;pH Standard: 7 Reading 7.10 ;Standard 4 Reading: 4.08

Standard 10 Reading: 10.14 ; **ORP:** Standard: 240 Reading: 240.1; **DO:** T°C: 13.67 mmHg: 9.51 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.33 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.73 FT.

D. Height of Water Column in casing (h = TD - SWL): 19.40 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1017

OBSERVATIONS: **Purging Start Time:** 1017

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1022	1.44	-121.7	6.96	20.90	3169	47.34	
	1027	0.71	-138.4	6.98	20.96	3166	47.36	
	1032	0.50	-146.5	6.99	20.99	3164	47.37	
	1037	0.40	-150.1	6.99	21.04	3165	47.38	
	1042	0.36	-152.2	6.98	21.00	3170	47.35	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Diss. Metals	1042	500 mL 1	HNO3
Hex Cr / TDS	1042	1000 mL 1	—
BTEX / TPH-GRO	1042	40 mL 3	HCl
COMMENTS: TPH-DRO	1042	1000 mL 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 19.40 x 0.80 = -(Total Depth of Well) 51.21

Signature:

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/7/09 WELL NO. MW036

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER:

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.18 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 61.83 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.65 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1117

OBSERVATIONS: **Purging Start Time:** 1117

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1122	0.80	-109.5	6.93	20.98	1598	46.24	
	1127	0.43	-108.2	6.87	20.99	1690	46.22	
	1132	0.44	-103.7	6.84	20.98	1780	46.24	
	1137	0.50	-102.4	6.81	21.01	1907	46.23	
	1142	0.59	-99.0	6.81	20.99	2030	46.23	
	1147	0.64	-95.5	6.80	21.01	2132	46.23	
	1152	0.76	-94.5	6.80	21.03	2257	46.23	
	1157	0.80	-92.6	6.85	20.99	2347	46.17	
	1202	0.91	-88.4	6.77	20.86	2391	46.24	
	1207	1.00	-87.5	6.79	20.87	2460	46.24	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Diss Metals	1207	500 ml 1	HNO3
Hex Cr/TDS	1207	1000 ml 1	—
BTEX / TPH-GRO	1207	40 ml 3	HCl
	1207	1000 ml 2	HCl

COMMENTS: TPH-DRO

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.65 x 0.80 = -- (Total Depth of Well) 49.31

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/7/09 WELL NO. MW038

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.73 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 61.70 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.97 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1330

OBSERVATIONS: **Purging Start Time:** 1330

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1335	0.81	-13.2	6.92	21.28	3393	45.71	
	1340	0.52	2.1	6.91	21.34	3150	45.73	
	1345	0.36	10.7	6.89	21.24	3011	45.73	
	1350	0.25	17.7	6.89	21.27	2927	45.75	
	1355	0.24	22.7	6.88	21.27	2885	45.73	
	1400	0.20	25.9	6.89	21.22	2863	45.72	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Diss Metals	1400	500 ml	HNO3
Hex Cr / TDS	1400	1000 ml	—
BTEX / TPH-GRO	1400	40 ml	HCl
TPH-DRO	1400	1000 ml	HCl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.97 x 0.80 = -- (Total Depth of Well) 45.92

Signature:

8/2008

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 006197

Facility #: Eunice North Gas Plant - 21221135
Site Address: Eunice New Mexico
Chevron PM: J. Homan Lead Consultant: C. Vandell
Consultant/Office: Stantec Houston
Consultant Prj. Mgr.: Darren Wondra
Consultant Phone #: 713.937.7475 Fax #: 713.983.8528
Sampler: SB/JT
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates ___	TPH GRO ___	TPH DRO ___ (☐ Extended Rng. ☐ Silica Gel Cleanup)	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH H HCID ☐ quantification	Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver	Cl/Fluoride, Nitrate, Nitrite, TDS
MW075SA	3/11/09	1015	✓			✓		7	✓			✓	✓				✓	✓
MW075SA	3/11/09	1053	✓			✓		7	✓			✓	✓				✓	✓
MW076SA	3/11/09	1125	✓			✓		7	✓			✓	✓				✓	✓
MW070	3/11/09	1335	✓			✓		7	✓			✓	✓				✓	✓
MW070A	3/11/09	1415	✓			✓		7	✓			✓	✓				✓	✓
MW030	3/11/09	1459	✓			✓		7	✓			✓	✓				✓	✓
MW029	3/11/09	1540	✓			✓		7	✓			✓	✓				✓	✓
Trip Blanks								2	✓									

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filter for Dissolved Metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/12	1415			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 007471 ~~7363~~ 7277L

Facility #: Eunice North Gas Plant 212901155
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vowell
Consultant/Office: Shaw Houston
Consultant Prj. Mgr.: D. Woomwa, P
Consultant Phone #: 713 [illegible] 7073 Fax #: 713 [illegible]
Sampler: SF / JJ
Service Order #: _____ ☐ Non SAR: _____

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates ___	TPH GRO ___	TPH DRO ___ (☐ Extended Rng. ☐ Silica Gel Cleanup)	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH H HCID ☐ quantification	Cations Na, K, Ca, Mg, Fe, Mn	Cl, (SO4), Hex Cr, TDS		
									H			H	H				N	—		
MW072SA	3-17-09	0908	✓			✓		7	✓			✓	✓				✓	✓		
MW073SA	3-17-09	0956	✓			✓		7	✓			✓	✓				✓	✓		
MW057SA	3-17-09	1035	✓			✓		7	✓			✓	✓				✓	✓		
MW040A	3-17-09	1120	✓			✓		7	✓			✓	✓				✓	✓		
MW016A	3-17-09	1315	✓			✓		7	✓			✓	✓				✓	✓		
MW018A	3-17-09	1350	✓			✓		7	✓			✓	✓				✓	✓		
MW019A	3-17-09	1522	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks									✓											
Dup #100	3-17-09	—	✓			✓		7	✓			✓	✓				✓	✓		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
X - Field filtered for Dissolved metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-16-09	0120			
[signature]	3/17/09	1730			
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

007470

Facility #: Eunice Natural Gas Plant 212201135
Site Address: Eunice New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713.937.7973 Fax #: 713.383.8328
Sampler: S.B. SA
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested

Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES)	Matrix: Oil / Air	Total Number of Containers	BTEX + MTBE 8021 / 8260 / Naphth	8260 full scan	Oxygenates	TPH G 8015	TPH D/O (Extended Rng. / Silica Gel Cleanup)	Lead Total / Diss. / Method	VPH/EPH	NWTPH H HCID / quantification	Ca, Fe, Mn, K, Na, As, Cr*	Hexcl, Cl-(300.0), TDS		
									H			H	H				N	—		
MW023A	3-18-09	1431	✓			✓		7	✓			✓	✓				✓	✓		
MW014A	3-18-09	1015	✓			✓		7	✓			✓	✓				✓	✓		
MW018	3-18-09	1123	✓			✓		7	✓			✓	✓				✓	✓		
MW060	3-18-09	1308	✓			✓		7	✓			✓	✓				✓	✓		
MW022A	3-18-09	1359	✓			✓		7	✓			✓	✓				✓	✓		
MW078SA	3-18-09	1443	✓			✓		7	✓			✓	✓				✓	✓		
MW053SA	3-18-09	1529	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blank	3-18-09							2	✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filtered for Dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/18/09	1745			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

004497

Facility #: Eunice Northgas Plant · 31220115
Site Address: Eunice, New Mexico
Chevron PM: J. Homer
Lead Consultant: C. Vowell
Consultant/Office: Stanley Houston
Consultant Prj. Mgr.: D Woodward
Consultant Phone #: 713.937.7473
Fax #: 713.483.8328
Sampler: SB, SJT
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Soil ☐ Water (☐ Potable ☑ NPDES) ☐ Oil ☐ Air

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Total Number of Containers	BTEX + MTBE 8021 ☑ / 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G Ro 8015B	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Cr, Fe, Mg, K, Na, As, Cl, Mn	HexCr, Cl, (300.0), TDS
						H			H	H				H	—
														*	
LordWW	3.19.09	0912	✓		7	✓			✓	✓				✓	✓
MW020A	3.19.09	0955	✓		7	✓			✓	✓				✓	✓
MW020	3.19.09	1032	✓		7	✓			✓	✓				✓	✓
~~[illegible]~~ SB	~~3.19.09~~		~~✓~~		~~7~~	~~✓~~			~~✓~~	~~✓~~				~~✓~~	~~✓~~

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filter for Dissolved metals

All Times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
~~STD. TAT~~ 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
Shane Bell	3/19/09	1740			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____ 004498

Facility #: Eunice North Gas Plant - 212201135
Site Address: Eunice, New Mexico
Chevron PM: S. Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713 877 7975 Fax #: 713 483 5328
Sampler: SB, JA
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES ☐ Soil ☐ Water ☐ Oil ☐ Air

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G 8015B	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Ca, Fe, Mg, K, Na, As, Cr, Mn	Hardness, Cl, Fluoride, TDS
						H			H	H				N	—
MW067A	3.14.09	1110	✓		7	✓			✓	✓				✓	✓
MW018	3.14.09	1147	✓		7	✓			✓	✓				✓	✓
MW015	3.14.09	1334	✓		7	✓			✓	✓				✓	✓
MW015A	3.14.09	1406	✓		7	✓			✓	✓				✓	✓
MW025	3.14.09	1456	✓		7	✓			✓	✓				✓	✓
MW028	3.14.09	1555	✓		7	✓			✓	✓				✓	✓
Dup #101	3/14/09	—	✓		7	✓			✓	✓				✓	✓
Trip Blank	3/14/09	—			2	✓									

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filtered for Dissolved Metals

All lines are Central Line Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
Shane Bell	3/14/09	1740			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

004500

Facility #: Eunice North Gas Plant - 31220135
Site Address: Eunice, New Mexico
Chevron PM: J Horner Lead Consultant: C Vowell
Consultant/Office: Stantec Houston
Consultant Prj. Mgr.: D Woodward
Consultant Phone #: 713.437.9973 Fax #: 713.783.8328
Sampler: S.B. Jr
Service Order #: _____ ☐ Non SAR: _____

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates ___	TPH G ___ (H)	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup ___ (H)	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH H HCID ☐ quantification	Cations: Na, K, Ca, Cr, Mn (N) *	Hexa Cr, Cl (3wd), TDS		
MW021A	3.24.09	1338	✓			✓			✓			✓	✓				✓	✓		
MW021	3.24.09	1431	✓			✓			✓			✓	✓				✓	✓		
WoodellMW	3.24.09	1445	✓			✓			✓			✓	✓				✓	✓		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* - Field filtered for dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
Shane Bell	3/24/09	1750			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

004499

Facility #: Eunice Natural Gas Plant · 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vowell
Consultant/Office: Stanter - Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713.437.7973 Fax #: 713.895.8328
Sampler: SB. JT
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G Eu	TPH D/E ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Dissolved Metals	Hexavalent Cr, Cl (300.0), TDS		
									H			H	H				N	—		
MW045	3/24/09	931	✓			✓		7	✓			✓	✓				✓	✓		
MW035	3/24/09	1015	✓			✓		7	✓			✓	✓				✓	✓		
MW043	3/24/09	1059	✓			✓		7	✓			✓	✓				✓	✓		
MW031	3/24/09	1155	✓			✓		7	✓			✓	✓				✓	✓		
MW071SA	3/24/09		✓			✓		7	✓			✓	✓				✓	✓		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filtered for Dissolved Metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
~~STD TAT~~ 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/24/09	1750			
Relinquished by: —	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 43651 008891

Facility #: Eunice North Gas Plant · 2122001135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec. Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713 337 7873 Fax #: 713 483 8328
Sampler: SB, JA
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES ☑

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G FO	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Cations K, Na, Ca, Fe, Mn *	Hexavalent Cr. Cl- (300.0), TDS
									H			H	H				N	—
MW024	3.25.09	0920	✓			✓		7	✓			✓	✓				✓	✓
MW024A	3.25.09	1000	✓			✓		7	✓			✓	✓				✓	✓
MW050SA	3.25.09	1045	✓			✓		7	✓			✓	✓				✓	✓
MW034	3.25.09	1118	✓			✓		7	✓			✓	✓				✓	✓
MW056SA	3.25.09	1329	✓			✓		7	✓			✓	✓				✓	✓
MW065SA	3.25.09	1405	✓			✓		7	✓			✓	✓				✓	✓
MW077SA	3.25.09	1439	✓			✓		7	✓			✓	✓				✓	✓
MW086SA	3.25.09	1512	✓			✓		7	✓			✓	✓				✓	✓
Dup#102	3.25.09	—				✓		7	✓			✓	✓				✓	✓
Trip Blanks						✓		2	✓									

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field F. Hered for Dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-25-09				
Relinquished by: [signature]	3/25/09	1715	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time

Temperature Upon Receipt _____ C°
Custody Seals Intact? Yes No

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 008869 43029

Facility #: Eunice North Gas Plant - 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vanwell
Consultant/Office: Stantec Houston
Consultant Prj. Mgr.: D Woodward
Consultant Phone #: 713.937.2473 Fax #: 713.483.8328
Sampler: S.B. Jr
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES ☑)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates ___	TPH G ___ (H)	TPH D ___ ☐ Extended Rng. ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH H HCID ☐ quantification	Cations, Cr, Mn (N) *	Hexa Cr, Cl-(300.0), TDS (—)		
MW055SA	3-26-09	0932	✓			✓		7	✓			✓	✓				✓	✓		
MW011SA	3-26-09	1027	✓			✓		7	✓			✓	✓				✓	✓		
MW052SA	3-26-09	1109	✓			✓		7	✓			✓	✓				✓	✓		
MW054SA	3-26-09	1154	✓			✓		7	✓			✓	✓				✓	✓		
MW049SA	3-26-09	1343	✓			✓		7	✓			✓	✓				✓	✓		
MW048SA	3-26-09	1417	✓			✓		7	✓			✓	✓				✓	✓		
MW010	3-26-09	1457	✓			✓		7	✓			✓	✓				✓	✓		
Dup #103	3-26-09	—	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks					✓			2	✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filtered for Dissolved Metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/26/09	1200			
[signature]	3/26/09	1700			
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		

Temperature Upon Receipt _____ C°
Custody Seals Intact? Yes No

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

008868

Facility #: Eunice North Gas Plant - 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vawell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713-437-7973 Fax #: 713-483-8328
Sampler: SB, JP
Service Order #: _____ ☐ Non SAR: _____

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable ☐ NPDES ☑)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH GRO	TPH DRO (Extended Rng. ☐ Silica Gel Cleanup ☐)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Cations, Mg, K, Na, Ca, Fe, Mn	Hexa Cr, Cl (Fro.), TDS		
									H			H	H				N	—		
MW013A	3.30.09	0955	✓			✓		7	✓			✓	✓				✓	✓		
MW014	3.30.09	1058	✓			✓		7	✓			✓	✓				✓	✓		
MW032	3.30.09	1213	✓			✓		7	✓			✓	✓				✓	✓		
MW004A	3.30.09	1443	✓			✓		7	✓			✓	✓				✓	✓		
Dup #104	3.30.09	—	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks			2					2	✓											

Analyses Requested — **Preservation Codes**

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
*. Field Filtered for Dissolved metals

All times are Central time zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
Steve Beel	3/30/09	1635			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 008409 50885

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J Homer Lead Consultant: A. Vowell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713.437.7973 Fax #: 713.983.8328
Sampler: SB/DP
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☑ NPDES

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH GRO	TPH DRO ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Ca, Fe, Mg, K, Na, Cr, As, Mn *	Hexa Cr, Cl-(300.0), TDS		
									H			H	H				N			
MW002A	3.31.09	0945	✓			✓		7	✓			✓	✓				✓	✓		
MW002	3.31.09	1031	✓			✓		7	✓			✓	✓				✓	✓		
MW046A	3.31.09	1115	✓			✓		7	✓			✓	✓				✓	✓		
MW042A	3.31.09	1306	✓			✓		7	✓			✓	✓				✓	✓		
MW059	3.31.09	1419	✓			✓		7	✓			✓	✓				✓	✓		
MW023	3.31.09	1500	✓			✓		7	✓			✓	✓				✓	✓		
MW004	3.31.09	1545	✓			✓		7	✓			✓	✓				✓	✓		
Dup #105	3.31.09	—	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks	3.31.09								✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filtered for Dissolved Metals

All Times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-2-07	1250			
Steve Reed	3/31/09	1740			
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		

Temperature Upon Receipt _____ C°
Custody Seals Intact? Yes No

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 36010

006662

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Hamer Lead Consultant: C. Vanwell
Consultant/Office: Stantec Houston
Consultant Prj. Mgr.: D. Wolfhard
Consultant Phone #: 713.937.7975 Fax #: 713.983.8328
Sampler: CB
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☑ NPDES)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification		TDS		
LordWW	4-1-09	1011	✓			✓		1										✓		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks

Resample for TDS only

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24-hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-30-08	0850			
[signature]	4/1/09				

Relinquished by Commercial Carrier:
UPS FedEx Other _____
Temperature Upon Receipt _____ C°

Received by: Date Time
Custody Seals Intact? Yes No

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 009280 48169

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713.437.7973 Fax #: 713.453.8328
Sampler: SB, JP
Service Order #: _____ ☐ Non SAR: _____

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES ☑)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH GRO	TPH DRO (☐ Extended Rng. ☐ Silica Gel Cleanup ☑)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH HCID ☐ quantification	Ca, Fe, Mg, K, Na, Cr, As, Mn *	Hexa Cr, Cl (300.0), TDS		
MW013	4-1-09	1111	✓			✓		7	✓			✓	✓				✓	✓		
MW033	4-1-09	1242	✓			✓		7	✓			✓	✓				✓	✓		
MW061	4-1-09	1402	✓			✓		7	✓			✓	✓				✓	✓		
MW041A	4-1-09	1446	✓			✓		7	✓			✓	✓				✓	✓		

Preservation Codes: H, H, H, *, —

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* - Field Filtered for Dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	4-7-09	0800			
[signature]	4/1/09	1645			

Relinquished by Commercial Carrier: UPS FedEx Other _____
Received by: Date Time
Temperature Upon Receipt _____ C°
Custody Seals Intact? Yes No

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

009279

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: A. Vowell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713.973.7973 Fax #: 713.483.8328
Sampler: SB, JT
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Potable	NPDES	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH GRO	TPH DRO ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Ca, Fe, Mg, K, Na, Cr, As, Mn *	Hexavalent Cr. (3060), TDS		
												H			H	H				N	—		
MW051SA	4-2-09	0949	✓					✓			7	✓			✓	✓				✓	✓		
MW062A	4-2-09	1039	✓					✓			7	✓			✓	✓				✓	✓		
MW063A	4-2-09	1120	✓					✓			7	✓			✓	✓				✓	✓		
MW039A	4-2-09	1250	✓					✓			7	✓			✓	✓				✓	✓		
MW058	4-2-09	1333	✓					✓			7	✓			✓	✓				✓	✓		
Dup#106	4-2-09	—	✓					✓			7	✓			✓	✓				✓	✓		
Trip Blanks	4-2-09	—									2	✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Field Filtered for Dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	4/2/09	1545			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: 44633

008757

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: D. Woodward
Consultant Phone #: 713-877-7973 Fax #: 713-587-8328
Sampler: SB. JI
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Ca, Fe, Mg, K, Na, Cr, As, Mn	Hardness, Cl-(500.0), TDS
EPWW1	4-6-09	1030	✓			✓		1	✓			✓	✓				✓	✓

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
X - Not Able to Field Filter. Please Lab Filter for Dissolved metals.

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	4-7-09	0857			
[signature]	4/6/09	1730			
[signature]	4/6/09	1730			

Relinquished by Commercial Carrier:
UPS FedEx Other _____
Received by: Date Time

Temperature Upon Receipt _____ C°
Custody Seals Intact? Yes No

GROUNDWATER FIELD LOG
EUNICE NORTH GAS PLANT
FIRST HALF 2009

ORDER	GRUNDFOS WELL ID #	DATE	TIME	DEPTH TO WATER (ft.)	TOTAL WELL DEPTH (ft.)	PSH THICKNESS (ft.)
1	LORDWW	3/10/2009	10:11	40.61	70.00	
2	MW014A	3/10/2009	10:15	42.33	105.56	
3	MW016A	3/10/2009	10:23	38.75	91.36	
4	MW018A	3/10/2009	10:34	36.29	84.45	
5	MW019A	3/10/2009	11:17	36.74	74.81	
6	MW020A	3/10/2009	11:23	42.85	83.70	
7	MW022A	3/10/2009	11:29	51.09	123.83	
8	MW023A	3/10/2009	11:35	55.22	123.30	
9	MW026	3/10/2009	12:42	50.25	66.11	
10	MW029	3/10/2009	12:48	65.97	81.01	
11	MW030	3/10/2009	12:52	59.25	77.68	
12	MW040A	3/10/2009	12:59	41.96	109.80	
13	MW053SA	3/10/2009	13:06	41.60	71.40	
14	MW057SA	3/10/2009	13:15	45.58	73.72	
15	MW060	3/10/2009	13:25	66.55	102.17	
16	MW067SA	3/10/2009	13:33	45.81	88.31	
17	MW068	3/10/2009	13:42	56.94	112.35	
18	MW070	3/10/2009	13:51	59.11	95.87	
19	MW070A	3/10/2009	13:52	59.11	127.20	
20	MW072SA	3/10/2009	14:04	50.44	97.83	
21	MW073SA	3/10/2009	14:08	47.89	71.21	
22	MW074SA	3/10/2009	14:13	48.18	70.09	
23	MW075SA	3/10/2009	14:18	50.93	69.18	
24	MW076SA	3/10/2009	14:21	52.61	98.15	
25	MW078SA	3/10/2009	14:31	43.47	71.81	
26	WOODELLWW	3/10/2009	---	---	---	
27	MW015	3/10/2009	14:37	39.11	54.10	
28	MW020	3/10/2009	11:24	42.67	62.06	
29	MW018	3/10/2009	10:38	36.59	55.35	
30	MW043	3/10/2009	14:43	45.85	67.58	
31	MW069	3/10/2009	14:50	52.99	112.35	
32	MW028	3/10/2009	14:59	70.70	85.09	
33	MW031	3/10/2009	15:03	59.86	77.02	
34	MW071SA	3/10/2009	15:14	49.92	95.72	
35	MW035	3/10/2009	15:21	48.45	65.36	
36	MW021	3/10/2009	15:25	45.60	62.20	
37	MW025	3/10/2009	15:30	51.12	62.72	
38	MW045	3/10/2009	15:37	46.16	66.29	
39	MW015A	3/10/2009	14:38	39.05	109.12	
40	MW007	3/10/2009	15:43	47.78	68.22	
41	EPWW1	3/10/2009	---	---	---	
42	MW032	3/10/2009	15:55	60.82	68.80	

ORDER	GRUNDFOS WELL ID #	DATE	TIME	DEPTH TO WATER (ft.)	TOTAL WELL DEPTH (ft.)	PSH THICKNESS (ft.)
43	MW013A	3/10/2009	16:01	43.05	106.10	
44	MW066SA	3/10/2009	16:07	49.00	72.02	
45	MW021A	3/10/2009	15:24	46.28	87.74	
46	MW002	3/11/2009	10:01	51.94	68.59	
47	MW077SA	3/11/2009	10:15	50.71	98.45	
48	MW065SA	3/11/2009	10:19	51.52	85.71	
49	MW024A	3/11/2009	10:46	51.15	101.48	
50	MW034	3/11/2009	10:56	41.86	65.25	
51	MW047	3/11/2009	Unable to Access- Demo		66.58	
52	MW010	3/11/2009	11:14	39.16	64.64	
53	MW049SA	3/11/2009	11:18	47.95	88.12	
54	MW002A	3/11/2009	10:02	51.89	103.28	
55	MW086SA	3/11/2009	11:29	50.91	97.80	
56	MW059	3/11/2009	11:37	61.33	106.41	
57	MW024	3/11/2009	10:45	51.69	89.16	
58	MW055SA	3/11/2009	11:44	40.79	54.70	
59	MW054SA	3/11/2009	12:46	44.74	61.90	
60	MW042A	3/11/2009	12:53	46.15	99.10	
61	MW048SA	3/11/2009	11:20	45.02	88.42	
62	MW004A	3/11/2009	12:55	44.54	103.70	
63	MW003	3/11/2009	12:59	47.73	70.51	
64	MW050SA	3/11/2009	13:06	44.78	83.78	
65	MW039A	3/11/2009	13:10	55.14	119.23	
66	MW014	3/11/2009	13:16	42.69	60.88	
67	MW007A	3/11/2009	13:25	47.64	106.50	
68	MW052SA	3/11/2009	13:30	44.54	68.15	
69	MW056SA	3/11/2009	13:35	44.92	56.80	
70	MW046A	3/11/2009	11:08	46.78	107.72	
71	MW041A	3/11/2009	11:16	41.70	91.08	
72	MW023	3/11/2009	11:23	55.55	69.11	
73	MW058	3/11/2009	11:32	56.52	111.32	
74	MW013	3/11/2009	11:46	43.19	60.13	
75	MW051SA	3/11/2009	12:37	43.48	69.05	
76	MW004	3/11/2009	12:56	44.33	66.50	
77	MW061	3/11/2009	13:05	58.59	110.69	
78	MW062A	3/11/2009	13:15	55.39	110.71	
79	MW063A	3/11/2009	13:21	56.02	108.56	
80	MW033	3/11/2009	13:35	47.19	63.02	
81	ROWLANDWW	3/11/2009	13:45	39.69	58.00	

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. MW0-74SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: 1,413 Reading: 1,064 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 11.38 mmHg: 9.80 DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.18 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 70.09 FT.

D. Height of Water Column in casing (h = TD - SWL): 21.91 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0955

OBSERVATIONS: **Purging Start Time:** 0955

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1005	5.82	234.3	7.00	19.65	2327	48.97	
	1010	5.37	230.8	7.01	19.83	2334	48.99	
	1015	5.25	228.9	6.90	19.93	2338	49.02	
	1020							

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1015	1000 ml 1	—
Diss. Metals	1015	500 ml 1	HNO3
BTEX / TPH-GRO	1015	40 ml 3	HCl
TPH-DRO	1015	1000 ml 2	HCl

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 21.91 x 0.80 = -- (Total Depth of Well) 52.56

Signature: _____

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. MW0-75SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: SUNNY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 :ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.93 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 69.18 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.25 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1033

OBSERVATIONS: **Purging Start Time:** 1033

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1043	5.50	223.1	7.02	20.12	26.59	51.98	
	1048	5.33	219.3	7.01	20.31	2732	52.00	
	1053	5.32	216.0	7.00	20.37	2746	52.01	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1053	1000 ml 1	—
Diss. Metals	1053	500 ml 1	HNO3
BTEX / TPH-GRO	1053	40 ml 3	Hcl
TPH-DRO	1053	1000 ml 2	Hcl

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.25 x 0.80 = -- (Total Depth of Well) 54.58

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. MW0-76 SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 52.61 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 98.15 FT.

D. Height of Water Column in casing (h = TD - SWL): 45.54 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1105

OBSERVATIONS: **Purging Start Time:** 1105

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1115	5.03	206.8	7.06	20.37	2380	52.81	
	1120	4.88	202.8	7.07	20.55	2530	52.81	
	1125	4.84	197.2	7.07	20.62	2543	52.82	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1125	1000 ml 1	—
Diss. Metals	1125	500 ml 1	HNO3
BTEX / TPH-GRO	1125	40 ml 3	Hcl
TPH-DRO	1125	1000 ml 2	Hcl

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 45.54 x 0.80 = -- (Total Depth of Well) 61.71

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. MW0-70

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: _____ Reading: _____ ;pH Standard: 7 Reading _____ ;Standard 4 Reading: _____

Standard 10 Reading: _____ ; **ORP:** Standard: _____ Reading: _____ ; **DO:** T°C: _____ mmHg: _____ DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 59.11 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 95.87 FT.

D. Height of Water Column in casing (h = TD - SWL): 36.76 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1315

OBSERVATIONS: **Purging Start Time:** 1315

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1325	6.00	152.7	7.18	21.96	1236	59.50	
	1330	5.89	151.3	7.20	21.93	1233	59.50	
	1335	5.93	152.9	7.20	21.93	1235	59.50	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1335	1000 mL 1	—
Diss. Metals	1335	500 mL 1	HNO3
BTEX / TPH-GRO	1335	40 mL 3	HCl
TPH-DRO	1335	1000 mL 2	HCl

COMMENTS: 195 lk

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 36.76 x 0.80 = -- (Total Depth of Well) 66.46

Signature: _____

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. MW0-70A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: ____ Reading: ____ ;**pH** Standard: 7 Reading ____ ;Standard 4 Reading: ____

Standard 10 Reading: ____ ; **ORP:** Standard: ____ Reading: ____ ; **DO:** T°C: ____ mmHg: ____ DO Conc.: ____

End-of-Day Recheck: Spec.Cond: ____ ;pH 7: ____ ;pH 4: ____ ;pH: 10 ____ ;ORP: ____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 59.11 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 127.20 FT.

D. Height of Water Column in casing (h = TD - SWL): 68.09 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1350

OBSERVATIONS: **Purging Start Time:** 1350

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1400	5.39	148.0	7.80	22.27	695	63.85	
	1405	5.36	138.1	7.92	24.23	736	63.48	
	1410	5.25	140.2	7.83	23.65	732	63.94	
	1415	4.98	139.2	7.84	24.17	737	63.97	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1415	1000 ml 1	—
Diss. Metals	1415	500 ml 1	HNO3
BTEX / TPH-GRO	1415	40 ml 3	HCl
TPH-DRO	1415	1000 ml 2	HCl

COMMENTS: 195 H_2

sing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 68.09 x 0.80 = -- (Total Depth of Well) 72.72

Signature: ____

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. MW0-30

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 59.25 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 77.68 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.43 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1439

OBSERVATIONS: **Purging Start Time:** 1439

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1449	5.91	143.9	7.39	22.19	1115	60.37	
	1454	5.71	144.0	7.33	22.09	1265	60.41	
	1459	5.60	142.5	7.30	21.99	1319	60.42	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1459	1000 ml 1	—
Diss. Metals	1459	500 ml 1	HNO3
BTEX / TPH-GRO	1459	40 ml 3	HCl
TPH-DRO	1459	1000 ml 2	HCl

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.43 x 0.80 = -- (Total Depth of Well) 62.93

Signature: [signature]

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/16/09 WELL NO. MW0-29

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 65.97 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 81.01 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.04 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1520

OBSERVATIONS: **Purging Start Time:** 1520

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1530	6.77	143.5	7.41	21.84	942	67.27	
	1535	6.74	147.8	7.42	21.69	945	67.27	
	1540	6.81	141.5	7.42	21.62	947	67.28	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1540	1000 mL 1	—
Diss - Metals	1540	500 mL 1	HNO3
BTEX / TPH-GRO	1540	40 mL 3	HCL
COMMENTS: TPH-DRO	1540	1000 mL 2	HCL

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.04 x 0.80 = -- (Total Depth of Well) 68.97

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. MW0-72SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: 1,413 Reading: 1,159 ;pH Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 13.86 mmHg: 9.79 DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.44 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 97.83 FT.

D. Height of Water Column in casing (h = TD - SWL): 47.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0843

OBSERVATIONS: **Purging Start Time:** 0843

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0853	3.44	205.0	7.06	19.20	1715	50.53	
	0858	2.76	202.1	7.06	19.51	1723	50.53	
	0903	2.64	199.8	7.06	19.68	1721	50.53	
	0908	2.83	197.7	7.07	19.65	1740	50.53	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0908	1000 ml 1	—
Diss. Metals	0908	500 ml 1	HNO3
BTEX / TPH-GRO	0908	40 ml 3	HCL
TPH-DRO	0908	1000 ml 2	HCL

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 47.39 x 0.80 = -- (Total Depth of Well) 59.91

Signature: _____

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. MW0-73SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.89 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 71.21 FT.

D. Height of Water Column in casing (h = TD - SWL): 23.32 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0936

OBSERVATIONS: **Purging Start Time:** 0936

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0946	1.41	165.9	7.00	20.00	1604	48.66	
	0951	1.21	156.7	7.00	20.10	1610	48.67	
	0956	1.13	151.1	7.00	20.44	1611	48.68	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0956	1000 ml 1	—
Diss. Metals	0956	500 ml 1	HNO3
BTEX / TPH-GRO	0956	40 ml 3	HCl
TPH-DRO	0956	1000 ml 2	HCl

COMMENTS: 195 H2

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 23.32 x 0.80 = -- (Total Depth of Well) 52.55

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/12/09 WELL NO. MW0-575A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.58 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 73.72 FT.

D. Height of Water Column in casing (h = TD - SWL): 28.14 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1015

OBSERVATIONS: **Purging Start Time:** 1015

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1025	5.49	152.8	7.00	19.61	1905	46.28	
	1030	5.52	148.5	7.02	19.67	1877	46.29	
	1035	5.49	146.4	7.06	19.71	1913	46.29	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1035	1000 ml 1	—
Diss. Metals	1035	500 ml 1	HNO3
BTEX / TPH-GRO	1035	40 ml 3	HCL
TPH-DRO	1035	1000 ml 2	HCL

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 28.14 x 0.80 = -- (Total Depth of Well) 51.20

Signature:

8/2008

Dup #100

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. MW0-40A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 61 °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 41.96 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 109.80 FT.

D. Height of Water Column in casing (h = TD - SWL): 67.84 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1050

OBSERVATIONS: **Purging Start Time:** 1050

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1100	4.60	132.3	7.65	20.42	672	50.55	
	1105	4.85	133.8	7.59	20.57	678	52.33	
	1110	5.23	148.9	7.50	20.74	684	53.02	
	1115	5.41	143.5	7.60	20.82	688	53.43	
	1120	5.53	149.0	7.63	20.76	722	53.64	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1120	1000 ml 1	—
Diss. Metals	1120	500 ml 1	HNO3
BTEX / TPH-GRO	1120	40 ml 3	Hcl
TPH-DRO	1120	1000 ml 2	Hcl

COMMENTS: 198 H2 DUP # 100

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 67.84 x 0.80 = -- (Total Depth of Well) 55.52

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. MW0-16A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: _____

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 38.75 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 91.36 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.61 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1250

OBSERVATIONS: **Purging Start Time:** 1250

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1300	5.06	157.7	7.32	21.59	1540	42.98	
	1305	5.04	165.5	7.32	21.73	1644	43.39	
	1310	5.13	164.7	7.27	21.76	1669	43.68	
	1315	5.19	657.1	7.35	21.75	1763	43.83	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)		Preservative
Hex Cr	1315	1000 mL	1	—
Diss. Metals	1315	500	1	HNO3
BTEX / TPH-GRO	1315	40	3	HCl
TPH-DRO	1315	1000	2	HCl

COMMENTS: 182 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.61 x 0.80 = -- (Total Depth of Well) 49.27

Signature: _____

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/17/09 WELL NO. MW0-18A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 36.29 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 84.45 FT.

D. Height of Water Column in casing (h = TD - SWL): 48.16 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1330

OBSERVATIONS: **Purging Start Time:** 1330

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1340	4.63	153.5	7.35	21.96	1397	43.46	
	1345	4.57	149.6	7.36	22.33	1438	44.00	
	1350	4.62	154.1	7.34	22.41	1449	44.23	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1350	1000 ml 1	—
Diss. Metals	1350	500 ml 1	HNO3
BTEX / TPH-GRO	1350	40 ml 3	HCl
TPH-DRO	1350	1000 ml 2	HCl

COMMENTS: 170 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 48.16 x 0.80 = -- (Total Depth of Well) 45.92

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/12/09 WELL NO. MW0-19A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 36.74 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 74.81 FT.

D. Height of Water Column in casing (h = TD - SWL): 38.07 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1457

OBSERVATIONS: **Purging Start Time:** 1457

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1507	4.98	167.2	7.13	22.31	1707	41.36	
	1512	4.95	153.2	7.26	22.47	1735	41.65	
	1517	4.89	148.7	7.18	22.61	1763	41.75	
	1522	4.86	149.3	7.19	22.58	1776	41.81	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1522	1000 mL 1	—
Diss. metals	1522	500 mL 1	HNO3
BTEX / TPH-GRO	1522	40 mL 3	HCl
TPH-DRO	1522	1000 mL 2	HCL

COMMENTS: 165 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 38.07 x 0.80 = -- (Total Depth of Well) 44.35

Signature:

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-18-09 WELL NO. MW0-23A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 51 °F

FIELD PERSONNEL: SB/JI WEATHER:

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.22 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 123.30 FT.

D. Height of Water Column in casing (h = TD - SWL): 68.08 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0901

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0911	5.01	200.4	7.77	19.29	695	60.48	
	0916	4.82	198.4	7.76	19.77	705	60.58	
	0921	4.77	196.6	7.75	19.99	705	60.41	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0921	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
COMMENTS: TPH-DRO		1000 ml 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 68.08 x 0.80 = -- (Total Depth of Well) 68.83

Signature: [signature]

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW0-14A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 52 °F

FIELD PERSONNEL: SB/JI WEATHER: Calm, sunny, clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.33 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 105.56 FT.

D. Height of Water Column in casing (h = TD - SWL): 63.23 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0950

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1000	9.21	166.	7.70	20.29	695	54.51	
	1005	4.52	177.2	7.69	20.60	700	54.57	
	1010	4.54	179.4	7.69	20.84	702	54.56	
	1015	4.56	180.1	7.69	21.05	700	54.53	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1015	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
COMMENTS: TPH-DRO		1000 ml 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 63.23 x 0.80 = – (Total Depth of Well) 54.97

Signature: [signature]

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW0-68

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 55 °F

FIELD PERSONNEL: SB/JI WEATHER: Calm, clear, sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 86.94 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 112.35 FT.

D. Height of Water Column in casing (h = TD - SWL): 55.41 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
~~1048~~ 1053	.40	62.6	~~7.22~~ 7.25	20.94	2744	67.60
~~1103~~ 1058	.31	47.4	7.14	20.91	4723	67.58
~~1108~~ 1103	.71	53.7	7.13	21.12	3503	67.58
1108	1.40	62.2	7.16	21.17	3460	67.59
1113	1.87	69.6	7.17	21.21	3480	67.59
1118	1.98	76.4	7.16	21.21	3477	67.59
1123	1.95	82.0	7.16	21.20	3533	67.59

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1123	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
COMMENTS: TPH-DRO		1000 ml 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 55.41 x 0.80 = – (Total Depth of Well) ~~[illegible]~~ 76.02

Signature: [illegible]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW0-60

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 70 °F

FIELD PERSONNEL: SB/JI WEATHER: Clear, calm, sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 56.55 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.17 FT.

D. Height of Water Column in casing (h = TD - SWL): 45.62 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1258

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	~~1258~~ 1258	.23	-143.1	7.07	22.01	5124	57.19	
	~~1313~~ 1303	.19	-147.3	7.07	22.08	5171	57.19	
	~~1318~~ 1308	.15	-147.6	7.04	22.07	5163	57.19	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1308	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
COMMENTS: TPH-DRO		1000 ml 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 45.62 x 0.80 = -- (Total Depth of Well) 65.67

Signature: Steve Bell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW0-22A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 74 °F

FIELD PERSONNEL: SB/JI WEATHER: Calm, clear, sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.09 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 123.83 FT.

D. Height of Water Column in casing (h = TD - SWL): 72.74 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1334

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1344	9.18	35.6	7.40	21.63	660	58.19	
	1349	4.76	59.3	7.38	21.57	663	58.36	
	1354	4.85	59.7	7.37	21.55	664	58.44	
	1359	4.91	64.9	7.37	21.48	663	58.48	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1359	1000 mL 1	—
Diss Metals		500 mL 1	HNO3
BTEX/TPH-GRO		40 mL 3	HCl
COMMENTS: TPH-DRO		1000 mL 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 72.74 x 0.80 = -- (Total Depth of Well) 65.63

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW0-78SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 78 °F

FIELD PERSONNEL: SB/JI WEATHER: Calm, clear, sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.47 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 78.81 FT.

D. Height of Water Column in casing (h = TD - SWL): 35.34 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1423

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1433	1.74	81.7	7.21	21.16	1277	44.55	
	1438	1.70	78.1	7.23	21.13	1283	44.56	
	1443	1.66	76.7	7.24	21.20	1296	44.56	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1443	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	Hcl
COMMENTS: TPH-DRO		1000 ml 2	Hcl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 35.34 x 0.80 = -- (Total Depth of Well) 50.53

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/18/09 WELL NO. MW0-53SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 77 °F

FIELD PERSONNEL: SB/JI WEATHER: Calm, clear, sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 41.60 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 71.40 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.80 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1504

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1514	5.14	99.2	7.28	21.54	1517	42.88	
	1519	5.15	97.9	7.29	21.49	1466	42.91	
	1524	5.11	98.4	7.29	21.59	1455	42.92	
	1529	5.11	98.5	7.29	21.41	1453	42.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1529	1000 mL 1	—
Diss. Metals		500 mL 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
		1000 mL 2	HCl

COMMENTS: TPH-DRO

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.80 x 0.80 = -- (Total Depth of Well) 47.56

Signature: [signature]

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. LOFD-WW

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 44 °F

FIELD PERSONNEL: SB/JI WEATHER: SUNNY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1,413 Reading: 1,233 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.02

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 16.06 mmHg: 9.10 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 40.61 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 70.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0847

OBSERVATIONS: **Purging Start Time:** 0847

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0857	0.22	-271.9	8.18	18.39	5039	42.75	
	0902	0.16	-259.2	7.90	18.45	5000	43.07	
	0907	0.13	-256.3	7.86	18.44	4971	43.17	
	0912	0.11	-250.3	7.79	18.40	4943	43.27	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0912	1000 ml 1	—
Diss. Metals	0912	500 ml 1	HNO3
BTEX / TPH-GRO	0912	40 ml 3	HCl
TPH-DRO	0912	1000 ml 2	HCl

COMMENTS: 173 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.39 x 0.80 = -- (Total Depth of Well) 46.48

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 01 APR 09 WELL NO. Lea WW

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 58 °F

FIELD PERSONNEL: SB/JP WEATHER: Clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 40.61 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 70.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 29.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0931

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0941	0.38	-148.4	7.16	19.12	5651	43.74	
	0946	0.20	-140.7	7.08	19.29	5827	43.93	
	0951	0.41	-130.9	7.07	19.48	5882	43.90	
	0956	0.83	-109.2	7.04	19.55	5873	43.89	
	1001	1.02	-101.0	7.05	19.56	5862	43.88	
	1006	1.20	-90.0	7.03	19.61	5854	43.88	
	1011	1.26	-92.3	7.05	19.70	5857	43.88	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1011		

COMMENTS: Re-Sample for TDS only

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 29.39 x 0.80 = -- (Total Depth of Well) 46.49

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW020A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 44 °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.85 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 83.70 FT.

D. Height of Water Column in casing (h = TD - SWL): 40.85 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0930

OBSERVATIONS: **Purging Start Time:** 0930

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0940	4.40	45.7	7.04	19.44	3678	46.69	
	0945	4.40	54.9	7.02	19.53	3825	46.94	
	0950	4.42	58.8	7.01	19.57	3806	46.99	
	0955	4.42	62.9	7.01	19.67	3797	46.99	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0955	1000 ml 1	—
Diss. metals	0955	500 ml 1	HNO3
BTEX/TPH-GRO	0955	40 ml 3	HCl
TPH-DRO	0955	1000 ml 2	HCl

COMMENTS: 184.00 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 40.85 x 0.80 = (Total Depth of Well) 51.02

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW0-20

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.67 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.06 FT.

D. Height of Water Column in casing (h = TD - SWL): 19.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1007

OBSERVATIONS: **Purging Start Time:** 1007

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1017	4.88	72.2	6.98	19.68	3226	44.65	
	1022	4.77	72.5	6.96	19.72	3334	44.69	
	1027	4.73	74.4	6.96	19.85	3374	44.72	
	1032	4.69	75.0	6.96	19.86	3399	44.74	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1032	1000 ml 1	—
Diss. Metals	1032	500 ml 1	HNO3
BTEX / TPH-GRO	1032	40 ml 3	HCl
TPH-DRO	1032	1000 ml 2	HCl

COMMENTS: 178.00Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 19.39 x 0.80 = -- (Total Depth of Well) 46.54

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW0-67SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.81 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 88.31 FT.

D. Height of Water Column in casing (h = TD - SWL): 42.50 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1050

OBSERVATIONS: **Purging Start Time:** 1050

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1100	4.28	66.8	7.16	19.19	1604	46.36	
	1105	4.24	63.5	7.16	20.03	1605	46.36	
	1110	4.22	63.4	7.15	20.09	1611	46.37	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1110	1000 ml 1	—
Diss. Metals	1110	500 ml 1	HNO3
BTEX / TPH-GRO	1110	40 ml 3	HCl
TPH-DRO	1110	1000 ml 2	HCl

COMMENTS: 195.00 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 42.50 x 0.80 = -(Total Depth of Well) 54.31

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW018

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 36.59 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 55.35 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.76 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1127

OBSERVATIONS: **Purging Start Time:** 1127

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1137	6.01	82.9	7.13	19.83	1797	37.62	
	1142	5.99	82.0	7.12	19.91	1824	37.63	
	1147	5.97	81.8	7.11	20.05	1894	37.63	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1147	1000 ml 1	—
Diss. Metals	1147	500 ml 1	HNO3
BTEX / TPH-GRO	1147	40 ml 3	HCl
TPH-DRO	1147	1000 ml 2	HCl

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.76 x 0.80 = -- (Total Depth of Well) 40.34

Signature:

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW0-15

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 39.11 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 54.10 FT.

D. Height of Water Column in casing (h = TD - SWL): 14.99 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1309

OBSERVATIONS: **Purging Start Time:** 1309

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1319	5.32	116.3	6.82	20.24	6272	40.44	
	1324	5.30	111.7	6.80	20.21	6451	40.45	
	1329	5.27	110.9	6.79	20.29	6571	40.47	
	1334	5.24	111.3	6.79	20.25	6606	40.47	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1334	1000 ml 1	—
Diss. Metals	1334	500 ml 1	HNO3
BTEX / TPH-GRO	1334	40 ml 3	HCl
COMMENTS: TPH-DRO	1334	1000 ml 2	HCl

195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 14.99 x 0.80 = -- (Total Depth of Well) 42.10

Signature: _____

8/2008

Dup# 101

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW015A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: _____ Reading: _____ ;**pH** Standard: 7 Reading _____ ;Standard 4 Reading: _____

Standard 10 Reading: _____ ; **ORP:** Standard: _____ Reading: _____ ; **DO:** T°C: _____ mmHg: _____ DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 39.05 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 109.12 FT.

D. Height of Water Column in casing (h = TD - SWL): 70.07 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1346

OBSERVATIONS: **Purging Start Time:** 1346

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1356	3.11	114.3	7.01	21.27	5407	45.00	
	1401	2.96	115.4	7.01	21.99	5511	45.05	
	1406	2.87	118.0	7.01	22.70	5604	45.07	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1406	1000 ml 1	—
Diss. Metals	1406	500 ml 1	HNO3
BTEX / TPH-GRO	1406	40 ml 3	Hcl
TPH-DRO	1406	1000 ml 2	Hcl

COMMENTS: 160 Hz Dup #101

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 70.07 x 0.80 = -- (Total Depth of Well) 53.06

Signature: _____

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW 025

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) **QED** Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.12 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.72 FT.

D. Height of Water Column in casing (h = TD - SWL): 11.60 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1426

OBSERVATIONS: **Purging Start Time:** 1426

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1436	1.58	115.9	6.83	21.37	2243	52.01	
	1441	1.55	112.7	6.80	21.44	2381	52.03	
	1446	1.21	105.5	6.84	21.52	2443	52.03	
	1451	1.10	102.1	6.83	21.53	2479	52.03	
	1456	1.10	107.3	6.76	21.50	2460	52.03	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1456	1000 ml 1	—
Diss. Metals	1456	500 ml 1	HNO3
BTEX / TPH-GRO	1456	40 ml 3	Hcl
TPH-DRO	1456	1000 ml 2	Hcl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to:**

Original Water Column: 11.60 x 0.80 = -- (Total Depth of Well) 53.44

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/19/09 WELL NO. MW028

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 70.70 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 85.09 FT.

D. Height of Water Column in casing (h = TD - SWL): 14.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1520

OBSERVATIONS: **Purging Start Time:** 1520

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1530	3.75	121.9	7.41	22.51	1980	71.98	
	1535	2.98	116.9	7.42	23.27	2148	72.06	
	1540	2.28	110.0	7.47	23.49	2219	72.06	
	1545	1.87	103.3	7.44	23.48	2237	72.08	
	1550	1.98	100.9	7.46	23.49	2200	72.12	
	1555	1.78	96.1	7.44	23.50	2240	72.14	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1555	1000 ml 1	—
Diss. Metals	1555	500 ml 1	HNO3
BTEX / TPH-GRO	1555	40 ml 3	HCl
TPHDRO	1555	1000 ml 2	HCl

COMMENTS: 197 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 14.39 x 0.80 = -- (Total Depth of Well) 73.57

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW045

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1,413 Reading: 1,252 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.01

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 15.61 mmHg: 8.93 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.16 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.29 FT.

D. Height of Water Column in casing (h = TD - SWL): 20.13 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0906

OBSERVATIONS: **Purging Start Time:** 0906

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0916	1.03	-0.1	6.70	20.17	1739	47.22	
	0921	0.49	-16.0	6.68	20.35	1752	47.25	
	0926	0.33	-22.8	6.71	20.45	1787	47.27	
	0931	0.25	-22.9	6.70	20.42	1809	47.27	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0931	1000 ml 1	—
Diss. Metals	0931	500 ml 1	HNO3
BTEX / TPH-GRO	0931	40 ml 3	HCL
TPH-DRO	0931	1000 ml 2	HCL

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 20.13 x 0.80 = -(Total Depth of Well) 50.18

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW035

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.45 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 65.36 FT.

D. Height of Water Column in casing (h = TD - SWL): 16.91 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0945

OBSERVATIONS: **Purging Start Time:** 0945

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0955	0.78	94.1	6.65	20.69	1791	49.47	
	1000	0.68	120.1	6.55	20.71	1803	49.47	
	1005	0.58	135.4	6.55	20.76	1803	49.49	
	1010	0.51	125.7	6.62	20.74	1810	49.50	
	1015	0.50	129.9	6.62	20.78	1805	49.50	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1015	1000 ml 1	—
Diss. Metals	1015	500 ml 1	HNO3
BTEX / TPH-GRO	1015	40 ml 3	Hcl
TPH-DRO	1015	1000 ml 2	Hcl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 16.91 x 0.80 = (Total Depth of Well) 51.83

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW 043

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: SUNNY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.85 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 67.58 FT.

D. Height of Water Column in casing (h = TD - SWL): 21.73 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1029

OBSERVATIONS: **Purging Start Time:** 1029

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1039	0.36	127.7	6.78	20.08	1889	46.83	
	1044	0.29	57.3	7.01	20.09	2020	46.84	
	1049	0.21	47.3	7.00	20.15	2060	46.85	
	1054	0.17	44.9	7.01	20.17	2082	46.85	
	1059	0.14	45.3	7.00	20.24	2108	46.85	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1059	1000 ml 1	—
Diss. Metals	1059	500 ml 1	HNO3
BTEX / TPH-GRO	1059	40 ml 3	HCl
TPH-DRO	1059	1000 ml 2	HCl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 21.73 x 0.80 = – (Total Depth of Well) 50.19

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW 031

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 59.86 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 77.02 FT.

D. Height of Water Column in casing (h = TD - SWL): 17.16 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1120

OBSERVATIONS: **Purging Start Time:** 1120

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1130	0.50	-9.9	6.97	20.53	1029	60.57	
	1135	0.33	-48.7	7.02	20.72	1017	60.57	
	1140	0.19	-67.9	7.02	20.70	1015	60.58	
	1145	0.13	-78.8	7.05	20.76	1009	60.58	
	1150	0.10	-81.3	7.05	20.74	1009	60.59	
	1155	0.08	-80.2	7.06	20.81	1008	60.59	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1155	1000 ml 1	—
Diss. Metals	1155	500 ml 1	HNO3
BTEX / TPH-GRO	1155	40 ml 3	Hcl
TPH-DRO	1155	1000 ml 2	Hcl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 17.16 x 0.80 = -- (Total Depth of Well) 63.29

Signature: [signature]

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW 021 A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.28 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 87.74 FT.

D. Height of Water Column in casing (h = TD - SWL): 41.46 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1313

OBSERVATIONS: **Purging Start Time:** 1313

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1323	0.51	115.0	6.70	21.06	13,298	50.52	
	1328	0.40	109.6	6.66	21.24	15,543	50.59	
	1333	0.37	107.8	6.65	21.35	16,244	50.64	
	1338	0.33	107.3	6.65	21.47	16,819	50.67	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1338	1000 ml 1	—
Diss. Metals	1338	500 ml 1	HNO3
BTEX / TPH-GRO	1338	40 ml 3	Hcl
TPH-DRO	1338	1000 ml 2	Hcl

COMMENTS: 170 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 41.46 x 0.80 = -- (Total Depth of Well) 54.57

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW021

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.60 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.20 FT.

D. Height of Water Column in casing (h = TD - SWL): 16.60 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1351

OBSERVATIONS: **Purging Start Time:** 1351

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1401	0.51	104.5	7.01	21.05	1551	46.41	
	1406	0.35	102.7	7.01	21.13	1778	46.42	
	1411	0.28	102.5	7.01	21.17	1934	46.43	
	1416	0.29	101.8	7.02	21.14	2014	46.44	
	1421	0.22	103.7	6.99	21.20	2093	46.44	
	1426	0.17	102.9	7.02	21.21	2135	46.44	
	1431	0.15	103.7	7.01	21.23	2155	46.44	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)			Preservative
Hex Cr	1431	1000	ml	1	—
Diss. Metals	1431	500	ml	1	HNO3
BTEX / TPH-GRO	1431	40	ml	3	HCL
TPH-DRO	1431	1000	ml	2	HCL

COMMENTS: 170 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 16.60 x 0.80 = -- (Total Depth of Well) 48.92

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. Woodell WW

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: _____ Reading: _____ ;pH Standard: 7 Reading _____ ;Standard 4 Reading: _____

Standard 10 Reading: _____ ; **ORP:** Standard: _____ Reading: _____ ; **DO:** T°C: _____ mmHg: _____ DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: _____ FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: _____

OBSERVATIONS: **Purging Start Time:** _____

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1445	1000 ml 1	—
Diss. Metals	1445	500 ml 1	HNO3
BTEX / TPH-GRO	1445	40 ml 3	HCl
TPH-DRO	1445	1000 ml 2	HCl

COMMENTS: Pumping Well No Parameters

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: _____ x 0.80 = _____ (Total Depth of Well)

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/24/09 WELL NO. MW071SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.92 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 95.72 FT.

D. Height of Water Column in casing (h = TD - SWL): 45.80 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1503

OBSERVATIONS: **Purging Start Time:** 1503

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1513	0.40	101.1	6.62	20.70	3731	49.99	
	1518	0.26	99.9	6.71	20.68	3802	49.99	
	1523	0.18	106.2	6.70	20.72	3856	49.99	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1523	1000 ml 1	—
Diss. Metals	1523	500 ml 1	HNO3
BTEX / TPH-GRO	1523	40 ml 3	Hcl
TPH-DRO	1523	1000 ml 2	Hcl

COMMENTS: 200 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 45.80 x 0.80 = --(Total Depth of Well) 59.08

Signature: [signature]

8/2008

Dup #102

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW024

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 48 °F

FIELD PERSONNEL: SB/JI WEATHER: Cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 06F1362 AB

Spec. Conductivity: Standard: 1.413 Reading: 1.221 ;pH Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 13.50 mmHg: 9.21 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.69 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 89.16 FT.

D. Height of Water Column in casing (h = TD - SWL): 37.47 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0845

OBSERVATIONS: **Purging Start Time:** 0845

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0855	1.48	219.5	6.95	19.58	2640	52.18	
	0900	1.27	215.7	6.95	19.61	2658	52.20	
	0905	1.07	212.0	6.93	19.51	2658	52.23	
	0910	0.85	207.5	6.93	19.64	2669	52.23	
	0915	0.66	204.2	6.93	19.65	2674	52.25	
	0920	0.50	200.2	6.93	19.70	2682	52.25	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0920	1000 ml 1	—
Diss. Metals	0920	500 ml 1	HNO3
BTEX / TPH-GRO	0920	40 ml 3	HCl
TPH-DRO	0920	1000 ml 2	HCl

COMMENTS: Dup #102 205 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 37.47 x 0.80 = – (Total Depth of Well) 59.18

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW024A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 48 °F

FIELD PERSONNEL: SB/JI WEATHER: cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.15 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 101.48 FT.

D. Height of Water Column in casing (h = TD - SWL): 50.33 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0935

OBSERVATIONS: **Purging Start Time:** 0935

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0945	3.96	189.9	7.26	18.55	2135	54.38	
	0950	3.92	188.3	7.26	19.44	2180	54.83	
	0955	3.81	186.7	7.27	19.67	2145	54.94	
	1000	3.91	186.1	7.28	19.65	2111	54.97	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1000	1000 ml 1	—
Diss. Metals	1000	500 ml 1	HNO3
BTEX / TPH-GRO	1000	40 ml 3	HCl
COMMENTS: TPH-DRO	1000	1000 ml 2	HCl

175 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 50.33 x 0.80 = – (Total Depth of Well) 61.21

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW050SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 58 °F

FIELD PERSONNEL: SB/JI WEATHER: cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.78 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 83.78 FT.

D. Height of Water Column in casing (h = TD - SWL): 39.00 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1015

OBSERVATIONS: **Purging Start Time:** 1015

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1025	0.68	191.6	6.89	19.62	5271	46.00	
	1030	0.72	179.9	6.90	19.71	5362	46.02	
	1035	0.64	168.5	6.89	19.75	5541	46.03	
	1040	0.60	159.6	6.90	19.70	5648	46.04	
	1045	0.59	152.2	6.87	19.71	5730	46.05	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1045	1000 ml 1	—
Diss. Metals	1045	500 ml 1	HNO3
BTEX / TPH-GRO	1045	40 ml 3	HCl
TPH-DRO	1045	1000 ml 2	HCl

COMMENTS:

190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 39.00 x 0.80 = (Total Depth of Well) 52.58

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW 034

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 58 °F

FIELD PERSONNEL: SB/JI WEATHER: cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 41.86 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 65.25 FT.

D. Height of Water Column in casing (h = TD - SWL): 23.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1058

OBSERVATIONS: **Purging Start Time:** 1058

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1108	3.23	133.8	7.11	20.16	2073	42.77	
	1113	3.16	134.7	7.02	20.31	2082	42.78	
	1118	3.14	129.1	7.06	20.36	2087	42.78	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1118	1000 ml 1	—
Diss. Metals	1118	500 ml 1	HNO3
BTEX / TPH-GRO	1118	40 ml 3	HCl
TPH-DRO	1118	1000 ml 2	HCl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 23.39 x 0.80 = -- (Total Depth of Well) 46.53

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW056SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.92 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 56.80 FT.

D. Height of Water Column in casing (h = TD - SWL): 11.88 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1304

OBSERVATIONS: **Purging Start Time:** 1304

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1314	2.73	189.9	6.99	21.33	5755	46.74	
	1319	2.55	157.7	7.09	21.53	5840	46.76	
	1324	2.56	161.5	6.97	21.33	5828	46.77	
	1329	2.49	152.4	7.00	21.37	5827	46.78	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1329	1000 ml 1	—
Diss. Metals	1329	500 ml 1	HNO3
BTEX / TPH-GRO	1329	40 ml 3	HCl
TPH-DRO	1329	1000 ml 2	HCl

COMMENTS: 170.5 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 11.88 x 0.80 = -- (Total Depth of Well) 47.29

Signature: ____

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW065SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Partly cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: _____ Reading: _____ ;**pH** Standard: 7 Reading _____ ;Standard 4 Reading: _____

Standard 10 Reading: _____ ; **ORP:** Standard: _____ Reading: _____ ; **DO:** T°C: _____ mmHg: _____ DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.52 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 85.71 FT.

D. Height of Water Column in casing (h = TD - SWL): 34.19 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1345

OBSERVATIONS: **Purging Start Time:** 1345

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1355	6.49	147.6	7.03	20.76	4159	52.11	
	1400	6.45	142.9	7.09	20.83	4175	52.13	
	1405	6.53	134.6	7.06	20.84	4170	52.14	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1405	1000 ml 1	—
Diss. Metals	1405	500 ml 1	HNO3
BTEX / TPH-GRO	1405	40 ml 3	HCl
TPH-DRO	1405	1000 ml 2	HCl

COMMENTS: 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 34.19 x 0.80 = -- (Total Depth of Well) 58.35

Signature: _____

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW077SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Partly cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.71 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 98.45 FT.

D. Height of Water Column in casing (h = TD - SWL): 47.74 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1419

OBSERVATIONS: **Purging Start Time:** 1419

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1429	2.52	136.1	6.92	20.55	4791	50.62	
	1434	2.51	128.7	6.92	20.60	4788	50.62	
	1439	2.48	124.7	6.92	20.66	4808	50.62	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1439	1000 ml 1	—
Diss. Metals	1439	500 ml 1	HNO3
BTEX / TPH-GRO	1439	40 ml 3	HCl
TPH-DRO	1439	1000 ml 2	HCl

COMMENTS: 200 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 47.74 x 0.80 = (Total Depth of Well) 60.25

Signature: _____

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/25/09 WELL NO. MW086 SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.91 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 97.80 FT.

D. Height of Water Column in casing (h = TD - SWL): 46.89 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1452

OBSERVATIONS: **Purging Start Time:** 1452

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1502	1.99	130.5	6.81	20.72	5508	50.84	
	1507	1.99	126.3	6.81	20.73	5494	50.84	
	1512	1.95	121.4	6.84	20.70	5463	50.84	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1512	1000 ml 1	—
Diss. Metals	1512	500 ml 1	HNO3
BTEX / TPH-GRO	1512	40 ml 3	Hcl
TPH-DRO	1512	1000 ml 2	Hcl

COMMENTS: 200 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 46.89 x 0.80 = – (Total Depth of Well) 60.28

Signature: [signature]

8/2008

Dup# 103

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW055SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 06F1362 AB

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: 1212 ;pH 7: 7.06 ;pH 4: 4.01 ;pH: 10 9.99 ;ORP: 240

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 40.79 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 54.70 FT.

D. Height of Water Column in casing (h = TD - SWL): 13.91 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0907

OBSERVATIONS: **Purging Start Time:** 0907

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0917	4.39	169.4	7.09	19.35	2508	42.69	
	0922	4.29	171.1	7.07	19.73	2662	42.84	
	0927	4.28	171.9	7.08	20.06	2706	42.94	
	0932	4.26	172.3	7.08	20.21	2725	43.01	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0932	1000 ml 1	—
Diss. Metals	0932	500 ml 1	HNO3
BTEX / TPH-GRO	0932	40 ml 3	HCl
TPH-DRO	0932	1000 ml 2	HCl

COMMENTS: 160 Hz Dup # 103

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 13.91 x 0.80 = -- (Total Depth of Well) 43.57

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW066SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.00 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 72.02 FT.

D. Height of Water Column in casing (h = TD - SWL): 23.02 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0947

OBSERVATIONS: **Purging Start Time:** 0947

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0957	0.32	174.2	6.71	20.37	4375	50.03	
	1002	0.26	116.7	6.73	20.43	4395	50.06	
	1007	0.20	90.7	6.73	20.49	4408	50.08	
	1012	0.14	77.0	6.73	20.50	4407	50.09	
	1017	0.11	66.8	6.72	20.52	4408	50.10	
	1022	0.09	60.0	6.73	20.58	4418	50.10	
	1027	0.08	54.7	6.73	20.58	4417	50.10	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1027	1000 ml 1	—
Diss. Metals	1027	500 ml 1	HNO3
BTEX / TPH-GRO	1027	40 ml 3	HCl
TPH-DRO	1027	1000 mL 2	HCl

COMMENTS: 190 H_2

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 23.02 x 0.80 = ___ (Total Depth of Well) 53.60

Signature: ____

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW052SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 :ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.54 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.15 FT.

D. Height of Water Column in casing (h = TD - SWL): 23.61 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1044

OBSERVATIONS: **Purging Start Time:** 1044

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1054	1.54	114.7	6.80	20.70	5548	46.67	
	1059	1.37	115.4	6.79	20.67	5686	46.71	
	1104	1.21	115.5	6.79	20.73	5820	46.73	
	1109	1.14	115.6	6.79	20.73	5904	46.73	
	1114							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1109	1000 ml 1	—
Diss. Metals	1109	500 ml 1	HNO3
BTEX / TPH-GRO	1109	40 ml 3	Hcl
TPH-DRO	1109	1000 ml 2	Hcl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 23.61 x 0.80 = -- (Total Depth of Well) 49.26

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW054SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: ____ Reading: ____ ;**pH** Standard: 7 Reading ____ ;Standard 4 Reading: ____

Standard 10 Reading: ____ ; **ORP:** Standard: ____ Reading: ____ ; **DO:** T°C: ____ mmHg: ____ DO Conc.: ____

End-of-Day Recheck: Spec.Cond: ____ ;pH 7: ____ ;pH 4: ____ ;pH: 10 ____ ;ORP: ____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.74 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 61.90 FT.

D. Height of Water Column in casing (h = TD - SWL): 17.16 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1124

OBSERVATIONS: **Purging Start Time:** 1124

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1134	4.40	129.7	7.05	20.74	3275	46.12	
	1139	4.14	129.1	7.03	20.77	3413	46.16	
	1144	4.03	127.6	7.02	20.74	3531	46.19	
	1149	3.91	126.8	7.01	20.78	3630	46.21	
	1154	3.87	125.7	7.01	20.82	3677	46.24	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1154	1000 ml 1	—
Diss. Metals	1154	500 ml 1	HNO3
BTEX / TPH-GRO	1154	40 ml 3	HCl
TPH-DRO	1154	1000 ml 2	HCl

COMMENTS: 185 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 17.16 x 0.80 = -- (Total Depth of Well) 48.17

Signature: ____

8/2008

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GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW049SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.95 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 88.12 FT.

D. Height of Water Column in casing (h = TD - SWL): 40.17 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1318

OBSERVATIONS: **Purging Start Time:** 1318

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1328	0.50	132.9	6.86	21.02	6750	48.79	
	1333	0.47	122.7	6.86	21.05	6737	48.80	
	1338	0.42	114.3	6.86	20.99	6753	48.81	
	1343	0.42	109.1	6.86	21.01	6749	48.83	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1343	1000 mL 1	—
Diss. Metals	1343	500 mL 1	HNO3
BTEX/TPH-GRO	1343	40 mL 3	HCl
TPH-DRO	1343	1000 mL 2	HCl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 40.17 x 0.80 = ___ (Total Depth of Well) 55.98

Signature: ____

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW 048SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.02 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 88.42 FT.

D. Height of Water Column in casing (h = TD - SWL): 43.40 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1357

OBSERVATIONS: **Purging Start Time:** 1357

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1407	5.20	112.8	7.12	21.03	2572	45.90	
	1412	5.17	110.1	7.13	21.00	2573	45.92	
	1417	5.18	110.3	7.13	21.00	2582	45.93	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1417	1000 ml 1	—
Diss. Metals	1417	500 ml 1	HNO3
BTEX / TPH-GRO	1417	40 ml 3	Hcl
TPH-DRO	1417	1000 ml 2	Hcl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 43.40 x 0.80 = – (Total Depth of Well) 53.70

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/26/09 WELL NO. MW 010

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: ____

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 39.16 FT.

B. Thickness of Free Product, if present: ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 64.64 FT.

D. Height of Water Column in casing (h = TD - SWL): 25.48 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1432

OBSERVATIONS: **Purging Start Time:** 1432

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1442	4.36	126.8	6.69	21.23	7828	39.91	
	1447	4.31	115.8	6.70	21.24	7750	39.91	
	1452	4.31	108.1	6.71	21.21	7744	39.92	
	1457	4.31	108.5	6.70	21.21	7776	39.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1457	1000 mL 1	—
Diss. Metals	1457	500 mL 1	HNO3
BTEX / TPH-GRO	1457	40 mL 3	HCl
TPH-DRO	1457	1000 mL 2	HCl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 25.48 x 0.80 = -- (Total Depth of Well) 44.25

Signature: ____

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

Dup #104

PROJECT NO.: 212201135 DATE: 3/30/09 WELL NO. MW013A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 60 °F

FIELD PERSONNEL: SB/~~[illegible]~~ AP WEATHER: Clear, Sunny, Low wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1413 Reading: 1152 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 17.26 mmHg: 676.5 DO Conc.: 8.70

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.05 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 106.10 FT.

D. Height of Water Column in casing (h = TD - SWL): 63.05 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0930

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0940	5.65	166.1	7.41	20.25	788	53.03	
	0945	5.75	164.0	7.47	20.39	777	54.33	
	0950	5.75	162.2	7.50	20.48	772	55.00	
	0955	5.75	158.2	7.53	20.64	774	55.38	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	09:55	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	Hcl
		1000 ml 2	Hcl

COMMENTS: TPH-DRO

Dup #104

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 63.05 x 0.80 = (Total Depth of Well) 55.66

Signature: [illegible]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3-30-09 WELL NO. MW014

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 71 °F

FIELD PERSONNEL: SB/JP WEATHER: Clear, Sunny, Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: /mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.69 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 60.88 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.19 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1043	0.60	164.2	6.90	20.99	5506	43.45	
	1048	0.36	157.0	6.89	21.09	5642	43.46	
	1053	0.28	149.0	6.89	21.10	5752	43.47	
	1058	0.23	142.8	6.87	21.09	5782	43.49	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1058	1000 ml 1	
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.19 x 0.80 = (Total Depth of Well) 46.32

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 30MAR09 WELL NO. MW032

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 75 °F

FIELD PERSONNEL: SB/JI WEATHER: CLEAR

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 :ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 60.82 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.80 FT.

D. Height of Water Column in casing (h = TD - SWL): 7.98 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	[redacted]							
	[redacted]							
	[redacted]							
	1148	6.45	149.1	7.27	25.14	1485	62.96	
	1153	5.29	144.7	7.20	24.99	1655	63.34	
	1158	5.22	141.9	7.20	24.62	1713	63.12	
	1203	5.42	139.9	7.20	23.76	1811	63.04	
	1208	5.40	136.4	7.19	23.63	1803	62.98	
	1213	5.47	136.7	7.20	23.7	1800	62.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1213	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
COMMENTS: TPH-DRO		1000 ml 2	HCl

sing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 7.98 x 0.80 = -- (Total Depth of Well) 62.41

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 30MAY09 WELL NO. MW004A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 80 °F

FIELD PERSONNEL: SB/JI WEATHER: WINDY Gust W 10-30mph

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.54 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.70 FT.

D. Height of Water Column in casing (h = TD - SWL): 59.16 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1408	2.80	155.3	7.38	23.50	2267	56.23
1413	2.69	154.1	7.37	23.92	2285	56.30
1418	2.88	154.0	7.30	24.73	2486	56.43
1423	3.50	151.6	7.23	24.83	2630	56.08
1428	3.46	148.1	7.23	25.03	2632	55.85
1433	3.88	144.5	7.24	25.03	2613	55.77
1438	3.94	142.2	7.24	24.99	2585	55.72
1443	3.94	140.1	7.23	25.01	2579	55.70

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1443	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	Hcl
TPH-DRO		1000 ml 2	Hcl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 59.16 x 0.80 = (Total Depth of Well) 56.37

Signature: Steve Bell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

DUP #105

PROJECT NO.: 212201135 DATE: 5/14/2009 WELL NO. MW002A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 57 °F

FIELD PERSONNEL: SB/JP WEATHER: CLEAR

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1413 Reading: 1009 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 13.5 / mmHg: 683.4 DO Conc.: 9.68

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.89 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.28 FT.

D. Height of Water Column in casing (h = TD - SWL): 51.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 0900

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0910	0.25	171.8	6.34	20.46	4407	55.43	
	0915	0.20	154.2	6.89	20.39	3989	55.58	
	0920	0.15	145.3	6.88	20.62	4167	55.85	
	0925	0.15	138.4	6.85	20.81	4263	55.89	
	0930	0.16	132.0	6.86	20.99	4308	55.71	
	0935	0.18	127.1	6.85	21.08	4309	55.73	
	0940	0.20	119.7	6.86	21.14	4288	55.75	
	0945	0.21	117.5	6.86	21.18	4270	55.76	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0945	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS: DUP #105

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 51.39 x 0.80 = -(Total Depth of Well) 62.16

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 31MAR09 WELL NO. MW002

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: SB/JP WEATHER: CLOUDY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.94 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.59 FT.

D. Height of Water Column in casing (h = TD - SWL): 16.65 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1016

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1016	2.35	114.3	6.68	20.89	4430	52.86	
	1021	2.23	104.6	6.71	21.10	4485	52.88	
	1026	2.19	104.7	6.71	21.18	4439	52.88	
	1031	2.19	105.2	6.72	21.47	4430	52.89	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1031	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 16.65 x 0.80 = -- (Total Depth of Well) 55.27

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 31MAR09 WELL NO. MW046A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: SB/JI WEATHER: CLEAR

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.78 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 107.72 FT.

D. Height of Water Column in casing (h = TD - SWL): 60.94 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1050

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1100	1.09	134.9	6.68	21.35	3044	49.60	
	1105	0.80	120.9	6.69	21.51	3046	49.68	
	1110	0.81	118.7	6.68	21.56	3096	49.74	
	1115	0.81	124.8	6.67	21.56	3151	49.78	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1115	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
		1000 ml 2	HCl

COMMENTS: TPH-DRO

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 60.94 x 0.80 = -- (Total Depth of Well) 58.96

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 31MAR09 WELL NO. MW042A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: SB/JI WEATHER: CLEAR

EQUIPMENT CALIBRATION: (YSI) **QED** Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.15 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 99.10 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.95 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1241

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1251	0.38	129.4	6.77	21.30	9809	54.71	
	1256	0.30	118.9	6.76	21.52	10015	54.72	
	1301	0.36	106.1	6.75	21.87	10299	54.80	
	1306	0.35	98.5	6.75	21.78	10175	54.83	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
HexCr	1306	1000 ml - 1	—
Diss metals		500 ml - 1	HNO_3
BTEX/TPH-GRO		40 ml - 3	HCl
TPH-DRO		1000 ml - 2	HCl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.95 x 0.80 = -(Total Depth of Well) 56.74

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/MAR/2009 WELL NO. MW059

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 68 °F

FIELD PERSONNEL: SB/JI WEATHER: CLOUDY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 61.33 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 106.41 FT.

D. Height of Water Column in casing (h = TD - SWL): 45.08 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1329

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1339	4.23	108.2	6.89	20.95	4958	61.62	
	1344	4.01	104.8	6.94	20.98	4640	61.63	
	1349	3.27	100.4	6.98	21.03	4115	61.64	
	1354	3.04	97.0	7.02	21.10	3617	61.64	
	1359	3.20	96.2	7.07	21.22	3201	61.64	
	1404	3.19	98.5	7.08	21.15	3003	61.64	
	1409	3.48	99.5	7.09	21.20	2897	61.65	
	1414	3.77	101.5	7.09	21.14	2847	61.65	
	1419	3.92	103.1	7.09	21.25	2846	61.65	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1419	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 45.08 x 0.80 = -- (Total Depth of Well) 70.34

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 31 MAR 09 WELL NO. MW023

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 70 °F

FIELD PERSONNEL: SB/JI WEATHER: CLEAR

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.55 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 69.11 FT.

D. Height of Water Column in casing (h = TD - SWL): 13.56 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1450

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1450	6.46	137.1	6.75	20.70	4466	56.89	
	1455	6.76	134.6	6.74	20.71	4556	56.93	
	1500	6.74	134.5	6.74	20.76	4577	56.93	
	1505							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1500	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 13.56 x 0.80 = – (Total Depth of Well) 58.26

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 31MAR09 WELL NO. MW004

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 70 °F

FIELD PERSONNEL: SB/JI WEATHER: CLOUDY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 :ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.33 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.50 FT.

D. Height of Water Column in casing (h = TD - SWL): 22.17 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1520

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1530	1.65	141.3	6.57	21.36	5139	44.91	
	1535	1.11	136.2	6.53	21.39	4795	44.92	
	1540	1.05	133.4	6.53	21.42	4706	44.93	
	1545	1.03	131.6	6.53	21.42	4655	44.93	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1545	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	Hcl
TPH-DRO		1000 ml 2	Hcl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 22.17 x 0.80 = (Total Depth of Well) 48.76

Signature: Steve Bell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 01 APR 2009 WELL NO. MW013

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 65 °F

FIELD PERSONNEL: SB/JP WEATHER: CLEAR

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1413 Reading: 1069 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 246 Reading: 240 ; **DO:** T°C: 17.63 mmHg: 676.9 DO Conc.: 8.78

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.19 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 60.13 FT.

D. Height of Water Column in casing (h = TD - SWL): 16.94 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1031

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1041	5.23	0.7	7.06	20.60	4249	43.54	
	1046	5.23	10.4	7.04	20.73	4270	43.54	
	1051	5.22	21.5	7.02	20.74	4265	43.55	
	1056	5.16	29.0	7.01	20.80	4268	43.55	
	1101	5.16	42.0	6.98	20.81	4292	43.55	
	1106	5.22	40.0	7.00	20.86	4290	43.55	
	1111	5.25	46.3	6.99	20.83	4286	43.55	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1111	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
COMMENTS: TPH-DRO		1000 ml 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 16.94 x 0.80 = -- (Total Depth of Well) 46.57

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 01 APR 09 WELL NO. MW033

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 72 °F

FIELD PERSONNEL: SB/JP WEATHER: CLOUDY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.19 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 63.02 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.83 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1217

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1227	0.53	-235.0	7.10	22.02	3036	48.92	
	1232	0.36	-250.6	7.10	22.03	3057	48.84	
	1237	0.27	-259.2	7.10	22.06	3100	48.86	
	1242	0.24	-261.8	7.11	22.05	3121	48.88	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1242	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.83 x 0.80 = (Total Depth of Well) 50.35

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 01 APR 09 WELL NO. MW 061

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 74 °F

FIELD PERSONNEL: SB/JP WEATHER: CLEAR

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 58.59 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 110.69 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.10 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1302

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1312	1.56	-15.6	7.09	22.30	5424	58.62	
	1317	1.20	-0.1	7.05	22.27	5484	58.62	
	1322	0.88	8.3	7.04	22.42	5510	58.63	
	1327	0.74	15.7	7.05	22.41	5409	58.63	
	1332	0.91	23.9	7.07	22.30	5097	58.63	
	1337	2.45	67.9	7.11	22.48	4554	58.63	
	1342	2.01	51.6	7.14	22.49	4319	58.63	
	1347	1.41	46.1	7.14	22.46	4180	58.64	
	1352	1.13	43.1	7.14	22.44	4082	58.64	
	1357	1.05	41.1	7.13	22.49	4036	58.64	
	1402	1.10	40.6	7.12	22.50	4013	58.64	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1402	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX/TPH-GRO		40 ml 3	HCl
COMMENTS: TPH-DRO		1000 ml 2	HCl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.10 x 0.80 = -- (Total Depth of Well) 69.01

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 01APR09 WELL NO. MW041A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 75 °F

FIELD PERSONNEL: SB/JP WEATHER: CLOUDY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 41.70 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 91.08 FT.

D. Height of Water Column in casing (h = TD - SWL): 49.38 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1426

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1436	3.56	47.7	7.11	22.67	26.32	49.62	
	1441	3.30	42.8	7.10	23.48	2690	49.65	
	1446	3.00	42.3	7.10	23.70	2709	49.69	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1446	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX/TPH-GRO		40 ml 3	Hcl
COMMENTS: TPH-DRO		1000 ml 2	Hcl

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 49.38 x 0.80 = (Total Depth of Well) 51.57

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/2/09 WELL NO. MW051SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / very windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1.413 Reading: 1.095 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 14.02 mmHg: 9.22 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.48 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 69.05 FT.

D. Height of Water Column in casing (h = TD - SWL): 25.57 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 0929

OBSERVATIONS: **Purging Start Time:** 0929

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0939	1.41	209.8	6.88	19.03	4097	45.82	
	0944	1.23	204.6	6.88	19.14	4098	45.87	
	0949	1.15	200.4	6.88	19.30	4123	45.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	0949	1000 ml 1	—
Diss. Metals	0949	500 ml 1	HNO3
BTEX / TPH-GRO	0949	40 ml 3	Hcl
TPH-DRO	0949	1000 ml 2	Hcl

COMMENTS: 1FS H2

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 25.57 x 0.80 = -- (Total Depth of Well) 48.59

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/2/09 WELL NO. MW062A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / very Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.39 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 110.71 FT.

D. Height of Water Column in casing (h = TD - SWL): 55.32 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1019

OBSERVATIONS: **Purging Start Time:** 1019

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1029	5.13	150.6	7.21	16.71	583	56.53	
	1034	4.99	151.3	7.70	17.02	587	56.59	
	1039	4.80	151.0	7.69	17.59	595	57.04	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1039	1000 ml 1	—
Diss. Metals	1039	500 ml 1	HNO3
BTEX / TPH-GRO	1039	40 ml 3	Hcl
TPH-DRO	1039	1000 ml 2	Hcl

COMMENTS: 175 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 55.32 x 0.80 = -- (Total Depth of Well) 66.45

Signature: _____

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/2/09 WELL NO. MW063A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 56.02 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 108.56 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.54 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1100

OBSERVATIONS: **Purging Start Time:** 1100

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1110	4.12	144.7	7.61	20.24	622	58.91	
	1115	3.96	144.1	7.60	20.95	632	59.34	
	1120	3.90	144.3	7.60	21.33	638	59.53	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1120	1000 ml 1	—
Diss. Metals	1120	500 ml 1	HNO3
BTEX / TPH-GRO	1120	40 ml 3	Hcl
TPH-DRO	1120	1000 ml 2	Hcl

COMMENTS: 180 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.54 x 0.80 = -- (Total Depth of Well) 66.52

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/2/09 WELL NO. MW039A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.14 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 119.23 FT.

D. Height of Water Column in casing (h = TD - SWL): 64.09 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1230

OBSERVATIONS: **Purging Start Time:** 1230

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1240	3.70	167.0	7.38	20.94	2406	58.70	
	1245	3.59	164.7	7.37	21.43	2372	59.07	
	1250	3.45	164.3	7.37	21.61	2338	59.20	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1250	1000 ml 1	—
Diss. Metals	1250	500 ml 1	HNO3
BTEX / TPH-GRO	1250	40 ml 3	Hcl
COMMENTS: TPH-DRO	1250	1000 ml 2	Hcl

Using Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 64.09 x 0.80 = -- (Total Depth of Well) 67.95

Signature: _____

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4/2/09 WELL NO. MW058

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER: Sunny / windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 56.57 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 111.32 FT.

D. Height of Water Column in casing (h = TD - SWL): 54.75 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: 1313

OBSERVATIONS: **Purging Start Time:** 1313

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1323	3.43	172.9	7.04	20.60	3942	56.88	
	1328	3.41	170.4	7.04	20.51	3925	56.89	
	1333	3.49	168.9	7.05	20.66	3900	56.89	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1333	1000 ml 1	—
Diss. Metals	1333	500 ml 1	HNO3
BTEX / TPH-GRO	1333	40 ml 3	HCl
TPH-DRO	1333	1000 ml 2	HCl

COMMENTS: 190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 54.75 x 0.80 = -- (Total Depth of Well) 67.52

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4-6-09 WELL NO. EPWW1

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ~~50~~ 41 °F

FIELD PERSONNEL: SB/JI WEATHER: PC

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: _____ FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr	1030	1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS: Purging Water Well - No Parameters, Unable to field filter for Dissolved metals, Flushed for serrative ~~from~~ bottle - Request Lab-filter for Dissolved metals

asing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: _____ x 0.80 = -- (Total Depth of Well)

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/10/09 WELL NO. MW003

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER:

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.73 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 70.51 FT.

D. Height of Water Column in casing (h = TD - SWL): 22.78 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr		1000 ml 2	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	Hcl
TPH-DRO		1000 ml 2	Hcl

COMMENTS: No Samples- unable to access due to construction in area

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 22.78 x 0.80 = -- (Total Depth of Well) 52.28

Signature: Steve Bell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/10/09 WELL NO. MW007

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: _____

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: _____ Reading: _____ ;pH Standard: 7 Reading _____ ;Standard 4 Reading: _____

Standard 10 Reading: _____ ; **ORP:** Standard: _____ Reading: _____ ; **DO:** T°C: _____ mmHg: _____ DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.78 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.22 FT.

D. Height of Water Column in casing (h = TD - SWL): 20.44 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: _____

OBSERVATIONS: **Purging Start Time:** _____

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr		1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS: No Samples. unable to access due to construction in area

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 20.44 x 0.80 = -- (Total Depth of Well) 51.86

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/10/09 WELL NO. MW007A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: _____

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.64 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 106.50 FT.

D. Height of Water Column in casing (h = TD - SWL): 59.86 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: _____

OBSERVATIONS: **Purging Start Time:** _____

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr		1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
TPH-DRO		1000 ml 2	HCl

COMMENTS: No Samples - unable to access due to construction

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 59.86 x 0.80 = (Total Depth of Well) 58.61

Signature: [illegible]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/10/09 WELL NO. MW0-26

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: SB/JI WEATHER:

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.25 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.11 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.86 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr		1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
		1000 ml 2	HCl

COMMENTS: TPH-DRO No Sample - No Access

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.86 x 0.80 = (Total Depth of Well) 53.42

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/10/09 WELL NO. MW047

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: _____

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: _____ Reading: _____ ;**pH** Standard: 7 Reading _____ ;Standard 4 Reading: _____

Standard 10 Reading: _____ ; **ORP:** Standard: _____ Reading: _____ ; **DO:** T°C: _____ mmHg: _____ DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: _____ FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: _____

OBSERVATIONS: **Purging Start Time:** _____

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr			
Diss. Metals			
BTEX / TPH-GRO			
TPH-DRO			

COMMENTS: No Access / Demo work

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: _____ x 0.80 = _____ (Total Depth of Well)

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 3/10/09 WELL NO. MW 069

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: ____ °F

FIELD PERSONNEL: SB/JI WEATHER: ____

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: ____

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 52.99 FT.

B. *Thickness of Free Product, if present:* ____ Inches ____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 112.35 FT.

D. Height of Water Column in casing (h = TD - SWL): 59.36 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: ____

OBSERVATIONS: **Purging Start Time:** ____

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: ____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr		1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	HCl
		1000 ml 2	HCl

COMMENTS: TPH-DRO

No Samples. No access to flow lines + Sand

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 59.36 x 0.80 = -- (Total Depth of Well) 64.86

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 DATE: 4-6-09 WELL NO. Rowland WW

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: _____ °F

FIELD PERSONNEL: SB/JI WEATHER: _____

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: _____

Spec. Conductivity: Standard: _____ Reading: _____ ;**pH** Standard: 7 Reading _____ ;Standard 4 Reading: _____

Standard 10 Reading: _____ ; **ORP:** Standard: _____ Reading: _____ ; **DO:** T°C: _____ mmHg: _____ DO Conc.: _____

End-of-Day Recheck: Spec.Cond: _____ ;pH 7: _____ ;pH 4: _____ ;pH: 10 _____ ;ORP: _____

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 39.69 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 58.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.31 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION: _____

OBSERVATIONS: **Purging Start Time:** _____

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex Cr		1000 ml 1	—
Diss. Metals		500 ml 1	HNO3
BTEX / TPH-GRO		40 ml 3	Hcl
TPH-DRO		1000 mL 2	Hcl

COMMENTS: No Sample - Pump Not operatable - No Access to well

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.31 x 0.80 = -- (Total Depth of Well) 43.35

Signature: Stan Bell

8/2008

Stantec Consulting
Midland, Texas

Groundwater Monitoring Duplicate Sample Field Log

Site: W. Eunice

Date	Monitor Well ID	Duplicate Sample ID
8-10-09	MW086SA	DUP-100
8-19-09	MW061	DUP-101
8-20-09	MW025	DUP-102
8-24-09	MW033	DUP-103
8-25-09	MW022A	DUP-104

Stantec Consulting
Midland, Texas
Purge Water Disposal

Project Site: N. Eunice

Date	Amount (gallons)	How Disposed?
8-3-09	17	@ N. Eunice Plant sump.
8-4-09	70	
8-6-09	160	
8-10-09	123	
8-11-09	5	
8-13-09	85	
8-17-09	2	
8-18-09	15	
8-19-09	168	
8-20-09	160	
8-21-09	160	
8-24-09	168	
8-25-09	16	

Stantec Consulting
Midland, Texas
Purge Water Disposal

Project Site: Eunice North

Date	Amount (gallons)	How Disposed?
8-12-09	270	Plant Process Sewer
8-21-09	275	Plant Process Sewer
8-24-09	90	Plant Process Sewer

Stantec Consulting
Midland, Texas

Groundwater Monitoring Duplicate Sample Field Log

Site: Eunice North Gas Plant

Date	Monitor Well ID	Duplicate Sample ID
8-20-09	MW023A	Dup #200
8-24-09	MW025SA	Dup #201

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217455

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

(1)
Client: Chevron Acct. #:
Project Name/#: N. Fuvia / 218201.65.701.752 PWSID #:
Project Manager: C Wood / J Woodson P.O.#:
Sampler: T Longwell Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Potable (Check if Applicable)	Water	NPDES (Check if Applicable)	Other	Total # of Containers	Analyses Requested / Preservation Codes: Fuels 8015 (8021) H	TPH 418.1 H	T.R. Cl (Amp) 9.6 1	i-Ac Cl (Amp) 1	Sulf. Dr - (9267) N/O	TOC O				Remarks	Temperature of samples upon receipt (if requested)
MW0509	8-25-09	1142	X				X			7	9	2	1	1						Filter Dis Metals only	
[illegible]	8-25-09	1724	X				X			7	3	2	[illegible]	[illegible]	1	1					
DUP 104	8-25-09	—	X				X			7	3	2	1	1						Filter Dis Metals only	
Trip Blank	—	—	—				X			2	2										
												JSC									

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-25-09	1445			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

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.

2102.03

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217454

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

(1)
Client: Chevron Acct. #: 201,750
Project Name/#: W. Eunice / 9122 01175 PWSID #:
Project Manager: C Uswell / J Woodward P.O.#:
Sampler: J Langwell / J Timmons Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	BTEX 8021	TPH 418.1	Hexavalent Cr	Fe, As, Cr, Pb							Remarks	Temperature of samples upon receipt (if requested)
									H	H	I	—								
MW078	8-24-09	1052	X			X		7	3	2	1	1							Follow Dir. Multi Job	
MW068	8-24-09	1135	X			X		7	3	2	1	1							"	"
MW050	8-24-09	1216	X			X		7	3	2	1	1							"	"
MW029	8-24-09	1339	X			X		7	3	2	1	1							"	"
MW033	8-24-09	1430	X			X		7	3	2	1	1							"	"
MW069	8-24-09	1500	X			X		7	3	2	1	1							"	"
DUP-103	8-24-09	—	X			X		7	3	2	1	1							"	"
Trip Blank	—	—	—			X		2	2											
									JSC											

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-24-09	1733			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217453

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

(1)
Client: Chevron
Acct. #:
Project Name/#: [illegible] / 20201115.50/050
PWSID #:
Project Manager: Chd Dowell / D Woodward
P.O.#:
Sampler: T. Longwell / S. Gonzales
Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES)	Matrix: Other	Total # of Containers	BTEX + MTBE + TMB + Naphthalene (H)	TPH GRO (H)	Diss. Metals (Fe, Mn) (N)	Diss. Metals (Fe, Mn) (N)							Remarks (6) Temperature of samples upon receipt (if requested)
MW073SA	3-21-09	1038	X			X		7	3	2	1	1							
MW057SA	3-21-09	1112	X			X		7	3	2	1	1							Dissolved Fe, Mn for Lab.
MW010A	3-21-09	1157	X			X		7	3	2	1	1							
MW010A	3-21-09	1252	X			X		7	3	2	1	1							
MW013A	3-21-09	1323	X			X		7	3	2	1								
MW03A	3-21-09	1404	X			X		7	3	2	1								
Trip Blank	—	—	—			X		2	2										X Bottles in Trip Blank provided by lab
							3C												

(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)
Type II (Tier II)
Type III (Reduced NJ)
Type IV (CLP SOW)
Type VI (Raw Data Only)
TX TRRP-13
MA MCP CT RCP
SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3-21-09	1650			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

013963

Facility #: Eunice North Gas Plant - 2122-4135
Site Address: Eunice, New Mexico
Chevron PM: J Homer Lead Consultant: P. Maxwell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713-437-7473 Fax #: 713-[illegible]-0338
Sampler: S Bell
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES ☐

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates ___	TPH GRO ___ (H)	TPH DRO ___ ☐ Extended Rng. ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method ___	VPH/EPH	NWTPH HCID ☐ quantification	Dissolved Metals 4 Cr, Mn (I)	Cl, (300.0), TDS, Hex Cr (I)		
MW014	8-10-09	1332	✓			✓		7	✓			✓	✓				✓	✓		
MW013	8-10-09	1419	✓			✓		7	✓			✓	✓				✓	✓		
MW054SA	8-10-09	1513	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks								2	✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
S Bell	8-12-09	1730			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

013964

Facility #: Eunice North Gas Plant - 21220 1135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: B. Van Voorhees
Consultant/Office: Stantec
Consultant Prj. Mgr.: Danny Wadhwani
Consultant Phone #: 713.977.7973 Fax #: 713.983.8328
Sampler: SB
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested

Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☒ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH GRO 5015B (H)	TPH D ☐ Extended Rng. 5015B ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	TDS, Cl-, Hex Cr (H)	Dissolved Metals Fe, As, Cr, Mn (I)		
MW024A	8-12-09	1040	✓			✓		7	✓			✓	✓				✓	✓		
MW059	8-12-09	1204	✓			✓		7	✓			✓	✓				✓	✓		
MW023	8-12-09	1309	✓			✓		7	✓			✓	✓				✓	✓		
MW048SA	8-12-09	1405	✓			✓		7	✓			✓	✓				✓	✓		
MW055SA	8-12-09	1459	✓			✓		7	✓			✓	✓				✓	✓		
MW056SA	8-12-09	1539	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks	8-12-09	—						4	✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
Lab Filter for Dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/12/09	1705			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

013955

Facility #: Enrico North Gas Plant - 21220113S
Site Address: Enrico, New Mexico
Chevron PM: J Homer Lead Consultant: C. Vaulell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713.937.7973 Fax #: 713.993.8538
Sampler: SB
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested

Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH G (H)	TPH D (H) ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	TDS, Cl, (300.0) Cr 6+ (—)	Fe, As, Cr, Mn (—)		
MW070	8.20.09	1112	✓			✓		7	✓			✓	✓				✓	✓		
MW070A	8.20.09	1208	✓			✓		7	✓			✓	✓				✓	✓		
MW030	8.20.09	1329	✓			✓		7	✓			✓	✓				✓	✓		
MW033A	8.20.09	1412	✓			✓		7	✓			✓	✓				✓	✓		
MW014A	8.20.09	1506	✓			✓		7	✓			✓	✓				✓	✓		
Dup #200	8.20.09	—	✓			✓		7	✓			✓	✓				✓	✓		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
Lab Filter for Dissolved Metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/5/09	1215			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

010311

Facility #: Eunice North Gas Plant - 212201135
Site Address: Eunice, New Mexico
Chevron PM: J Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713.937.7973 Fax #: 713.983.8328
Sampler: SB
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☐ NPDES ☑ Water ☐ Soil ☐ Oil ☐ Air

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	TDS, Cl (300.0) Cr hex	Fe, As, Cr, Mn *
						H			H	H	H			—	—
MW020A	8-21-09	1030	✓		7	✓			✓	✓				✓	✓
MW020	8-21-09	1110	✓		7	✓			✓	✓				✓	✓
LoadWW	8-21-09	1200	✓		7	✓			✓	✓				✓	✓
Trip Blanks					2	✓									

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Lab filter for dissolved metals

All Times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/21/09	1715			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

010312

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C Vowell
Consultant/Office: Stanley Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713-937-7973 Fax #: 713-983-8328
Sampler: SB
Service Order #: _____ ☐ Non SAR: _____

Analyses Requested

Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☑ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G 8015B	TPH D (☐ Extended Rng. 8015B ☐ Silica Gel Cleanup)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	TCS, Cl. (300.0) Cl	Fe, As, Cr, Mn *		
									H			H	H				–	–		
MW019A	8-21-09	1319	✓			✓		7	✓			✓	✓				✓	✓		
MW072SA	8-21-09	1417	✓			✓		7	✓			✓	✓				✓	✓		
MW076SA	8-21-09	1500	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks	8-21-09		✓					2	✓											

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Lab-filter for dissolved metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/21/09	1715			
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:		
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Chevron Ge[illegible]ric Analysis Request/Chain of Cus[illegible]dy

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: _____ Sample #: _____ SCR#: _____

010313

Facility #: Eunice Health Gas Plant 21220113S
Site Address: Eunice New Mexico
Chevron PM: J. Horner Lead Consultant: C. Vonnell
Consultant/Office: Stanter Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713.373.9973 Fax #: 713.983.8328
Sampler: SB
Service Order #: _____ ☐ Non SAR: _____

Matrix: ☐ Potable ☑ NPDES

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH HCID ☐ quantification	TDS, Cl, (300.0) Cr 6+	Fe, As, Cr, Mn *		
									H				H	H			—	1		
MW075SA	8.24.09	1035	✓			✓		7	✓			✓	✓				✓	✓		
MW074SA	8.24.09	1125	✓			✓		7	✓			✓	✓				✓	✓		
Woodlww	8.24.09	1150	✓			✓		7	✓			✓	✓				✓	✓		
MW026	8.28.09	1410	✓			✓		7	✓			✓	✓				✓	✓		
Trip Blanks	—	—						4	✓											
Dup #201	8.24.09	—	✓			✓		7	✓			✓	✓				✓	✓		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Lab Filter for Dissolved Metals

All times are Central time zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[illegible]	8/24/09	1735			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			Custody Seals Intact? Yes No		

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217449

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

(1)

Client: Chevron Acct. #: 241250

Project Name/#: [illegible] PWSID #:

Project Manager: Chad Powell P.O.#:

Sampler: Tracy S. Longwell Quote #:

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable / NPDES Applicable)	Matrix: Other	Total # of Containers	BTEX (8021B) (H)	TPH (8015) (H)	TDS, Cl, Fl, SO4 (300.0) (N)	Fe, As, Cr, Mn (N)							Remarks
MW061SA	8-17-09	1009	X			X		7	3	2	1	1							
MW085SA	8-17-09	1103	X			X		7	3	2	1	1							
MW083SA	8-17-09	1200	X			X		7	3	2	1	1							
MW082SA	8-17-09	1370	X			X		7	3	2	1	1							
Trip Blank	—	—	—			—		4	4										

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No_____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-17-09	1538			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217452

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

(1)
Client: CUX Acct. #:
Project Name/#: D. Eunice 212701135.701.250 PWSID #:
Project Manager: Rod Dowell / D. Woodward P.O.#:
Sampler: J. Longwell Quote #:
Name of state where samples were collected: New Mexico

(5) Analyses Requested — Preservation Codes

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Matrix (4): Soil | Potable (Check if NPDES Applicable) Water | Other | Total # of Containers | TPH GRO BTEX (8021) | TPH DRO | TDS, Cl, Br, SO4, Cr6+ | Fe, As, Cr, Mn | Remarks | Temperature of samples upon receipt (if requested) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	TPH GRO BTEX (8021)	TPH DRO	TDS, Cl, Br, SO4, Cr6+	Fe, As, Cr, Mn	Remarks
MW067SA	8-20-09	1106	X			X		7	3	2	1	1	Diss Metals Filter In Lab
MW053SA	8-20-09	1145	X			X		7	3	2	1	1	" "
MW078SA	8-20-09	1226	X			X		7	3	2	1	1	" "
MW015	8-20-09	1343	X			X		7	3	2	1	1	" "
MW025	8-20-09	1437	X			X		7	3	2	1	1	" "
DUP-102	8-20-09	—	X			X		7	3	2	1	1	" "
Trip Blank	—	—	—			X		2	2				
								55					

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-20-09	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ nvironmental Services Chain of Cu pdy

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217451

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

(1)
Client: Chevron Acct. #: 701.750
Project Name/#: N. Eunice 21220 01135 PWSID #:
Project Manager: Chad Dowell / D. Woodward P.O.#:
Sampler: J. Longwell / J. Dominis Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4): Soil	Water (☐ Potable, ☐ NPDES, Check if Applicable)	Other	Total # of Containers	(5) Analyses Requested / Preservation Codes: TPH GRO BTEX (8021)	TPH DRO	TDS, Cl, Cr, Br	Fe, As, Cr, Mn							Remarks (6) Temperature of samples upon receipt (if requested)
									H	H	—	—							
MW027	8-19-09	1030	X			X		7	3	2	1	1							Filter Diss Metals In Lab
MW010	8-19-09	1131	X			X		7	3	2	1	1							" "
MW024	8-19-09	1224	X			X		7	3	2	1	1							" "
MW058	8-19-09	1301	X			X		7	3	2	1	1							" "
MW061	8-19-09	1403	X			X		7	3	2	1	1							" "
MW018	8-19-09	1452	X			X		7	3	2	1	1							" "
DUP-101	8-19-09	—	X			X		7	3	2	1	1							" "
Trip Blank	—	—	—			X		4	4										
									JBC										
																			Bubbles In Trip Blanks

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-19-09	1655			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217448

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

(1) Client: Chevron Acct. #: 201.250

Project Name/#: D. Eunice / 212201135 PWSID #: _____

Project Manager: Chad Dowell P.O.#: _____

Sampler: Thomas Gill / Sonya Gonzales Quote #: _____

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC: _____
SCR#: _____

(5) Analyses Requested — Preservation Codes

Preservation Codes: H=HCl, T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4): Soil	Water (☑ Potable Check if Applicable, ☑ N.P.D.E.S.)	Other	Total # of Containers	BTEX 8021 (H)	TPH 020 (H)	Fe, Mn, Cr, Mg, Na (—)	pH, SO4 (300.0) (—)	Alk. (—)	TDS, Cl-(300.0), Cr6 (—)	TOC (O)	S2-(376.2) (NB)	Remarks (6) Temperature of samples upon receipt (if requested)
TW025	8-13-09	1321	X			X		1	3	2	1	1	1	1	1	1	Filter Dis. Metals inst.
TW026	8-13-09	1317	X			X		2			1			1			" "
																	Contact D. Woodward w/ Questions & 745-644-8583

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8.13.09	1745			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217447

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

(1)
Client: Chevron Acct. #: 201.250
Project Name/#: N. Fruitvale / 2127011 35. PWSID #:
Project Manager: Chad Powell P.O.#:
Sampler: T Hoagwell / S Bowden Quote #:
Name of state where samples were collected: New Mexico

(5) Analyses Requested — Preservation Codes

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Potable (Check if Applicable) / NPDES	Water	Other	Total # of Containers	TPH GRO BTEX (8021)	TPH DRO	Fe, As, Cl, Mn, Pb	TDS, Cl (8000)						Remarks (6) Temperature of samples upon receipt (if requested)
										H	H	N	N						
MW084SA	8-13-09	1529	X				X		7	3	2	1	1						Filter Div. Metals in lab
Trip Blank	—	—	—				X		2	2									

(4) Matrix

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-13-09	1705			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217446

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

(1) Client: Chevron Acct. #:

Project Name/#: M. Ennis / 21770113 5.70/7350 PWSID #:

Project Manager: Chad Vawell P.O.#:

Sampler: Steve Bell & Terry Longwell Quote #:

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(5) Analyses Requested — Preservation Codes

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Matrix (4): Soil	Potable (Check if Applicable) Water	NPDES Applicable Other	Total # of Containers	TPH GRO BTEX (8021)	TPH DRO	Fe, As, Cr, Mn	TDS, Cl (300.0) Cr6+	pH, SO4 (300.0)	Alk.	RSKSOP S2-(376.2)	TOC	Remarks (6) Temperature of samples upon receipt (if requested)
									H	H	—	—	—	—	B/O	O	
TW023	8-11-09	1707	X			X		11	3	2	1	1	1	1	1	1	Filter Diss Metals in lab
TW024	8-11-09	1350	X			X		11	3	2	1	1	1	1	1	1	" "
MW090SA	8-11-09	1531	X			X		11	3	2	1	1	1	1	1	1	" "
Trip Blank	—	—	—			X		2									

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-11-09	1743			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217445

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

(1) Client: Chevron Acct. #:

Project Name/#: W.Tunicd/2112201135, 706-7-59 PWSID #:

Project Manager: Ted Ovnell P.O.#:

Sampler: Terry S. Longwell Quote #:

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) Analyses Requested

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	BTEX (8021)	TPH D20	Fe, As, Cr, Mn	TDS, Cl-(400.0) Cr-6							Remarks	(6) Temperature of samples upon receipt (if requested)
									H	H	—	—								
MW021SA	8-10-09	1345	X			X		7	3	2	1	1							Filter Pics Metals Inlab	
MW086SA	8-10-09	1415	X			X		7	3	2	1	1							"	
Trip Blank	—	—	—			X		2	2											
							SC													
DUP100	—	—	X			X		7	3	2	1	1							"	

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-10-09	1730			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217444

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

(1)
Client: Chevron Acct. #:
Project Name/#: Ultronic / 217701135.701.250 PWSID #:
Project Manager: Chad Dowell P.O.#:
Sampler: Tony Longwell / Alex Gonzales Quote #:
Name of state where samples were collected: New Mexico

(5) Analyses Requested — Preservation Codes: H, H, —, —

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	BTEX, TPH GRO	TPH DRO	Cr6+, TDS, Cl (8020),	Fe, As, Cr, Mn					Remarks	(6) Temperature of samples upon receipt (if requested)
MW071A	8-6-09	1230	X			X		7	3	2	1	1					Filter Diss. Metals in lab	
MW071		1310	X			X		7	3	2	1	1					" "	
MW032		1356	X			X		7	3	2	1	1					" "	
MW065SA		1546	X			X		7	3	2	1	1					" "	
MW066SA	8-6-09	1459	X			X		7	3	2	1	1					" "	
Trip Blank	—	—	—			X		4	4									

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-6-09	1737			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217443

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

(1)

Client: Chevron Acct. #:

Project Name/#: 91220135.201.250 PWSID #:

Project Manager: Chad Powell P.O.#:

Sampler: Tim Longwell Quote #:

Name of state where samples were collected: NM

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Potable (Check if Applicable)	NPDES (Check if Applicable)	Water	Other	Total # of Containers	JSC (8021)	TDH (8260)	TPH DRO	Fe, As, Cr, Mn	Cl (300.0), TDS, Cr6+						Remarks	Temperature of samples upon receipt (if requested)
											H	H	—	—								
MW06SA	8-4-09	1312	X					X		7	3	2	1	1							Filter Diss Metals in lab.	
MW03A	8-4-09	1401	X					X		7	3	2	1	1							Filter Diss Metals in lab	
MW03B	8-4-09	1444	X					X		7	3	2	1	1							Filter Diss Metals in lab	
Trip Blank	—	—	—					X		2	2											
											JSC											

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-4-09	1654			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217442

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

(1)
Client: Chevron Acct. #:
Project Name/#: Finice 71220/135.201.250 PWSID #:
Project Manager: Chad Dowell P.O.#:
Sampler: Terry S. Longwell Quote #:
Name of state where samples were collected: NM

For Lab Use Only
FSC:
SCR#: 785791

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	BTEX (8021)	TPHGRO	TPH DRO	Fe, As, Cr, Mn	TDS, Cl (300.0)						Remarks	Temperature of samples upon receipt (if requested)
									H		H	—	—							
MW062A	8-3-09	1503	X			X		7	3		2	1	1						Filter Disc. Metals in Lab	

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No _____

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-3-09	1715	[signature]	8-3-09	0800
[signature]	8-3-09	1707			

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # _____ Group# _____ Sample # _____

COC # 217450

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

(1)
Client: Chevron Acct. #:
Project Name/#: Wronico 212201135.201.250 PWSID #:
Project Manager: Chad Wassell / D. Woodward P.O.#:
Sampler: T. Wassell / J. Demeris Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable / NPDES)	Other	Total # of Containers	TPH GRO (8015)	BTEX (8021)	TPH DRO	TDS, Cl, SO4, Br	Fe, As, Cr, Mn						Remarks	Temperature of samples upon receipt (if requested)
									H	H		N	—							
MW078SA	8-18-09	1117	X			X		7	3	2	1		1						Filter Dis. Metals Only	
MW080SA	8-18-09	1154	X			X		7	3	2	1		1						"	
MW081SA	8-18-09	1235	X			X		7	3	2	1		1						"	
GOPW02	8-18-09	1343	X			X		7	3	2	1		1						"	
MW077SA	8-18-09	1508	X			X		7	3	2	1		1						"	
Trip Blank	8-18-09	—	—			—		2	2										Bubbles in Trip Blank. JBC 12/09	
								35												

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-18-09	1710			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time

DUP-104

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-25-09 WELL NO. MW022A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 85 °F

FIELD PERSONNEL: J. Longwell WEATHER: P. Cloudy / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07C100513

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240.0; **DO:** T°C: 28.73 mmHg: 7.34 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.20 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.27 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.07 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1120

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1123	3.71	32.1	8.32	29.71	6.637	53.50	
	1128	3.20	26.4	7.27	23.35	1.027	56.11	
	1133	3.41	29.3	7.17	23.36	0.746	56.43	
	1138	3.73	34.7	7.14	23.28	0.702	56.54	
	1143	4.04	37.8	7.13	23.29	0.687	56.54	
	1148	4.28	39.3	7.13	23.25	0.684	56.50	
	1153							
	1158							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1148	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
TDS, Cl, Cr6+		1000mL Poly (1)	—
Fe, As, Cr, Mn		500mL Poly (1)	

COMMENTS: 184 Hz No Color / No Odor / Clear

DUP-104

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.07 x 0.80 = -- (Total Depth of Well) 61.61

Signature: DSC

8/2008

2nd Sample

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-25-09 WELL NO. TW02C

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 89 °F

FIELD PERSONNEL: Jc Longwell WEATHER: P.Cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: _____ FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

Per PM.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

Bailer

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

NP,

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1224	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
TOC		125 mL Amber (1)	H3PO4
		500mL Glass (1)	ZnAcetate/

COMMENTS: S1

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: _____ x 0.80 = -- (Total Depth of Well)

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-10-09 WELL NO. MW014

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 89 °F

FIELD PERSONNEL: SB WEATHER: Clear Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 06F1362AB

Spec. Conductivity: Standard: 1.413 Reading: 1.427 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240.1 ; **DO:** T°C: 28.45 mmHg: 689.7 DO Conc.: 7.12

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.83 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 59.91 FT.

D. Height of Water Column in casing (h = TD - SWL): 17.08 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1252

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1302	1.00	-251.5	7.45	23.69	~~22.64~~ 571	43.70
1307	0.55	-256.6	7.51	23.30	607	43.71
1312	0.33	-249.1	7.54	23.18	700	43.71
1317	0.24	-244.0	7.60	22.97	663	43.72
1322	0.21	-239.0	7.59	22.98	727	43.72
1327	0.19	-235.6	7.58	22.89	744	43.72
1332	0.18	-231.1	7.59	22.86	737	43.72

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1332		

COMMENTS:

(190 lbs)

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 17.08 x 0.80 = -- (Total Depth of Well) 46.24

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-10-09 WELL NO. MW013

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 80 °F

FIELD PERSONNEL: SB WEATHER: Clear, Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.30 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 60.05 FT.

D. Height of Water Column in casing (h = TD - SWL): 16.75 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1354

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1404	5.40	25.4	6.95	23.26	4232	43.65	
	1409	5.33	34.4	6.94	23.00	4330	43.65	
	1414	5.31	39.9	6.94	22.95	4341	43.65	
	1419	5.29	44.8	6.94	22.86	4375	43.65	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1415		

COMMENTS: (190 H2)

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 16.75 x 0.80 = -- (Total Depth of Well) 46.65

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-10-09 WELL NO. MW054SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 89 °F

FIELD PERSONNEL: SB WEATHER: Clear, Sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.93 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 59.90 FT.

D. Height of Water Column in casing (h = TD - SWL): 14.97 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1448

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1458	5.36	61.8	7.01	22.49	3391	46.14	
	1503	5.05	69.3	6.99	22.46	3585	46.18	
	1508	4.98	72.5	6.98	22.40	3663	46.19	
	1513	4.94	72.0	6.98	22.33	3704	46.22	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1513	3-40 ml VOAs	HCl
		~~2-1000 ml Amber~~	HCl
		~~1-1000 ml Poly~~	~~HNO3~~
		1-500 ml Poly	NHeat

COMMENTS:

190 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 14.97 x 0.80 = -- (Total Depth of Well) 47.92

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-12-09 WELL NO. MW-024A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 73 °F

FIELD PERSONNEL: SB WEATHER: PC, Lt wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: 1.413 Reading: 1.373 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 27.99 mmHg: 692.7 DO Conc.: 7.33

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.17 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 101.48 FT.

D. Height of Water Column in casing (h = TD - SWL): 50.31 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1015

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1025	4.58	87.0	7.32	22.33	651	54.69	
	1030	4.48	79.3	7.30	22.38	650	54.75	
	1035	4.50	73.8	7.29	22.48	651	54.81	
	1040	4.61	69.1	7.30	22.52	654	54.83	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1040	3-40 ml VOAs	HCl
		2-1000 ml Amber	HCl
		1-1000 ml Poly	NaOH
		1-500 ml Poly	NaOH

COMMENTS: Metals

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 50.31 x 0.80 = -- (Total Depth of Well) 61.23

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-12-08 WELL NO. MW059

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: °F

FIELD PERSONNEL: WEATHER: PC, LA Wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 61.32 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 106.45 FT.

D. Height of Water Column in casing (h = TD - SWL): 45.13 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1109

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1119	4.34	73.8	7.01	23.07	5271	61.70	
	1124	4.24	69.5	7.00	22.68	5262	61.71	
	1129	3.94	66.0	7.03	22.61	4829	61.71	
	1134	3.31	62.0	7.08	22.67	4248	61.71	
	1139	3.32	59.8	7.12	22.83	3837	61.71	
	1144	3.42	57.9	7.16	22.91	3496	61.71	
	1149	3.42	56.8	7.18	22.95	3277	✓	
	1154	3.50	57.5	7.19	23.01	3156	—	
	1159	3.66	59.0	7.20	23.02	3090	—	
	1204	3.78	61.2	7.20	23.03	3061	—	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1204		

COMMENTS:

20 ft

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 45.13 x 0.80 = -- (Total Depth of Well) 70.34

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-12-09 WELL NO. MW023

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 86 °F

FIELD PERSONNEL: SB WEATHER: PC, lt wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.55 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 69.02 FT.

D. Height of Water Column in casing (h = TD - SWL): 13.47 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1224

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1234	3.94	79.3	6.89	23.22	4715	56.73
1239	3.69	85.3	6.88	23.90	4783	56.74
1244	3.35	91.3	6.88	22.83	4840	56.75
1249	2.93	95.4	6.87	22.83	4866	56.76
1254	2.65	99.6	6.88	22.59	4858	56.77
1259	2.48	104.8	6.88	22.73	4892	56.78
1304	2.41	105.3	6.88	22.78	4893	56.77
1309	2.31	108.0	6.88	22.71	4887	56.77

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1309		

COMMENTS:

200 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 13.47 x 0.80 = -- (Total Depth of Well) 58.24

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-12-09 WELL NO. MW048SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: SB WEATHER: PC, lt wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.26 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 84.95 FT.

D. Height of Water Column in casing (h = TD - SWL): 39.69 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1340

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1350	1.77	80.6	7.07	22.56	2709	45.90	
	1355	1.20	83.5	7.09	22.41	2615	45.90	
	1400	1.18	86.6	7.09	22.36	2615	45.91	
	1405	1.22	90.1	7.08	22.35	2638	45.91	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1405		

COMMENTS:

MoHe

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 39.69 x 0.80 = -- (Total Depth of Well) 63.19

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-12-09 WELL NO. MW055SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 91 °F

FIELD PERSONNEL: SB WEATHER: PC, Humid

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 40.85 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 53.09 FT.

D. Height of Water Column in casing (h = TD - SWL): 12.24 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1429

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1439	2.95	78.8	7.12	23.03	2663	43.87	
	1444	2.55	82.6	7.09	23.01	2775	43.76	
	1449	2.25	84.6	7.08	22.81	2813	43.70	
	1454	2.10	88.0	7.06	22.95	2836	43.62	
	1459	2.08	89.8	7.07	23.03	2848	43.52	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1459		

COMMENTS:

~~175 Hz~~
171 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 12.24 x 0.80 = -- (Total Depth of Well) 43.29

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-17-09 WELL NO. MW056SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 93 °F

FIELD PERSONNEL: SB WEATHER: PC Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.93 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 54.90 FT.

D. Height of Water Column in casing (h = TD - SWL): 9.97 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1519

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1529	2.48	93.8	6.98	24.84	5960	46.13	
	1534	2.43	86.2	6.97	24.35	5955	46.15	
	1539	2.45	87.8	6.97	24.12	5960	46.17	
	1544							
	1549							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1539		

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 9.97 x 0.80 = -- (Total Depth of Well) 46.92

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8/20/09 WELL NO. MW070

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: SB WEATHER: Clear, Hot, Wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 06F1362 AB

Spec. Conductivity: Standard: 1.413 Reading: 1.459 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.01

Standard 10 Reading: 9.97 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 29.96 mmHg: 684.9 DO Conc.: 7.04

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 59.00 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 95.88 FT.

D. Height of Water Column in casing (h = TD - SWL): 36.28 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1052

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1102	5.33	178.4	7.30	23.01	1252	59.52	
	1107	5.19	174.4	7.27	22.96	1252	59.53	
	1112	5.02	169.7	7.25	23.01	1249	59.54	
	1117							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1112		

COMMENTS:

200 ft

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 36.28 x 0.80 = -- (Total Depth of Well) 68.46

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW070A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 91 °F

FIELD PERSONNEL: [illegible] WEATHER: Clear, Warm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 58.14 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 127.17 FT.

D. Height of Water Column in casing (h = TD - SWL): 68.03 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1133

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1143	4.18	109.5	7.95	33.14	705	65.90	
	1148	3.93	101.8	7.92	33.39	717	67.00	
	1153	4.19	93.1	7.84	34.48	825	66.75	
	1158	4.87	94.1	7.66	26.32	874	66.69	
	1203	4.76	93.8	7.87	26.28	874	66.80	
	1208	4.67	93.3	7.57	26.27	873	66.83	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1208		

COMMENTS:

1934hr

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 68.03 x 0.80 = -- (Total Depth of Well) 72.75

Signature: [illegible]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW03D

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 94 °F

FIELD PERSONNEL: SB/SG WEATHER: Clear to wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 59.26 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 77.68 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.44 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1259

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1309	5.00	77.5	7.28	25.09	1370	60.23	
	1314	5.14	79.5	7.25	24.33	1455	60.25	
	1319	5.16	83.9	7.22	23.90	1545	60.27	
	1324	5.13	87.6	7.22	23.64	1552	60.26	
	1329	5.05	91.1	7.23	23.50	1565	60.27	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1329		

COMMENTS:

1954

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.44 x 0.80 = -(Total Depth of Well) 62.93

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

Dup #200

PROJECT NO.: 212201135 201.250 DATE: 8.20.09 WELL NO. MW023A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 96 °F

FIELD PERSONNEL: WEATHER: Clear Warm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.32 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 123.23 FT.

D. Height of Water Column in casing (h = TD - SWL): 67.91 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1352

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1402	4.88	82.7	7.64	24.03	798	62.42	
	1407	4.75	84.4	7.62	24.03	800	63.95	
	1412	4.59	86.9	7.61	24.31	805	65.02	
	1417							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1412		
Dup #200			

COMMENTS:

093 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 67.91 x 0.80 = -- (Total Depth of Well) 68.90

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW014A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 95 °F

FIELD PERSONNEL: WEATHER: P.C. 1st wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.65 FT.

B. Thickness of Free Product, if present: _____ Inches ~~105.04~~ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 105.04 FT.

D. Height of Water Column in casing (h = TD - SWL): 62.39 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1446

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1456	3.95	74.9	7.53	23.57	780	53.32
1501	3.88	76.4	7.54	24.70	800	53.98
1506	4.03	77.8	7.55	25.80	810	53.94
1511						
1516						

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1506		

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 62.39 x 0.80 = -- (Total Depth of Well) 55.13

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-21-09 WELL NO. MW020A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 77 °F

FIELD PERSONNEL: SB WEATHER: PC, Clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 06F1362AB

Spec. Conductivity: Standard: 1.413 Reading: 1.416 ;pH Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.98 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 28.75 mmHg: 689.5 DO Conc.: 2.13

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.28 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 80.49 FT.

D. Height of Water Column in casing (h = TD - SWL): 37.41 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1010

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1020	4.52	199.3	7.03	21.66	3912	46.96	
	1025	4.63	193.9	6.99	21.62	3930	46.91	
	1030	4.68	189.4	6.99	21.98	3921	46.96	
	1035							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1030		

COMMENTS:

193 lb

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 37.41 x 0.80 = -- (Total Depth of Well) 50.56

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-21-08 WELL NO. MW020

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 79 °F

FIELD PERSONNEL: SB WEATHER: PC Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.88 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 58.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.12 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1050

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1100	5.17	156.2	6.92	21.90	3349	45.06	
	1105	5.13	149.3	6.90	21.84	3412	45.09	
	1110	5.11	143.2	6.90	21.73	3468	45.11	
	1115							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1110		

COMMENTS:

193

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.12 x 0.80 = – (Total Depth of Well) 45.90

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-21-09 WELL NO. Lea WW

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 82 °F

FIELD PERSONNEL: SB WEATHER: PC 64 W/mod

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 40.80 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.45 FT.

D. Height of Water Column in casing (h = TD - SWL): 21.65 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1135

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1145	0.30	-278.4	8.10	21.65	5300	42.86	
	1150	0.16	-284.0	7.97	21.65	5345	43.28	
	1155	0.12	-282.4	7.87	21.63	5431	43.37	
	1200	0.10	-274.1	7.81	21.80	5481	43.42	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1200		

COMMENTS:

190

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 21.65 x 0.80 = -- (Total Depth of Well) 45.13

Signature: [illegible]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-21-09 WELL NO. MW019A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 85 °F

FIELD PERSONNEL: SB WEATHER: PC. Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 37.00 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 72.05 FT.

D. Height of Water Column in casing (h = TD - SWL): 35.05 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1254

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1304	3.34	49.4	7.16	21.89	1725	43.82
1309	3.67	52.7	7.15	22.08	1801	44.15
1314	3.96	54.9	7.15	22.29	1841	43.61
1319	3.91	57.0	7.14	22.34	1872	43.40

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1319		

COMMENTS:

185 lb

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 35.05 x 0.80 = – (Total Depth of Well) 44.01

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-21-09 WELL NO. MW0725A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 87 °F

FIELD PERSONNEL: SB WEATHER: PC. Lt wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.24 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 93.34 FT.

D. Height of Water Column in casing (h = TD - SWL): 43.10 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1347

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1357	3.78	60.3	7.09	22.31	2037	50.38	
	1402	3.26	58.5	7.08	22.18	2009	50.38	
	1407	2.68	56.0	7.07	22.05	1988	50.38	
	1412	2.42	55.8	7.06	22.18	1984	50.38	
	1417	2.28	55.9	7.05	22.05	2001	50.38	
	1422							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1409		

COMMENTS:

195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 43.10 x 0.80 = -- (Total Depth of Well) 58.86

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-26-08 WELL NO. MW076 SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: SB WEATHER: PC Lt wind

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 52.45 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 93.78 FT.

D. Height of Water Column in casing (h = TD - SWL): 41.33 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1440

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1450	4.28	59.1	7.05	22.99	2949	52.59	
	1455	4.28	59.8	7.04	22.72	3028	52.60	
	1500	4.19	65.4	7.02	22.48	3051	52.60	
	1505							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1500		

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 41.33 x 0.80 = -- (Total Depth of Well) 60.72

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

Dup #201

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. MW075SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 84 °F

FIELD PERSONNEL: SB WEATHER: Clear Windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 06F1362AB

Spec. Conductivity: Standard: 1.413 Reading: 1.419 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.98 ; **ORP:** Standard: 240 Reading: 240 ; **DO:** T°C: 24.96 mmHg: 688.7 DO Conc.: 7.63

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.80 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 65.58 FT.

D. Height of Water Column in casing (h = TD - SWL): 14.78 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1010

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1020	4.70	101.5	6.96	22.73	3086	51.61	
	1025	4.90	63.7	6.96	22.67	3133	51.62	
	1030	5.13	69.5	6.96	22.52	3186	51.63	
	1035	5.24	71.3	6.96	22.43	3225	51.63	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1035		
Dup #201			

COMMENTS:

192 ft

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 14.78 x 0.80 = (Total Depth of Well) 53.76

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. MW074SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 88 °F

FIELD PERSONNEL: SB WEATHER: Clear windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.14 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.37 FT.

D. Height of Water Column in casing (h = TD - SWL): 18.23 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1105

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1115	5.10	98.8	7.01	22.54	2973	48.73	
	1120	5.10	100.5	7.01	22.48	2959	49.75	
	1125	5.05	102.4	7.02	22.45	2956	48.75	
	1130							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1125		

COMMENTS:

192 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 18.23 x 0.80 = -- (Total Depth of Well) 51.79

Signature: SB

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-9 WELL NO. MW026

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 94 °F

FIELD PERSONNEL: BB WEATHER: Clear, windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.52 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.72 FT.

D. Height of Water Column in casing (h = TD - SWL): 12.20 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1330

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1340	3.62	85.7	6.89	25.69	3335	52.25
1345	3.87	89.0	6.86	25.98	3511	52.28
1350	4.10	93.6	6.83	28.00	3711	52.30
1355	4.47	99.4	6.81	24.18	3868	52.31
1400	4.63	106.6	6.81	23.93	3912	52.32
1405	4.55	110.4	6.81	23.81	3929	52.32
1410	4.28	114.0	6.81	23.77	3948	53.33

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1410		

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 12.20 x 0.80 = -- (Total Depth of Well) 52.96

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. Woodville

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 91 °F

FIELD PERSONNEL: WEATHER: Clear windy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: _____ FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1150		

COMMENTS: Purging Domestic water well do Parameters

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: _____ x 0.80 = -- (Total Depth of Well)

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. MW028

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 82 °F

FIELD PERSONNEL: J. Longwell / J. Premeau WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 70.59 ~~85.01~~ SL FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 85.01 ~~70.59~~ SL FT.

D. Height of Water Column in casing (h = TD - SWL): 14.42 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1015

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1017	3.47	144.6	7.01	24.21	2.346	72.60
1022	2.09	118.6	7.23	23.89	2.319	71.65
1027	2.18	104.7	7.29	24.11	2.268	71.67
1032	2.10	91.1	7.31	24.63	2.335	71.60
1037	1.46	79.2	7.33	25.34	2.405	71.59
1042	1.29	68.2	7.35	26.09	2.404	71.54
1047	1.35	59.1	7.35	26.80	2.420	71.51
1052	1.28	52.3	7.35	27.31	2.426	71.49

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1052	40 mL VOA (3)	HCl
TPH DRO		1000 mL Amber (2)	HCl
Cl, TDS, Cr6+		1000 mL Poly (1)	—
		500 mL Poly (1)	—

COMMENTS: Fe, As, Cr, Mn

No Color / Clear / No Odor

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 14.42 x 0.80 = -- (Total Depth of Well) ~~80.00~~ 73.91

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. MW068

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90° °F

FIELD PERSONNEL: DJL WEATHER: HOT BREZY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 67.02 FT.

B. Thickness of Free Product, if present: _____ Inches — FT.

C. Total Depth of well (TD) from top of casing/piezometer: 112.42 FT.

D. Height of Water Column in casing (h = TD - SWL): 45.40 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1109

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1110	3.73	91.7	6.51	25.99	41.84	67.74	
	1115	0.92	73.9	6.52	24.58	39.00	67.54	
	1120	0.60	42.9	7.07	23.27	14.93	67.53	
	1125	0.61	28.5	7.06	22.92	7.314	67.53	
	1130	0.62	26.8	7.02	22.93	6.495	67.52	
	1135	0.70	25.5	7.01	23.13	6.406	67.54	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/TPH GRO	1135	40ml/Vol 3	HCl
TPH/DRO		1000 Amber-2	HCl
Cl/TDS/Cr6		1000 poly	—
		500ml poly	—

COMMENTS: Fe, As, Cl/Mn
VERY SILTY

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 45.40 x 0.80 = -- (Total Depth of Well) 76.10

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. MW060

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: SPJL WEATHER: HOT BREEZY

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 56.60 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.16 FT.

D. Height of Water Column in casing (h = TD - SWL): 45.56 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1150

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1151	5.81	48.6	7.01	25.20	6.318	57.00	
	1156	1.26	-16.3	7.45	23.88	5.432	57.13	
	1201	0.55	-34.5	7.01	24.24	5.370	57.12	
	1206	0.52	-45.5	7.04	24.36	5.374	57.13	
	1211	0.60	-50.4	7.01	24.52	5.397	57.13	
	1216	0.74	-57.7	7.01	24.33	5.416	57.14	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX-TPH GRO	1216	40ml VOA / 3	HCl
TPH DRO		1000ml Amb / 2	HCl
Cl/TDS/Cr6		1000ml plastic / 1	—
COMMENTS: Fe/As/Cr/Mn		500ml plastic / 1	

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 45.56 x 0.80 = -- (Total Depth of Well) 65.71

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. MW029

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 95 °F

FIELD PERSONNEL: SDL WEATHER: Hot Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 65.52 FT.

B. Thickness of Free Product, if present: _____ Inches — FT.

C. Total Depth of well (TD) from top of casing/piezometer: 81.04 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.12 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1312

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1314	2.43	-0.7	6.94	29.74	5.405	66.54	
	1319	5.53	~~-23.6~~ *	8.18	27.08	1.694	66.67	
	1324	6.13	~~-49.7~~ *	7.45	24.74	1.183	66.70	
	1329	6.21	~~-49.7~~ * 14.3	7.43	24.46	1.130	66.70	
	1334	6.21	16.8	7.41	24.55	1.125	66.70	
	1339	6.17	22.5	7.39	24.38	1.126	66.70	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX-TPH GRO	1339	40ml/VOA - 3	HCL
TPH-DRO		1000ml/Am/2	HCL
Cl/TDS/Cr6		1000ml/PV/1	—
		500ml/PV/1	—

COMMENTS: Fe/As/Cr/Mn
VERY SILTY
* RECORDING ERROR

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.12 x 0.80 = -- (Total Depth of Well) 68.94

Signature:

8/2008

* DUP-103 *

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 4-24-09 WELL NO. MW033

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 95 °F

FIELD PERSONNEL: SR/JL WEATHER: Hot

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.34 FT.

B. Thickness of Free Product, if present: _____ Inches — FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.96 FT.

D. Height of Water Column in casing (h = TD - SWL): 15.62 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1409

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1410	9.04	36.1	7.36	24.66	1.156	47.89	
	1415	0.90	-174.1	7.13	25.06	3.355	48.80	
	1420	0.28	-203.6	7.16	24.61	3.295	48.84	
	1425	0.35	-214.6	7.20	24.52	3.261	48.86	
	1430	0.33	-213.7	7.20	24.61	3.263	48.88	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX-TPHGRO	1430	40ml / VOA / 3	HCL
TPHDRO		1000ml / Am / 2	HCL
Cl/TDS/Cr.6		1000ml / P / 1	—
		500ml / P / 1	—

COMMENTS: Fe/As/Cr/Mn * DUP-103 * Very Silty / Very strange order

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 15.62 x 0.80 = – (Total Depth of Well) 50.46

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-24-09 WELL NO. MW069

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 95 °F

FIELD PERSONNEL: JP/JL WEATHER: Hot/Partly Cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 63.09 FT.

B. Thickness of Free Product, if present: _____ Inches — FT.

C. Total Depth of well (TD) from top of casing/piezometer: 112.51 FT.

D. Height of Water Column in casing (h = TD - SWL): 49.42 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1453

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1454	4.85	-122.1	7.20	27.30	5.358	63.64	
	1459	0.64	-49.4	6.60	23.58	23.80	63.80	
	1504	0.58	-54.6	6.53	23.56	15.22	63.78	
	1509	0.56	-53.0	6.51	24.13	13.05	63.77	
	1514	0.57	-51.9	6.54	24.33	11.61	63.77	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 168 gal

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/TPH GRO	1514	40ml/VOA/3	HCL
TPH DRO		1000ml/Amb/2	HCL
Cl/Cr6/TDS		1000ml/P/1	—
COMMENTS: Fe/As/Cr/Mn		500ml/P/1	—

5-17-4

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 49.42 x 0.80 = -- (Total Depth of Well) 72.97

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8/21/09 WELL NO. MW0735A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 78 °F

FIELD PERSONNEL: Jerry Longwell / Sonya Gonzales WEATHER: light breeze, sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.97 FT.

B. Thickness of Free Product, if present: _____ Inches FT.

C. Total Depth of well (TD) from top of casing/piezometer: 48.14 FT.

D. Height of Water Column in casing (h = TD - SWL): 20.62 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1007

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1008	3.05	203	6.86	24.31	2.045	48.55	
	1013	1.69	179.4	6.72	21.75	1.827	48.50	
	1018	1.35	162.7	6.73	21.90	1.806	48.50	
	1023	1.20	145.1	6.79	22.11	1.790	48.50	
	1028	1.17	(126.0) 136.0	6.82	22.10	1.792	48.50	
	1033	1.15	128.0	6.84	22.17	1.795	48.50	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX, TPH, GRO	1033	40ml Voa (3)	HCl
TPHDRO		1000 ml Amber (2)	HCl
TDS, Cl, Cr let		1000 poly (1)	—
		500 ml poly (1)	—

COMMENTS: Fe, As, Cr, Mn

177 Hz @1010 very silty, no color, no odor.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 20.62 x 0.80 = -- (Total Depth of Well) 52.09

Signature: Sonya Gonzales / Jerry Longwell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8/21/09 WELL NO. MW057SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 82 °F

FIELD PERSONNEL: Jerry Longwell / Sonya Gonzales WEATHER: Slight breeze, sunny, warm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.58 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 70.88 FT.

D. Height of Water Column in casing (h = TD - SWL): 25.30 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1056

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1057	5.92	91.7	6.95	22.41	2.034	46.59	
	1102	5.68	98.3	6.88	20.77	2.182	46.81	
	1107	5.26	98.9	6.88	21.91	2.196	46.19	
	1112	5.32	95.6	6.92	22.04	2.221	46.19	
	1117							
	1122							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX, TPH GRO	1112	40 ml Voa (3)	HCl
TPHDRO	1112	1000 ml Amber (2)	HCl
TDS, Cl, Cr6+	1112	1000 poly (1)	—
		500 ml poly (1)	—

COMMENTS: Fe, As, Cr, Mn
19 Hz clear, no color, no odor

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 25.30 x 0.80 = -- (Total Depth of Well) 56.70

Signature: Sonya Gonzales, Jerry Longwell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8/21/09 WELL NO. MW018A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 84 °F

FIELD PERSONNEL: Jerry Longwell/Sonya Gonzales WEATHER: light breeze, sunny warm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 36.49 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 81.33 FT.

D. Height of Water Column in casing (h = TD - SWL): 44.84 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1131

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1132	5.90	79.1	6.94	23.42	2.301	36.88	
	1137	3.80	1658	7.71	21.43	1.363	45.23	
	1142	4.18	64.8	7.63	21.43	1.367	* 45.75 *	see comments
	1147	4.50	63.6	7.47	21.62	1.410	46.11	
	1152	4.68	65.1	7.34	21.63	1.478	46.32	
	1157	4.24	166.7	7.31	21.68	1.497	~~46.46~~ 46.42	SG
	1202							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX, TPHGRO	1157	40 ml Voa (3)	HCl
TPH DRO	1157	1000 ml Amber (2)	HCl
TDS, Cl, Cr 6+	1157	1000 ml poly (1)	—
Fe, As, Cr, Mn	1157	500 ml poly (1)	—

COMMENTS: 173 ft Clear, no odor

* Pump control is @ low flow rate. *

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 44.84 x 0.80 = -- (Total Depth of Well) 45.45

Signature: Sonya Gonzales Jerry Longwell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-21-09 WELL NO. MW016A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: Jerry Longwell / Sonya Gonzales WEATHER: Sunny, light breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 38.96 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 91.37 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.41 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1235

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1237	6.48	64.4	8.16	25.58	1.534	40.65	
	1242	5.35	67.1	7.21	22.65	1.826	42.25	
	1247	5.33	65.16	7.22	22.63	1.803	42.75	
	1252	5.36	64.0	7.22	22.71	1.813	42.93	
	1257							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX, TPHGRO	1252	40 ml VOA (3) → 56	HCl
TPHORO	1252	1000 ml Amber (2)	HCl
TDS, Cl, Cr 6+	1252	1000 ml poly (1)	—
	1252	500 ml poly (1)	—

COMMENTS: Fe, As, Cr, Mn
173 Hz Clear, no odor

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.41 x 0.80 = – (Total Depth of Well) 49.44

Signature: Sonya Gonzales, Jerry Longwell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8/21/09 WELL NO. MW015A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 94 °F

FIELD PERSONNEL: Jerry Longwell / Sonya Gonzales WEATHER: light breeze, sunny, clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 39.28 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.00 FT.

D. Height of Water Column in casing (h = TD - SWL): 65.72 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1307

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1308	6.56	53.7	7.72	24.38	1.850	39.82	
	1313	3.67	65.3	6.93	22.99	5.848	46.20	
	1318	3.55	59.1	6.97	23.53	5.614	48.06	
	1323	3.38	52.4	7.02	24.27	5.656	50.43	
	1328	3.30	45.3	7.02	24.78	5.812	50.10	
						0.	~~49.80~~	SG

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX, TPHGRO	1328	40ml Voa (3)	HCl
TPHDRO	1328	1000ml Amber (2)	HCl
TDS, Cl, Cr 6+	1328	1000 ml poly (1)	—
	1328	500 ml poly (1)	—

COMMENTS: Fe, As, Cr, Mn
173 Hz clear, odorless

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 65.72 x 0.80 = -- (Total Depth of Well) 49.42

Signature: Sonya Gonzales, Jerry Longwell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8/21/09 WELL NO. MW040A ~~BA~~ SC

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 94 °F

FIELD PERSONNEL: Jerry Longwell / Sonya Gonzales WEATHER: sunny, light breeze, warm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 42.17 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 109.85 FT.

D. Height of Water Column in casing (h = TD - SWL): 67.68 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1343

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1344	4.85	37.2	7.40	25.35	6.306	42.51	
	1349	5.37	16.0	7.75	22.05	0.817	48.21	
	1354	5.05	11.6	7.76	22.50	0.739	49.63	
	1359	5.33	15.4	7.75	22.79	0.740	49.80	
	1404	5.46	13.9	7.76	22.93	0.739	49.93	
	1409							

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 160 gal. on-site tanks in plant.

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX, TPH GRO	1404	40 ml Voa (3)	HCl
TPH DRO	1404	1000 ml amb (2)	HCl
TDS, Cl, Cr 6+	1404	1000 ml poly (1)	—
Fe, As, Cr, Mn	1404	500 ml poly (1)	—

COMMENTS: 195 Hz clear, odorless.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 67.68 x 0.80 = (Total Depth of Well) 55.70

Signature: Sonya Gonzales / Jerry Longwell

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW067SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 87 °F

FIELD PERSONNEL: J. Longwell WEATHER: P. Cloudy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 17610051 3

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.98 ; **ORP:** Standard: 240 Reading: 240.0 ; **DO:** T°C: ~~7.00~~ 28.38 mmHg: 7.00 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.35 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 84.20 FT.

D. Height of Water Column in casing (h = TD - SWL): 37.85 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1045

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1046	1.90	75.8	6.74	29.97	5,600	46.88	
	1051	4.43	53.8	9.01	22.26	1,710	46.84	
	1056	4.23	65.4	6.95	22.51	1,555	46.84	
	1101	4.22	67.1	6.97	22.52	1,545	46.84	
	1106	4.23	65.9	6.99	22.46	1,544	46.84	
	1111							
	1116							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1106	40 ml VOA (3)	HCl
TPH DRO		1000 ml Amber (2)	HCl
Cl, TDS, Cr, Se		1000 ml Poly (1)	—
Fe, As, Cr, Mn		500 ml Poly (1)	—

COMMENTS:

No Color / No Odor / @ 1448 very silty 183 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 37.85 x 0.80 = (Total Depth of Well) 53.92

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW053SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 87 °F

FIELD PERSONNEL: J. Longwell WEATHER: P.Cloudy / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 41.97 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.33 FT.

D. Height of Water Column in casing (h = TD - SWL): 26.36 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1128

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1130	6.21	62.5	7.12	24.82	1.646	43.85	
	1135	4.80	62.5	7.22	22.43	1.461	44.05	
	1140	4.81	63.8	7.22	22.43	1.423	44.08	
	1145	4.80	64.6	7.22	22.51	1.414	44.10	
	1150							
	1155							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/TPH GRO	1145	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
TDS, Cl, Br, SO4		1000mL Poly (1)	—
Fe, As, Cr, Mn		500mL Poly (1)	—

COMMENTS: No Color / No Odor / Clear 192 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 26.36 x 0.80 = -(Total Depth of Well) 42.24

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW0785A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 88 °F

FIELD PERSONNEL: J. Longwell WEATHER: P. Cloudy / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 44.50 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.15 FT.

D. Height of Water Column in casing (h = TD - SWL): 23.65 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1159

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1201	6.21	60.9	7.30	26.79	1.349	45.04	
	1206	3.26	59.3	7.18	22.39	1.368	45.04	
	1211	1.95	56.3	7.22	21.95	1.172	45.04	
	1216	1.76	54.6	7.21	21.90	1.166	45.04	
	1221	1.68	53.3	7.20	21.94	1.166	45.04	
	1226	1.64	52.2	7.20	22.01	1.169	45.04	
	1231							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1226	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
TDS, Cl, Cr 6+		1000mL Poly (1)	—
Fe, As, Cr, Mn		500mL Poly (1)	—

COMMENTS:

No Color / No Odor / Clear 180 Hz.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 23.65 x 0.80 = -- (Total Depth of Well) 49.23

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW015

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 88 °F

FIELD PERSONNEL: J. Longwell WEATHER: P. Woody / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 39.35 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 54.05 FT.

D. Height of Water Column in casing (h = TD - SWL): 14.70 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1326

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1328	3.46	6.7	7.36	30.59	6.132	40.25	
	1333	4.98	44.3	6.77	21.98	5.705	40.33	
	1338	4.92	47.2	6.78	21.85	5.650	40.35	
	1343	4.89	52.1	6.78	21.86	5.641	40.35	
	1348							
	1353							
	1358							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1343	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
Cl, TDS, Cr6+		1000mL Poly (1)	—
Fe, As, Cr, Mn		500mL Poly (1)	—

COMMENTS: No Color / No Odor / Silty 180 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 14.70 x 0.80 = -- (Total Depth of Well) 92.29

Signature:

8/2008

DUP-102

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-20-09 WELL NO. MW025

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 92 °F

FIELD PERSONNEL: J. Lowswell WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) **QED** Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.31 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 66.09 FT.

D. Height of Water Column in casing (h = TD - SWL): 14.79 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1406

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1407	5.05	46.6	6.86	28.21	5.180	52.06	
	1412	2.39	34.2	6.88	25.63	2.357	51.88	
	1417	1.21	30.0	6.85	24.44	2.300	51.88	
	1422	1.08	25.6	6.89	24.39	2.390	51.88	
	1427	1.02	15.4	6.97	24.34	2.422	51.88	
	1432	1.01	11.3	6.97	24.13	2.413	51.88	
	1437	0.99	10.0	6.99	24.30	2.406	51.88	
	1442							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1437	40ml VOA (3) + (3)	HCl
TPH DRO		1000ml Amber (2) + (2)	HCl
Cl, TDS, Cr, Cd		1000ml Poly (1) + (1)	—
Fe, As, B, Mn		500ml Poly (1) + (1)	—

COMMENTS: / No Odor / Clear 180142

DUP-102

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: _____ x 0.80 = -- (Total ~~Depth of~~ Well) 54.26

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-19-09 WELL NO. MW027

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 83° °F

FIELD PERSONNEL: J. Longwell / J Premeda WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.00 ; **ORP:** Standard: 240 Reading: 240.0 ; **DO:** T°C: 28.16 mmHg: 7.03 DO Conc.: 0

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 62.52 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 71.51 FT.

D. Height of Water Column in casing (h = TD - SWL): 8.99 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1000

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1015	6.59	196.2	6.71	24.01	2.445	62.72	
	1020	5.61	186.5	6.82	23.25	2.465	62.80	
	1025	5.50	178.1	6.86	23.40	2.454	63.03	
	1030	5.63	170.9	6.87	23.31	2.441	63.20	
	1035							
	1040							
	1045							

PURGE WATER STORED/DISPOSED OF WHERE/HOW: <1.5 bbl

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1030	40.c VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
TDS, Cl, Cr 6+		1000ml Poly (1)	—
Fe, As, Cr, Mn		500.c Poly (1)	—

COMMENTS: No Color / No Odor / Silty.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 8.99 x 0.80 = -- (Total Depth of Well) 64.31

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-19-08 WELL NO. MW010

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 85 °F

FIELD PERSONNEL: T. Longwell / J. Pineda WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) **QED** Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading :Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 39.31 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 64.58 FT.

D. Height of Water Column in casing (h = TD - SWL): 25.27 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1109

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1111	5.54	49.2	7.79	32.23	2.840	40.05	
	1116	4.00	63.8	6.45	24.88	7.807	39.89	
	1121	3.92	78.1	6.43	23.65	8.320	39.50	
	1126	3.88	85.1	6.47	23.67	8.179	39.20	
	1131	3.92	89.1	6.48	23.68	8.098	3.990	
	1136							
	1141							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPHGRO	1131	40-C VOA (3)	HCl
TPH DRO		1000 mL Amber (2)	HCl
TDS, Cl, Cr6+		1000 mL Poly (1)	—
Hg, As, Cr, Mo		500 mL Poly (1)	—

COMMENTS:

183 Hz

No Color / No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 25.27 x 0.80 = -- (Total Depth of Well) 44.36

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-19-09 WELL NO. MW024

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 88 °F

FIELD PERSONNEL: J. Longwell / J. Primerio WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) **QED** Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.74 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 89.21 FT.

D. Height of Water Column in casing (h = TD - SWL): 37.97 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1200

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1204	4.39	76.5	6.87	32.88	2.294	52.07	
	1209	1.87	77.8	6.77	23.39	2.729	52.10	
	1214	1.37	78.7	6.77	22.75	2.823	52.10	
	1219	1.31	79.4	6.77	22.75	2.851	52.10	
	1224	1.29	79.5	6.76	22.75	2.876	52.10	
	1229							
	1234							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1224	40ml VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
TDS, Cl, Cr 6+		1000ml Poly (1)	—
Fe, As, Cr, Mn		500ml Poly (1)	—

COMMENTS:

195 Hz No Color / No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 37.97 x 0.80 = -(Total Depth of Well) 58.85

Signature:

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-19-09 WELL NO. MW058

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 89 °F

FIELD PERSONNEL: T. Longwell / J. Romero WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 56.56 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 111.88 FT.

D. Height of Water Column in casing (h = TD - SWL): 54.62 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1243

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1245	5.13	72.5	6.93	28.14	4.765	NR	
	1251	3.89	81.4	6.84	23.13	5.635	57.03	
	1256	3.67	88.2	6.85	22.74	5.758	57.08	
	1301	3.78	91.2	6.85	22.67	5.735	57.08	
	1306							
	1311							
	1316							
	1321							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1301	40ml VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
TDS, Cl, Cr 6+		1000ml Poly (1)	—
Hg, As, Cr, Mn		500ml Poly (1)	—

COMMENTS: (No Color) / No Odor / Slight Silty 214 HZ
(Light Green @ Sample)

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 54.62 x 0.80 = -- (Total Depth of Well) 67.48

Signature:

8/2008

(A DUP-101 A)

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-18-08 WELL NO. MW061

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 92 °F

FIELD PERSONNEL: J. Longwell / J. Francis WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 58.65 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 110.66 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.01 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1345

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1348	2.33	4.7	6.80	28.93	5.810	58.89	
	1353	0.67	6.9	6.84	24.01	5.798	58.86	
	1358	0.59	12.0	6.87	23.69	5.805	58.86	
	1403 ~~1348~~	0.61	16.1	6.89	23.52	5.789	58.86	
	1408 ~~1353~~							
	1413 ~~1358~~							
	1418 ~~1358~~							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1403	40mL VOA (3) + (3)	HCl
TPH DRO		1000mL Amber (2) + (2)	HCl
TDS, Cl, Cr 6+		1000mL Poly (1) + (1)	—
COMMENTS: Fe, As, Cr, Mn		500mL Poly (1) + (1)	—

A 205 Hz

(DUP-101) Lgt. Green Color / No Odor / Slight Silty

A

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.01 x 0.80 = (Total Depth of Well) 69.05

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-18-09 WELL NO. MW018

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 95 °F

FIELD PERSONNEL: J. Lowswell / J. Francis WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 36.83 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 53.89 FT.

D. Height of Water Column in casing (h = TD - SWL): 17.06 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1430

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1432	5.24	5.4	7.29	33.00	1.227	37.35	
	1437	6.09	21.9	6.85	24.14	2.056	37.44	
	1442	6.15	35.2	6.89	22.73	1.984	37.45	
	1447	6.22	42.9	6.90	22.52	1.989	37.47	
	1452	6.19	42.7	6.81	22.49	1.882	37.47	
	1457							
	1502							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO		40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
TDS, Cl, Cr6+		1000mL Poly (1)	—
Fe, As, Cr, Mn		500mL Poly (1)	—

COMMENTS: No Color / No Odor / Clear 185 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 17.06 x 0.80 = – (Total Depth of Well) 40.24

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 3 Apr 2009 WELL NO. MW062A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 98 °F

FIELD PERSONNEL: JP/JL WEATHER: Hot clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 55.45 FT.

B. Thickness of Free Product, if present: _____ Inches ~~FT.~~

C. Total Depth of well (TD) from top of casing/piezometer: 110.55 FT.

D. Height of Water Column in casing (h = TD - SWL): 55.01 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1446

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1448	7.80	60.4	7.30	26.22	0.791	58.94	
	1453	5.60	49.4	7.54	23.64	0.720	60.13	
	1458	5.48	49.3	7.52	24.57	0.722	59.21	
	1503	5.54	46.6	7.54	25.78	0.727	58.28	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
HEX-Cr	1503	1	None
Metals		1	None
BTEX-GRO		3	HCl
TPH-DRO		2	HCl

COMMENTS:

224Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 55.01 x 0.80 = -- (Total Depth of Well) 66.54

Signature: JP

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-4-09 WELL NO. MW263A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 95 °F

FIELD PERSONNEL: JP/DL WEATHER: CLEAR/HOT

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 56.05 FT.

B. Thickness of Free Product, if present: _____ Inches — FT.

C. Total Depth of well (TD) from top of casing/piezometer: 108.56 FT.

D. Height of Water Column in casing (h = TD - SWL): 52.51 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1240

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1242	6.22	90.4	7.28	30.12	0.781	58.03	*
	1247	6.55	79.0	7.47	23.74	0.733	67.06	
	1252	5.19	77.1	7.48	24.24	0.728	67.06	
	1257	4.69	72.0	7.57	25.72	0.737	66.61	
	1302	5.07	64.9	7.57	25.11	0.735	66.50	
	1307	5.44	61.0	7.59	25.18	0.735	66.53	
	1312	5.63	64.1	7.56	25.34	0.734	59.00	
	1317							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
HEX-Cr	1312	1 1000ml / poly	NONE
Metals		1 500ml / poly	NONE
BTEX-602D		3 40ml / VIAL	HCL
TRH/DRO		2 1000ml / Amber	HCL

COMMENTS:

*STARTED AT 230 Hz ADJUSTED TO 195 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 52.51 x 0.80 = 66.55 (Total Depth of Well)

Signature: JP

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-4-09 WELL NO. MW013A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 98 °F

FIELD PERSONNEL: JP/JL WEATHER: Hot/Clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 43.30 FT.

B. Thickness of Free Product, if present: _____ Inches 105.96 FT.

C. Total Depth of well (TD) from top of casing/piezometer: ——— FT.

D. Height of Water Column in casing (h = TD - SWL): 62.66 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1329

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1331	10.25	47.6	7.26	24.33	0.851	44.40	
	1336	7.26	56.6	7.32	23.20	0.883	51.94	
	1341	6.30	46.6	7.69	23.59	0.868	52.96	
	1346	6.33	65.4	7.28	23.77	0.855	53.49	
	1351	6.53	55.5	7.55	23.79	0.839	53.70	
	1356	6.55	52.9	7.58	23.78	0.828	53.84	
	1401	6.43	50.1	7.61	23.94	0.825	53.92	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Hex-Cr	1401	1-1000ml poly	N/A
Metals		1-500ml poly	N/A
BTEX-TPH GRO		3-40ml vials	HCL
TPH-DRO		2-1000ml Ambers	HCL

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 62.66 x 0.80 = -- (Total Depth of Well) 55.83

Signature: JP

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-4-09 WELL NO. MW031

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 100 °F

FIELD PERSONNEL: WEATHER: Hot/Clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 :ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 59.58 FT.

B. Thickness of Free Product, if present: _____ Inches ——— FT.

C. Total Depth of well (TD) from top of casing/piezometer: 76.99 FT.

D. Height of Water Column in casing (h = TD - SWL): 17.41 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1417

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1419	7.87	34.7	7.29	26.22	0.887	60.91	
	1424	1.57	30.4	6.87	24.72	1.081	60.70	
	1429	0.86	16.9	6.92	24.78	1.077	60.68	
	1434	0.70	0.4	6.97	25.04	1.063	60.71	
	1439	0.69	-10.2	7.02	25.10	1.050	60.69	
	1444	0.57	-17.2	7.06	25.09	1.040	60.69	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 82 gal. inside plant @ sump.

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
HoCr	1444	1-1000ml P	N/A
Metals		1-500ml P	N/A
BTEX-TPHGRO		3-40ml V	HCL
		2-1000ml A	HCL

COMMENTS: TPHDRO

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 17.41 x 0.80 = -- (Total Depth of Well) 63.06

Signature: JP

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-6-09 WELL NO. MW021A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: JSC / AB WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07B100513

Spec. Conductivity: Standard: 1,413 Reading: 1,413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 10.06 ; **ORP:** Standard: 240 Reading: 239.9; **DO:** T°C: 35.78 mmHg: 612 DO Conc.: X

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.46 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 87.50 FT.

D. Height of Water Column in casing (h = TD - SWL): 41.04 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION: _____

OBSERVATIONS: **Purging Start Time:** 1154

Time	DO mg/L (±10%)	ORP mV (±10mV)	pH(±0.1)	Temp °C (±3%)	Conduct. mS/cm (±3%)	SWL
1155	8.30	195.8	6.49	22.29	7.590	51.64
1200	2.00	173.6	6.53	23.33	11.77	53.85
1205	1.69	160.1	6.55	23.49	13.81	54.03
1210	1.15	149.2	6.53	24.01	15.71	54.08
1215	1.04	138.8	6.51	24.36	16.72	54.14
1220	0.96	129.1	6.51	24.63	17.40	54.19
1225	0.96	120.9	6.51	24.63	17.74	54.23
12:30	0.88	113.8	6.52	24.76	18.00	54.25

PURGE WATER STORED/DISPOSED OF WHERE/HOW: _____

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1230	40mL VOA (3)	HCl
TPH DRO		(Liter) 1000mL Amber (2)	HCl
Fe, As, Cr, Mn		500mL Poly (1)	—
TDS, Cl, Cr-6		1000mL Poly (1)	—

COMMENTS:

186 Hz No Color / No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 46.04 x 0.80 = -- (Total Depth of Well) 54.66

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-6-09 WELL NO. MW021

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90° °F

FIELD PERSONNEL: LG / JL WEATHER: Clear Hot

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 45.77 FT.

B. Thickness of Free Product, if present: _____ Inches Ø FT.

C. Total Depth of well (TD) from top of casing/piezometer: 62.38 FT.

D. Height of Water Column in casing (h = TD - SWL): 16.61 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1243

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1248	~~18~~ 2.38	101.4	6.48	25.18	18.58	46.37
1249	1.32	52.5	7.07	23.38	2.291	47.03
1254	1.03	53.2	7.01	23.08	2.001	47.08
1259	1.08	53.4	6.99	23.25	2.025	47.08
1304	1.06	53.1	6.97	23.32	2.060	47.09
1309	1.02	52.5	6.95	23.05	2.086	47.10

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1310		

COMMENTS: No Clear/Clear 186 l/c on Cooler Box

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 16.61 x 0.80 = – (Total Depth of Well) 49.1

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-6-09 WELL NO. MW032

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: AJ/JL WEATHER: Clear Hot

EQUIPMENT CALIBRATION: YSI QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 62.00 FT.

B. Thickness of Free Product, if present: _____ Inches Ø FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.76 FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: Grundfos Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 13:27

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1329	4.59	54.0	7.01	27.68	1.868	
1334	7.10	49.7	7.15	28.61	1.305	61.84
1339	7.52	54.1	7.06	30.53	1.306	61.73
1344	7.12	65.89	7.02	31.21	1.487	61.68
1349	6.74	69.5	7.02	31.50	1.571	61.64
1354						
1359						

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1356		

COMMENTS: No Color/Clear 193 H2 on Control Box
(13:50 Well pumped off)

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 6.76 x 0.80 = (Total Depth of Well) 63.36

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-6-09 WELL NO. HW066SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90° °F

FIELD PERSONNEL: AG/SL WEATHER: Hot Clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.32 ~~49.83~~ FT.

B. Thickness of Free Product, if present: _____ Inches ~~0~~ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 68.74 FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 14:23

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
14:24	9.23	29.5	6.92	32.39	1.775	49.83
14:29	1.60	40.4	6.56	24.07	4.352	50.19
1434	1.22	39.7	6.59	23.96	4.353	50.19
1439	0.88	35.1	6.61	23.93	4.347	50.20
1444	0.78	32.7	6.63	24.32	4.339	50.21
1449	0.80	30.1	6.63	24.41	4.352	50.21

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	14:51		

COMMENTS: 182.70 Mz, No Color, Clear Moderate

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 19.42 x 0.80 = (Total Depth of Well) 53.21

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-6-09 WELL NO: MW065SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90° °F

FIELD PERSONNEL: [illegible] WEATHER: Hot Clear

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.32 FT.

B. Thickness of Free Product, if present: _____ Inches ~~0~~ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 82.27 FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1516

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1519	6.83	39.5	6.73	24.95	3.998	51.59	
	1524	8.87	54.1	6.86	24.06	4.155	51.83	
	1529	8.58	62.6	6.90	23.95	4.135	51.85	
	1534	8.29	69.8	6.93	23.99	4.132	51.87	
	1539	8.29	77.5	6.93	23.78	4.125	51.87	
	1544	8.29	79.2	6.93	23.74	4.130	51.87	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 160 gal @ sump inside plant

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
	1546		

COMMENTS: (185.20 MHz on Bailed Bay)

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 30.95 x 0.80 = -- (Total Depth of Well) 57.51

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-10-09 WELL NO. MW07LSA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 80 °F

FIELD PERSONNEL: JSh WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 49.83 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 91.21 FT.

D. Height of Water Column in casing (h = TD - SWL): 41.38 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1313

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1314	4.23	73.8	6.78	32.81	4.125	49.80	
	1319	0.89	67.2	6.51	22.91	3.925	49.80	
	1324	0.79	62.5	6.55	22.80	3.899	49.79	
	1329	0.93	57.8	6.58	22.76	3.872	49.80	
	1334	0.74	57.4	6.58	22.63	3.900	49.80	
	1339	0.62	56.7	6.55	22.76	3.921	49.80	
	1344	0.59	54.2	6.56	22.64	3.927	49.80	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1344	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
Fe, As, Cr, Mn		500mL Poly (1)	None
TDS, Cl, Cr 6+		1000mL Poly (1)	None

COMMENTS: @ 1315 Slight Sheen / No Color / No Odor 185 Hz

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 41.38 x 0.80 = -- (Total Depth of Well) 57.77

Signature:

8/2008

DUP-100

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-10-09 WELL NO. MW086SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 92 °F

FIELD PERSONNEL: Jerry S. Longwell WEATHER: Clear/Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.67 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 92.79 FT.

D. Height of Water Column in casing (h = TD - SWL): 42.12 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1359

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1400	5.31	72.6	6.58	25.02	4.755	50.72	
	1405	3.12	74.3	6.62	22.23	5.834	50.72	
	1410	2.43	73.2	6.66	22.32	5.741	50.71	
	1415	2.41	71.6	6.68	22.54	5.683	50.71	
	1420							

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 123 gal. @ sump inside plant

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1415	40 ml VOA (3)	HCl
TPH DRO		1000 ml Amber (2)	HCl
Fe, As, Cr, Mn, TDS, Cl, Cr, Sol		500 ml Poly (1)	—
		1000 ml Poly (1)	—

COMMENTS:

185 ft No Color / No Odor / Clear

DUP-100

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 42.12 x 0.80 = – (Total Depth of Well) 59.09

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-11-09 WELL NO. IW023

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90°F °F

FIELD PERSONNEL: Steve Bell / Jerry Langwell WEATHER: Clear / Calm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240.0 ; **DO:** T°C: 28.33 mmHg: 7.06 DO Conc.: X

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.33 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 100.53 FT.

D. Height of Water Column in casing (h = TD - SWL): ~~[illegible]~~ 53.20 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1138

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1147	6.31	114.4	6.54	23.63	3.792	47.31	
	1147	4.07	107.5	6.65	23.44	3.768	47.30	
	1152	3.94	106.0	6.70	23.80	3.785	47.33	
	1157	3.68	103.3	6.71	23.43	3.766	47.31	
	1202	3.73	100.8	6.73	23.80	3.778	47.32	
	1207	3.71	97.7	6.74	23.41	3.778	47.32	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 1.0 gal

SAMPLES COLLECTED: No Color / No Odor / Clear

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1207	40ml VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
Fe, As, Cr, Mn		500ml Poly (1)	NEAT
TDS, Cl, Cr6+		1000ml Poly (1)	NEAT
pH, SO4		~~1000ml Poly (1)~~	NEAT
Alk		~~500ml Poly (1)~~	NEAT
Sulfide		500ml Glass (1)	Sodium Hydroxide/Zn Acet.
TOC		125ml Amber (1)	H2SO4

COMMENTS:

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**: 53.20

Original Water Column: ~~[illegible]~~ x 0.80 = -- (Total Depth of Well) 57.97

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-11-09 WELL NO. EW02F

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 95 °F

FIELD PERSONNEL: Steve Bell & Terry Schoewell WEATHER:

EQUIPMENT CALIBRATION: (YSI) **QED** Serial No.:

Spec. Conductivity: Standard: Reading: **;pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: **; ORP:** Standard: Reading: **; DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 47.45 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 102.03 FT.

D. Height of Water Column in casing (h = TD - SWL): 54.58 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1321

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1325	3.50	93.1	6.51	27.76	4.703	47.41	
	1330	2.12	91.3	6.68	27.97	5.623	47.43	
	1335	1.91	91.2	6.71	28.36	5.770	47.45	
	1340	1.71	87.6	6.70	25.51	5.834	47.44	
	1345	1.62	86.7	6.74	25.32	5.819	47.43	
	1350	1.58	88.5	6.75	26.30	5.811	47.43	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 1,000 G

SAMPLES COLLECTED: Lt Green / No Odor / Clear

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Full Suite	1350		

COMMENTS:

2 Gpm @ 15-15 50psi

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 54.56 x 0.80 = – (Total Depth of Well) 58.63

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-11-09 WELL NO. MW090SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 98 °F

FIELD PERSONNEL: WEATHER: Cloudy / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.98 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.49 FT.

D. Height of Water Column in casing (h = TD - SWL): 54.51 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1453

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
1456	5.54	48.2	6.83	28.39	3.452	NR
1501	3.80	49.2	6.78	24.27	4.404	48.98
1506	3.42	52.6	6.83	25.48	4.469	48.95
1511	3.09	54.9	6.82	24.76	4.509	48.95
1516	3.88	56.2	6.83	25.05	4.500	48.95
1521	3.42	58.6	6.82	24.52	4.466	48.95
1526	4.27	62.1	6.82	23.52	4.493	48.98
1531	4.27	67.9	6.80	23.08	4.491	48.95

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 1.2 gal

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Full Suite	1531		

COMMENTS: Lgt Brown / No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 54.51 x 0.80 = -- (Total Depth of Well) 59.88

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-13-09 WELL NO. IW 026

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 85 °F

FIELD PERSONNEL: JLongwell / SGonzales WEATHER: light breeze, clear, warm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.76 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 51.17 FT.

D. Height of Water Column in casing (h = TD - SWL): 2.41 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 11:08

Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL
SG						

JSC

well was not purged or ~~sampled~~.

Well was sampled via disp. Bailer collecting only Diss Metals / and TDS, Cl, Hex Cr

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 500 ml

SAMPLES COLLECTED:

SG

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
No sample collected			
Fe, As, Cr, Mn, Na	1317	500 ml poly (1)	neat
TDS, Cl, Cr6+	1317	1000 ml poly (1)	neat

COMMENTS:

(Unable to purge well or ~~sample~~ JSC due insufficient water in well. NA)
Collected hand bailed per Chad Vowell.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 2.41 x 0.80 = -- (Total Depth of Well) 49.24

Signature: S Gonzales

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-13-09 WELL NO. IW025

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 88 °F

FIELD PERSONNEL: J Longwell/S Gonzales WEATHER: light breeze, sunny, warm

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.44 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 99.08 FT.

D. Height of Water Column in casing (h = TD - SWL): 50.64 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1237

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1246	1.73	-223.6	6.47	29.72	3.565	*	
	1251	1.86	-260.1	6.44	28.01	4.105		
	1256	1.97	-283.3	6.40	27.13	4.248		
	1301	3.15	-284.7	6.41	24.77	4.260		
	1306	3.52	-285.7	6.40	24.67	4.255		
	1311	3.61	-288.7	6.41	25.15	4.222		
	1316	4.00	-291.1	6.41	24.70	4.248		
	1321	3.86	-290.0	6.40	25.44	4.247		
							*	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 10 gal

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
Fe, As, Cr, Mn, Ni	1321		

COMMENTS:

* Unable guage water level b/c of milky/chalky substance on probe. *

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 50.64 x 0.80 = -- (Total Depth of Well) 58.56

Signature: Sonya Gonzales

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8/13/09 WELL NO. MW084SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 94 °F

FIELD PERSONNEL: JLongwell/SGonzales WEATHER: light breeze, warm, sunny

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 48.98 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 103.49 FT.

D. Height of Water Column in casing (h = TD - SWL): 54.51 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1446

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1449	* 252.3	-46.3	6.69	25.53	7.121	51.38	
	1454	sc 13.84 mg/l	-51.8	6.65	24.08	8.114	51.38	
	1459	11.90	-52.2	6.67	24.62	8.190	51.39	
1504	sc	11.11	-48.6	6.68	24.85	8.238	51.38	
1509	sc	10.97	-40.7	6.69	24.77	8.202	51.38	
1514	sc	10.71	-49.0	6.70	24.93	7.967	51.38	
	1519	10.81	-36.5	6.74	24.49	7.583	51.40	
	1524	10.84	-30.3	6.74	24.63	7.477	51.40	
	1529	10.78	-32.7	6.75	24.85	7.377	51.39	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 1.5 gal Disposed @ sump on site

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX/TPHGRO	1529	40 ml VOA (3)	HCL
TPHDRO		1000 ml amber (2)	HCL
Fe, As, Cr, Mn, Na		500 ml poly (1)	Neat
TDS, Cl, Cr 6+		1000 ml poly (1)	neat

COMMENTS: Clear, odorless

* Note DO reading is in percent @ 1449

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 54.51 x 0.80 = – (Total Depth of Well) 59.88

Signature: Sergio Gonzales

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-17-09 WELL NO. MW064.SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 82 °F

FIELD PERSONNEL: Terry S. Longwell WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07610051 3

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.01

Standard 10 Reading: 9.98 ; **ORP:** Standard: 240 Reading: 240.0; **DO:** T°C 26.90 mmHg: 7.20 DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: _____ FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: _____ FT.

D. Height of Water Column in casing (h = TD - SWL): _____ FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:**

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	0944	* 5.66	173.6	6.49	21.87	4.629	51.04	
	0949	3.86	167.2	6.59	22.63	5.126	51.04	
	0954	6.90	153.5	6.66	23.00	5.173	51.04	
	0959	6.79	143.9	6.70	23.64	5.160	51.04	
	1004	x 7.60	138.5	6.73	23.38	5.099	51.04	
	1009	7.89	136.5	6.74	23.08	5.082	51.04	
	1014							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1009	40ml VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
TDS, Cl, Cr 6+		1000ml Poly (1)	—
		500ml Poly (1)	—

COMMENTS: Fe, As, Cr, Mn

No Color / No Odor / Clear & Air pumping into flow cell *

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: _____ x 0.80 = -- (Total Depth of Well)

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-17-09 WELL NO. MW085 SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 85 °F

FIELD PERSONNEL: Jerry S. Longwell WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.79 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 77.80 FT.

D. Height of Water Column in casing (h = TD - SWL): 26.01 FT.

PURGING METHOD: Grundfos (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1030

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1033	3.90	-138.2	6.84	22.45	4.933	51.84	
	1038	2.40	-122.7	6.74	23.08	5.613	51.80	
	1043	4.45	-108.2	6.71	23.51	5.887	51.81	
	1048	4.12	-99.8	6.71	23.71	5.932	51.80	
	1053	4.19	-80.0	6.70	23.19	5.995	51.79	
	1058	4.23	-73.2	6.70	23.54	6.018	51.79	
	1103	4.43	-69.7	6.70	23.84	6.001	51.79	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 0.5 gal in sump on site

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1103	40ml VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
TDS, Cl, Cr6+		1000ml Poly (1)	—
Fe, As, Cr, Mn		500ml Poly (1)	—

COMMENTS: Lgt. Brown / Very Strong Odor / Clear
(@ 1036 No Color)

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 26.01 x 0.80 = (Total Depth of Well) 56.99

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-17-09 WELL NO. MW083SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 87 °F

FIELD PERSONNEL: Terry S. Longwell WEATHER: Clear/Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.91 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 78.01 FT.

D. Height of Water Column in casing (h = TD - SWL): 26.10 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1127

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1130	8.72	-3.9	6.52	23.74	5.280	51.92	
	1135	6.22	-30.1	6.54	24.38	5.582	51.91	
	1140	6.78	-32.3	6.56	25.14	5.741	51.90	
	1145	6.84	-34.7	6.82	24.74	5.856	51.90	
	1150	6.06	-35.2	6.56	25.10	5.872	51.90	
	1155	5.80	-38.1	6.57	25.15	5.896	51.90	
	1200	5.75	-38.0	6.57	25.20	5.898	51.90	
	1205							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH 8020	1200	40mL VOA (3)	HCL
TPH 8020		1000mL Amber (2)	HCl
TDS, Cl, Cr 6+		1000mL Poly (1)	—
Fe, As, Cr, Mn		500mL Poly (1)	—

COMMENTS: Lgt. Brown / Strong Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 26.10 x 0.80 = – (Total Depth of Well) 57.13

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-17-09 WELL NO. MW0825A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: Terry S. Longwell WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 51.97 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 77.91 FT.

D. Height of Water Column in casing (h = TD - SWL): 25.94 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1237

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1241	7.37	-119.4	6.64	25.49	4.931	52.05	
	1246	6.26	-82.3	6.57	23.75	5.650	52.02	
	1251	4.82	-77.6	6.60	25.77	5.708	52.00	
	1256	4.56	-72.0	6.60	26.43	5.738	52.00	
	1301	4.21	-68.7	6.61	26.80	5.743	52.00	
	1306	4.50	-62.7	6.61	25.43	5.799	52.00	
* Compressor * Quit	~~1311~~ 1315	4.12	-59.8	6.62	27.63	5.786	51.99	
	~~1316~~ 1320	4.23	-54.9	6.62	27.64	5.784	51.99	

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH 620	1320	40mL VOA (3)	HCl
TPH D20		1000mL Amber (2)	HCl
TDS, Cl, Cr6+		1000mL Poly (1)	—
		500mL Poly (1)	—

COMMENTS: Fe, As, Cr, Mn

Lgt. Brown / Strong Odor / Clear * @ 1308 Compressor - Quit! * it is getting too hot

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 25.94 x 0.80 = – (Total Depth of Well) 57.15

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-18-09 WELL NO. MW0795A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 85 °F

FIELD PERSONNEL: A Longwell / J Premier WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.: 07G100513

Spec. Conductivity: Standard: 1413 Reading: 1413 ;**pH** Standard: 7 Reading 7.00 ;Standard 4 Reading: 4.00

Standard 10 Reading: 9.99 ; **ORP:** Standard: 240 Reading: 240; **DO:** T°C: 28.50 mmHg: 702 DO Conc.: X

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.55 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 69.77 FT.

D. Height of Water Column in casing (h = TD - SWL): 23.22 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1034

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1037	3.70	85.1	6.53	24.30	1.900	46.62	
	1042	1.79	50.5	6.69	25.04	1.851	46.62	
	1047	1.54	34.8	6.76	26.35	1.843	46.65	
	1052	1.82	24.6	6.78	27.04	1.846	46.65	
	1057	3.89	15.4	6.79	26.56	1.839	46.65	
	1102	4.36	11.0	6.79	26.36	1.834	46.63	
	1107	3.45	6.0	6.80	26.44	1.831	46.63	
	1112	3.55	3.3	6.81	26.38	1.830	46.63	
	1117	3.41	3.0	6.82	28.57	1.825	46.64	

PURGE WATER STORED/DISPOSED OF WHERE/HOW: 1.0 gal

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1117	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
TDS, Cl, Ca, Ba		1000mL Poly (1)	—
		500mL Poly (1)	—

COMMENTS: Fe, As, Cr, Mn

Lgt Brown @ first then ass color / Slight Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 23.22 x 0.80 = -- (Total Depth of Well) 51.19

Signature: [signature]

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-18-09 WELL NO. MW080SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 87 °F

FIELD PERSONNEL: T. Longwell / J Pacheco WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.66 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 71.85 FT.

D. Height of Water Column in casing (h = TD - SWL): 25.19 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1137

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1139	8.96	71.9	6.84	26.78	1.757	46.72	
	1144	6.00	75.1	6.95	26.76	1.728	46.72	
	1149	5.45	79.2	7.03	25.97	1.733	46.73	
	1154	5.55	81.6	7.02	25.71	1.731	46.74	
	1159							
	1204							
	1209							
	1214							

PURGE WATER STORED/DISPOSED OF WHERE/HOW: < 0.5

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1154	40mL VOA (3)	HCl
TPH DRO		1000mL Amber (2)	HCl
TDS, Cl, Cr6+		1000mL Poly (1)	—
Fe, As, Cr, Mo		500mL Poly (1)	—

COMMENTS: No Color / No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 25.19 x 0.80 = -- (Total Depth of Well) 51.69

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-18-09 WELL NO. MW0815A

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: T. Horswell / T. Pomeroy WEATHER: Clear/Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;pH Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.23 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 72.41 FT.

D. Height of Water Column in casing (h = TD - SWL): 26.18 FT.

PURGING METHOD: (Grundfos) Bladder Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1218

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1220	1.98	62.5	6.66	23.35	2.407	46.36	
	1225	1.27	61.0	6.79	24.96	2.392	46.31	
	1230	1.10	53.0	6.92	25.76	2.406	46.30	
	1235	1.07	47.8	6.83	26.77	2.413	46.30	
	1240							
	1245							
	1250							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1235	40ml VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
TDS, Cl, Cr, Ca		1000ml Poly (1)	—
Fe, As, Cr, Mn		500ml Poly (1)	—

COMMENTS: Lgt Brown, No Odor / Clear

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 26.18 x 0.80 = -- (Total Depth of Well) 51.46

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-18-09 WELL NO. GOPW2

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 90 °F

FIELD PERSONNEL: T. Longwell / T. Romero WEATHER: Clear / Breezy

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 46.44 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 87.10 FT.

D. Height of Water Column in casing (h = TD - SWL): 40.66 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1329

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1329	3.21	-90.8	7.36	28.83	4.258	46.38	
	1334	1.76	-121.8	7.42	28.02	4.203	46.43	
	1339	0.84	-120.6	7.41	28.29	4.206	46.49	
	1343	0.68	-120.1	7.40	28.37	4.211	46.50	
	1349							
	1353							
	1359							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1343	40ml VOA (3)	HCl
TPH DRO		1000ml Amber (2)	HCl
TDS, Cl, Cr, SO4		1000ml Poly (1)	—
COMMENTS: Fe, As, Cr, Mn		500ml Poly (1)	—

Lgt Brown / Strong Odor / Mackey

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:
Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 40.66 x 0.80 = -- (Total Depth of Well) 58.57

Signature:

8/2008

Stantec

GROUNDWATER SAMPLING FIELD DATA SHEET

PROJECT NO.: 212201135 201.250 DATE: 8-18-09 WELL NO. MW077SA

FACILITY NAME: Eunice North Gas Plant TEMPERATURE: 96 °F

FIELD PERSONNEL: J. Lowgwell / J. Premeria WEATHER: Clear / Slight Breeze

EQUIPMENT CALIBRATION: (YSI) QED Serial No.:

Spec. Conductivity: Standard: Reading: ;**pH** Standard: 7 Reading ;Standard 4 Reading:

Standard 10 Reading: ; **ORP:** Standard: Reading: ; **DO:** T°C: mmHg: DO Conc.:

End-of-Day Recheck: Spec.Cond: ;pH 7: ;pH 4: ;pH: 10 ;ORP:

FIELD MEASUREMENTS:

A. Static Water Level (SWL) below top of casing/piezometer: 50.49 FT.

B. Thickness of Free Product, if present: _____ Inches _____ FT.

C. Total Depth of well (TD) from top of casing/piezometer: 93.60 FT.

D. Height of Water Column in casing (h = TD - SWL): 43.11 FT.

PURGING METHOD: (Grundfos) (Bladder) Peristaltic Fultz DURATION:

OBSERVATIONS: **Purging Start Time:** 1440

	Time	DO (±10%)	ORP(±10mV)	pH(±0.1)	Temp.(±3%)	Conduct.(±3%)	SWL	
	1443	1.37	-3.5	6.86	29.97	4.003	50.50	
	1448	1.93	1.7	6.88	26.01	4.234	50.48	
	1453	2.74	16.4	6.93	23.89	3.928	50.48	
	1458	2.85	29.0	6.92	23.58	3.917	50.50	
	1503	2.83	35.4	6.91	23.48	3.907	50.48	
	1508	2.86	37.0	6.93	23.51	3.904	50.48	
	1513							

PURGE WATER STORED/DISPOSED OF WHERE/HOW:

SAMPLES COLLECTED:

Sample Number(s)	Time	Size/Number of Container(s)	Preservative
BTEX / TPH GRO	1508	40-c VOA (3)	HCl
TPH DRO		1000c Amber (2)	HCl
TDS, Cl, Cr 6+		1000c Poly (1)	—
Fe, As, Cr, Mn		500c Poly (1)	—

COMMENTS: 190 ml

No Color / No Odor / Slight Silty.

Casing Capacities:
2-inch hole.....0.16 gal/lin ft.
4-inch hole.....0.65 gal/lin ft.
6.5-inch hole.....1.70 gal/lin ft
8-inch hole.....2.60 gal/lin ft
10-inch hole.....4.10 gal/lin ft.

Recharge Calculation at Time of Sample Collection:

Collect sample when Depth to Water measures **Less than or equal to**:

Original Water Column: 43.11 x 0.80 = -- (Total Depth of Well) 59.11

Signature:

8/2008

APPENDIX B
LABORATORY ANALYTICAL REPORTS

Lancaster Laboratories

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

Analysis Report

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

August 11, 2009

SAMPLE GROUP

The sample group for this submittal is 1156062. Samples arrived at the laboratory on Tuesday, August 04, 2009. The PO# for this group is 212201135.201.250 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW062A Grab Water Sample	5740234

METHODOLOGY

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

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

Lancaster Laboratories

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,

Robert Strocko Jr.
Manager

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 5740234

Group No. 1156062
NM

MW062A Grab Water Sample
Eunice North Gas Plant

Collected: 08/03/2009 15:03 by JSL

Account Number: 11842

Submitted: 08/04/2009 09:05
Reported: 08/11/2009 at 15:59
Discard: 09/11/2009

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

M062A

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	110	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	440	190	2
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	0.0235	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	62.1	40.0	100
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	504	30.0	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab 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
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09217A53A	08/05/2009 22:06	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09217A53A	08/05/2009 22:06	Katrina T Longenecker	1
[illegible]146	GC VOA Water Prep	SW-846 5030B	1	09217A53A	08/05/2009 22:06	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092160012A	08/05/2009 14:11	Diane V Do	2

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Analysis Report

Lancaster Laboratories Sample No. WW 5740234

Group No. 1156062
NM

MW062A Grab Water Sample
Eunice North Gas Plant

Collected: 08/03/2009 15:03 by JSL

Account Number: 11842

Submitted: 08/04/2009 09:05
Reported: 08/11/2009 at 15:59
Discard: 09/11/2009

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

M062A

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092160012A	08/04/2009	15:20	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092185705003	08/07/2009	16:22	John P Hook	1
07051	Chromium	SW-846 6010B	1	092185705003	08/07/2009	16:22	John P Hook	1
01754	Iron	SW-846 6010B	1	092185705003	08/07/2009	16:22	John P Hook	1
07058	Manganese	SW-846 6010B	1	092185705003	08/07/2009	16:22	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092185705003	08/06/2009	20:40	Mirit S Shenouda	1
[illegible]224	Chloride	EPA 300.0	1	09218196602B	08/06/2009	23:03	Ashley M Adams	100
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09217021201A	08/05/2009	08:04	Susan A Engle	1
00276	Hexavalent Chromium	SW-846 7196A	1	09216027601A	08/04/2009	10:00	Michelle L Lalli	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 08/11/09 at 03:59 PM

Group Number: 1156062

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: 09217A53A	Sample number(s): 5740234							
Benzene	< 1.0	1.0	ug/l	115	115	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Toluene	< 1.0	1.0	ug/l	115	110	80-120	4	30
TPH-GRO water C6-C10	< 50	50.	ug/l	91	100	75-135	10	30
Total Xylenes	< 3.0	3.0	ug/l	113	113	80-120	0	30
Batch number: 092160012A	Sample number(s): 5740234							
TPH-DRO water C10-C28	< 100	100.	ug/l	96	73	56-122	28*	20
Batch number: 092185705003	Sample number(s): 5740234							
Arsenic	< 0.0200	0.0200	mg/l	101		80-120		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Iron	< 0.200	0.200	mg/l	102		90-112		
Manganese	< 0.0050	0.0050	mg/l	100		90-110		
Batch number: 09218196602B	Sample number(s): 5740234							
Chloride	< 0.40	0.40	mg/l	99		90-110		
Batch number: 09216027601A	Sample number(s): 5740234							
Hexavalent Chromium	< 0.020	0.020	mg/l	97		90-110		
Batch number: 09217021201A	Sample number(s): 5740234							
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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09217A53A	Sample number(s): 5740234 UNSPK: 5740234, P740418								
Benzene	120		70-152						
Ethylbenzene	120		75-133						
Toluene	116		78-129						
TPH-GRO water C6-C10	99		63-154						
Total Xylenes	121		67-155						
Batch number: 092185705003	Sample number(s): 5740234 UNSPK: P741668 BKG: P741668								
Arsenic	104	107	75-125	3	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	101	100	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Iron	128 (2)	100 (2)	75-125	4	20	5.51	5.68	3	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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1156062
Reported: 08/11/09 at 03:59 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
Manganese	102	99	75-125	2	20	0.278	0.284	2	20
Batch number: 09218196602B	Sample number(s): 5740234 UNSPK: P740165 BKG: P740165								
Chloride	92		90-110			153	154	0	20
Batch number: 09216027601A	Sample number(s): 5740234 UNSPK: P740200 BKG: P740200								
Hexavalent Chromium	88	89	85-115	1	5	< 0.20	< 0.20	0 (1)	5
Batch number: 09217021201A	Sample number(s): 5740234 UNSPK: P740123 BKG: P740123								
Total Dissolved Solids	83	64	54-143	7	12	33,600	32,700	3	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: TPH-GRO water C6-C10
Batch number: 09217A53A

	Trifluorotoluene-F	Trifluorotoluene-P
5740234	79	97
Blank	81	96
LCS	90	97
LCSD	96	98
MS	92	97
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092160012A

	Orthoterphenyl
5740234	91
Blank	116
LCS	124
LCSD	107
Limits:	54-127

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

Analysis Request/ nvironmental Services Chain of Cu dy

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1156062 Sample # 5740234

COC # 217442

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

(1)
Client: Chevron Acct. #:
Project Name/#: W. Eunice 212201135.201. PWSID #: 250
Project Manager: Chad Dowell P.O.#:
Sampler: Terry S. Longwell Quote #:
Name of state where samples were collected: NM

For Lab Use Only
FSC:
SCR#: 78879

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) Sample Identification | Date Collected | Time Collected | (3) Grab | Composite | Soil | Aqueous | Other | Total # of Containers | (4) Matrix | (5) Analyses Requested — Preservation Codes: H H — — | BTEX (8021) TPH GRO | TPH DRO | Fe, As, Cu, Mn, Cr6+ | TDS, Cl (300.0) | (6) Remarks

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Aqueous	Other	Total # of Containers	BTEX (8021) TPH GRO	TPH DRO	Fe, As, Cu, Mn, Cr6+	TDS, Cl (300.0)	Remarks
MW062A	8-3-09	1503	X			X		7	3	2	1	1	Filter Diss. Metals in Lab

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)
SDG Complete? Yes No
Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/27/09	15:05	[signature]	8-3-09	0800
[signature]	8-3-09	707			

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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.

Lancaster Laboratories

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Analysis Report

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

August 13, 2009

SAMPLE GROUP

The sample group for this submittal is 1156247. Samples arrived at the laboratory on Wednesday, August 05, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW063A Grab Water Sample	5741247
MW013A Grab Water Sample	5741248
MW031A Grab Water Sample	5741249
Trip Blank Water Sample	5741250

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Robert Strocko Jr.
Manager

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5741247

Group No. 1156247
NM

MW063A Grab Water Sample
Eunice North Gas Plant

Collected: 08/04/2009 13:12 by JL

Account Number: 11842

Submitted: 08/05/2009 09:35
Reported: 08/13/2009 at 07:09
Discard: 09/13/2009

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

EUN63

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	51	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	140	95	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	0.0264	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	56.1	8.0	20
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	502	30.0	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09218A54A	08/07/2009 01:05	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09218A54A	08/07/2009 01:05	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09218A54A	08/07/2009 01:05	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092170024A	08/07/2009 18:30	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092170024A	08/06/2009 08:50	Denise L Trimby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5741247

Group No. 1156247
NM

MW063A Grab Water Sample
Eunice North Gas Plant

Collected: 08/04/2009 13:12 by JL

Account Number: 11842

Submitted: 08/05/2009 09:35
Reported: 08/13/2009 at 07:09
Discard: 09/13/2009

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Ste 400
Houston TX 77040

EUN63

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:06	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:06	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:06	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:06	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09218196602B	08/08/2009 17:26	Ashley M Adams	20
00212	Total Dissolved Solids	SM20 2540 C	1	09218021201A	08/06/2009 08:11	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09217027602A	08/05/2009 10:30	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5741248

Group No. 1156247
NM

MW013A Grab Water Sample
Eunice North Gas Plant

Collected: 08/04/2009 14:01 by JL

Account Number: 11842

Submitted: 08/05/2009 09:35
Reported: 08/13/2009 at 07:09
Discard: 09/13/2009

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Houston TX 77040

EUN13

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 95	95	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	0.0243	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	72.5	40.0	100
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	540	30.0	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09218A54A	08/07/2009	01:28	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09218A54A	08/07/2009	01:28	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09218A54A	08/07/2009	01:28	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092170024A	08/07/2009	18:51	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092170024A	08/06/2009	08:50	Denise L Trimby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5741248

Group No. 1156247
NM

MW013A Grab Water Sample
Eunice North Gas Plant

Collected: 08/04/2009 14:01 by JL

Account Number: 11842

Submitted: 08/05/2009 09:35
Reported: 08/13/2009 at 07:09
Discard: 09/13/2009

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EUN13

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:09	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:09	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:09	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:09	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09218196602B	08/07/2009 00:36	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09218021201A	08/06/2009 08:11	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09217027602A	08/05/2009 10:30	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5741249

Group No. 1156247
NM

MW031A Grab Water Sample
Eunice North Gas Plant

Collected: 08/04/2009 14:44 by JL

Account Number: 11842

Submitted: 08/05/2009 09:35
Reported: 08/13/2009 at 07:09
Discard: 09/13/2009

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EUN31

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	170	96	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	0.0253	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.532	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	95.9	40.0	100
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	711	60.0	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09218A54A	08/07/2009 01:52	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09218A54A	08/07/2009 01:52	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09218A54A	08/07/2009 01:52	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092170024A	08/07/2009 19:12	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092170024A	08/06/2009 08:50	Denise L Trimby	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5741249

Group No. 1156247
NM

MW031A Grab Water Sample
Eunice North Gas Plant

Collected: 08/04/2009 14:44 by JL

Account Number: 11842

Submitted: 08/05/2009 09:35
Reported: 08/13/2009 at 07:09
Discard: 09/13/2009

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EUN31

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:17	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:17	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:17	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:17	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09218196602B	08/07/2009 01:22	Ashley M Adams	100
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09218021201A	08/06/2009 08:11	Susan E Hibner	1
[illegible]0276	Hexavalent Chromium	SW-846 7196A	1	09217027602A	08/05/2009 10:30	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5741250

Group No. 1156247
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/04/2009

Account Number: 11842

Submitted: 08/05/2009 09:35
Reported: 08/13/2009 at 07:09
Discard: 09/13/2009

STANTEC International, Inc.
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EUNTB

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

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09218A54A	08/07/2009 00:18	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09218A54A	08/07/2009 00:18	Katrina T Longenecker	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1156247
Reported: 08/13/09 at 07:09 AM

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: 09218A54A	Sample number(s): 5741247-5741250							
Benzene	< 1.0	1.0	ug/l	110	100	80-120	10	30
Ethylbenzene	< 1.0	1.0	ug/l	100	95	80-120	5	30
Toluene	< 1.0	1.0	ug/l	105	95	80-120	10	30
TPH-GRO water C6-C10	< 50	50.	ug/l	109	109	75-135	0	30
Total Xylenes	< 3.0	3.0	ug/l	103	97	80-120	7	30
Batch number: 092170024A	Sample number(s): 5741247-5741249							
TPH-DRO water C10-C28	< 100	100.	ug/l	70	73	56-122	4	20
Batch number: 092235705003	Sample number(s): 5741247-5741249							
Arsenic	< 0.0200	0.0200	mg/l	103		80-120		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Iron	< 0.200	0.200	mg/l	101		90-112		
Manganese	< 0.0050	0.0050	mg/l	100		90-110		
Batch number: 09218196602B	Sample number(s): 5741247-5741249							
Chloride	< 0.40	0.40	mg/l	99		90-110		
Batch number: 09217027602A	Sample number(s): 5741247-5741249							
Hexavalent Chromium	< 0.020	0.020	mg/l	102		90-110		
Batch number: 09218021201A	Sample number(s): 5741247-5741249							
Total Dissolved Solids	< 30.0	30.0	mg/l	93		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09218A54A	Sample number(s): 5741247-5741250 UNSPK: P741904, P741906								
Benzene	105		70-152						
Ethylbenzene	110		75-133						
Toluene	105		78-129						
TPH-GRO water C6-C10	127		63-154						
Total Xylenes	110		67-155						
Batch number: 092235705003	Sample number(s): 5741247-5741249 UNSPK: P741695 BKG: P741695								
Arsenic	107	107	75-125	0	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	98	99	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Iron	141 (2)	115 (2)	75-125	4	20	4.80	4.89	2	20

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

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1156247
Reported: 08/13/09 at 07:09 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
Manganese	99	100	75-125	1	20	0.269	0.276	3	20
Batch number: 09218196602B	Sample number(s): 5741247-5741249 UNSPK: P740165 BKG: P740165								
Chloride	92		90-110			153	154	0	20
Batch number: 09217027602A	Sample number(s): 5741247-5741249 UNSPK: 5741247 BKG: 5741247								
Hexavalent Chromium	104	104	85-115	0	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09218021201A	Sample number(s): 5741247-5741249 UNSPK: P740192 BKG: P740192								
Total Dissolved Solids	96	95	54-143	1	12	268	267	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: TPH-GRO water C6-C10
Batch number: 09218A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5741247	104	112
5741248	105	113
5741249	104	112
5741250		109
Blank	106	111
LCS	118	112
LCSD	119	112
MS	112	108
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092170024A

	Orthoterphenyl
5741247	88
5741248	84
5741249	90
Blank	73
LCS	96
LCSD	96
Limits:	54-127

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1156247 Sample # 5741247-50

COC # 217443

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

(1) Client: Chevron Acct. #:

Project Name/#: 212201135, 201.250 PWSID #:

Project Manager: Chad Powell P.O.#:

Sampler: Terry Longwell Quote #:

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(5) Analyses Requested — Preservation Codes: H, H, —, —

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Total # of Containers	BTEX (8021)	TPH GRO	TPH DRO	Fe, As, Cr, Mn	Al (Soc.O), TDS, Cr6+						Remarks	(6) Temperature of samples upon receipt (if required)
MW063A	8-4-09	1312	X			X		7	3	2	1	1							Filter Diss. Metals in lab.	
MW013A	8-4-09	1401	X			X		7	3	2	1	1							Filter Diss. Metals in lab	
MW031A	8-4-09	1444	X			X		7	3	2	1	1							Filter Diss. Metals in lab	
Trip Blank	—	—	—			X		2	2											
									JSC											

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-4-09	1654			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	8/5/09	933

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

August 18, 2009

SAMPLE GROUP

The sample group for this submittal is 1156666. Samples arrived at the laboratory on Friday, August 07, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW021A Grab Water Sample	5743736
MW021 Grab Water Sample	5743737
MW032 Grab Water Sample	5743738
MW065SA Grab Water Sample	5743739
MW066SA Grab Water Sample	5743740
Trip Blank Water Sample	5743741

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Michele D Hamilton

Michele D. Hamilton
Group Leader

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 5743736

Group No. 1156666
NM

MW021A Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 12:30 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

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

E21A-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	54	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	810	95	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0318	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.0114	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	6,020	800	2000
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	13,300	1,200	10
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.031	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09222A54A	08/11/2009 04:04	Elizabeth J Marin	1
08213	BTEX (8021)	SW-846 8021B	1	09222A54A	08/11/2009 04:04	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09222A54A	08/11/2009 04:04	Elizabeth J Marin	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092200009A	08/11/2009 18:39	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092200009A	08/10/2009 09:15	Cynthia J Salvatori	1
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:38	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:38	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743736

Group No. 1156666
NM

MW021A Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 12:30 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

STANTEC International, Inc.
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Houston TX 77040

E21A-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:38	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:38	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09223196601B	08/12/2009 16:10	Ashley M Adams	2000
00212	Total Dissolved Solids	SM20 2540 C	1	09224021201A	08/12/2009 09:43	Susan E Hibner	10
00276	Hexavalent Chromium	SW-846 7196A	1	09219027601A	08/07/2009 10:35	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743737

Group No. 1156666
NM

MW021 Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 13:10 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

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

E021-

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	670	97	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.172	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	193	40.0	100
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,490	120	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09222A54A	08/11/2009 04:28	Elizabeth J Marin	1
08213	BTEX (8021)	SW-846 8021B	1	09222A54A	08/11/2009 04:28	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09222A54A	08/11/2009 04:28	Elizabeth J Marin	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092200009A	08/11/2009 18:59	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092200009A	08/10/2009 09:15	Cynthia J Salvatori	1
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:41	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:41	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743737

Group No. 1156666
NM

MW021 Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 13:10 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

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E021-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:41	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:41	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09223196601B	08/11/2009 21:47	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09224021201A	08/12/2009 09:43	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09219027601A	08/07/2009 10:35	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743738

Group No. 1156666
NM

MW032 Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 13:56 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

E032-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	240	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	490	96	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.0059	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	227	40.0	100
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,160	120	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09222A54A	08/11/2009 04:52	Elizabeth J Marin	1
08213	BTEX (8021)	SW-846 8021B	1	09222A54A	08/11/2009 04:52	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09222A54A	08/11/2009 04:52	Elizabeth J Marin	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092200009A	08/11/2009 19:20	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092200009A	08/10/2009 09:15	Cynthia J Salvatori	1
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:44	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:44	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743738

Group No. 1156666
NM

MW032 Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 13:56 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

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

E032-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:44	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:44	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09223196601B	08/11/2009 22:02	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09224021201A	08/12/2009 09:43	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09219027601A	08/07/2009 10:35	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5743739

Group No. 1156666
NM

MW065SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 15:46 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

STANTEC International, Inc.
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Houston TX 77040

E65SA

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 98	98	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.0741	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	967	200	500
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	2,920	240	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.066	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09222A54A	08/11/2009 05:15	Elizabeth J Marin	1
08213	BTEX (8021)	SW-846 8021B	1	09222A54A	08/11/2009 05:15	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09222A54A	08/11/2009 05:15	Elizabeth J Marin	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092200009A	08/11/2009 19:40	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092200009A	08/10/2009 09:15	Cynthia J Salvatori	1
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:52	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:52	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743739

Group No. 1156666
NM

MW065SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 15:46 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

E65SA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:52	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:52	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09223196601B	08/12/2009 16:25	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09224021201A	08/12/2009 09:43	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09219027601A	08/07/2009 10:35	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743740

Group No. 1156666
NM

MW066SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 14:59 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

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

E66SA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 98	98	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.381	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	966	80.0	200
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	3,060	240	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09222A54A	08/11/2009 05:39	Elizabeth J Marin	1
08213	BTEX (8021)	SW-846 8021B	1	09222A54A	08/11/2009 05:39	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09222A54A	08/11/2009 05:39	Elizabeth J Marin	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092200009A	08/11/2009 20:01	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092200009A	08/10/2009 09:15	Cynthia J Salvatori	1
07035	Arsenic	SW-846 6010B	1	092235705003	08/13/2009 00:55	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092235705003	08/13/2009 00:55	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5743740

Group No. 1156666
NM

MW066SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/06/2009 14:59 by JL

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

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

E66SA

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010B	1	092235705003	08/13/2009 00:55	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	092235705003	08/13/2009 00:55	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092235705003	08/12/2009 14:35	James L Mertz	1
00224	Chloride	EPA 300.0	1	09223196601B	08/12/2009 16:41	Ashley M Adams	200
00212	Total Dissolved Solids	SM20 2540 C	1	09224021201A	08/12/2009 09:43	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09219027601A	08/07/2009 10:35	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5743741

Group No. 1156666
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/06/2009

Account Number: 11842

Submitted: 08/07/2009 09:00
Reported: 08/18/2009 at 15:36
Discard: 09/18/2009

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

66SAT

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

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09222A54A	08/10/2009 22:10	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09222A54A	08/10/2009 22:10	Elizabeth J Marin	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 08/18/09 at 03:36 PM

Group Number: 1156666

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: 09222A54A	Sample number(s): 5743736-5743741							
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
TPH-GRO water C6-C10	< 50	50.	ug/l	91	109	75-135	18	30
Total Xylenes	< 3.0	3.0	ug/l	97	105	80-120	8	30
Batch number: 092200009A	Sample number(s): 5743736-5743740							
TPH-DRO water C10-C28	< 100	100.	ug/l	85	84	56-122	1	20
Batch number: 092235705003	Sample number(s): 5743736-5743740							
Arsenic	< 0.0200	0.0200	mg/l	103		80-120		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Iron	< 0.200	0.200	mg/l	101		90-112		
Manganese	< 0.0050	0.0050	mg/l	100		90-110		
Batch number: 09223196601B	Sample number(s): 5743736-5743740							
Chloride	< 0.40	0.40	mg/l	104		90-110		
Batch number: 09219027601A	Sample number(s): 5743736-5743740							
Hexavalent Chromium	< 0.020	0.020	mg/l	103		90-110		
Batch number: 09224021201A	Sample number(s): 5743736-5743740							
Total Dissolved Solids	< 30.0	30.0	mg/l	93		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09222A54A	Sample number(s): 5743736-5743741 UNSPK: P742823, P742826								
Benzene	110		70-152						
Ethylbenzene	110		75-133						
Toluene	110		78-129						
TPH-GRO water C6-C10	109		63-154						
Total Xylenes	110		67-155						
Batch number: 092235705003	Sample number(s): 5743736-5743740 UNSPK: P741695 BKG: P741695								
Arsenic	107	107	75-125	0	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	98	99	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Iron	141 (2)	115 (2)	75-125	4	20	4.80	4.89	2	20

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

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1156666
Reported: 08/18/09 at 03:36 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
Manganese	99	100	75-125	1	20	0.269	0.276	3	20
Batch number: 09223196601B	Sample number(s): 5743736-5743740 UNSPK: P743659 BKG: P743659								
Chloride	111*		90-110			32.1	32.2	0	20
Batch number: 09219027601A	Sample number(s): 5743736-5743740 UNSPK: 5743736 BKG: 5743736								
Hexavalent Chromium	104	109	85-115	3	5	0.031	0.028	10* (1)	5
Batch number: 09224021201A	Sample number(s): 5743736-5743740 UNSPK: 5743739 BKG: 5743739								
Total Dissolved Solids	98	95	54-143	1	12	2,920	2,910	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: 09222A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5743736	107	114
5743737	106	115
5743738	106	112
5743739	106	115
5743740	104	114
5743741		115
Blank	107	113
LCS	120	114
LCSD	119	114
MS	118	110
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092200009A

	Orthoterphenyl
5743736	96
5743737	84
5743738	94
5743739	91
5743740	92
Blank	90
LCS	97
LCSD	96
Limits:	54-127

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 08/18/09 at 03:36 PM

Group Number: 1156666

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

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1156666 Sample # 5743736-41

COC # 217444

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

(1) Client: Chevron Acct. #:

Project Name/#: N. Eunice / 11270135.206.250 PWSID #:

Project Manager: Chad Powell P.O.#:

Sampler: Terry Longwell / Alex Gonzales Quote #:

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(5) Analyses Requested — Preservation Codes: H H I I

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Grab	Composite	Other	(4) Total # of Containers	BTEX 8021 / TPH 6720	TPH D20	Cr6+ / TDS, Cl (300.0)	Fe, As, Cr, Mn					Remarks	(6) Number of containers (if not listed)
MW021A	8-6-09	1230	X			X		7	3	2	1	1					Filter Diss. Metals in lab	
MW021		1310	X			X		7	3	2	1	1					" "	
MW032		1356	X			X		7	3	2	1	1					" "	
MW065SA		1546	X			X		7	3	2	1	1					" "	
MW066SA	8-6-09	1459	X			X		7	3	2	1	1					" "	
Trip Blanks	—	—	—			X		4	4									

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-6-09	1737			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	8/10/09	0900

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.

2102.03

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

August 20, 2009

SAMPLE GROUP

The sample group for this submittal is 1157030. Samples arrived at the laboratory on Tuesday, August 11, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW071SA Grab Water Sample	5745830
MW086SA Grab Water Sample	5745831
Trip Blank Water Sample	5745832
DUP-100 Grab Water Sample	5745833
MW014 Grab Water Sample	5745834
MW013 Grab Water Sample	5745835
MW054SA Grab Water Sample	5745836
Trip Blank Water Sample	5745837

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Valerie L. Tomayko
Group Leader

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 5745830

Group No. 1157030
NM

MW071SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 13:44 by JSL

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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

EUN71

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	150	95	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.0940	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.668	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,000	80.0	200
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	2,810	240	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.10	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09224A53A	08/13/2009 02:49	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09224A53A	08/13/2009 02:49	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A53A	08/13/2009 02:49	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240009A	08/13/2009 16:29	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092240009A	08/12/2009 14:45	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 16:24	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 16:24	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009 16:24	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5745830

Group No. 1157030
NM

MW071SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 13:44 by JSL

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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

EUN71

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009 16:24	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009 06:47	Ashley M Adams	200
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09223027601A	08/11/2009 10:00	Michelle L Lalli	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 5745831

Group No. 1157030
NM

MW086SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 14:15 by JSL

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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

EUN86

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	120	99	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.0601	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,330	200	500
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	4,120	600	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.063	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09224A53A	08/13/2009 03:13	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09224A53A	08/13/2009 03:13	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A53A	08/13/2009 03:13	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240009A	08/13/2009 16:49	Diane V Do	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092240009A	08/12/2009 14:45	Cody R Hanna	1
[illegible]035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 16:28	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 16:28	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009 16:28	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5745831

Group No. 1157030
NM

MW086SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 14:15 by JSL

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

STANTEC International, Inc.
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Houston TX 77040

EUN86

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009 16:28	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009 07:03	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09223027601A	08/11/2009 10:00	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5745832

Group No. 1157030
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/10/2009

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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	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

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09224A54A	08/13/2009 19:34	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A54A	08/13/2009 19:34	Elizabeth J Marin	1

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Lancaster Laboratories Sample No. WW 5745833

Group No. 1157030
NM

DUP-100 Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 by JSL

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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

EUN-D

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		ug/l	ug/l	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		ug/l	ug/l	
08269	TPH-DRO water C10-C28	n.a.	130	95	1
SW-846 6010B	**Metals Dissolved**		mg/l	mg/l	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0595	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
EPA 300.0	**Wet Chemistry**		mg/l	mg/l	
00224	Chloride	16887-00-6	1,500	200	500
SM20 2540 C	**Wet Chemistry**		mg/l	mg/l	
00212	Total Dissolved Solids	n.a.	3,900	600	1
SW-846 7196A	**Wet Chemistry**		mg/l	mg/l	
00276	Hexavalent Chromium	18540-29-9	0.062	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09224A53A	08/13/2009 03:37	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09224A53A	08/13/2009 03:37	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A53A	08/13/2009 03:37	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240009A	08/13/2009 17:09	Diane V Do	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092240009A	08/12/2009 14:45	Cody R Hanna	1
[illegible]035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 16:41	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 16:41	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009 16:41	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5745833

Group No. 1157030
NM

DUP-100 Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 by JSL

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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EUN-D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009	16:41	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009	21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009	07:49	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009	08:20	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09223027601A	08/11/2009	10:00	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5745834

Group No. 1157030
NM

MW014 Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 13:32 by SB

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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Houston TX 77040

EUN14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
SW-846 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	650	96	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0283	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.354	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	133	40.0	100
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	647	30.0	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09224A53A	08/12/2009 21:12	Carrie E Miller	1
08213	BTEX (8021)	SW-846 8021B	1	09224A53A	08/12/2009 21:12	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A53A	08/12/2009 21:12	Carrie E Miller	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240009A	08/13/2009 17:30	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092240009A	08/12/2009 14:45	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 16:46	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 16:46	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009 16:46	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5745834

Group No. 1157030
NM

MW014 Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 13:32 by SB

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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EUN14

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009 16:46	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09224196602A	08/13/2009 02:12	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09223027601A	08/11/2009 10:00	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5745835

Group No. 1157030
NM

MW013 Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 14:19 by SB

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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EUN13

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	100	95	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.830	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	760	80.0	200
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,360	240	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.84	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09224A53A	08/12/2009 23:13	Carrie E Miller	1
08213	BTEX (8021)	SW-846 8021B	1	09224A53A	08/12/2009 23:13	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A53A	08/12/2009 23:13	Carrie E Miller	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240009A	08/13/2009 17:50	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092240009A	08/12/2009 14:45	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 16:50	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 16:50	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009 16:50	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5745835

Group No. 1157030
NM

MW013 Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 14:19 by SB

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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EUN13

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009 16:50	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009 08:04	Ashley M Adams	200
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09223027601A	08/11/2009 10:00	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5745836

Group No. 1157030
NM

MW054SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 15:13 by SB

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

STANTEC International, Inc.
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Houston TX 77040

EUN54

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	110	97	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.107	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	834	80.0	200
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	2,350	240	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.10	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09224A53A	08/13/2009 04:01	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09224A53A	08/13/2009 04:01	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A53A	08/13/2009 04:01	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240009A	08/13/2009 18:11	Diane V Do	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092240009A	08/12/2009 14:45	Cody R Hanna	1
[illegible]035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 16:55	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 16:55	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009 16:55	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5745836

Group No. 1157030
NM

MW054SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/10/2009 15:13 by SB

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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EUN54

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009 16:55	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09224196602A	08/14/2009 08:20	Ashley M Adams	200
00212	Total Dissolved Solids	SM20 2540 C	1	09225021201A	08/13/2009 08:20	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09223027601A	08/11/2009 10:00	Michelle L Lalli	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 5745837

Group No. 1157030
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/10/2009

Account Number: 11842

Submitted: 08/11/2009 09:10
Reported: 08/20/2009 at 16:08
Discard: 09/20/2009

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	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

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09224A53A	08/12/2009 20:00	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09224A53A	08/12/2009 20:00	Carrie E Miller	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 08/20/09 at 04:08 PM

Group Number: 1157030

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: 09224A53A	Sample number(s): 5745830-5745831,5745833-5745837							
Benzene	< 1.0	1.0	ug/l	110	115	80-120	4	30
Ethylbenzene	< 1.0	1.0	ug/l	105	115	80-120	9	30
Toluene	< 1.0	1.0	ug/l	105	115	80-120	9	30
TPH-GRO water C6-C10	< 50	50.	ug/l	127	127	75-135	0	30
Total Xylenes	< 3.0	3.0	ug/l	107	117	80-120	9	30
Batch number: 09224A54A	Sample number(s): 5745832							
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: 092240009A	Sample number(s): 5745830-5745831,5745833-5745836							
TPH-DRO water C10-C28	< 100	100.	ug/l	80	74	56-122	8	20
Batch number: 092295705001	Sample number(s): 5745830-5745831,5745833-5745836							
Arsenic	< 0.0200	0.0200	mg/l	106		80-120		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Iron	< 0.200	0.200	mg/l	94		90-112		
Manganese	< 0.0050	0.0050	mg/l	103		90-110		
Batch number: 09224196602A	Sample number(s): 5745830-5745831,5745833-5745836							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Batch number: 09223027601A	Sample number(s): 5745830-5745831,5745833-5745836							
Hexavalent Chromium	< 0.020	0.020	mg/l	99		90-110		
Batch number: 09225021201A	Sample number(s): 5745830-5745831,5745833-5745836							
Total Dissolved Solids	< 30.0	30.0	mg/l	91		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09224A53A	Sample number(s): 5745830-5745831,5745833-5745837 UNSPK: 5745834, 5745835								
Benzene	120		70-152						
Ethylbenzene	120		75-133						
Toluene	115		78-129						
TPH-GRO water C6-C10	118		63-154						

*- 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: 1157030
Reported: 08/20/09 at 04:08 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
Total Xylenes	120		67-155						
Batch number: 09224A54A	Sample number(s): 5745832 UNSPK: P745983								
Benzene	95		70-152						
Ethylbenzene	100		75-133						
Toluene	95		78-129						
Total Xylenes	97		67-155						
Batch number: 092295705001	Sample number(s): 5745830-5745831,5745833-5745836 UNSPK: P749992 BKG: P749992								
Arsenic	110	110	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	99	98	81-120	1	20	< 0.0150	< 0.0150	9 (1)	20
Iron	65 (2)	58 (2)	75-125	1	20	10.7	10.3	4	20
Manganese	98	93	75-125	2	20	0.745	0.715	4	20
Batch number: 09224196602A	Sample number(s): 5745830-5745831,5745833-5745836 UNSPK: P746458 BKG: P746458								
Chloride	110		90-110			12,100	12,100	0	20
Batch number: 09223027601A	Sample number(s): 5745830-5745831,5745833-5745836 UNSPK: 5745831 BKG: 5745831								
Hexavalent Chromium	104	101	85-115	2	5	0.063	0.065	2 (1)	5
Batch number: 09225021201A	Sample number(s): 5745830-5745831,5745833-5745836 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: TPH-GRO water C6-C10
Batch number: 09224A53A

	Trifluorotoluene-F	Trifluorotoluene-P
5745830	83	95
5745831	82	97
5745833	83	97
5745834	81	98
5745835	82	97
5745836	81	98
5745837		96
Blank	84	96
LCS	85	98
LCSD	85	98
MS	83	98
Limits:	63-135	69-129

Analysis Name: BTEX (8021)
Batch number: 09224A54A

	Trifluorotoluene-F	Trifluorotoluene-P

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157030
Reported: 08/20/09 at 04:08 PM

Surrogate Quality Control

5745832		113
Blank	115	116
LCS	115	114
LCSD	111	116
MS	107	112
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092240009A

	Orthoterphenyl
5745830	93
5745831	101
5745833	99
5745834	105
5745835	91
5745836	90
Blank	86
LCS	111
LCSD	101
Limits:	54-127

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1157030 Sample # 5745830-37

COC # 217445

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

(1)
Client: Chevron Acct. #:
Project Name/#: W. Eunice/212201135, 206,280 PWSID #:
Project Manager: Chad Cowell P.O.#:
Sampler: Terry S. Lonsdale Quote #:
Name of state where samples were collected: New Mexico

(2) (3) (4) (5) Analyses Requested — Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix	Total # of Containers	TPH 8100	BTEX (8021)	TPH 2320	Fe, As, Cr, Mn	TDS, Cl, Alk, Cl-Cr							Remarks
							H	H	—	—								
MW071SA	8-10-09	1345	X		X	7	3	2	1	1								Filter Diss Metals Inlet
MW086SA	8-10-09	1415	X		X	7	3	2	1	1								" "
Trip Blank	—	—	—		X	2	2											
					SC													
DUP100			X		X	7	3	2	1	1								" "

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

For Lab Use Only
FSC:
SCR#:

(6) Preservation Date / Preservation Time

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-10-09	1750			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	8/10/09	510

Chevron Generic Analysis Request/Chain of Custody

013963

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11842 Sample #: 5745830-37 SCR#:
Group# 1157030

Facility #: Eunice North Gas Plant - 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C. Vanell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713-937-7973 Fax #: 713-937-9238
Sampler: S Bell
Service Order #: ☐ Non SAR:

Matrix: ☐ Potable ☐ NPDES ☑ Soil ☐ Water ☐ Oil ☐ Air

Preservative Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, O = Other

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH GRO 8015B (H)	TPH DRO ☐ Extended Rng. 8015B ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	Dissolved Metals As, Cr, Fe, Mn (T)	Cl (300.0), TDS, Hex Cr (T)
MW014	8-10-09	1332	✓		7	✓			✓	✓				✓	✓
MW013	8-10-09	1419	✓		7	✓			✓	✓				✓	✓
MW054SA	8-10-09	1513	✓		7	✓			✓	✓				✓	✓
Trip Blanks					2	✓									

Comments / Remarks: All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
S Bell	8-10-09	1730			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by:	Date	Time
Temperature Upon Receipt _____ C°			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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

August 21, 2009

SAMPLE GROUP

The sample group for this submittal is 1157230. Samples arrived at the laboratory on Wednesday, August 12, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
IW023 Grab Water Sample	5747033
IW024 Grab Water Sample	5747034
MW090SA Grab Water Sample	5747035
Trip Blank Water Sample	5747036

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Robert Strocko Jr.
Manager

Lancaster Laboratories

Analysis Report

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

Lancaster Laboratories Sample No. WW 5747033

Group No. 1157230
NM

IW023 Grab Water Sample
Eunice North Gas Plant

Collected: 08/11/2009 12:07 by SB

Account Number: 11842

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 10:11
Discard: 09/21/2009

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

ENP23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 95	95	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.300	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
01767	Sodium	7440-23-5	343	5.00	5
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	637	80.0	200
00228	Sulfate	14808-79-8	774	100	100
SM20 5310 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00273	Total Organic Carbon	n.a.	4.4	1.0	1
SM20 2320 B	**Wet Chemistry**		**mg/l as CaCO3**	**mg/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	240	2.0	1
00201	Alkalinity to pH 8.3	n.a.	< 2.0	2.0	1
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	2,700	240	1
SM20 4500 H/B	**Wet Chemistry**		**Std. Units**	**Std. Units**	
00200	pH	n.a.	7.1	0.010	1
SM20 4500 S2 D	**Wet Chemistry**		**mg/l**	**mg/l**	
00230	Sulfide	18496-25-8	< 0.16	0.16	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.28	0.020	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5747033

Group No. 1157230
NM

IW023 Grab Water Sample
Eunice North Gas Plant

Collected: 08/11/2009 12:07 by SB

Account Number: 11842

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 10:11
Discard: 09/21/2009

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

ENP23

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
[illegible]636	TPH-GRO water C6-C10	SW-846 8015B	1	09225A53A	08/13/2009	20:12	Marie D John	1
[illegible]8213	BTEX (8021)	SW-846 8021B	1	09225A53A	08/13/2009	20:12	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09225A53A	08/13/2009	20:12	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240023A	08/14/2009	10:42	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092240023A	08/13/2009	08:55	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009	17:00	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009	17:00	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009	17:00	Eric L Eby	1
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009	17:00	Eric L Eby	1
01767	Sodium	SW-846 6010B	1	092295705001	08/20/2009	10:23	Joanne M Gates	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009	21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09225196602A	08/15/2009	01:01	Ashley M Adams	200
00228	Sulfate	EPA 300.0	1	09225196602A	08/14/2009	01:54	Ashley M Adams	100
00273	Total Organic Carbon	SM20 5310 C	1	09229049502A	08/17/2009	02:02	James S Mathiot	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	09229020201A	08/17/2009	18:08	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	09229020201A	08/17/2009	18:08	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	09229021201A	08/17/2009	09:17	Susan E Hibner	1
00200	pH	SM20 4500 H/B	1	09224020001A	08/12/2009	22:40	Luz M Groff	1
00230	Sulfide	SM20 4500 S2 D	1	09224023002A	08/12/2009	22:01	Geraldine C Smith	1
00276	Hexavalent Chromium	SW-846 7196A	1	09224027604A	08/12/2009	10:10	Michelle L Lalli	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 5747034

Group No. 1157230
NM

IW024 Grab Water Sample
Eunice North Gas Plant

Collected: 08/11/2009 13:50 by SB

Account Number: 11842

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 10:11
Discard: 09/21/2009

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

ENP24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	1.47	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.398	0.0050	1
01767	Sodium	7440-23-5	601	10.0	10
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	1,020	80.0	200
00228	Sulfate	14808-79-8	1,670	200	200
SM20 5310 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00273	Total Organic Carbon	n.a.	6.3	1.0	1
SM20 2320 B	**Wet Chemistry**		**mg/l as CaCO3**	**mg/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	210	2.0	1
00201	Alkalinity to pH 8.3	n.a.	< 2.0	2.0	1
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	4,840	600	1
SM20 4500 H/B	**Wet Chemistry**		**Std. Units**	**Std. Units**	
00200	pH	n.a.	7.2	0.010	1
SM20 4500 S2 D	**Wet Chemistry**		**mg/l**	**mg/l**	
00230	Sulfide	18496-25-8	< 0.16	0.16	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	1.2	0.040	2

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Analysis Report

Lancaster Laboratories Sample No. WW 5747034

Group No. 1157230
NM

IW024 Grab Water Sample
Eunice North Gas Plant

Collected: 08/11/2009 13:50 by SB

Account Number: 11842

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 10:11
Discard: 09/21/2009

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

ENP24

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
[illegible]636	TPH-GRO water C6-C10	SW-846 8015B	1	09225A53A	08/13/2009	20:36	Marie D John	1
[illegible]8213	BTEX (8021)	SW-846 8021B	1	09225A53A	08/13/2009	20:36	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09225A53A	08/13/2009	20:36	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240023A	08/14/2009	11:23	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092240023A	08/13/2009	08:55	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009	17:04	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009	17:04	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009	17:04	Eric L Eby	1
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009	17:04	Eric L Eby	1
01767	Sodium	SW-846 6010B	1	092295705001	08/20/2009	10:26	Joanne M Gates	10
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009	21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09225196602A	08/15/2009	01:17	Ashley M Adams	200
00228	Sulfate	EPA 300.0	1	09225196602A	08/15/2009	01:17	Ashley M Adams	200
00273	Total Organic Carbon	SM20 5310 C	1	09229049502A	08/17/2009	02:09	James S Mathiot	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	09229020201A	08/17/2009	18:08	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	09229020201A	08/17/2009	18:08	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	09229021201A	08/17/2009	09:17	Susan E Hibner	1
00200	pH	SM20 4500 H/B	1	09224020001A	08/12/2009	22:40	Luz M Groff	1
00230	Sulfide	SM20 4500 S2 D	1	09224023002A	08/12/2009	22:01	Geraldine C Smith	1
00276	Hexavalent Chromium	SW-846 7196A	1	09224027604A	08/12/2009	10:10	Michelle L Lalli	2

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Analysis Report

Lancaster Laboratories Sample No. WW 5747035

Group No. 1157230
NM

MW090SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/11/2009 15:31 by SB

Account Number: 11842

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 10:11
Discard: 09/21/2009

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

ENP90

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.580	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
01767	Sodium	7440-23-5	472	10.0	10
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	648	80.0	200
00228	Sulfate	14808-79-8	1,170	100	100
SM20 5310 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00273	Total Organic Carbon	n.a.	5.5	1.0	1
SM20 2320 B	**Wet Chemistry**		**mg/l as CaCO3**	**mg/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	231	2.0	1
00201	Alkalinity to pH 8.3	n.a.	< 2.0	2.0	1
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	3,290	240	1
SM20 4500 H/B	**Wet Chemistry**		**Std. Units**	**Std. Units**	
00200	pH	n.a.	7.1	0.010	1
SM20 4500 S2 D	**Wet Chemistry**		**mg/l**	**mg/l**	
00230	Sulfide	18496-25-8	< 0.16	0.16	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.52	0.020	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5747035

Group No. 1157230
NM

MW090SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/11/2009 15:31 by SB

Account Number: 11842

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 10:11
Discard: 09/21/2009

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

ENP90

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
1636	TPH-GRO water C6-C10	SW-846 8015B	1	09225A53A	08/13/2009 21:00	Marie D John	1
8213	BTEX (8021)	SW-846 8021B	1	09225A53A	08/13/2009 21:00	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09225A53A	08/13/2009 21:00	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092240023A	08/14/2009 11:43	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092240023A	08/13/2009 08:55	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092295705001	08/19/2009 17:09	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092295705001	08/19/2009 17:09	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092295705001	08/19/2009 17:09	Eric L Eby	1
07058	Manganese	SW-846 6010B	1	092295705001	08/19/2009 17:09	Eric L Eby	1
01767	Sodium	SW-846 6010B	1	092295705001	08/20/2009 10:35	Joanne M Gates	10
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092295705001	08/18/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09225196602A	08/15/2009 01:32	Ashley M Adams	200
00228	Sulfate	EPA 300.0	1	09225196602A	08/14/2009 02:25	Ashley M Adams	100
00273	Total Organic Carbon	SM20 5310 C	1	09229049502A	08/17/2009 02:33	James S Mathiot	1
00202	Alkalinity to pH 4.5	SM20 2320 B	1	09229020201A	08/17/2009 18:08	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	09229020201A	08/17/2009 18:08	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	09229021201A	08/17/2009 09:17	Susan E Hibner	1
00200	pH	SM20 4500 H/B	1	09224020001A	08/12/2009 22:40	Luz M Groff	1
00230	Sulfide	SM20 4500 S2 D	1	09224023002A	08/12/2009 22:01	Geraldine C Smith	1
00276	Hexavalent Chromium	SW-846 7196A	1	09224027604A	08/12/2009 10:10	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5747036

Group No. 1157230
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/11/2009

Account Number: 11842

Submitted: 08/12/2009 09:00
Reported: 08/21/2009 at 10:11
Discard: 09/21/2009

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

ENPTB

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

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09225A53A	08/13/2009 18:59	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09225A53A	08/13/2009 18:59	Marie D John	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 08/21/09 at 10:11 AM

Group Number: 1157230

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: 09225A53A	Sample number(s): 5747033-5747036							
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
TPH-GRO water C6-C10	< 50	50.	ug/l	127	127	75-135	0	30
Total Xylenes	< 3.0	3.0	ug/l	115	103	80-120	11	30
Batch number: 092240023A	Sample number(s): 5747033-5747035							
TPH-DRO water C10-C28	< 100	100.	ug/l	56	61	56-122	9	20
Batch number: 092295705001	Sample number(s): 5747033-5747035							
Arsenic	< 0.0200	0.0200	mg/l	106		80-120		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Iron	< 0.200	0.200	mg/l	94		90-112		
Manganese	< 0.0050	0.0050	mg/l	103		90-110		
Sodium	< 1.00	1.00	mg/l	107		80-120		
Batch number: 09225196602A	Sample number(s): 5747033-5747035							
Chloride	< 0.40	0.40	mg/l	97		90-110		
Sulfate	< 1.0	1.0	mg/l	98		89-110		
Batch number: 09229049502A	Sample number(s): 5747033-5747035							
Total Organic Carbon	< 1.0	1.0	mg/l	105		91-113		
Batch number: 09224020001A	Sample number(s): 5747033-5747035							
pH				100		99-101		
Batch number: 09224023002A	Sample number(s): 5747033-5747035							
Sulfide	< 0.16	0.16	mg/l	100		90-110		
Batch number: 09224027604A	Sample number(s): 5747033-5747035							
Hexavalent Chromium	< 0.020	0.020	mg/l	105		90-110		
Batch number: 09229020201A	Sample number(s): 5747033-5747035							
Alkalinity to pH 4.5	< 2.0	2.0	mg/l as CaCO3	100		98-103		
Batch number: 09229021201A	Sample number(s): 5747033-5747035							
Total Dissolved Solids	< 30.0	30.0	mg/l	97		80-120		

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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157230
Reported: 08/21/09 at 10:11 AM
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: 09225A53A	Sample number(s): 5747033-5747036 UNSPK: P747285								
Benzene	115	110	70-152	4	30				
Ethylbenzene	115	115	75-133	0	30				
Toluene	115	115	78-129	0	30				
TPH-GRO water C6-C10	118	118	63-154	0	30				
Total Xylenes	117	117	67-155	0	30				
Batch number: 092295705001	Sample number(s): 5747033-5747035 UNSPK: P749992 BKG: P749992								
Arsenic	110	110	75-125	1	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	99	98	81-120	1	20	< 0.0150	< 0.0150	9 (1)	20
Iron	65 (2)	58 (2)	75-125	1	20	10.7	10.3	4	20
Manganese	98	93	75-125	2	20	0.745	0.715	4	20
Sodium	236 (2)	-105 (2)	75-125	6	20	568	563	1	20
Batch number: 09225196602A	Sample number(s): 5747033-5747035 UNSPK: P747981 BKG: P747981								
Chloride	73*		90-110			136	133	2	20
Sulfate	104		90-110			24.7	24.9	1 (1)	20
Batch number: 09229049502A	Sample number(s): 5747033-5747035 UNSPK: P749246 BKG: P749246								
Total Organic Carbon	114		64-141			2.8	2.8	2 (1)	4
Batch number: 09224020001A	Sample number(s): 5747033-5747035 BKG: P743504								
pH						7.3	7.3	0	1
Batch number: 09224023002A	Sample number(s): 5747033-5747035 UNSPK: P747138 BKG: P748130								
Sulfide	100	99	69-133	1	18	3.5	3.5	0	7
Batch number: 09224027604A	Sample number(s): 5747033-5747035 UNSPK: P747106 BKG: P747106								
Hexavalent Chromium	102	100	85-115	2	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09229020201A	Sample number(s): 5747033-5747035 UNSPK: P744684 BKG: P744684								
Alkalinity to pH 4.5	99	99	64-130	0	2	34.7	34.7	0	4
Alkalinity to pH 8.3						< 2.0	< 2.0	0 (1)	4
Batch number: 09229021201A	Sample number(s): 5747033-5747035 UNSPK: P747300 BKG: P747300								
Total Dissolved Solids	95	98	54-143	1	12	48,200	47,400	2	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: TPH-GRO water C6-C10
Batch number: 09225A53A

	Trifluorotoluene-F	Trifluorotoluene-P
5747033	80	97
5747034	80	97
5747035	82	98
5747036		96

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157230
Reported: 08/21/09 at 10:11 AM

Surrogate Quality Control

Blank	83	97
LCS	88	98
LCSD	86	99
MS	83	98
MSD	82	98
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092240023A

	Orthoterphenyl
5747033	76
5747034	78
5747035	85
Blank	70
LCS	86
LCSD	91
Limits:	54-127

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1157230 Sample # 5747033-36 **COC #** 217446

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

(1) Client: Chevron Acct. #:

Project Name/#: Eunice/212201.35.2062250 PWSID #:

Project Manager: Chad Vowell P.O.#:

Sampler: Steve Bell & Terry Longwell Quote #:

Name of state where samples were collected: New Mexico

(5) Analyses Requested — Preservation Codes

(2) (3) (4)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix	# of Containers	TPH GRO BTEX (8021)	TPH DRO	Fe, As, Cr, Mn	TDS, Cl (300.0) Cr6+	Sulf. SO4 (300.0)	Alk.	8260 52-(376.2)	TOC	Remarks
							H	H	—	—	—	—	B/O	O	
IW023	8-11-09	1207	X		X	11	3	2	1	1	1	1	1	1	Filter Diss Metals in lab
IW024	8-11-09	1350	X		X	11	3	2	1	1	1	1	1	1	" "
MW090SA	8-11-09	1531	X		X	11	3	2	1	1	1	1	1	1	" "
Trip Blank	—	—	—		X	2									

2.3-2.4°C

DW

For Lab Use Only

FSC:

SCR#:

Preservation Codes

H=HCl T=Thiosulfate

N=HNO_3 B=NaOH

S=H_2SO_4 O=Other

(6) Preservation Codes (Header Row Number)

(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)

Type IV (CLP SOW)

Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-11-09	1745			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Deborah Neslund	8/12/09	0900

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

August 24, 2009

SAMPLE GROUP

The sample group for this submittal is 1157439. Samples arrived at the laboratory on Thursday, August 13, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW024A Grab Water Sample	5748266
MW059 Grab Water Sample	5748267
MW023 Grab Water Sample	5748268
MW048SA Grab Water Sample	5748269
MW055SA Grab Water Sample	5748270
MW056SA Grab Water Sample	5748271
Trip Blank Water Sample	5748272

METHODOLOGY

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

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

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Analysis Report

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

Respectfully Submitted,

Tracy A. Cole

Tracy A. Cole
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5748266

Group No. 1157439
NM

MW024A Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 10:40 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU24A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
SW-846 8021B	**GC Volatiles**		**ug/l**	**ug/l**	
08213	Benzene	71-43-2	2.0	1.0	1
08213	Ethylbenzene	100-41-4	< 1.0	1.0	1
08213	Toluene	108-88-3	1.3	1.0	1
08213	Total Xylenes	1330-20-7	< 3.0	3.0	1
SW-846 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	240	95	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0307	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	63.5	8.0	20
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	452	30.0	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.034	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09229A94A	08/17/2009 19:06	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09229A94A	08/17/2009 19:06	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229A94A	08/17/2009 19:06	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092270009A	08/19/2009 00:38	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092270009A	08/17/2009 08:45	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:06	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:06	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009 09:06	Joanne M Gates	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748266

Group No. 1157439
NM

MW024A Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 10:40 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU24A

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009 09:06	Joanne M Gates	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09226196601A	08/19/2009 02:20	Joseph E McKenzie	20
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09225027601A	08/13/2009 09:45	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5748267

Group No. 1157439
NM

MW059 Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 12:04 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EUN59

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	110	97	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0232	0.0200	1
07051	Chromium	7440-47-3	0.210	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	497	200	500
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	2,260	240	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.22	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09229A94A	08/17/2009 19:58	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09229A94A	08/17/2009 19:58	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229A94A	08/17/2009 19:58	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092270009A	08/19/2009 00:59	Diane V Do	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092270009A	08/17/2009 08:45	Karen R Rettew	1
[illegible]035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:24	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:24	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009 09:24	Joanne M Gates	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748267

Group No. 1157439
NM

MW059 Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 12:04 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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Houston TX 77040

EUN59

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009 09:24	Joanne M Gates	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09226196601A	08/14/2009 15:45	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09225027601A	08/13/2009 09:45	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748268

Group No. 1157439
NM

MW023 Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 13:09 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

STANTEC International, Inc.
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Ste 400
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EUN23

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	96	96	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	0.0218	0.0200	1
07051	Chromium		7440-47-3	1.69	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	771	200	500
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,890	240	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	1.6	0.040	2

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09229A94A	08/17/2009 20:25	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09229A94A	08/17/2009 20:25	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229A94A	08/17/2009 20:25	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092270009A	08/19/2009 01:19	Diane V Do	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092270009A	08/17/2009 08:45	Karen R Rettew	1
[illegible]035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:27	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:27	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009 09:27	Joanne M Gates	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748268

Group No. 1157439
NM

MW023 Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 13:09 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EUN23

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009 09:27	Joanne M Gates	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09226196601A	08/14/2009 16:01	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09225027601A	08/13/2009 09:45	Michelle L Lalli	2

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Analysis Report

Lancaster Laboratories Sample No. WW 5748269

Group No. 1157439
NM

MW048SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 14:05 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU48S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.310	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	492	200	500
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,740	240	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.32	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09229A94A	08/17/2009 20:51	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09229A94A	08/17/2009 20:51	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229A94A	08/17/2009 20:51	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092270009A	08/19/2009 01:40	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092270009A	08/17/2009 08:45	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:36	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:36	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009 09:36	Joanne M Gates	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748269

Group No. 1157439
NM

MW048SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 14:05 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU48S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009 09:36	Joanne M Gates	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09226196601A	08/14/2009 16:16	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09225027601A	08/13/2009 09:45	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748270

Group No. 1157439
NM

MW055SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 14:59 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU55S

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B		**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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 8015B		**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 95	95	1
SW-846 6010B		**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.243	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
EPA 300.0		**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	589	200	500
SM20 2540 C		**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,830	240	1
SW-846 7196A		**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.25	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09229A94A	08/17/2009 21:18	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09229A94A	08/17/2009 21:18	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229A94A	08/17/2009 21:18	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092270009A	08/19/2009 02:00	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092270009A	08/17/2009 08:45	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:40	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:40	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009 09:40	Joanne M Gates	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748270

Group No. 1157439
NM

MW055SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 14:59 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU55S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009 09:40	Joanne M Gates	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09226196601A	08/14/2009 16:32	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09225027601A	08/13/2009 09:45	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748271

Group No. 1157439
NM

MW056SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 15:39 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU56S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	160	95	1
SW-846 6010B	**Metals Dissolved**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0254	0.0200	1
07051	Chromium	7440-47-3	0.398	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
EPA 300.0	**Wet Chemistry**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	1,330	200	500
SM20 2540 C	**Wet Chemistry**		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	4,020	600	1
SW-846 7196A	**Wet Chemistry**		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.41	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09229A94A	08/17/2009 21:44	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09229A94A	08/17/2009 21:44	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229A94A	08/17/2009 21:44	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092270009A	08/19/2009 02:21	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092270009A	08/17/2009 08:45	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:43	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:43	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009 09:43	Joanne M Gates	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5748271

Group No. 1157439
NM

MW056SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/12/2009 15:39 by SB

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EU56S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009 09:43	Joanne M Gates	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09226196601A	08/14/2009 16:47	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09229021202A	08/17/2009 12:14	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09225027601A	08/13/2009 09:45	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748272

Group No. 1157439
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/12/2009

Account Number: 11842

Submitted: 08/13/2009 09:05
Reported: 08/24/2009 at 15:13
Discard: 09/24/2009

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

EUN-T

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

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09229A94B	08/18/2009 14:41	Carrie E Miller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229A94B	08/18/2009 14:41	Carrie E Miller	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157439
Reported: 08/24/09 at 03:13 PM

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: 09229A94A	Sample number(s): 5748266-5748271							
Benzene	< 1.0	1.0	ug/l	115	115	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
TPH-GRO water C6-C10	< 50	50.	ug/l	109	100	75-135	9	30
Total Xylenes	< 3.0	3.0	ug/l	113	113	80-120	0	30
Batch number: 09229A94B	Sample number(s): 5748272							
Benzene	< 1.0	1.0	ug/l	115	115	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: 092270009A	Sample number(s): 5748266-5748271							
TPH-DRO water C10-C28	< 100	100.	ug/l	94	89	56-122	5	20
Batch number: 092325705002	Sample number(s): 5748266-5748271							
Arsenic	< 0.0200	0.0200	mg/l	105		80-120		
Chromium	< 0.0150	0.0150	mg/l	99		90-110		
Iron	< 0.200	0.200	mg/l	97		90-112		
Manganese	< 0.0050	0.0050	mg/l	103		90-110		
Batch number: 09226196601A	Sample number(s): 5748266-5748271							
Chloride	< 0.40	0.40	mg/l	97		90-110		
Batch number: 09225027601A	Sample number(s): 5748266-5748271							
Hexavalent Chromium	< 0.020	0.020	mg/l	105		90-110		
Batch number: 09229021202A	Sample number(s): 5748266-5748271							
Total Dissolved Solids	< 30.0	30.0	mg/l	96		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09229A94A	Sample number(s): 5748266-5748271 UNSPK: P748635, P748637								
Benzene	130		70-152						
Ethylbenzene	125		75-133						
Toluene	125		78-129						
TPH-GRO water C6-C10	127		63-154						

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157439
Reported: 08/24/09 at 03:13 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
Total Xylenes	128		67-155						
Batch number: 09229A94B	Sample number(s): 5748272 UNSPK: P748635								
Benzene	130		70-152						
Ethylbenzene	125		75-133						
Toluene	125		78-129						
Total Xylenes	128		67-155						
Batch number: 092325705002	Sample number(s): 5748266-5748271 UNSPK: 5748266 BKG: 5748266								
Arsenic	107	106	75-125	1	20	< 0.0200	< 0.0200	7 (1)	20
Chromium	99	99	81-120	0	20	0.0307	0.0311	1 (1)	20
Iron	97	97	75-125	0	20	< 0.200	< 0.200	0 (1)	20
Manganese	103	103	75-125	0	20	< 0.0050	< 0.0050	0 (1)	20
Batch number: 09226196601A	Sample number(s): 5748266-5748271 UNSPK: P748640 BKG: P748640								
Chloride	99		90-110			11,000	10,900	1	20
Batch number: 09225027601A	Sample number(s): 5748266-5748271 UNSPK: 5748266 BKG: 5748266								
Hexavalent Chromium	109	102	85-115	5	5	0.034	0.034	0 (1)	5
Batch number: 09229021202A	Sample number(s): 5748266-5748271 UNSPK: P748640 BKG: P748640								
Total Dissolved Solids	102	101	54-143	1	12	22,900	22,700	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: 09229A94A

	Trifluorotoluene-F	Trifluorotoluene-P
5748266	86	100
5748267	87	100
5748268	86	99
5748269	86	101
5748270	86	100
5748271	85	100
Blank	85	99
LCS	95	100
LCSD	93	99
MS	93	100
Limits:	63-135	69-129

Analysis Name: BTEX (8021)
Batch number: 09229A94B

	Trifluorotoluene-F	Trifluorotoluene-P
5748272		100

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157439
Reported: 08/24/09 at 03:13 PM

Surrogate Quality Control

Blank	85	100
LCS	95	100
LCSD	93	99
MS	93	100
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092270009A

	Orthoterphenyl
5748266	98
5748267	97
5748268	95
5748269	93
5748270	100
5748271	99
Blank	92
LCS	110
LCSD	101
Limits:	54-127

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

Chevron Generic Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

013964

For Lancaster Laboratories use only
Acct. #: 11842 Sample #: 5748266-72 SCR#:

1157439

Facility #: Eunice North Gas Plant - 21220135
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: S. Hall Kimell
Consultant/Office: Stantec
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713-937-7373 Fax #: 713-983-8328
Sampler: SS
Service Order #: ☐ Non SAR:

Matrix: ☐ Potable ☐ NPDES ☑ Water ☐ Oil ☐ Air ☐ Soil

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH GRO SW8015 (H)	TPH D ☐ Extended Rng. SW8015 ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	TDS, Cl-(300.0), Hex Cr (I)	Dissolved Metals Fe, Mn, As (I)
MW024A	8-12-09	1040	✓		7	✓			✓	✓				✓	✓
MW059	8-12-09	1204	✓		7	✓			✓	✓				✓	✓
MW023	8-12-09	1309	✓		7	✓			✓	✓				✓	✓
MW048SA	8-12-09	1405	✓		7	✓			✓	✓				✓	✓
MW055SA	8-12-09	1459	✓		7	✓			✓	✓				✓	✓
MW056SA	8-12-09	1539	✓		7	✓			✓	✓				✓	✓
Trip Blank	8-12-09	—			4	✓									

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
Lab Filter for Dissolved metals

All times are Central time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
Stan Bell	8/12/09	1745			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: Kristin Zeigh	8-13-09	0905
Temperature Upon Receipt 1.9-3.0 C°			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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

August 31, 2009

SAMPLE GROUP

The sample group for this submittal is 1157622. Samples arrived at the laboratory on Friday, August 14, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
IW025 Grab Water Sample	5749423
IW026 Grab Water Sample	5749424
MW084SA Grab Water Sample	5749425
Trip Blank Water Sample	5749426

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5749423

Group No. 1157622
NM

IW025 Grab Water Sample
Eunice North Gas Plant

Collected: 08/13/2009 13:21 by JL

Account Number: 11842

Submitted: 08/14/2009 09:00
Reported: 08/31/2009 at 14:12
Discard: 10/01/2009

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

IW025

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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	5.8	3.0	1
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	190	100	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0387	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.263	0.0050	1
01767	Sodium	7440-23-5	563	10.0	10
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	582	80.0	200
00228	Sulfate	14808-79-8	866	200	200
	SM20 5310 C		**mg/l**	**mg/l**	
00273	Total Organic Carbon	n.a.	60.8	2.0	2
	SM20 2320 B		**mg/l as CaCO3**	**mg/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	799	2.0	1
00201	Alkalinity to pH 8.3	n.a.	< 2.0	2.0	1
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	3,220	240	1
	SM20 4500 H/B		**Std. Units**	**Std. Units**	
00200	pH	n.a.	6.6	0.010	1
	SM20 4500 S2 D		**mg/l**	**mg/l**	
00230	Sulfide	18496-25-8	254	32.0	200
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5749423

Group No. 1157622
NM

IW025 Grab Water Sample
Eunice North Gas Plant

Collected: 08/13/2009 13:21 by JL

Account Number: 11842

Submitted: 08/14/2009 09:00
Reported: 08/31/2009 at 14:12
Discard: 10/01/2009

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

IW025

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09232A54A	08/20/2009	20:57	Marie D John	1
01213	BTEX (8021)	SW-846 8021B	1	09232A54A	08/20/2009	20:57	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09232A54A	08/20/2009	20:57	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092300008A	08/19/2009	18:42	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092300008A	08/18/2009	16:05	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009	09:46	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009	09:46	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009	09:46	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009	09:46	Joanne M Gates	1
01767	Sodium	SW-846 6010B	1	092325705002	08/24/2009	10:44	Joanne M Gates	10
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009	21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09231373102A	08/28/2009	21:41	Joseph E McKenzie	200
00228	Sulfate	EPA 300.0	1	09231373102A	08/24/2009	22:39	Joseph E McKenzie	200
00273	Total Organic Carbon	SM20 5310 C	1	09230049502B	08/19/2009	01:36	James S Mathiot	2
00202	Alkalinity to pH 4.5	SM20 2320 B	1	09229020201A	08/17/2009	18:08	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	09229020201A	08/17/2009	18:08	Geraldine C Smith	1
00212	Total Dissolved Solids	SM20 2540 C	1	09230021201A	08/18/2009	08:29	Hannah M Royer	1
00200	pH	SM20 4500 H/B	1	09226020001A	08/14/2009	20:45	Luz M Groff	1
00230	Sulfide	SM20 4500 S2 D	1	09230023002A	08/18/2009	22:09	Geraldine C Smith	200
00276	Hexavalent Chromium	SW-846 7196A	1	09226027601A	08/14/2009	10:00	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5749424

Group No. 1157622
NM

IW026 Grab Water Sample
Eunice North Gas Plant

Collected: 08/13/2009 13:17 by JL

Account Number: 11842

Submitted: 08/14/2009 09:00
Reported: 08/31/2009 at 14:12
Discard: 10/01/2009

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

IW026

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
01767	Sodium	7440-23-5	246	5.00	5
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	460	40.0	100
00228	Sulfate	14808-79-8	390	100	100
	SM20 2320 B		**mg/l as CaCO3**	**mg/l as CaCO3**	
00202	Alkalinity to pH 4.5	n.a.	256	2.0	1
00201	Alkalinity to pH 8.3	n.a.	< 2.0	2.0	1
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,640	120	1
	SM20 4500 H/B		**Std. Units**	**Std. Units**	
00200	pH	n.a.	7.2	0.010	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009	09:49	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009	09:49	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009	09:49	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009	09:49	Joanne M Gates	1
01767	Sodium	SW-846 6010B	1	092325705002	08/24/2009	10:48	Joanne M Gates	5
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009	21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09231373102A	08/28/2009	23:07	Joseph E McKenzie	100
00228	Sulfate	EPA 300.0	1	09231373102A	08/24/2009	23:31	Joseph E McKenzie	100
00202	Alkalinity to pH 4.5	SM20 2320 B	1	09233020202A	08/21/2009	18:09	Geraldine C Smith	1
00201	Alkalinity to pH 8.3	SM20 2320 B	1	09233020202A	08/21/2009	18:09	Geraldine C Smith	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5749424

Group No. 1157622
NM

IW026 Grab Water Sample
Eunice North Gas Plant

Collected: 08/13/2009 13:17 by JL

Account Number: 11842

Submitted: 08/14/2009 09:00
Reported: 08/31/2009 at 14:12
Discard: 10/01/2009

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

IW026

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00212	Total Dissolved Solids	SM20 2540 C	1	09230021201A	08/18/2009 08:29	Hannah M Royer	1
00200	pH	SM20 4500 H/B	1	09232020001A	08/20/2009 22:30	Luz M Groff	1
00276	Hexavalent Chromium	SW-846 7196A	1	09226027601A	08/14/2009 10:00	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5749425

Group No. 1157622
NM

MW084SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/13/2009 15:29 by JL

Account Number: 11842

Submitted: 08/14/2009 09:00
Reported: 08/31/2009 at 14:12
Discard: 10/01/2009

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

MW084

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	210	93	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	0.0229	0.0200	1
07051	Chromium		7440-47-3	0.0982	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,980	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	4,760	600	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.11	0.020	1

This sample was analyzed twice for hexavalent chromium . The result of the second analysis was 0.10 mg/L.

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09232A54A	08/20/2009 21:21	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09232A54A	08/20/2009 21:21	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09232A54A	08/20/2009 21:21	Marie D John	1
8269	TPH-DRO water C10-C28	SW-846 8015B	1	092300008A	08/19/2009 18:21	Diane V Do	1
7003	Extraction - DRO (Waters)	SW-846 3510C	1	092300008A	08/18/2009 16:05	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092325705002	08/21/2009 09:52	Joanne M Gates	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5749425

Group No. 1157622
NM

MW084SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/13/2009 15:29 by JL

Account Number: 11842

Submitted: 08/14/2009 09:00
Reported: 08/31/2009 at 14:12
Discard: 10/01/2009

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

MW084

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07051	Chromium	SW-846 6010B	1	092325705002	08/21/2009 09:52	Joanne M Gates	1
01754	Iron	SW-846 6010B	1	092325705002	08/21/2009 09:52	Joanne M Gates	1
07058	Manganese	SW-846 6010B	1	092325705002	08/21/2009 09:52	Joanne M Gates	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092325705002	08/20/2009 21:30	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09231373102A	08/28/2009 23:25	K. Robert Caulfeild-James	500
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09230021201A	08/18/2009 08:29	Hannah M Royer	1
[illegible]276	Hexavalent Chromium	SW-846 7196A	1	09226027601A	08/14/2009 10:00	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5749426

Group No. 1157622
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/13/2009

Account Number: 11842

Submitted: 08/14/2009 09:00
Reported: 08/31/2009 at 14:12
Discard: 10/01/2009

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

MW84T

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

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	09232A54A	08/20/2009 17:25	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09232A54A	08/20/2009 17:25	Marie D John	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157622
Reported: 08/31/09 at 02:12 PM

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: 09232A54A	Sample number(s): 5749423,5749425-5749426							
Benzene	< 1.0	1.0	ug/l	105	110	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	95	100	80-120	5	30
Toluene	< 1.0	1.0	ug/l	95	100	80-120	5	30
TPH-GRO water C6-C10	< 50	50.	ug/l	100	100	75-135	0	30
Total Xylenes	< 3.0	3.0	ug/l	98	102	80-120	3	30
Batch number: 092300008A	Sample number(s): 5749423,5749425							
TPH-DRO water C10-C28	< 100	100.	ug/l	76	70	56-122	9	20
Batch number: 092325705002	Sample number(s): 5749423-5749425							
Arsenic	< 0.0200	0.0200	mg/l	105		80-120		
Chromium	< 0.0150	0.0150	mg/l	99		90-110		
Iron	< 0.200	0.200	mg/l	97		90-112		
Manganese	< 0.0050	0.0050	mg/l	103		90-110		
Sodium	< 1.00	1.00	mg/l	101		80-120		
Batch number: 09230049502B	Sample number(s): 5749423							
Total Organic Carbon	< 1.0	1.0	mg/l	109		91-113		
Batch number: 09231373102A	Sample number(s): 5749423-5749425							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Sulfate	< 1.0	1.0	mg/l	104		89-110		
Batch number: 09226020001A	Sample number(s): 5749423							
pH				100		99-101		
Batch number: 09226027601A	Sample number(s): 5749423-5749425							
Hexavalent Chromium	< 0.020	0.020	mg/l	100		90-110		
Batch number: 09229020201A	Sample number(s): 5749423							
Alkalinity to pH 4.5	< 2.0	2.0	mg/l as CaCO3	100		98-103		
Batch number: 09230021201A	Sample number(s): 5749423-5749425							
Total Dissolved Solids	< 30.0	30.0	mg/l	97		80-120		
Batch number: 09230023002A	Sample number(s): 5749423							
Sulfide	< 0.16	0.16	mg/l	101		90-110		
Batch number: 09232020001A	Sample number(s): 5749424							
pH				100		99-101		
Batch number: 09233020202A	Sample number(s): 5749424							
Alkalinity to pH 4.5	< 2.0	2.0	mg/l as CaCO3	100		98-103		

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157622
Reported: 08/31/09 at 02:12 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	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09232A54A	Sample number(s): 5749423,5749425-5749426 UNSPK: P748809, 5749425								
Benzene	115		70-152						
Ethylbenzene	115		75-133						
Toluene	110		78-129						
TPH-GRO water C6-C10	127		63-154						
Total Xylenes	117		67-155						
Batch number: 092325705002	Sample number(s): 5749423-5749425 UNSPK: P748266 BKG: P748266								
Arsenic	107	106	75-125	1	20	< 0.0200	< 0.0200	7 (1)	20
Chromium	99	99	81-120	0	20	0.0307	0.0311	1 (1)	20
Iron	97	97	75-125	0	20	< 0.200	< 0.200	0 (1)	20
Manganese	103	103	75-125	0	20	< 0.0050	< 0.0050	0 (1)	20
Sodium	90 (2)	101 (2)	75-125	2	20	48.2	47.8	1	20
Batch number: 09230049502B	Sample number(s): 5749423 UNSPK: P748640 BKG: P748640								
Total Organic Carbon	72		64-141			3.9	3.7	5* (1)	4
Batch number: 09231373102A	Sample number(s): 5749423-5749425 UNSPK: 5749423 BKG: 5749423								
Chloride	130*		90-110			582	616	6	20
Sulfate	141*		90-110			866	854	1	20
Batch number: 09226020001A	Sample number(s): 5749423 BKG: 5749423								
pH						6.6	6.6	0	1
Batch number: 09226027601A	Sample number(s): 5749423-5749425 UNSPK: 5749425 BKG: 5749425								
Hexavalent Chromium	105	103	85-115	1	5	0.11	0.11	3	5
Batch number: 09229020201A	Sample number(s): 5749423 UNSPK: P744684 BKG: P744684								
Alkalinity to pH 4.5	99	99	64-130	0	2	34.7	34.7	0	4
Alkalinity to pH 8.3						< 2.0	< 2.0	0 (1)	4
Batch number: 09230021201A	Sample number(s): 5749423-5749425 UNSPK: P750628 BKG: P750628								
Total Dissolved Solids	96	97	54-143	0	12	2,680	2,670	0	9
Batch number: 09230023002A	Sample number(s): 5749423 UNSPK: P749238 BKG: P749236								
Sulfide	97	97	69-133	0	18	7.7	7.8	0	7
Batch number: 09232020001A	Sample number(s): 5749424 BKG: 5749424								
pH						7.2	7.2	0	1
Batch number: 09233020202A	Sample number(s): 5749424 UNSPK: P750095 BKG: P750095								
Alkalinity to pH 4.5	99	99	64-130	0	2	56.5	57.8	2	4
Alkalinity to pH 8.3						< 2.0	< 2.0	0 (1)	4

Surrogate 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157622
Reported: 08/31/09 at 02:12 PM

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: 09232A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5749423	107	112
5749425	101	109
5749426		114
Blank	107	112
LCS	116	112
LCSD	119	114
MS	107	109
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092300008A

	Orthoterphenyl
5749423	84
5749425	97
Blank	81
LCS	108
LCSD	103
Limits:	54-127

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1157622 Sample # 5749423-26

COC # 217448

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

(1) Client: Chevron Acct. #: 201.250

Project Name/#: D.Eunice/212201135 PWSID #:

Project Manager: Chad Vowell P.O.#:

Sampler: T.Longwell/Sonya Gonzales Quote #:

Name of state where samples were collected: New Mexico

(2) (3) (4) (5) Analyses Requested — Preservation Codes

(2) Sample Identification	Date Collected	Time Collected	(3) # of Containers	Matrix (4)	# of Containers	TPH DRO (8021 BTEX 8021)	TPH DRO	Fe, As, Cr, Mn, Na	pH, SO4 (9040)	Alk.	TDS, Cl-(9000) Cr6+	TOC	S2-(376.2)	(6) Remarks
						H	H	1	1	1	1	O	B	
IW025	8-13-09	1321	X	X	11	3	2	1	1	1	1	1	1	Filter Diss Metals in lab
IW026	8-13-09	1317	X	X	2			1			1			" "

Preservation Codes: H=HCl, T=Thiosulfate, N=HNO_3, B=NaOH, S=H_2SO_4, O=Other

For Lab Use Only: FSC: SCR#:

*Contact D. Woodward of Questions @ 245-644-8983

JSC

(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)

Type IV (CLP SOW)

Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No

(If yes, indicate QC sample and submit triplicate volume.)

Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-13-09	1745			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Mary Beth Read	8/14/09	0900

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1157622 Sample # 5749423-426

COC # 217447

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

(1) Client: Chevron Acct. #: 201.250

Project Name/#: Wildcat/212201135. PWSID #:

Project Manager: Chad Vowell P.O.#:

Sampler: T. Langwell / S. Bowder Quote #:

Name of state where samples were collected: New Mexico

(2) (3) (4) (5)

Sample Identification	Date Collected	Time Collected	# of Containers	Matrix	Total # of Containers	TPH GRO BTEX (8021)	TPH DRO	Fe, As, Cr, Mg, Na, Zn	TDS, Cl (8000)								Remarks
						Preservation Codes: H	H	H	H								
MW0845A	8-13-09	1529	X	X	7	3	2	1	1								Filter Diss. Metals in lab
Trip Blank	—	—	—	X	2	2											

JSC

No Na on MW0845A per D. Woodward KAY 8/17/09

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6)

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-13-09	1745			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Mary Beth Neal	8/14/09	0900

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

September 02, 2009

SAMPLE GROUP

The sample group for this submittal is 1157955. Samples arrived at the laboratory on Tuesday, August 18, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW064SA Grab Water Sample	5751568
MW085SA Grab Water Sample	5751569
MW083SA Grab Water Sample	5751570
MW082SA Grab Water Sample	5751571
Trip Blank Water Sample	5751572

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5751568

Group No. 1157955
NM

MW064SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 10:09 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W064S

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	410	110	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.0970	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,500	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,320	240	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	0.098	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 04:26	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 04:26	Katrina T Longenecker	1
[illegible]1146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 04:26	Katrina T Longenecker	1
[illegible]8269	TPH-DRO water C10-C28	SW-846 8015B	1	092320019A	08/22/2009 01:14	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320019A	08/21/2009 06:00	Roman Kuropatkin	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5751568

Group No. 1157955
NM

MW064SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 10:09 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W064S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705007	08/25/2009 05:24	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	092335705007	08/25/2009 05:24	Tara L Snyder	1
01754	Iron	SW-846 6010B	1	092335705007	08/25/2009 05:24	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	092335705007	08/25/2009 05:24	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705007	08/23/2009 22:15	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/28/2009 02:33	Joseph E McKenzie	500
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09232021201A	08/20/2009 08:47	Susan A Engle	1
[illegible]276	Hexavalent Chromium	SW-846 7196A	1	09230027601A	08/18/2009 10:05	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5751569

Group No. 1157955
NM

MW085SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 11:03 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W085S

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	440	95	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.0156	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,300	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	4,140	600	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 04:50	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 04:50	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 04:50	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320019A	08/22/2009 01:56	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320019A	08/21/2009 06:00	Roman Kuropatkin	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5751569

Group No. 1157955
NM

MW085SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 11:03 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W085S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705007	08/25/2009 05:29	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	092335705007	08/25/2009 05:29	Tara L Snyder	1
01754	Iron	SW-846 6010B	1	092335705007	08/25/2009 05:29	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	092335705007	08/25/2009 05:29	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705007	08/23/2009 22:15	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/28/2009 03:27	Joseph E McKenzie	500
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09232021201A	08/20/2009 08:47	Susan A Engle	1
[illegible]276	Hexavalent Chromium	SW-846 7196A	1	09230027601A	08/18/2009 10:05	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5751570

Group No. 1157955
NM

MW083SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 12:00 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W083S

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	420	100	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	0.520	0.200	1
07058	Manganese		7439-96-5	1.09	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,980	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	4,170	600	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 05:13	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 05:13	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 05:13	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320019A	08/22/2009 01:35	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320019A	08/21/2009 06:00	Roman Kuropatkin	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5751570

Group No. 1157955
NM

MW083SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 12:00 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W083S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705007	08/25/2009 05:42	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	092335705007	08/25/2009 05:42	Tara L Snyder	1
01754	Iron	SW-846 6010B	1	092335705007	08/25/2009 05:42	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	092335705007	08/25/2009 05:42	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705007	08/23/2009 22:15	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/28/2009 03:45	Joseph E McKenzie	500
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09232021201A	08/20/2009 08:47	Susan A Engle	1
[illegible]276	Hexavalent Chromium	SW-846 7196A	1	09230027601A	08/18/2009 10:05	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5751571

Group No. 1157955
NM

MW082SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 13:20 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W082S

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	250	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	0.565	0.200	1
07058	Manganese		7439-96-5	3.15	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	366	80.0	200
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	4,070	600	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 05:37	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 05:37	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 05:37	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320028A	08/24/2009 16:15	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320028A	08/21/2009 09:35	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5751571

Group No. 1157955
NM

MW082SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/17/2009 13:20 by JSL

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W082S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705007	08/25/2009 05:46	Tara L Snyder	1
07051	Chromium	SW-846 6010B	1	092335705007	08/25/2009 05:46	Tara L Snyder	1
01754	Iron	SW-846 6010B	1	092335705007	08/25/2009 05:46	Tara L Snyder	1
07058	Manganese	SW-846 6010B	1	092335705007	08/25/2009 05:46	Tara L Snyder	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705007	08/23/2009 22:15	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/24/2009 19:16	Ashley M Adams	200
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09232021201A	08/20/2009 08:47	Susan A Engle	1
[illegible]276	Hexavalent Chromium	SW-846 7196A	1	09230027601A	08/18/2009 10:05	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5751572

Group No. 1157955
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/17/2009

Account Number: 11842

Submitted: 08/18/2009 09:05
Reported: 09/02/2009 at 11:41
Discard: 10/03/2009

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

W082T

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

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	09233A54A	08/24/2009 02:04	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 02:04	Katrina T Longenecker	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157955
Reported: 09/02/09 at 11:41 AM

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: 09233A54A	Sample number(s): 5751568-5751572							
Benzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	100	100	80-120	0	30
Toluene	< 1.0	1.0	ug/l	105	100	80-120	5	30
TPH-GRO water C6-C10	< 50	50.	ug/l	91	109	75-135	18	30
Total Xylenes	< 3.0	3.0	ug/l	103	102	80-120	2	30
Batch number: 092320019A	Sample number(s): 5751568-5751570							
TPH-DRO water C10-C28	< 100	100.	ug/l	59		56-122		
Batch number: 092320028A	Sample number(s): 5751571							
TPH-DRO water C10-C28	< 100	100.	ug/l	69	66	56-122	4	20
Batch number: 092335705007	Sample number(s): 5751568-5751571							
Arsenic	< 0.0200	0.0200	mg/l	101		80-120		
Chromium	< 0.0150	0.0150	mg/l	99		90-110		
Iron	< 0.200	0.200	mg/l	91		90-112		
Manganese	< 0.0050	0.0050	mg/l	99		90-110		
Batch number: 09236373601B	Sample number(s): 5751568-5751571							
Chloride	< 0.40	0.40	mg/l	96		90-110		
Batch number: 09230027601A	Sample number(s): 5751568-5751571							
Hexavalent Chromium	< 0.020	0.020	mg/l	101		90-110		
Batch number: 09232021201A	Sample number(s): 5751568-5751571							
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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09233A54A	Sample number(s): 5751568-5751572 UNSPK: P751229, P752646								
Benzene	113		70-152						
Ethylbenzene	105		75-133						
Toluene	105		78-129						
TPH-GRO water C6-C10	100		63-154						
Total Xylenes	107		67-155						
Batch number: 092320019A	Sample number(s): 5751568-5751570 UNSPK: P749254								

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157955
Reported: 09/02/09 at 11:41 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
TPH-DRO water C10-C28	73	75	13-149	3	20				
Batch number: 092335705007	Sample number(s): 5751568-5751571 UNSPK: P752535 BKG: P752535								
Arsenic	102	102	75-125	0	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	95	97	81-120	1	20	< 0.0150	< 0.0150	1 (1)	20
Iron	-6 (2)	32 (2)	75-125	2	20	21.6	21.3	1	20
Manganese	90	96	75-125	2	20	0.928	0.917	1	20
Batch number: 09236373601B	Sample number(s): 5751568-5751571 UNSPK: P751391 BKG: P751391								
Chloride	91		90-110			19,600	19,700	1 (1)	20
Batch number: 09230027601A	Sample number(s): 5751568-5751571 UNSPK: 5751568 BKG: 5751568								
Hexavalent Chromium	109	111	85-115	1	5	0.098	0.099	1 (1)	5
Batch number: 09232021201A	Sample number(s): 5751568-5751571 UNSPK: P752540 BKG: P752540								
Total Dissolved Solids	96	97	54-143	1	12	129	126	2 (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: TPH-GRO water C6-C10
Batch number: 09233A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5751568	104	117
5751569	107	116
5751570	102	114
5751571	105	113
5751572		113
Blank	102	114
LCS	117	115
LCSD	122	115
MS	113	116
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092320019A

	Orthoterphenyl
5751568	92
5751569	91
5751570	86
Blank	71
LCS	77
MS	81
MSD	84

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1157955
Reported: 09/02/09 at 11:41 AM

Surrogate Quality Control

Limits: 54-127

Analysis Name: TPH-DRO water C10-C28
Batch number: 092320028A

	Orthoterphenyl
5751571	97
Blank	72
LCS	98
LCSD	94
Limits:	54-127

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1157955 Sample # 5751568-72

COC # 217449

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

(1)
Client: Chevron Acct. #:
Project Name/#: Eunice/212201135 PWSID #: 204.250
Project Manager: Chad Vowell P.O.#:
Sampler: Terry S. Longwell Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Composite	Grab	Matrix				TPH 620 BTEX (8021)	TPH D20	TDS, Cl (300.0) Cr, Cl	Fe, As, Cr, Mn						Remarks
									H	H	—	—						
MW064SA	8-17-09	1009	X			X		7	3	2	1	1						
MW085SA	8-17-09	1103	X			X		7	3	2	1	1						
MW083SA	8-17-09	1200	X			X		7	3	2	1	1						
MW082SA	8-17-09	1320	X			X		7	3	2	1	1						
Trip Blank	—	—	—			—		4	4									

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-17-09	1538			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	8/18/09	905

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

September 02, 2009

SAMPLE GROUP

The sample group for this submittal is 1158162. Samples arrived at the laboratory on Wednesday, August 19, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW079SA Grab Water Sample	5752643
MW080SA Grab Water Sample	5752644
MW081SA Grab Water Sample	5752645
GOPWW2 Grab Water Sample	5752646
MW077SA Grab Water Sample	5752647
Trip Blank Water Sample	5752648

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5752643

Group No. 1158162
NM

MW079SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 11:17 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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

MW079

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 97	97	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.0893	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	398	80.0	200
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,240	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 06:00	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 06:00	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 06:00	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320028A	08/24/2009 18:38	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320028A	08/21/2009 09:35	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5752643

Group No. 1158162
NM

MW079SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 11:17 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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

MW079

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 20:55	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 20:55	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 20:55	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 20:55	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/24/2009 19:35	Ashley M Adams	200
[illegible]0212	Total Dissolved Solids	SM20 2540 C	1	09233021201A	08/21/2009 08:37	Susan A Engle	1
[illegible]0276	Hexavalent Chromium	SW-846 7196A	1	09231027601A	08/19/2009 09:45	Michelle L Lalli	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 5752644

Group No. 1158162
NM

MW080SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 11:54 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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

MW080

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 99	99	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	735	80.0	200
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,160	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 06:24	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 06:24	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 06:24	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320028A	08/24/2009 18:58	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320028A	08/21/2009 09:35	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5752644

Group No. 1158162
NM

MW080SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 11:54 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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

MW080

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 20:58	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 20:58	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 20:58	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 20:58	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/24/2009 19:55	Ashley M Adams	200
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09233021201A	08/21/2009 08:37	Susan A Engle	1
[illegible]276	Hexavalent Chromium	SW-846 7196A	1	09231027601A	08/19/2009 09:45	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5752645

Group No. 1158162
NM

MW081SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 12:35 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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

MW081

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 97	97	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.0742	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	1,340	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,640	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 02:28	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 02:28	Katrina T Longenecker	1
[illegible]146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 02:28	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320028A	08/24/2009 19:19	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320028A	08/21/2009 09:35	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5752645

Group No. 1158162
NM

MW081SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 12:35 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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

MW081

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:07	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:07	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:07	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:07	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/28/2009 04:21	Joseph E McKenzie	500
00212	Total Dissolved Solids	SM20 2540 C	1	09233021201A	08/21/2009 08:37	Susan A Engle	1
00276	Hexavalent Chromium	SW-846 7196A	1	09231027601A	08/19/2009 09:45	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5752646

Group No. 1158162
NM

GOPWW2 Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 13:43 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

OPWW2

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 95	95	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.577	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,420	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,060	240	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 02:52	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 02:52	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 02:52	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320028A	08/24/2009 19:39	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320028A	08/21/2009 09:35	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5752646

Group No. 1158162
NM

GOPWW2 Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 13:43 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

STANTEC International, Inc.
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Houston TX 77040

OPWW2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:10	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:10	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:10	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:10	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/28/2009 04:39	Joseph E McKenzie	500
00212	Total Dissolved Solids	SM20 2540 C	1	09233021201A	08/21/2009 08:37	Susan A Engle	1
00276	Hexavalent Chromium	SW-846 7196A	1	09231027601A	08/19/2009 09:45	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5752647

Group No. 1158162
NM

MW077SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 15:08 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

STANTEC International, Inc.
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Houston TX 77040

MW077

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 95	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0157	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	755	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	2,690	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 06:48	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 06:48	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 06:48	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092320028A	08/24/2009 20:00	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092320028A	08/21/2009 09:35	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5752647

Group No. 1158162
NM

MW077SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/18/2009 15:08 by JL

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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Houston TX 77040

MW077

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:13	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:13	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:13	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:13	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09236373601B	08/28/2009 04:57	Joseph E McKenzie	500
00212	Total Dissolved Solids	SM20 2540 C	1	09233021201A	08/21/2009 08:37	Susan A Engle	1
00276	Hexavalent Chromium	SW-846 7196A	1	09231027601A	08/19/2009 09:45	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5752648

Group No. 1158162
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/18/2009

Account Number: 11842

Submitted: 08/19/2009 09:00
Reported: 09/02/2009 at 11:44
Discard: 10/03/2009

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

MW77T

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

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	09233A54A	08/24/2009 01:41	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 01:41	Katrina T Longenecker	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158162
Reported: 09/02/09 at 11:44 AM

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: 09233A54A	Sample number(s): 5752643-5752648							
Benzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	100	100	80-120	0	30
Toluene	< 1.0	1.0	ug/l	105	100	80-120	5	30
TPH-GRO water C6-C10	< 50	50.	ug/l	91	109	75-135	18	30
Total Xylenes	< 3.0	3.0	ug/l	103	102	80-120	2	30
Batch number: 092320028A	Sample number(s): 5752643-5752647							
TPH-DRO water C10-C28	< 100	100.	ug/l	69	66	56-122	4	20
Batch number: 092335705010	Sample number(s): 5752643-5752647							
Arsenic	< 0.0200	0.0200	mg/l	97		80-120		
Chromium	< 0.0150	0.0150	mg/l	95		90-110		
Iron	< 0.200	0.200	mg/l	90		90-112		
Manganese	< 0.0050	0.0050	mg/l	93		90-110		
Batch number: 09236373601B	Sample number(s): 5752643-5752647							
Chloride	< 0.40	0.40	mg/l	96		90-110		
Batch number: 09231027601A	Sample number(s): 5752643-5752647							
Hexavalent Chromium	< 0.020	0.020	mg/l	103		90-110		
Batch number: 09233021201A	Sample number(s): 5752643-5752647							
Total Dissolved Solids	< 30.0	30.0	mg/l	97		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09233A54A	Sample number(s): 5752643-5752648 UNSPK: P751229, 5752646								
Benzene	113		70-152						
Ethylbenzene	105		75-133						
Toluene	105		78-129						
TPH-GRO water C6-C10	100		63-154						
Total Xylenes	107		67-155						
Batch number: 092335705010	Sample number(s): 5752643-5752647 UNSPK: P754213 BKG: P754213								
Arsenic	103	101	75-125	3	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	100	100	81-120	0	20	< 0.0150	< 0.0150	0 (1)	20
Iron	109	102	75-125	2	20	1.85	1.88	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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158162
Reported: 09/02/09 at 11:44 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
Manganese	102	104	75-125	1	20	0.730	0.743	2	20
Batch number: 09236373601B	Sample number(s): 5752643-5752647 UNSPK: P751391 BKG: P751391								
Chloride	91		90-110			19,600	19,700	1 (1)	20
Batch number: 09231027601A	Sample number(s): 5752643-5752647 UNSPK: P752819 BKG: P752819								
Hexavalent Chromium	106	106	85-115	0	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09233021201A	Sample number(s): 5752643-5752647 UNSPK: 5752647 BKG: 5752647								
Total Dissolved Solids	102	99	54-143	1	12	2,690	2,640	2	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: TPH-GRO water C6-C10
Batch number: 09233A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5752643	103	115
5752644	105	113
5752645	106	115
5752646	108	115
5752647	111	115
5752648		113
Blank	102	114
LCS	117	115
LCSD	122	115
MS	113	116
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092320028A

	Orthoterphenyl
5752643	81
5752644	64
5752645	87
5752646	85
5752647	79
Blank	72
LCS	98
LCSD	94
Limits:	54-127

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 09/02/09 at 11:44 AM

Group Number: 1158162

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

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1158162 Sample # 5752643-48

COC # 217450

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

(1) Client: Chevron Acct. #:

Project Name/#: NFunice 212201135.201.250 PWSID #:

Project Manager: Chad Vowell / D. Woodward P.O.#:

Sampler: T. Lowswell / T. Reimers Quote #:

Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	# of Containers	Matrix	TDH GRO BTEX (8021)	TPH DRO	TDS, Cr(Total), Cr6+	Fe, As, Cr, Mn							Remarks
					H	H	N	N							
MW079SA	8-18-09	1117	X	X	3	2	1	1							Filter Diss. Metals Inlab
MW080SA	8-18-09	1154	X	X	3	2	1	1							"
MW081SA	8-18-09	1235	X	X	3	2	1	1							"
GOPW02	8-18-09	1343	X	X	3	2	1	1							"
MW077SA	8-18-09	1509	X	X	3	2	1	1							"
Trip Blank	8-18-09	—	—	—	2	2									Bubbles in Trip Blanks Pres. JC
					JC										

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-18-09	1710			
			[signature]	8/19/09	900

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.

2102.03

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

September 02, 2009

SAMPLE GROUP

The sample group for this submittal is 1158408. Samples arrived at the laboratory on Thursday, August 20, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW027 Grab Water Sample	5754380
MW010 Grab Water Sample	5754381
MW024 Grab Water Sample	5754382
MW058 Grab Water Sample	5754383
MW061 Grab Water Sample	5754384
MW018 Grab Water Sample	5754385
DUP-101 Grab Water Sample	5754386
Trip Blank Water Sample	5754387

METHODOLOGY

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

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Max E. Snavely
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5754380

Group No. 1158408
NM

MW027 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 10:30 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW027

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 95	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	344	80.0	200
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,590	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 07:11	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 07:11	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 07:11	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092340017A	08/25/2009 11:05	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092340017A	08/24/2009 08:55	Karen R Rettew	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5754380

Group No. 1158408
NM

MW027 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 10:30 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW027

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:16	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:16	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:16	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:16	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09239373101B	08/29/2009 16:27	K. Robert Caulfeild-James	200
00212	Total Dissolved Solids	SM20 2540 C	1	09236021201A	08/24/2009 10:27	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09232027602A	08/20/2009 10:15	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5754381

Group No. 1158408
NM

MW010 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 11:31 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW010

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
GC Volatiles	**SW-846 8021B**		**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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	660	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0387	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	2,960	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	5,150	600	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.028	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 08:22	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 08:22	Katrina T Longenecker	1
[illegible]146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 08:22	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092340017A	08/25/2009 11:26	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092340017A	08/24/2009 08:55	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5754381

Group No. 1158408
NM

MW010 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 11:31 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW010

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:19	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:19	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:19	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:19	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
[illegible]0224	Chloride	EPA 300.0	1	09239373101B	08/27/2009 22:41	Joseph E McKenzie	500
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09236021201A	08/24/2009 10:27	Susan E Hibner	1
[illegible]0276	Hexavalent Chromium	SW-846 7196A	1	09232027602A	08/20/2009 10:15	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5754382

Group No. 1158408
NM

MW024 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 12:24 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW024

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	180	97	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0454	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	719	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,830	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.037	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 08:46	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 08:46	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 08:46	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092340017A	08/25/2009 11:48	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092340017A	08/24/2009 08:55	Karen R Rettew	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5754382

Group No. 1158408
NM

MW024 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 12:24 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW024

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009	21:22	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009	21:22	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009	21:22	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009	21:22	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009	21:00	Mirit S Shenouda	1
[illegible]0224	Chloride	EPA 300.0	1	09239373101B	08/27/2009	22:56	Joseph E McKenzie	500
[illegible]212	Total Dissolved Solids	SM20 2540 C	1	09236021201A	08/24/2009	10:27	Susan E Hibner	1
[illegible]0276	Hexavalent Chromium	SW-846 7196A	1	09232027602A	08/20/2009	10:15	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5754383

Group No. 1158408
NM

MW058 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 13:01 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW058

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	100	97	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	2.22	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	1,050	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	3,890	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	1.1	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 09:10	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 09:10	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 09:10	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092340017A	08/25/2009 12:09	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092340017A	08/24/2009 08:55	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5754383

Group No. 1158408
NM

MW058 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 13:01 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW058

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:26	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:26	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:26	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:26	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09239373101B	08/27/2009 23:12	Joseph E McKenzie	500
00212	Total Dissolved Solids	SM20 2540 C	1	09236021201A	08/24/2009 10:27	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09232027602A	08/20/2009 10:15	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5754384

Group No. 1158408
NM

MW061 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 14:03 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW061

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 98	98	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	4.24	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.0615	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	716	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,890	240	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	4.4	0.080	4

This sample was analyzed twice for hexavalent chromium . The result of the second analysis performed outside the 24hr holding time was 4.0 mg/L.

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 09:33	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 09:33	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 09:33	Katrina T Longenecker	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5754384

Group No. 1158408
NM

MW061 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 14:03 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW061

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092340017A	08/25/2009 12:30	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092340017A	08/24/2009 08:55	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:29	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:29	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:29	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:29	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09239373101B	08/27/2009 23:28	Joseph E McKenzie	500
00212	Total Dissolved Solids	SM20 2540 C	1	09236021201A	08/24/2009 10:27	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09232027602A	08/20/2009 10:15	Michelle L Lalli	4

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Analysis Report

Lancaster Laboratories Sample No. WW 5754385

Group No. 1158408
NM

MW018 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 14:52 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW018

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	150	97	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	200	40.0	100
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,360	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 09:57	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 09:57	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 09:57	Katrina T Longenecker	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092340017A	08/25/2009 12:51	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092340017A	08/24/2009 08:55	Karen R Rettew	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5754385

Group No. 1158408
NM

MW018 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 14:52 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW018

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009 21:32	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009 21:32	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009 21:32	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009 21:32	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09239373101B	08/29/2009 16:42	K. Robert Caulfeild-James	100
00212	Total Dissolved Solids	SM20 2540 C	1	09236021201A	08/24/2009 10:27	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09232027602A	08/20/2009 10:15	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5754386

Group No. 1158408
NM

DUP-101 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

DU101

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	100	97	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	4.29	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.0645	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	836	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	4,060	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	3.8	0.080	4

This sample was analyzed twice for hexavalent chromium . The result of the second analysis performed outside the 24hr holding time was 4.1 mg/L.

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09233A54A	08/24/2009 10:21	Katrina T Longenecker	1
08213	BTEX (8021)	SW-846 8021B	1	09233A54A	08/24/2009 10:21	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09233A54A	08/24/2009 10:21	Katrina T Longenecker	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5754386

Group No. 1158408
NM

DUP-101 Grab Water Sample
Eunice North Gas Plant

Collected: 08/19/2009 by JL

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

DU101

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092340017A	08/25/2009	13:12	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092340017A	08/24/2009	08:55	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092335705010	08/25/2009	21:35	John P Hook	1
07051	Chromium	SW-846 6010B	1	092335705010	08/25/2009	21:35	John P Hook	1
01754	Iron	SW-846 6010B	1	092335705010	08/25/2009	21:35	John P Hook	1
07058	Manganese	SW-846 6010B	1	092335705010	08/25/2009	21:35	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092335705010	08/24/2009	21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09239373101B	08/28/2009	00:00	Joseph E McKenzie	500
00212	Total Dissolved Solids	SM20 2540 C	1	09236021201A	08/24/2009	10:27	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09232027602A	08/20/2009	10:15	Michelle L Lalli	4

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Analysis Report

Lancaster Laboratories Sample No. WW 5754387

Group No. 1158408
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/19/2009

Account Number: 11842

Submitted: 08/20/2009 09:05
Reported: 09/02/2009 at 10:54
Discard: 10/03/2009

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

MW18T

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

This sample was received with headspace.

General Sample Comments

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
08213	BTEX (8021)	SW-846 8021B	1	09232A53B	08/24/2009 01:18	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09232A53B	08/24/2009 01:18	Marie D John	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 09/02/09 at 10:54 AM

Group Number: 1158408

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: 09232A53B	Sample number(s): 5754387							
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: 09233A54A	Sample number(s): 5754380-5754386							
Benzene	< 1.0	1.0	ug/l	110	110	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	100	100	80-120	0	30
Toluene	< 1.0	1.0	ug/l	105	100	80-120	5	30
TPH-GRO water C6-C10	< 50	50.	ug/l	91	109	75-135	18	30
Total Xylenes	< 3.0	3.0	ug/l	103	102	80-120	2	30
Batch number: 092340017A	Sample number(s): 5754380-5754386							
TPH-DRO water C10-C28	< 100	100.	ug/l	64	65	56-122	2	20
Batch number: 092335705010	Sample number(s): 5754380-5754386							
Arsenic	< 0.0200	0.0200	mg/l	97		80-120		
Chromium	< 0.0150	0.0150	mg/l	95		90-110		
Iron	< 0.200	0.200	mg/l	90		90-112		
Manganese	< 0.0050	0.0050	mg/l	93		90-110		
Batch number: 09239373101B	Sample number(s): 5754380-5754386							
Chloride	< 0.40	0.40	mg/l	99		90-110		
Batch number: 09232027602A	Sample number(s): 5754380-5754386							
Hexavalent Chromium	< 0.020	0.020	mg/l	106		90-110		
Batch number: 09236021201A	Sample number(s): 5754380-5754386							
Total Dissolved Solids	< 30.0	30.0	mg/l	103		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09232A53B	Sample number(s): 5754387 UNSPK: P755085								
Benzene	130		70-152						
Ethylbenzene	120		75-133						
Toluene	120		78-129						
Total Xylenes	123		67-155						

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158408
Reported: 09/02/09 at 10:54 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: 09233A54A	Sample number(s): 5754380-5754386 UNSPK: P751229, P752646								
Benzene	113		70-152						
Ethylbenzene	105		75-133						
Toluene	105		78-129						
TPH-GRO water C6-C10	100		63-154						
Total Xylenes	107		67-155						
Batch number: 092335705010	Sample number(s): 5754380-5754386 UNSPK: P754213 BKG: P754213								
Arsenic	103	101	75-125	3	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	100	100	81-120	0	20	< 0.0150	< 0.0150	0 (1)	20
Iron	109	102	75-125	2	20	1.85	1.88	1	20
Manganese	102	104	75-125	1	20	0.730	0.743	2	20
Batch number: 09239373101B	Sample number(s): 5754380-5754386 UNSPK: P761559 BKG: P761559								
Chloride	71*		90-110			188	193	2 (1)	20
Batch number: 09232027602A	Sample number(s): 5754380-5754386 UNSPK: 5754380 BKG: 5754380								
Hexavalent Chromium	104	105	85-115	1	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09236021201A	Sample number(s): 5754380-5754386 UNSPK: 5754382 BKG: 5754382								
Total Dissolved Solids	105	98	54-143	3	12	1,830	1,840	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
5754387	100
Blank	100
LCS	100
LCSD	99
MS	99
Limits:	69-129

Analysis Name: TPH-GRO water C6-C10
Batch number: 09233A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5754380	102	117
5754381	108	118
5754382	103	114
5754383	114	114
5754384	109	112
5754385	106	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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158408
Reported: 09/02/09 at 10:54 AM

Surrogate Quality Control

5754386	111	114
Blank	102	114
LCS	117	115
LCSD	122	115
MS	113	116
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092340017A

	Orthoterphenyl
5754380	69
5754381	96
5754382	81
5754383	86
5754384	84
5754385	90
5754386	92
Blank	67
LCS	79
LCSD	82
Limits:	54-127

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1158408 Sample # 5754380-87

COC # 217451

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

(1) Client: Chevron Acct. #:

Project Name/#: N. Eunice 212201135. PWSID #: 201250

Project Manager: Chad Vowell / D. Woodward P.O.#:

Sampler: J. Longwell / J. Promerria Quote #:

Name of state where samples were collected: New Mexico

(5) Analyses Requested — Preservation Codes: H H — —

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6)

(2) (3) (4)

Sample Identification	Date Collected	Time Collected	Composite	Grab	Matrix	Containers	TPH GRO BTEX (8021)	TPH DRO	TDS, Cl, Cr 6+	Fe, As, Cr, Mn					Remarks
MW027	8-19-09	1030	X		X	7	3	2	1	1					Filter Diss Metals In Lab
MW010	8-19-09	1131	X		X	7	3	2	1	1					" "
MW024	8-19-09	1224	X		X	7	3	2	1	1					" "
MW058	8-19-09	1301	X		X	7	3	2	1	1					" "
MW061	8-19-09	1403	X		X	7	3	2	1	1					" "
MW018	8-19-09	1452	X		X	7	3	2	1	1					" "
DUP-101	8-19-09	—	X		X	7	3	2	1	1					" "
Trip Blank	—	—	—		X	4	4								
							JSC								Bubbles In Trip Blanks

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-19-09	1655			
			[signature]	8/20/09	905

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.

2102.03

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

September 03, 2009

SAMPLE GROUP

The sample group for this submittal is 1158624. Samples arrived at the laboratory on Friday, August 21, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW070 Grab Water Sample	5755687
MW070A Grab Water Sample	5755688
MW030 Grab Water Sample	5755689
MW023A Grab Water Sample	5755690
MW014A Grab Water Sample	5755691
DUP#200 Grab Water Sample	5755692
MW067SA Grab Water Sample	5755693
MW053SA Grab Water Sample	5755694
MW078SA Grab Water Sample	5755695
MW015 Grab Water Sample	5755696
MW025 Grab Water Sample	5755697
DUP-102 Grab Water Sample	5755698
Trip Blank Water Sample	5755699

METHODOLOGY

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

ELECTRONIC STANTEC International, Inc. Attn: Chad Vowell

Lancaster Laboratories

Analysis Report

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

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

Respectfully Submitted,

Robert Strocko Jr.
Manager

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5755687

Group No. 1158624
NM

MW070 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 11:12 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW070

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	280	95	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	197	40.0	100
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	827	60.0	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/25/2009 22:24	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/25/2009 22:24	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 22:24	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092380009A	08/28/2009 02:14	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	2	092380009A	08/27/2009 09:00	Karen R Rettew	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 21:47	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 21:47	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 14:39	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755687

Group No. 1158624
NM

MW070 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 11:12 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW070

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 21:47	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196602B	08/30/2009 14:13	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09237021201A	08/25/2009 07:38	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027601A	08/21/2009 10:15	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5755688

Group No. 1158624
NM

MW070A Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 12:08 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW70A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	46.3	4.0	10
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	545	30.0	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/25/2009 22:47	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/25/2009 22:47	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 22:47	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 08:21	Lisa A Reinert	1
7003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
7035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 21:51	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 21:51	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 14:43	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755688

Group No. 1158624
NM

MW070A Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 12:08 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

MW70A

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 21:51	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196602B	09/02/2009 13:25	K. Robert Caulfeild-James	10
00212	Total Dissolved Solids	SM20 2540 C	1	09237021201A	08/25/2009 07:38	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027601A	08/21/2009 10:15	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755689

Group No. 1158624
NM

MW030 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 13:29 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW030

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 95	95	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	180	40.0	100
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	986	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/25/2009 23:11	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/25/2009 23:11	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 23:11	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 08:42	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 21:56	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 21:56	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 14:48	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755689

Group No. 1158624
NM

MW030 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 13:29 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW030

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 21:56	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196602B	08/30/2009 17:27	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09237021201A	08/25/2009 07:38	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027601A	08/21/2009 10:15	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755690

Group No. 1158624
NM

MW023A Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 14:12 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW23A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 95	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	50.6	4.0	10
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	526	30.0	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/25/2009 23:34	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/25/2009 23:34	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 23:34	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 09:02	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:00	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:00	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 14:52	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755690

Group No. 1158624
NM

MW023A Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 14:12 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW23A

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:00	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196602B	09/02/2009 13:45	K. Robert Caulfeild-James	10
00212	Total Dissolved Solids	SM20 2540 C	1	09237021201A	08/25/2009 07:38	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027601A	08/21/2009 10:15	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755691

Group No. 1158624
NM

MW014A Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 15:06 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

MW14A

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 96	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	0.0214	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	45.6	4.0	10
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	507	30.0	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/25/2009 23:58	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/25/2009 23:58	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 23:58	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 12:07	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:05	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:05	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 14:56	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755691

Group No. 1158624
NM

MW014A Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 15:06 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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MW14A

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:05	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196602B	09/02/2009 14:04	Ashley M Adams	10
00212	Total Dissolved Solids	SM20 2540 C	1	09237021202A	08/25/2009 08:33	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027601A	08/21/2009 10:15	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755692

Group No. 1158624
NM

DUP#200 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

DU200

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 96	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	49.1	4.0	10
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	518	30.0	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 00:21	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 00:21	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 00:21	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 09:23	Lisa A Reinert	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
[illegible]035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:18	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:18	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 15:01	Eric L Eby	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5755692

Group No. 1158624
NM

DUP#200 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 by SB

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

DU200

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:18	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196602B	09/02/2009 14:24	Ashley M Adams	10
00212	Total Dissolved Solids	SM20 2540 C	1	09238021201A	08/26/2009 07:48	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027601A	08/21/2009 10:15	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5755693

Group No. 1158624
NM

MW067SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 11:06 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

MW67S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	97	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	186	40.0	100
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,050	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 00:45	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 00:45	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 00:45	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 09:43	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:22	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:22	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 15:05	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755693

Group No. 1158624
NM

MW067SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 11:06 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW67S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:22	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196603A	08/30/2009 20:03	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09238021201A	08/26/2009 07:48	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027602A	08/21/2009 10:30	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5755694

Group No. 1158624
NM

MW053SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 11:45 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW53S

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 95	95	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	205	40.0	100
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	944	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 01:55	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 01:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 01:55	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 10:04	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:26	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:26	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 15:10	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755694

Group No. 1158624
NM

MW053SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 11:45 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW53S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:26	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196603A	08/30/2009 21:01	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09238021201A	08/26/2009 07:48	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027602A	08/21/2009 10:30	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755695

Group No. 1158624
NM

MW078SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 12:26 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW78S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	159	40.0	100
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	790	60.0	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 02:19	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 02:19	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 02:19	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 10:24	Lisa A Reinert	1
7003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:31	John P Hook	1
7051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:31	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 15:14	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755695

Group No. 1158624
NM

MW078SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 12:26 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW78S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:31	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241196603A	08/30/2009 21:20	Ashley M Adams	100
00212	Total Dissolved Solids	SM20 2540 C	1	09238021201A	08/26/2009 07:48	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027602A	08/21/2009 10:30	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5755696

Group No. 1158624
NM

MW015 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 13:43 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

MW015

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
[illegible]C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 98	98	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,590	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,930	600	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 02:43	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 02:43	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 02:43	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 10:45	Lisa A Reinert	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
[illegible]035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:35	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:35	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 15:27	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755696

Group No. 1158624
NM

MW015 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 13:43 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

MW015

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:35	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241373101B	09/02/2009 03:27	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09238021201A	08/26/2009 07:48	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027602A	08/21/2009 10:30	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755697

Group No. 1158624
NM

MW025 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 14:37 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

MW025

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	410	100	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.0125	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	432	40.0	100
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids *		n.a.	1,690	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 03:07	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 03:07	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 03:07	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 12:27	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:40	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:40	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 15:32	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755697

Group No. 1158624
NM

MW025 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 14:37 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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MW025

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:40	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241373101B	08/30/2009 03:42	K. Robert Caulfeild-James	100
00212	Total Dissolved Solids	SM20 2540 C	1	09238021201A	08/26/2009 07:48	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027602A	08/21/2009 10:30	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5755698

Group No. 1158624
NM

DUP-102 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

DU102

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	440	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.0127	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	439	40.0	100
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,650	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 03:30	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 03:30	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 03:30	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 12:48	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092375705004	08/27/2009 22:45	John P Hook	1
07051	Chromium	SW-846 6010B	1	092375705004	08/27/2009 22:45	John P Hook	1
01754	Iron	SW-846 6010B	1	092375705004	08/28/2009 15:36	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755698

Group No. 1158624
NM

DUP-102 Grab Water Sample
Eunice North Gas Plant

Collected: 08/20/2009 by JL

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

DU102

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092375705004	08/27/2009 22:45	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092375705004	08/26/2009 14:46	James L Mertz	1
00224	Chloride	EPA 300.0	1	09241373101B	08/30/2009 03:58	K. Robert Caulfeild-James	100
00212	Total Dissolved Solids	SM20 2540 C	1	09238021201A	08/26/2009 07:48	Susan E Hibner	1
00276	Hexavalent Chromium	SW-846 7196A	1	09233027602A	08/21/2009 10:30	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5755699

Group No. 1158624
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/20/2009

Account Number: 11842

Submitted: 08/21/2009 09:10
Reported: 09/03/2009 at 16:05
Discard: 10/04/2009

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

EUNNT

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

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	09236A54A	08/24/2009 21:12	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09236A54A	08/24/2009 21:12	Katrina T Longenecker	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 09/03/09 at 04:05 PM

Group Number: 1158624

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: 09236A54A	Sample number(s): 5755699							
Benzene	< 1.0	1.0	ug/l	110	105	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	100	100	80-120	0	30
Toluene	< 1.0	1.0	ug/l	105	100	80-120	5	30
Total Xylenes	< 3.0	3.0	ug/l	103	100	80-120	3	30
Batch number: 09237A54A	Sample number(s): 5755687-5755698							
Benzene	< 1.0	1.0	ug/l	100	100	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	95	95	80-120	0	30
Toluene	< 1.0	1.0	ug/l	95	95	80-120	0	30
TPH-GRO water C6-C10	< 50	50.	ug/l	100	91	75-135	10	30
Total Xylenes	< 3.0	3.0	ug/l	97	93	80-120	4	30
Batch number: 092370009A	Sample number(s): 5755688-5755698							
TPH-DRO water C10-C28	< 100	100.	ug/l	71	74	56-122	3	20
Batch number: 092380009A	Sample number(s): 5755687							
TPH-DRO water C10-C28	< 100	100.	ug/l	83		56-122		
Batch number: 092375705004	Sample number(s): 5755687-5755698							
Arsenic	< 0.0200	0.0200	mg/l	100		80-120		
Chromium	< 0.0150	0.0150	mg/l	100		90-110		
Iron	< 0.200	0.200	mg/l	97		90-112		
Manganese	< 0.0050	0.0050	mg/l	99		90-110		
Batch number: 09241196602B	Sample number(s): 5755687-5755692							
Chloride	< 0.40	0.40	mg/l	107		90-110		
Batch number: 09241196603A	Sample number(s): 5755693-5755695							
Chloride	< 0.40	0.40	mg/l	100		90-110		
Batch number: 09241373101B	Sample number(s): 5755696-5755698							
Chloride	< 0.40	0.40	mg/l	105		90-110		
Batch number: 09233027601A	Sample number(s): 5755687-5755692							
Hexavalent Chromium	< 0.020	0.020	mg/l	100		90-110		
Batch number: 09233027602A	Sample number(s): 5755693-5755698							
Hexavalent Chromium	< 0.020	0.020	mg/l	104		90-110		
Batch number: 09237021201A	Sample number(s): 5755687-5755690							
Total Dissolved Solids	< 30.0	30.0	mg/l	103		80-120		
Batch number: 09237021202A	Sample number(s): 5755691							
Total Dissolved Solids	< 30.0	30.0	mg/l	103		80-120		
Batch number: 09238021201A	Sample number(s): 5755692-5755698							

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158624
Reported: 09/03/09 at 04:05 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Total Dissolved Solids	< 30.0	30.0	mg/l	97		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09236A54A	Sample number(s): 5755699 UNSPK: P757162								
Benzene	110		70-152						
Ethylbenzene	105		75-133						
Toluene	105		78-129						
Total Xylenes	107		67-155						
Batch number: 09237A54A	Sample number(s): 5755687-5755698 UNSPK: P757619, P757620								
Benzene	115		70-152						
Ethylbenzene	105		75-133						
Toluene	109		78-129						
TPH-GRO water C6-C10	109		63-154						
Total Xylenes	107		67-155						
Batch number: 092380009A	Sample number(s): 5755687 UNSPK: P755764								
TPH-DRO water C10-C28	84	79	13-149	4	20				
Batch number: 092375705004	Sample number(s): 5755687-5755698 UNSPK: P755000 BKG: P755000								
Arsenic	140*	130*	75-125	7	20	< 0.100	< 0.100	0 (1)	20
Chromium	102	103	81-120	1	20	< 0.0750	< 0.0750	0 (1)	20
Iron	94	92	75-125	2	20	< 1.00	< 1.00	0 (1)	20
Manganese	105	105	75-125	0	20	0.928	0.957	3	20
Batch number: 09241196602B	Sample number(s): 5755687-5755692 UNSPK: 5755687 BKG: 5755687								
Chloride	76*		90-110			197	198	1 (1)	20
Batch number: 09241196603A	Sample number(s): 5755693-5755695 UNSPK: 5755693 BKG: 5755693								
Chloride	73*		90-110			186	190	2 (1)	20
Batch number: 09241373101B	Sample number(s): 5755696-5755698 UNSPK: P755101 BKG: P755101								
Chloride	99		90-110			42.0	35.7	16 (1)	20
Batch number: 09233027601A	Sample number(s): 5755687-5755692 UNSPK: 5755687 BKG: 5755687								
Hexavalent Chromium	105	106	85-115	1	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09233027602A	Sample number(s): 5755693-5755698 UNSPK: 5755693 BKG: 5755693								
Hexavalent Chromium	104	105	85-115	1	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09237021201A	Sample number(s): 5755687-5755690 UNSPK: P757591 BKG: P757591								
Total Dissolved Solids	102	102	54-143	0	12	2,980	3,040	2	9
Batch number: 09237021202A	Sample number(s): 5755691 UNSPK: P755553 BKG: P755553								
Total Dissolved Solids	97	99	54-143	1	12	307	300	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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158624
Reported: 09/03/09 at 04:05 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
Batch number: 09238021201A	Sample number(s): 5755692-5755698 UNSPK: 5755694 BKG: 5755694								
Total Dissolved Solids	99	98	54-143	0	12	944	928	2	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: 09236A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5755699		113
Blank	116	113
LCS	117	116
LCSD	113	116
MS	114	114
Limits:	63-135	69-129

Analysis Name: BTEX (8021)
Batch number: 09237A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5755687	105	113
5755688	111	113
5755689	111	115
5755690	117	115
5755691	111	115
5755692	104	115
5755693	104	115
5755694	106	115
5755695	107	115
5755696	103	117
5755697	107	116
5755698	104	117
Blank	107	113
LCS	118	113
LCSD	120	114
MS	116	116
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092370009A

	Orthoterphenyl
5755688	90
5755689	88
5755690	92

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158624
Reported: 09/03/09 at 04:05 PM

Surrogate Quality Control

5755691	92
5755692	93
5755693	93
5755694	92
5755695	90
5755696	93
5755697	98
5755698	98
Blank	80
LCS	89
LCSD	92
Limits:	54-127

Analysis Name: TPH-DRO water C10-C28
Batch number: 092380009A

	Orthoterphenyl
5755687	97
Blank	75
LCS	106
MS	102
MSD	99
Limits:	54-127

*- 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

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Where quality is a science.

013955

For Lancaster Laboratories use only
Acct. #: 11842 Sample #: 5755687-99 SCR#: 1158624

Facility #: Eunice North Gas Plant - 21220113 5
Site Address: Eunice, New Mexico
Chevron PM: J Homer Lead Consultant: C. Vawell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713.937.7973 Fax #: 713.983.8278
Sampler: SB
Service Order #: ☐ Non SAR:

Matrix: ☐ Potable ☐ NPDES

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH G (H)	TPH D (H) ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	TDS, Cl-(300.0), Cr (T)	Fe, As, Cr, Mn (T) *		
MW070	8-20-09	1112	✓			✓		7	✓			✓	✓				✓	✓		
MW070A	8-20-09	1208	✓			✓		7	✓			✓	✓				✓	✓		
MW030	8-20-09	1329	✓			✓		7	✓			✓	✓				✓	✓		
MW023A	8-20-09	1412	✓			✓		7	✓			✓	✓				✓	✓		
MW014A	8-20-09	1506	✓			✓		7	✓			✓	✓				✓	✓		
Dup #200	8-20-09	—	✓			✓		7	✓			✓	✓				✓	✓		

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ___ oxy's on highest hit
☐ Run ___ oxy's on all hits

Comments / Remarks
Lab Filter for Dissolved Metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/20/09	1715			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: [signature]	8/21/09	910

Temperature Upon Receipt 2.0-2.1 C°
Custody Seals Intact? Yes No

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1158624 Sample # 5755687-99

COC # 217452

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

(1)
Client: CUX Acct. #:
Project Name/#: D. Ferrier 212201135.201.250 PWSID #:
Project Manager: Chad Powell / D. Woodward P.O.#:
Sampler: J. Longwell Quote #:
Name of state where samples were collected: New Mexico

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(2) (3) (4) (5) (6)

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	TPH GRO BTEX (8021)	TPH DRO	TDS, Cl (8000) Cl (61	Fe, As, Cr, Mn							Remarks
									H	H									
MW067SA	8-20-09	1106	X			X		7	3	2	1	1							Diss Metals Filter In Lab
MW053SA	8-20-09	1145	X			X		7	3	2	1	1							" "
MW078SA	8-20-09	1226	X			X		7	3	2	1	1							" "
MW015	8-20-09	1343	X			X		7	3	2	1	1							" "
MW025	8-20-09	1437	X			X		7	3	2	1	1							" "
DUP-102	8-20-09	—	X			X		7	3	2	1	1							" "
Trip Blank	—	—				X		2	2										
								JSC											

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-20-09	1700			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	8/21/09	9:15

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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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

September 02, 2009

SAMPLE GROUP

The sample group for this submittal is 1158860. Samples arrived at the laboratory on Saturday, August 22, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW073SA Grab Water Sample	5757619
MW057SA Grab Water Sample	5757620
MW018A Grab Water Sample	5757621
MW016A Grab Water Sample	5757622
MW015A Grab Water Sample	5757623
MW040A Grab Water Sample	5757624
Trip Blank Water Sample	5757625
MW019A Grab Water Sample	5757626
MW072SA Grab Water Sample	5757627
MW076SA Grab Water Sample	5757628
Trip Blanks Water Sample	5757629
MW020A Grab Water Sample	5757630
MW020 Grab Water Sample	5757631
LordWW Grab Water Sample	5757632
Trip Blanks Water Sample	5757633

METHODOLOGY

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

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Analysis Report

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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,

Robert Strocko Jr.
Manager

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 5757619

Group No. 1158860
NM

MW073SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 10:33 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

73A--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
[illegible] Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	97	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	732	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,120	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/25/2009 21:37	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/25/2009 21:37	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 21:37	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 11:05	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
[illegible]035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 05:42	John W Yanzuk II	1
[illegible]051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 05:42	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 05:42	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757619

Group No. 1158860
NM

MW073SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 10:33 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

73A--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009	05:42	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009	09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	09/02/2009	10:50	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009	09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027602A	08/22/2009	12:10	Daniel S Smith	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757620

Group No. 1158860
NM

MW057SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 11:12 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

57SA-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 95	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0393	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	581	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,560	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.034	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/25/2009 22:00	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/25/2009 22:00	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 22:00	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 11:26	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
07035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 05:45	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 05:45	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 05:45	John W Yanzuk II	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757620

Group No. 1158860
NM

MW057SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 11:12 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
10235 W. Little York
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57SA-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009 05:45	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009 09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009 16:16	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027602A	08/22/2009 12:10	Daniel S Smith	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757621

Group No. 1158860
NM

MW018A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 11:57 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

18A--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
[illegible] Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0209	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	304	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,020	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 03:54	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 03:54	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 03:54	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370009A	08/26/2009 11:46	Lisa A Reinert	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370009A	08/25/2009 15:50	JoElla L Rice	1
[illegible]7035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 05:56	John W Yanzuk II	1
[illegible]7051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 05:56	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 05:56	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757621

Group No. 1158860
NM

MW018A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 11:57 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
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18A--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009 05:56	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009 09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009 16:32	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027602A	08/22/2009 12:10	Daniel S Smith	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757622

Group No. 1158860
NM

MW016A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 12:52 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
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Houston TX 77040

16A--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
[illegible] Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 95	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	509	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,100	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 04:17	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 04:17	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 04:17	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 19:05	Diane V Do	1
[illegible]7003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
[illegible]035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 05:59	John W Yanzuk II	1
[illegible]051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 05:59	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 05:59	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757622

Group No. 1158860
NM

MW016A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 12:52 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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16A--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009 05:59	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009 09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009 16:47	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027602A	08/22/2009 12:10	Daniel S Smith	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757623

Group No. 1158860
NM

MW015A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 13:28 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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15A--

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 95	95	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	2,270	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,820	600	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 04:40	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 04:40	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 04:40	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 19:27	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
07035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 06:03	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 06:03	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 06:03	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757623

Group No. 1158860
NM

MW015A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 13:28 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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15A--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009 06:03	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009 09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009 17:33	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027602A	08/22/2009 12:10	Daniel S Smith	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757624

Group No. 1158860
NM

MW040A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 14:04 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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40A--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
[illegible] Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0304	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	54.1	10.0	25
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	446	30.0	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 05:04	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 05:04	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 05:04	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 19:48	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
[illegible]035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 06:07	John W Yanzuk II	1
[illegible]7051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 06:07	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 06:07	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757624

Group No. 1158860
NM

MW040A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 14:04 by SG

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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40A--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009 06:07	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009 09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	09/02/2009 05:02	K. Robert Caulfeild-James	25
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027602A	08/22/2009 12:10	Daniel S Smith	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757625

Group No. 1158860
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/21/2009

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

TB-1-

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

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	09237A54A	08/25/2009 21:13	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/25/2009 21:13	Marie D John	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757626

Group No. 1158860
NM

MW019A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 13:19 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
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19A--

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 95	95	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	491	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,180	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A54A	08/26/2009 05:27	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A54A	08/26/2009 05:27	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A54A	08/26/2009 05:27	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 20:09	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
07035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 06:10	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 06:10	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 06:10	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757626

Group No. 1158860
NM

MW019A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 13:19 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

19A--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009 06:10	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009 09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009 18:04	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027601A	08/22/2009 11:20	Daniel S Smith	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757627

Group No. 1158860
NM

MW072SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 14:17 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

72SA-

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 96	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	351	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,380	120	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A94A	08/25/2009 20:05	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A94A	08/25/2009 20:05	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A94A	08/25/2009 20:05	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 20:31	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
07035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 06:14	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 06:14	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 06:14	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757627

Group No. 1158860
NM

MW072SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 14:17 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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Houston TX 77040

72SA-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009	06:14	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009	09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009	18:19	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009	09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027601A	08/22/2009	11:20	Daniel S Smith	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757628

Group No. 1158860
NM

MW076SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 15:00 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
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Houston TX 77040

76SA-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 96	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	819	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,870	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A94A	08/25/2009 20:57	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A94A	08/25/2009 20:57	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A94A	08/25/2009 20:57	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 20:52	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
07035	Arsenic	SW-846 6010B	1	092385705002	08/28/2009 06:17	John W Yanzuk II	1
07051	Chromium	SW-846 6010B	1	092385705002	08/28/2009 06:17	John W Yanzuk II	1
01754	Iron	SW-846 6010B	1	092385705002	08/28/2009 06:17	John W Yanzuk II	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757628

Group No. 1158860
NM

MW076SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 15:00 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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76SA-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time		Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705002	08/28/2009	06:17	John W Yanzuk II	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705002	08/27/2009	09:20	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009	18:34	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009	09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027601A	08/22/2009	11:20	Daniel S Smith	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757629

Group No. 1158860
NM

Trip Blanks Water Sample
Eunice North Gas Plant

Collected: 08/21/2009

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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TB--2

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

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	09237A94A	08/25/2009 19:38	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A94A	08/25/2009 19:38	Marie D John	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757630

Group No. 1158860
NM

MW020A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 10:30 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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20A--

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
[illegible] Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	< 96	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	0.0195	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,110	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	2,220	240	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A94A	08/25/2009 21:24	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A94A	08/25/2009 21:24	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A94A	08/25/2009 21:24	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 21:13	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
[illegible]035	Arsenic	SW-846 6010B	1	092385705003	08/28/2009 18:15	John P Hook	1
[illegible]051	Chromium	SW-846 6010B	1	092385705003	08/28/2009 18:15	John P Hook	1
01754	Iron	SW-846 6010B	1	092385705003	08/28/2009 18:15	John P Hook	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757630

Group No. 1158860
NM

MW020A Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 10:30 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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20A--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705003	08/28/2009 18:15	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705003	08/27/2009 09:28	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373101B	08/31/2009 18:50	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027601A	08/22/2009 11:20	Daniel S Smith	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757631

Group No. 1158860
NM

MW020 Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 11:10 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

STANTEC International, Inc.
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Houston TX 77040

20---

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
[illegible] Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	200	97	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	< 0.0050	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	1,180	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	2,380	240	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A94A	08/25/2009 21:50	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A94A	08/25/2009 21:50	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A94A	08/25/2009 21:50	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 21:34	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
[illegible]035	Arsenic	SW-846 6010B	1	092385705003	08/28/2009 18:19	John P Hook	1
[illegible]051	Chromium	SW-846 6010B	1	092385705003	08/28/2009 18:19	John P Hook	1
01754	Iron	SW-846 6010B	1	092385705003	08/28/2009 18:19	John P Hook	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757631

Group No. 1158860
NM

MW020 Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 11:10 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

20---

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705003	08/28/2009 18:19	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705003	08/27/2009 09:28	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 19:36	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027601A	08/22/2009 11:20	Daniel S Smith	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5757632

Group No. 1158860
NM

LordWW Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 12:00 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

LRDWW

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
[illegible] Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	< 95	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	1.34	0.200	1
07058	Manganese	7439-96-5	0.139	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	2,040	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	4,290	600	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09237A94A	08/25/2009 22:16	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09237A94A	08/25/2009 22:16	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09237A94A	08/25/2009 22:16	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092370026A	08/26/2009 21:56	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092370026A	08/26/2009 10:15	Kelli M Barto	1
[illegible]035	Arsenic	SW-846 6010B	1	092385705003	08/28/2009 18:24	John P Hook	1
[illegible]051	Chromium	SW-846 6010B	1	092385705003	08/28/2009 18:24	John P Hook	1
01754	Iron	SW-846 6010B	1	092385705003	08/28/2009 18:24	John P Hook	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5757632

Group No. 1158860
NM

LordWW Grab Water Sample
Eunice North Gas Plant

Collected: 08/21/2009 12:00 by SB

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

LRDWW

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092385705003	08/28/2009 18:24	John P Hook	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092385705003	08/27/2009 09:28	Denise K Conners	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 20:53	Ashley M Adams	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09234027601A	08/22/2009 11:20	Daniel S Smith	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 5757633

Group No. 1158860
NM

Trip Blanks Water Sample
Eunice North Gas Plant

Collected: 08/21/2009

Account Number: 11842

Submitted: 08/22/2009 10:10
Reported: 09/02/2009 at 16:49
Discard: 10/03/2009

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

TB-3-

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

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	09236A53A	08/24/2009 20:22	Katrina T Longenecker	1
01146	GC VOA Water Prep	SW-846 5030B	1	09236A53A	08/24/2009 20:22	Katrina T Longenecker	1

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 09/02/09 at 04:49 PM

Group Number: 1158860

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: 09236A53A	Sample number(s): 5757633							
Benzene	< 1.0	1.0	ug/l	115	120	80-120	4	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	112	113	80-120	1	30
Batch number: 09237A54A	Sample number(s): 5757619-5757626							
Benzene	< 1.0	1.0	ug/l	100	100	80-120	0	30
Ethylbenzene	< 1.0	1.0	ug/l	95	95	80-120	0	30
Toluene	< 1.0	1.0	ug/l	95	95	80-120	0	30
TPH-GRO water C6-C10	< 50	50.	ug/l	100	91	75-135	10	30
Total Xylenes	< 3.0	3.0	ug/l	97	93	80-120	4	30
Batch number: 09237A94A	Sample number(s): 5757627-5757632							
Benzene	< 1.0	1.0	ug/l	115	110	80-120	4	30
Ethylbenzene	< 1.0	1.0	ug/l	110	105	80-120	5	30
Toluene	< 1.0	1.0	ug/l	110	105	80-120	5	30
TPH-GRO water C6-C10	< 50	50.	ug/l	127	109	75-135	15	30
Total Xylenes	< 3.0	3.0	ug/l	112	107	80-120	5	30
Batch number: 092370009A	Sample number(s): 5757619-5757621							
TPH-DRO water C10-C28	< 100	100.	ug/l	71	74	56-122	3	20
Batch number: 092370026A	Sample number(s): 5757622-5757624,5757626-5757628,5757630-5757632							
TPH-DRO water C10-C28	< 100	100.	ug/l	85	84	56-122	1	20
Batch number: 092385705002	Sample number(s): 5757619-5757624,5757626-5757628							
Arsenic	< 0.0200	0.0200	mg/l	106		80-120		
Chromium	< 0.0150	0.0150	mg/l	104		90-110		
Iron	< 0.200	0.200	mg/l	97		90-112		
Manganese	< 0.0050	0.0050	mg/l	106		90-110		
Batch number: 092385705003	Sample number(s): 5757630-5757632							
Arsenic	< 0.0200	0.0200	mg/l	108		80-120		
Chromium	< 0.0150	0.0150	mg/l	101		90-110		
Iron	< 0.200	0.200	mg/l	100		90-112		
Manganese	< 0.0050	0.0050	mg/l	107		90-110		
Batch number: 09243373101B	Sample number(s): 5757619-5757624,5757626-5757628,5757630							
Chloride	< 0.40	0.40	mg/l	108		90-110		
Batch number: 09243373102A	Sample number(s): 5757631-5757632							
Chloride	< 0.40	0.40	mg/l	99		90-110		
Batch number: 09234027601A	Sample number(s): 5757626-5757628,5757630-5757632							
Hexavalent Chromium	< 0.020	0.020	mg/l	97		90-110		

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

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158860
Reported: 09/02/09 at 04:49 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 09234027602A	Sample number(s): 5757619-5757624							
Hexavalent Chromium	< 0.020	0.020	mg/l	99		90-110		
Batch number: 09239021201A	Sample number(s): 5757619-5757624,5757626-5757628,5757630-5757632							
Total Dissolved Solids	< 30.0	30.0	mg/l	107		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09236A53A	Sample number(s): 5757633 UNSPK: P756235								
Benzene	125		70-152						
Ethylbenzene	119		75-133						
Toluene	120		78-129						
Total Xylenes	117 (2)		67-155						
Batch number: 09237A54A	Sample number(s): 5757619-5757626 UNSPK: 5757619, 5757620								
Benzene	115		70-152						
Ethylbenzene	105		75-133						
Toluene	109		78-129						
TPH-GRO water C6-C10	109		63-154						
Total Xylenes	107		67-155						
Batch number: 09237A94A	Sample number(s): 5757627-5757632 UNSPK: 5757627, P757805								
Benzene	120		70-152						
Ethylbenzene	115		75-133						
Toluene	115		78-129						
TPH-GRO water C6-C10	127		63-154						
Total Xylenes	112		67-155						
Batch number: 092385705002	Sample number(s): 5757619-5757624,5757626-5757628 UNSPK: P755843 BKG: P755843								
Arsenic	107	107	75-125	0	20	< 0.0200	< 0.0200	200* (1)	20
Chromium	99	98	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Iron	63 (2)	65 (2)	75-125	0	20	8.51	8.20	4	20
Manganese	81 (2)	82 (2)	75-125	0	20	2.98	2.88	3	20
Batch number: 092385705003	Sample number(s): 5757630-5757632 UNSPK: P755857 BKG: P755857								
Arsenic	112	113	75-125	0	20	< 0.0200	< 0.0200	14 (1)	20
Chromium	99	98	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Iron	100	95	75-125	4	20	0.223	0.244	9 (1)	20
Manganese	104	101	75-125	1	20	0.675	0.670	1	20
Batch number: 09243373101B	Sample number(s): 5757619-5757624,5757626-5757628,5757630 UNSPK: 5757619 BKG: 5757619								
Chloride	98		90-110			732	782	7 (1)	20
Batch number: 09243373102A	Sample number(s): 5757631-5757632 UNSPK: 5757631 BKG: 5757631								
Chloride	84*		90-110			1,180	1,070	10	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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158860
Reported: 09/02/09 at 04:49 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
Batch number: 09234027601A	Sample number(s): 5757626-5757628,5757630-5757632 UNSPK: 5757631 BKG: 5757631								
Hexavalent Chromium	91	100	85-115	10*	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09234027602A	Sample number(s): 5757619-5757624 UNSPK: 5757623 BKG: 5757623								
Hexavalent Chromium	98	94	85-115	3	5	< 0.020	< 0.020	13* (1)	5
Batch number: 09239021201A	Sample number(s): 5757619-5757624,5757626-5757628,5757630-5757632 UNSPK: 5757630 BKG: 5757630								
Total Dissolved Solids	114	103	54-143	4	12	2,220	2,280	3	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: 09236A53A

	Trifluorotoluene-F	Trifluorotoluene-P
5757633		99
Blank	82	97
LCS	92	99
LCSD	91	99
MS	94	98
Limits:	60-120	69-129

Analysis Name: BTEX (8021)
Batch number: 09237A54A

	Trifluorotoluene-F	Trifluorotoluene-P
5757619	103	113
5757620	107	115
5757621	106	116
5757622	107	116
5757623	103	116
5757624	106	114
5757625		111
5757626	102	116
Blank	107	113
LCS	118	113
LCSD	120	114
MS	116	116
Limits:	63-135	69-129

Analysis Name: BTEX (8021)
Batch number: 09237A94A

	Trifluorotoluene-F	Trifluorotoluene-P

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1158860
Reported: 09/02/09 at 04:49 PM

Surrogate Quality Control

5757627	95	101
5757628	87	100
5757629		100
5757630	87	101
5757631	87	101
5757632	87	101
Blank	85	101
LCS	94	100
LCSD	92	100
MS	91	101
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092370009A

	Orthoterphenyl
5757619	97
5757620	94
5757621	92
Blank	80
LCS	89
LCSD	92
Limits:	54-127

Analysis Name: TPH-DRO water C10-C28
Batch number: 092370026A

	Orthoterphenyl
5757622	89
5757623	91
5757624	102
5757626	102
5757627	91
5757628	98
5757630	94
5757631	100
5757632	94
Blank	82
LCS	107
LCSD	107
Limits:	54-127

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

Analysis Request/Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 115880 Sample # 5757619-33

COC # 217453

temp 1.3-3.1

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

For Lab Use Only
FSC:
SCR#:

(1)
Client: Chevron Acct. #: 201,250
Project Name/#: N. Eunice / 212201135. PWSID #:
Project Manager: Chad Powell / D. Woodward P.O.#:
Sampler: E. Longwell / S. Gonzales Quote #:
Name of state where samples were collected: New Mexico

(2) (3) (4) (5) Analyses Requested

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Total # of Containers	BTEX (8021) / TDH GRO	TDH DRO	TDS, Cl (300.0) Cl-GC	Fe, As, Cr, Mn							Remarks
									Preservation Codes H	H									
MW033SA	8-21-09	1033	X			X		7	3	2	1	1							Diss Metals Filtered For Lab.
MW057SA	8-21-09	1112	X			X		7	3	2	1	1							" "
MW018A	8-21-09	1157	X			X		7	3	2	1	1							" "
MW016A	8-21-09	1252	X			X		7	3	2	1	1							" "
MW015A	8-21-09	1328	X			X		7	3	2	1	1							" "
MW040A	8-21-09	1404	X			X		7	3	2	1	1							" "
Trip Blank	—	—	—			X		2	2										*Bubbles in Trip Blank prod. by lab*
							TSC												

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Total # of Containers

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-21-09	1650			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Katie Hartlove	8/27/09	10:10

Chevron Generic Analysis Request/Chain of Custody

010312

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11842 Sample #: 5757619-33 SCR#:

temp cmc 8/22/09

Gr #1158860

Facility #: Eunice North Gas Plant - 21220113S
Site Address: Eunice, New Mexico
Chevron PM: J. Homer Lead Consultant: C Vowell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713-937-7973 Fax #: 713-953-8328
Sampler: SB
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable ☐, NPDES ☑)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH G 8015B (H)	TPH D ☐ Extended Rng. 8015B ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method	VPH/EPH	NWTPH H HCID ☐ quantification	TDS, Cl-(300.0), Crbt (-)	Fe, As, Cr, Mn * (-)
MW019A	8-21-09	1319	✓			✓		7	✓			✓	✓				✓	✓
MW072SA	8-21-09	1417	✓			✓		7	✓			✓	✓				✓	✓
MW076SA	8-21-09	1500	✓			✓		7	✓			✓	✓				✓	✓
Trip Blanks	8-21-09		✓					2	✓									

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Lab filter for dissolved metals

All times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk ____ Other

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/21/09	1715			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: [signature]	8/22/09	10:10
Temperature Upon Receipt 1.8 C°			Custody Seals Intact? Yes No		

Chevron Generic Analysis Request/Chain of Custody

010311

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11842 Sample #: 57557619-33 SCR#:

gr # 1159860

Facility #: Eunice North Gas Plant - 212201135
Site Address: Eunice, New Mexico
Chevron PM: J Homer Lead Consultant: C. Vowell
Consultant/Office: Stantec - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713-937-7973 Fax #: 713-983-5378
Sampler: SB
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Matrix: ☐ Potable ☐ NPDES ☑)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☑ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH G (H)	TPH D (H) ☐ Extended Rng. ☐ Silica Gel Cleanup	Lead Total ☐ Diss. ☐ Method (H)	VPH/EPH	NWTPH H HCID ☐ quantification	TDS (—)	Cr (—)	Fe Ag Cr Mn (—)
MW020A	8-21-09	1030	✓			✓		7	✓			✓	✓				✓	✓	✓
MW020	8-21-09	1110	✓			✓		7	✓			✓	✓				✓	✓	
LordWW	8-21-09	1200	✓			✓		7	✓			✓	✓				✓	✓	
Trip Blanks								2	✓										

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* - Lab Filter for dissolved metals

All Times are Central Time Zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/21/09	1715			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by: Katie Hartlove	8/22/09	10:10

Temperature Upon Receipt 13 C°
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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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Analysis Report

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

September 03, 2009

SAMPLE GROUP

The sample group for this submittal is 1159028. Samples arrived at the laboratory on Tuesday, August 25, 2009. The PO# for this group is 89CH.49526.08 and the release number is EUNICE NORTH GP.

Client Description	Lancaster Labs Number
MW075SA Grab Water Sample	5758622
MW074SA Grab Water Sample	5758623
WoodellWW Grab Water Sample	5758624
MW026 Grab Water Sample	5758625
Trip Blank Water Sample	5758626
DUP#201 Grab Water Sample	5758627
MW028 Grab Water Sample	5758628
MW068 Grab Water Sample	5758629
MW060 Grab Water Sample	5758630
MW029 Grab Water Sample	5758631
MW033 Grab Water Sample	5758632
MW069 Grab Water Sample	5758633
DUP-103 Grab Water Sample	5758634
Trip Blank Water Sample	5758635

METHODOLOGY

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

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Analysis Report

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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,

Martha L. Seidel

Martha L. Seidel
Senior Chemist

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Analysis Report

Lancaster Laboratories Sample No. WW 5758622

Group No. 1159028
NM

MW075SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 10:35 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW75S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
8269	TPH-DRO water C10-C28	n.a.	< 95	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	586	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	2,400	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 14:31	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 14:31	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 14:31	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 15:39	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 15:33	Eric L Eby	1
051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:08	Eric L Eby	1
754	Iron	SW-846 6010B	1	092405705004	09/01/2009 15:33	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758622

Group No. 1159028
NM

MW075SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 10:35 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW75S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:08	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 21:08	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09239021201A	08/27/2009 09:30	Yolunder Y Bunch	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027601A	08/25/2009 09:50	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758623

Group No. 1159028
NM

MW074SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 11:25 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW74S

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
8269	TPH-DRO water C10-C28	n.a.	< 94	94	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	634	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	2,020	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 14:55	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 14:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 14:55	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 16:00	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 15:46	Eric L Eby	1
051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:11	Eric L Eby	1
1754	Iron	SW-846 6010B	1	092405705004	09/01/2009 15:46	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758623

Group No. 1159028
NM

MW074SA Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 11:25 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

MW74S

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:11	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 21:23	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027601A	08/25/2009 09:50	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758624

Group No. 1159028
NM

WoodellWW Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 11:50 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

WOODE

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
8269	TPH-DRO water C10-C28	n.a.	< 96	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	0.0561	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	615	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,480	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	0.058	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 15:19	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 15:19	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 15:19	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 16:20	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 15:50	Eric L Eby	1
051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:20	Eric L Eby	1
1754	Iron	SW-846 6010B	1	092405705004	09/01/2009 15:50	Eric L Eby	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758624

Group No. 1159028
NM

WoodellWW Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 11:50 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

WOODE

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:20	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 21:39	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027601A	08/25/2009 09:50	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758625

Group No. 1159028
NM

MW026 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 14:10 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW026

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
8269	TPH-DRO water C10-C28	n.a.	150	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	866	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	2,620	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 15:43	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 15:43	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 15:43	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 18:04	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 15:55	Eric L Eby	1
051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:23	Eric L Eby	1
1754	Iron	SW-846 6010B	1	092405705004	09/01/2009 15:55	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758625

Group No. 1159028
NM

MW026 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 14:10 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW026

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:23	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 21:54	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027602A	08/25/2009 10:10	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758626

Group No. 1159028
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/24/2009

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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	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

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	09239A53A	08/27/2009 13:19	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 13:19	Marie D John	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758627

Group No. 1159028
NM

DUP#201 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

DU201

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
8269	TPH-DRO water C10-C28	n.a.	140	95	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	1,250	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	2,290	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 16:07	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 16:07	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 16:07	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 16:41	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 15:59	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:26	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 15:59	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758627

Group No. 1159028
NM

DUP#201 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 by SB

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

DU201

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:26	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 22:09	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027602A	08/25/2009 10:10	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758628

Group No. 1159028
NM

MW028 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 10:52 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW028

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	120	50	1
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
C Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
8269	TPH-DRO water C10-C28	n.a.	490	190	2
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0255	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	438	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	1,470	120	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 16:31	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 16:30	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 16:31	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	09/01/2009 10:33	Diane V Do	2
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 16:03	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:29	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 16:03	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758628

Group No. 1159028
NM

MW028 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 10:52 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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MW028

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:29	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 22:25	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027601A	08/25/2009 09:50	Michelle L Lalli	1

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Lancaster Laboratories Sample No. WW 5758629

Group No. 1159028
NM

MW068 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 11:35 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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Houston TX 77040

MW068

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	< 50	50	1
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
C Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
8269	TPH-DRO water C10-C28		n.a.	110	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	0.588	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	2,110	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	3,500	600	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 16:55	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 16:55	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 16:55	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 17:02	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 16:08	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:32	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 16:08	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758629

Group No. 1159028
NM

MW068 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 11:35 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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MW068

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:32	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 22:40	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027601A	08/25/2009 09:50	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758630

Group No. 1159028
NM

MW060 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 12:16 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW060

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	110	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	1.11	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	1,450	200	500
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	3,450	240	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 20:14	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 20:13	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 20:14	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	2	092390008A	08/31/2009 17:43	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 16:12	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:35	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 16:12	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758630

Group No. 1159028
NM

MW060 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 12:16 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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Houston TX 77040

MW060

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:35	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102A	08/31/2009 22:55	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
[illegible]0276	Hexavalent Chromium	SW-846 7196A	1	09237027601A	08/25/2009 09:50	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758631

Group No. 1159028
NM

MW029 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 13:39 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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Ste 400
Houston TX 77040

MW029

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	< 50	50	1
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
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	99	96	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	0.0239	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	< 0.0050	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	136	40.0	100
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	706	60.0	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 20:37	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 20:37	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 20:37	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 18:45	Diane V Do	1
[illegible]003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
[illegible]035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 16:17	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:39	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 16:17	Eric L Eby	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758631

Group No. 1159028
NM

MW029 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 13:39 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW029

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:39	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102B	09/02/2009 06:21	K. Robert Caulfeild-James	100
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027602A	08/25/2009 10:10	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758632

Group No. 1159028
NM

MW033 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 14:30 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW033

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	2,000	50	1
GC Volatiles		**SW-846 8021B**		**ug/l**	**ug/l**	
08213	Benzene		71-43-2	180	1.0	1
08213	Ethylbenzene		100-41-4	260	1.0	1
08213	Toluene		108-88-3	150	1.0	1
08213	Total Xylenes		1330-20-7	85	3.0	1
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	890	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	1.04	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	915	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,870	240	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 21:01	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 21:01	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 21:01	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 19:06	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 16:21	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:42	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 16:21	Eric L Eby	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758632

Group No. 1159028
NM

MW033 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 14:30 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

MW033

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:42	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102B	09/01/2009 00:27	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027602A	08/25/2009 10:10	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758633

Group No. 1159028
NM

MW069 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 15:14 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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

MW069

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10	n.a.	120	50	1
GC Volatiles	**SW-846 8021B**		**ug/l**	**ug/l**	
08213	Benzene	71-43-2	6.3	1.0	1
08213	Ethylbenzene	100-41-4	22	1.0	1
08213	Toluene	108-88-3	10	1.0	1
08213	Total Xylenes	1330-20-7	6.4	3.0	1
GC Extractable TPH	**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28	n.a.	610	97	1
Metals Dissolved	**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic	7440-38-2	< 0.0200	0.0200	1
07051	Chromium	7440-47-3	< 0.0150	0.0150	1
01754	Iron	7439-89-6	< 0.200	0.200	1
07058	Manganese	7439-96-5	0.288	0.0050	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	3,470	400	1000
	SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids	n.a.	6,690	600	1
	SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium	18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 21:25	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 21:25	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 21:25	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 19:27	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 16:25	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:45	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 16:25	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758633

Group No. 1159028
NM

MW069 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 15:14 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

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MW069

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:45	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102B	09/02/2009 08:12	K. Robert Caulfeild-James	1000
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027602A	08/25/2009 10:10	Michelle L Lalli	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758634

Group No. 1159028
NM

DUP-103 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

DU103

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC Volatiles		**SW-846 8015B**		**ug/l**	**ug/l**	
01636	TPH-GRO water C6-C10		n.a.	1,900	50	1
GC Volatiles		**SW-846 8021B**		**ug/l**	**ug/l**	
08213	Benzene		71-43-2	170	1.0	1
08213	Ethylbenzene		100-41-4	250	1.0	1
08213	Toluene		108-88-3	140	1.0	1
08213	Total Xylenes		1330-20-7	79	3.0	1
GC Extractable TPH		**SW-846 8015B**		**ug/l**	**ug/l**	
08269	TPH-DRO water C10-C28		n.a.	850	96	1
Metals Dissolved		**SW-846 6010B**		**mg/l**	**mg/l**	
07035	Arsenic		7440-38-2	< 0.0200	0.0200	1
07051	Chromium		7440-47-3	< 0.0150	0.0150	1
01754	Iron		7439-89-6	< 0.200	0.200	1
07058	Manganese		7439-96-5	1.02	0.0050	1
Wet Chemistry		**EPA 300.0**		**mg/l**	**mg/l**	
00224	Chloride		16887-00-6	909	200	500
		SM20 2540 C		**mg/l**	**mg/l**	
00212	Total Dissolved Solids		n.a.	1,850	240	1
		SW-846 7196A		**mg/l**	**mg/l**	
00276	Hexavalent Chromium		18540-29-9	< 0.020	0.020	1

General Sample Comments

This sample was filtered in the lab for dissolved metals.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01636	TPH-GRO water C6-C10	SW-846 8015B	1	09239A53A	08/27/2009 21:48	Marie D John	1
08213	BTEX (8021)	SW-846 8021B	1	09239A53A	08/27/2009 21:48	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 21:48	Marie D John	1
08269	TPH-DRO water C10-C28	SW-846 8015B	1	092390008A	08/31/2009 18:25	Diane V Do	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	092390008A	08/27/2009 14:50	Cody R Hanna	1
07035	Arsenic	SW-846 6010B	1	092405705004	09/01/2009 16:39	Eric L Eby	1
07051	Chromium	SW-846 6010B	1	092405705004	08/31/2009 09:48	Eric L Eby	1
01754	Iron	SW-846 6010B	1	092405705004	09/01/2009 16:39	Eric L Eby	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5758634

Group No. 1159028
NM

DUP-103 Grab Water Sample
Eunice North Gas Plant

Collected: 08/24/2009 by JL

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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Houston TX 77040

DU103

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07058	Manganese	SW-846 6010B	1	092405705004	08/31/2009 09:48	Eric L Eby	1
05705	WW/TL SW 846 ICP Digest (tot)	SW-846 3010A	1	092405705004	08/30/2009 21:00	Mirit S Shenouda	1
00224	Chloride	EPA 300.0	1	09243373102B	09/01/2009 00:58	K. Robert Caulfeild-James	500
00212	Total Dissolved Solids	SM20 2540 C	1	09240021201A	08/28/2009 09:07	Hannah M Royer	1
00276	Hexavalent Chromium	SW-846 7196A	1	09237027602A	08/25/2009 10:10	Michelle L Lalli	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 5758635

Group No. 1159028
NM

Trip Blank Water Sample
Eunice North Gas Plant

Collected: 08/24/2009

Account Number: 11842

Submitted: 08/25/2009 09:10
Reported: 09/03/2009 at 10:20
Discard: 10/04/2009

STANTEC International, Inc.
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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

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	09239A53A	08/27/2009 13:43	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	09239A53A	08/27/2009 13:43	Marie D John	1

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc.
Reported: 09/03/09 at 10:20 AM

Group Number: 1159028

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: 09239A53A	Sample number(s): 5758622-5758635							
Benzene	< 1.0	1.0	ug/l	105	110	80-120	5	30
Ethylbenzene	< 1.0	1.0	ug/l	95	100	80-120	5	30
Toluene	< 1.0	1.0	ug/l	100	105	80-120	5	30
TPH-GRO water C6-C10	< 50	50.	ug/l	118	118	75-135	0	30
Total Xylenes	< 3.0	3.0	ug/l	100	105	80-120	5	30
Batch number: 092390008A	Sample number(s): 5758622-5758625,5758627-5758634							
TPH-DRO water C10-C28	< 100	100.	ug/l	81	80	56-122	2	20
Batch number: 092405705004	Sample number(s): 5758622-5758625,5758627-5758634							
Arsenic	< 0.0200	0.0200	mg/l	100		80-120		
Chromium	< 0.0150	0.0150	mg/l	92		90-110		
Iron	< 0.200	0.200	mg/l	98		90-112		
Manganese	< 0.0050	0.0050	mg/l	93		90-110		
Batch number: 09243373102A	Sample number(s): 5758622-5758625,5758627-5758630							
Chloride	< 0.40	0.40	mg/l	99		90-110		
Batch number: 09243373102B	Sample number(s): 5758631-5758634							
Chloride	< 0.40	0.40	mg/l	99		90-110		
Batch number: 09237027601A	Sample number(s): 5758622-5758624,5758628-5758630							
Hexavalent Chromium	< 0.020	0.020	mg/l	100		90-110		
Batch number: 09237027602A	Sample number(s): 5758625,5758627,5758631-5758634							
Hexavalent Chromium	< 0.020	0.020	mg/l	99		90-110		
Batch number: 09239021201A	Sample number(s): 5758622							
Total Dissolved Solids	< 30.0	30.0	mg/l	107		80-120		
Batch number: 09240021201A	Sample number(s): 5758623-5758625,5758627-5758634							
Total Dissolved Solids	< 30.0	30.0	mg/l	95		80-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 09239A53A	Sample number(s): 5758622-5758635 UNSPK: 5758623, 5758631								
Benzene	128		70-152						

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1159028
Reported: 09/03/09 at 10:20 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
Ethylbenzene	120		75-133						
Toluene	123		78-129						
TPH-GRO water C6-C10	136		63-154						
Total Xylenes	123		67-155						
Batch number: 092405705004	Sample number(s): 5758622-5758625,5758627-5758634 UNSPK: P757365 BKG: P757365								
Arsenic	107	104	75-125	3	20	< 0.0200	< 0.0200	0 (1)	20
Chromium	93	92	81-120	1	20	< 0.0150	< 0.0150	0 (1)	20
Iron	97	100	75-125	2	20	0.333	0.321	3 (1)	20
Manganese	97	88	75-125	3	20	0.997	0.971	3	20
Batch number: 09243373102A	Sample number(s): 5758622-5758625,5758627-5758630 UNSPK: P757631 BKG: P757631								
Chloride	84*		90-110			1,180	1,070	10	20
Batch number: 09243373102B	Sample number(s): 5758631-5758634 UNSPK: 5758631 BKG: 5758631								
Chloride	96		90-110			136	160	16 (1)	20
Batch number: 09237027601A	Sample number(s): 5758622-5758624,5758628-5758630 UNSPK: 5758622 BKG: 5758622								
Hexavalent Chromium	100	103	85-115	3	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09237027602A	Sample number(s): 5758625,5758627,5758631-5758634 UNSPK: 5758625 BKG: 5758625								
Hexavalent Chromium	105	105	85-115	1	5	< 0.020	< 0.020	0 (1)	5
Batch number: 09239021201A	Sample number(s): 5758622 UNSPK: P757630 BKG: P757630								
Total Dissolved Solids	114	103	54-143	4	12	2,220	2,280	3	9
Batch number: 09240021201A	Sample number(s): 5758623-5758625,5758627-5758634 UNSPK: 5758623 BKG: 5758623								
Total Dissolved Solids	99	97	54-143	1	12	2,020	2,020	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: 09239A53A

	Trifluorotoluene-F	Trifluorotoluene-P
5758622	78	98
5758623	78	99
5758624	81	99
5758625	78	100
5758626		96
5758627	79	100
5758628	81	99
5758629	82	99
5758630	80	98
5758631	80	99
5758632	87	102
5758633	79	95

*- 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.

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Analysis Report

Quality Control Summary

Client Name: STANTEC International, Inc. Group Number: 1159028
Reported: 09/03/09 at 10:20 AM

Surrogate Quality Control

5758634	86	99
5758635		97
Blank	80	97
LCS	82	98
LCSD	83	98
MS	83	99
Limits:	63-135	69-129

Analysis Name: TPH-DRO water C10-C28
Batch number: 092390008A

	Orthoterphenyl
5758622	86
5758623	83
5758624	84
5758625	92
5758627	88
5758628	92
5758629	89
5758630	94
5758631	95
5758632	107
5758633	110
5758634	104
Blank	74
LCS	98
LCSD	98
Limits:	54-127

*- 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

010313

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Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11842 Sample #: 5758622-35 SCR#: 1159028

Facility #: Eunice North Gas Plant 212201135
Site Address: Eunice, New Mexico
Chevron PM: J. Horner Lead Consultant: C. Vowell
Consultant/Office: Shantee - Houston
Consultant Prj. Mgr.: Danny Woodward
Consultant Phone #: 713.973.9973 Fax #: 713.983.8328
Sampler: SB
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (Potable ☐ NPDES ☑)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☐ 8260 ☐ Naphth ☐ (H)	8260 full scan	Oxygenates	TPH G	TPH D ☐ Extended Rng. ☐ Silica Gel Cleanup (H)	Lead Total ☐ Diss. ☐ Method (H)	VPH/EPH	NWTPH H HCID ☐ quantification	TDS, Cl, (3 vol.) Cr, Ct (1)	Fe, As, Cr, Mn (1) *	
MW075SA	8-24-09	1035	✓			✓		7	✓			✓	✓				✓	✓	
MW074SA	8-24-09	1125	✓			✓		7	✓			✓	✓				✓	✓	
Woodell WW	8-24-09	1150	✓			✓		7	✓			✓	✓				✓	✓	
MW026	8-25-09	1410	✓			✓		7	✓			✓	✓				✓	✓	
Trip Blanks	—	—						4	✓										
Dup #201	8-24-09	—	✓			✓		7	✓			✓	✓				✓	✓	

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
* Lab Filter for Dissolved Metals

All times are Central time zone

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/24/09	1735			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other _____			Received by: [signature]	Date 8/25/09	Time 910

Temperature Upon Receipt 1.6310 C° Custody Seals Intact? Yes No

Analysis Request/ Environmental Services Chain of Custody

Lancaster Laboratories

For Lancaster Laboratories use only

Acct. # 11842 Group# 1159028 Sample # 5758622-35

COC # 217454

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

(1) Client: Chevron Acct. #:

Project Name/#: N. Eunice / 2022 0135 PWSID #: 201,2,50

Project Manager: C. Vowell / D. Woodward P.O.#:

Sampler: J. Longwell / J. Primera Quote #:

Name of state where samples were collected: New Mexico

(5) Analyses Requested — Preservation Codes: H, H, 1, —

For Lab Use Only
FSC:
SCR#:

Preservation Codes
H=HCl T=Thiosulfate
N=HNO_3 B=NaOH
S=H_2SO_4 O=Other

(6) Total # of Containers

(2) Sample Identification	Date Collected	Time Collected	(3) Grab	Composite	Soil	Water	Other	(4) Matrix	TPH GRO BTEX 8021	TPH GRO	TDS, Cl (300.0), Cl, F	Fe, As, Cr, Mn						Remarks
MW028	8-24-09	1052	X			X		7	3	2	1	1						Filter Diss Metals In Lab
MW027	8-24-09	1135	X			X		7	3	2	1	1						" "
MW060	8-24-09	1216	X			X		7	3	2	1	1						" "
MW029	8-24-09	1339	X			X		7	3	2	1	1						" "
MW033	8-24-09	1430	X			X		7	3	2	1	1						" "
MW069	8-24-09	1544	X			X		7	3	2	1	1						" "
DUP-103	8-24-09	—	X			X		7	3	2	1	1						" "
Trip Blank	—	—	—			X		2	2									
									JSC									

(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)
Type IV (CLP SOW)
Type VI (Raw Data Only)

SDG Complete? Yes No

Site-specific QC (MS/MSD/Dup)? Yes No
(If yes, indicate QC sample and submit triplicate volume.)
Internal COC Required? Yes / No

(9)

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8-24-09	1735			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: [signature]	8/25/09	911

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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APPENDIX C
2009 OPERATIONS AND MAINTENANCE FIELD REPORTS

Eunice North Gas Plant
O&M Field Report

Date	MW005 PSH LEVEL (ft.)	MW005 WATER LEVEL (ft.)	MW005 PSH THICKNESS (ft.)	MW005 PSH VOLUME REMOVED (gal.)	MW005 WATER VOLUME REMOVED (gal.)	MW006 PSH LEVEL (ft.)	MW006 WATER LEVEL (ft.)	MW006 PSH THICKNESS (ft.)	MW006 PSH VOLUME REMOVED (gal.)	MW006 WATER VOLUME REMOVED (gal.)	TRANSFER VOLUME TO SUMP? YES	TRANSFER VOLUME TO SUMP? NO	COMMENTS
8/14/2008	~	45.16	~	~	~	45.60	45.60	Trace	~	~		x	JP
8/19/2008	~	45.19	~	~	~	45.64	45.64	Trace	~	~		x	JP
8/26/2008	~	45.25	~	~	~	45.67	45.67	Trace	~	~		x	JP/BB
9/2/2008	~	45.20	~	~	~	45.64	45.64	Trace	~	~		x	JP
9/10/2008	~	45.27	~	~	~	45.69	45.69	Trace	~	~		x	JP/NH
9/17/2008	~	45.26	~	~	~	45.71	45.71	Trace	~	~		x	JP
9/30/2008	~	45.29	~	~	~	45.75	45.75	Trace	~	~		x	JP
10/7/2008	~	45.27	~	~	~	45.68	45.68	Trace	~	~		x	JP
10/21/2008	~	45.29	~	~	~	45.67	45.67	Trace	~	~		x	JP
11/4/2008	~	45.24	~	~	~	~	45.65	~	~	~		x	JP
11/13/2008	~	45.26	~	~	~	~	45.68	~	~	~		x	JP
11/18/2008	~	45.28	~	~	~	~	45.66	~	~	~		x	JP
11/25/2008	~	45.29	~	~	~	~	45.71	~	~	~		x	JP/AV
12/2/2008	~	45.29	~	~	~	~	45.68	~	~	~		x	JP
12/11/2008	~	45.32	~	~	~	~	45.67	~	~	~		x	JP
12/17/2008	~	45.34	~	~	~	~	45.76	~	~	~		x	JP/AV
12/23/2008	~	45.36	~	~	~	~	45.73	~	~	~		x	JP
12/30/2008	~	45.35	~	~	~	~	45.73	~	~	~		x	JP
1/5/2009	~	45.42	~	~	~	~	45.75	~	~	~		x	JP
1/13/2009	~	45.38	~	~	~	~	45.72	~	~	~		x	JP
1/19/2009	~	45.38	~	~	~	~	45.79	~	~	~		x	JP/DM
1/28/2009	~	45.40	~	~	~	~	45.77	~	~	~		x	JP
2/10/2009	~	45.32	~	~	~	~	45.70	~	~	~			JP
2/17/2009	~	45.37	~	~	~	~	45.72	~	~	~			JP
2/24/2009	~	45.43	~	~	~	~	45.68	~	~	~			JP
3/3/2009	~	45.38	~	~	~	~	45.79	~	~	~			JP/DM
3/23/2009	~	45.47	~	~	~	~	45.75	~	~	~			JP/DM
4/21/2009	~	45.46	~	~	~	~	45.87	~	~	~			JP
5/22/2009	~	45.43	~	~	~	~	45.81	~	~	~			JP
7/14/2009	~	45.55	~	~	~	~	45.97	~	~	~			JP
8/24/2009	~	45.75	~	~	~	~	45.84	~	~	~			SB
10/6/2009	~	45.49	~	~	~	~	45.89	~	~	~			SB
11/3/2009	~	45.44	~	~	~	~	45.87	~	~	~			JB

"PSH should be removed whenever a PSH thickness of 0.1 feet or greater is observed."
Volume Removed is amount of water/product bailed from each well. Bail into a bucket to estimate volume, then transfer to sump.
Transfer Cumulative Volume to Sump? should be marked "Yes" when product is transferred to the sump.