

GW - 3

REPORTS

YEAR(S):

2003

2003 ANNUAL SUMMARY OF
INVESTIGATION & REMEDIATION
CHEVRONTExACO EXPLORATION
& PRODUCTION COMPANY
EUNICE #1 (SOUTH) GAS PLANT
LEA COUNTY, NEW MEXICO

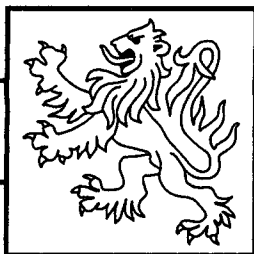
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Prepared for

MAR 11 2004

Oil Conservation Division
Environmental Bureau

ChevronTexaco
Exploration & Production Company



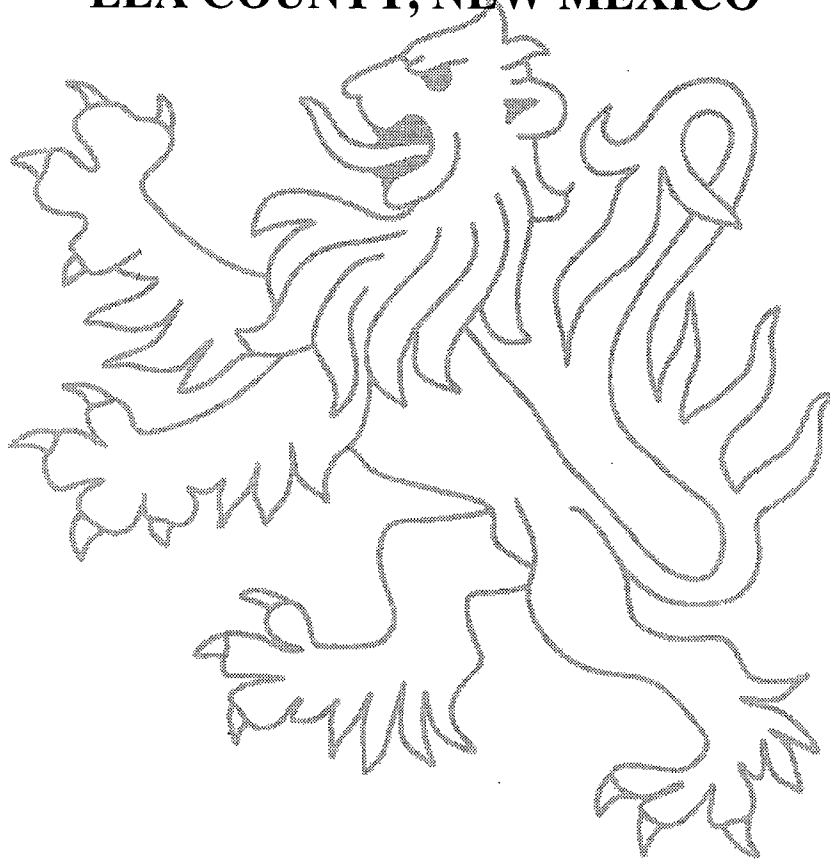
Prepared by

Highlander Environmental Corp.

**2003 ANNUAL SUMMARY
OF
INVESTIGATION & REMEDIATION**

**CHEVRON TEXACO
EXPLORATION & PRODUCTION COMPANY**

**EUNICE #1 (SOUTH) GAS PLANT
LEA COUNTY, NEW MEXICO**



**Prepared
for**

**CHEVRONTEXACO
EXPLORATION & PRODUCTION COMPANY**



Highlander Environmental Corp.

Midland, Texas

Table of Contents

1.0	INTRODUCTION	1
1.1	Previous Investigation.....	1
1.2	Scope of Work	2
2.0	SITE SETTING	3
2.1	Site Background.....	3
2.2	Topography.....	3
2.3	Soils.....	3
2.4	Geology.....	3
2.5	Groundwater	4
3.0	SEMI-ANNUAL MONITORING AND REPORTING	
3.1	Introduction.....	4
3.2	Phase Separated Hydrocarbon (PSH) Assessment	4
3.3	Groundwater Sampling and Analysis	5
4.0	HYDROCARBON REMEDIATION	
4.1	Groundwater Remediation of the East Side of Plant	6
4.1.1	Modification, Operation and Maintenance of the Ferret System	6
4.2	Groundwater Remediation on West Side of Plant	6
4.2.1	PSH Recovery Pump Installation.....	6
4.2.2	Vapor Extraction Pilot Study	7
5.0	CHLORIDE RECOVERY	
5.1	Pump Placement.....	7
5.2	Water Allocation.....	7
5.3	Disposal Agreement.....	8
5.4	Operation and Maintenance	8
6.0	2004 PLANNED ACTIVITIES.....	8

FIGURES

- Figure 1 – Topographic Map, Site Location
- Figure 2 – Topographic, Site Map
- Figure 3 – Groundwater Table Map 4/21/03
- Figure 4 – Groundwater Table Map 10/20/03
- Figure 5 – Isopleth Map of Benzene Concentration Groundwater 4/21/03
- Figure 6 – Isopleth Map of Benzene Concentration Groundwater 10/20/03
- Figure 7 – Isopleth Map of Chloride (Shallow) Concentration Groundwater 4/21/03
- Figure 8 – Isopleth Map of Chloride (Shallow) Concentration Groundwater 10/20/03
- Figure 9 – Isopleth Map of Chloride (Deep) Concentration Groundwater 4/21/03
- Figure 10 – Isopleth Map of Chloride (Deep) Concentration Groundwater 10/20/03



Table of Contents

TABLES

Table 1 – Cumulative Waterlevels, Elevation, BTEX and Total Metals

APPENDIX A

1st Semi-Annual Sampling – April 2003

2nd Semi-Annual Sampling – October 2003

APPENDIX B

Ferret System Product Recovery Table

APPENDIX C

Xitech Operating Manual & As Built System

APPENDIX D

Chloride Recovery Well Completion Data

APPENDIX E

Water Rights & OSE Permit Application





Highlander Environmental Corp.

Midland, Texas

2003 ANNUAL SUMMARY OF INVESTIGATION & REMEDIATION ChevronTexaco Exploration & Production EUNICE #1 (SOUTH) GAS PLANT LEA COUNTY, NEW MEXICO

1.0 INTRODUCTION

Highlander Environmental Corp. (Highlander) has been retained by ChevronTexaco Exploration and Production Company (ChevronTexaco) as successor to Texaco Exploration and Production, Inc. (Texaco) to continue to monitor, delineate and remediate subsurface impacts to groundwater at the former Texaco Eunice #1 (South) Gas Plant (Site), located approximately 4.5 miles south of Eunice, New Mexico. The Site is situated in the northwest quarter (NW/4) of the southwest quarter (SW/4), Section 27, Township 22 South, Range 37 East, Lea County, New Mexico. Figure 1 presents a site location and topographic map.

The current activities arose from the "Subsurface Abatement Work Plan", approved by the NMOCD on March 4, 1998, for the Site. The Plan was requested by the State of New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (NMOCD) on September 10, 1997, following its review of the report titled, "A Final Investigation Report, Texaco Exploration and Production, Inc., Eunice # 1 (South) Gas Plant, July 1997". The report presented the results of subsurface investigation activities conducted at the Site, as required by the NMOCD in accordance with renewal of the facility's groundwater discharge permit.

1.1 Previous Investigation

Highlander was originally retained by Texaco to conduct subsurface investigations in conjunction with the renewal of the Site's Groundwater Discharge Plan. Previous investigations consisted of collection and analysis of soil samples from hand auger and rotary-drilled borings, installation of monitor wells, collection and analysis of groundwater samples, phase-separated hydrocarbon (free product) assessment, hydraulic conductivity (slug) tests and pumping tests. The results of these investigations have been documented in reports titled, "Subsurface Environmental Assessment, Texaco Exploration and Production, Inc, Eunice #1 (South) Gas Plant, Lea County, New Mexico", September 1996, and "Final Investigation Report, Texaco Exploration and Production, Inc., Eunice #1 (South) Gas Plant, Lea County, New Mexico, July 1997."

In the course of this investigation, several actions relating to operations of the Site have occurred that have impacted activities, primarily, the transfer of operation of the Site to Dynegy Midstream Services, L.P. (Dynegy), effective July 1, 1998. Conditions of the transfer designated Texaco as retaining responsibility for the subsurface investigation and remediation of the existing groundwater contamination. The gas plant is currently out of operation, although Dynegy continues to operate two compressors in the northwest portion of the Site for Versado Gas Processors, LLC (Versado), the owner of the south plant.

1.2 Scope of Work

The work performed in 2003, described in this report includes the following:

1. Secure a disposal agreement with Versado for the on-site disposal of produced chloride-impacted groundwater from extraction wells placed in the east end of the plant Site.
2. Coordinate with the New Mexico Office of the State Engineer to permit wells in the east-side chloride plume as recovery wells, equip these wells with electric submersible pumps, install piping and electrical service to the wells and begin remediation of the chloride plume.
3. Continued semi-annual sampling of shallow monitor wells (MW), deep monitor wells (MWD) and Texaco monitor wells (TMW).
4. Design and implementation of Phase Separated Hydrocarbon (PSH) recovery system for light end hydrocarbon plume in the west end of the plant. Product recovery pumps to be placed in 4 recovery wells and one monitor well.
5. Overhaul, reconfiguration and weekly operation and maintenance (O&M) of Ferret Separation Pumps (PSH recovery system) in MW-5 and MW-20 in the east end of the plant.
6. Evaluate the vapor extraction pilot study performed in 2002 and begin design and scheduling for vapor extraction system installation, anticipated to begin in 2004.
7. Develop Recovery Well, RW-4 in anticipation of bringing Phase Separated Hydrocarbons (PSH) into the wellbore.

Each of these topics described above will be addressed individually in this report and will detail activities, sampling and analytical results.



2.0 SITE SETTING

2.1 Site Background

The Site was originally constructed by Skelly Oil Company in the 1940's, and subsequently acquired by Texaco, modified and operated as a turbo expander type natural gas processing plant for extraction of Natural Gas Liquids (NGL). Operation of the site was recently transferred to Dynegy, effective July 1, 1998, and the plant has been essentially shut down, with the exception of some processing and compression equipment. Currently, the plant is owned by Versado and operated by Dynegy. Figure 1 presents a Site location and topographic map. Figure 2 presents a drawing for the site.

2.2 Topography

The topography of the Site slopes gently from west to east. The elevation of the Site ranges from about 3335 feet above mean sea level (AMSL) along the west side of the Site, to about 3330 feet AMSL along the east side of the Site. Storm and surface water runoff generally follows the surface topography and flows to the east to Monument Draw, located approximately 2.5 miles east of the Site. There are no public or private surface water reservoirs within two miles of the Site.

2.3 Soils

The Site is underlain by soils of the Simona Series. The Simona Series soil is represented by the Simona fine sandy loam, 0 to 3 percent slopes (SE). The Simona fine sandy loam has a surface layer consisting of grayish-brown fine sandy loam, approximately 8 inches thick. The surface layer is underlain by subsoil consisting of pale brown fine sandy loam, approximately 8 inches thick. The subsoil is underlain by a dense layer of white indurated caliche. The caliche is typically about 16 inches thick and strongly cemented. The Simona fine sandy loam soil has moderately rapid permeability and a low corrosivity potential to uncoated steel. Simona soil is typically used for recreational, rangeland and habitat purposes.

2.4 Geology

The Site is underlain by windblown sand of Recent-age. The windblown sand deposits range in thickness from a few feet to as much as 40 feet. The windblown sand is underlain by the Pliocene-age Ogallala Formation. The Ogallala Formation consists of quartz sand, which is poorly to well cemented with calcium carbonate. The Ogallala Formation contains minor amounts of clay and is capped most everywhere by a dense layer of caliche. The Ogallala Formation ranges in thickness up to approximately 100 feet.

The Ogallala Formation is underlain by the Triassic-age Chinle Formation. The Chinle Formation consists of interbedded layers of greenish colored mudstone and sandstone. The thickness of the Chinle Formation ranges up to about 300 feet.



2.5 Groundwater

Groundwater occurs under unconfined conditions in the Ogallala Formation. The Ogallala Formation is regionally known as the High Plains Aquifer. Recharge to the Ogallala Formation occurs through infiltration of rainfall and snowmelt. Discharge occurs principally through pumping from wells.

Based upon the recorded depth-to-groundwater measurements, groundwater flow is consistent with the regional flow direction for groundwater in the High Plains aquifer and is primarily to the south-southeast.

3.0 SEMI-ANNUAL MONITORING AND REPORTING

3.1 Introduction

In accordance with the work plan entitled "Proposed Groundwater Treatment and Disposal Plan", dated September 29, 1999, all monitor wells, and water supply wells are monitored semi-annually. All of the existing monitor wells, water supply wells and recovery wells were examined for PSH, and all monitor wells were sampled on April 21-30, 2003, and October 20-28, 2003. The groundwater potentiometric surface maps for the two monitoring events are included as Figures 3A and 3B.

3.2 Phase Separated Hydrocarbon (PSH) Assessment

Prior to sampling, all monitor wells, recovery wells and water supply wells were gauged for depth to water measurements and checked for the presence of PSH, using a Heron Oil-Water Interface probe. Currently, there are two areas where PSH is known to be present on groundwater beneath the Site. One area is on the west side of the Plant, and is associated with process equipment from former Plant operations. The other area is on the east side of the Plant, and is in close proximity to a pipeline running through this area. The PSH thickness for each well measured is shown in Table 1.

Monitor wells on the west side of the plant which exhibited PSH during the April 2003 monitoring event were MW-1, MW-2, MW-21 (trace), MW-28, MWD-5 (trace), TMW-2 (trace), TMW-5, RW-1, RW-2, RW-3 and RW-5. Wells in this area which exhibited PSH during the October 2003 monitoring event were MW-1, MW-2, MW-21 (trace), MW-28, TMW-2, TMW-5, MWD-5, RW-1, RW-2, RW-3 and RW-5.

RW-4 has historically shown elevated benzene, toluene, ethylbenzene and xylene (BTEX) levels indicative of the close proximity of PSH. It was suspected that this well would eventually exhibit PSH. On November 21 and 24, 2003, a submersible pump was placed into this well and the well was purged and developed for approximately 12 hours. At the end of pumping, a trace of hydrocarbon was noted in this well. This well is scheduled to be swabbed the first week of January 2004 to further develop and clean off the well screens.



Although PSH has historically been observed on the groundwater on the east side of the Plant in the vicinity of MW-5 and MW-20, they were not measured during the April and October 2003 monitoring events because of the Ferret Separation Pumps installed in these monitor wells.

3.3 Groundwater Sampling and Analysis

Prior to groundwater sampling, the monitor wells were purged to remove a minimum of three (3) casing volumes of groundwater or until the groundwater removed from the wells was as visually free of suspended sediment as possible. Purging was accomplished using a submersible pump set typically five (5) to ten (10) feet off the bottom of the monitor well. The pump was thoroughly decontaminated between sampling events using a laboratory grade detergent, followed by rinsing with deionized water. The purged groundwater was placed into the South Plant's wastewater disposal system.

Following deep monitor well (MWD) purging, groundwater samples were carefully collected from the discharge of the pump for chloride, Total Dissolved Solids (TDS), and dissolved metals evaluation. Once purging and pump sampling were completed, the wells were allowed to recover and were sampled for BTEX using dedicated disposable PVC well bailers and monofilament line. Chloride, TDS, dissolved metals and BTEX samples were taken from bailers for the shallow monitor wells. The bailed groundwater samples were carefully poured from the bailers into appropriate sample containers, provided by the analytical laboratory. Dissolved metals samples were field filtered using Envirotech, disposable, high capacity, 0.45 μ m disposable filters. The filtered samples were then acidified to a pH of 2. All samples were properly preserved and shipped under chain-of-custody control and analyzed for the prescribed parameters within specified holding times. The groundwater samples were analyzed for BTEX using EPA methods 8021B, dissolved metals by EPA methods 3015, 6010, 7470, chloride by EPA method 9252, and TDS by EPA method 160.1. The laboratory reports are included in Appendix A.

The results of the sampling are shown in Table 1. As in previous reports, BTEX levels were the highest in the west-central portion of the plant site in the vicinity of MW-10, MW-11 and MW-12. Elevated BTEX levels were also observed in the southwest corner of the Site at MW-9, possibly due to an off-site source. Isopleth maps for benzene are included as Figures 4A and 4B.

Chloride levels were mainly elevated in the east-northeast portion of the site, in the vicinity of the closed surface impoundments. The placement of the new deep monitor wells has shown that there may be some stratification between chloride in the upper and lower portions of the aquifer. Isopleth maps for shallow and deep chloride are included as Figures 5A, 5B, 5C and 5D.

Arsenic was found at or above the WQCC drinking water standard of 0.1 mg/l in monitor wells, TMW-6, MW-12, and MW-27, with the highest reported level of 0.298 mg/l in MW-12 during the October monitoring event. Barium was reported above the WQCC drinking water standard of 1.0 mg/l in monitor wells TMW-1, TMW-3, TMW-6,



MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, MW-24, MW-26, MWD-4, MWD-5, MWD-6, MWD-10 and MWD-12, with the highest concentration being 13.9 mg/l in monitor well MW-9 during the April monitoring event.

Chromium was reported above the WQCC standard of 0.05 mg/l in MW-16 at 0.179 mg/l during the April monitoring event and 0.187 mg/l during the October monitoring event. Traces of chromium, below the WQCC standard, were detected during the April monitoring event in MW-4, MWD-1, MWD- 2, MWD-8 and MWD-13. In 2003, no mercury, silver selenium or cadmium levels above the WQCC standards were detected.

4.0 HYDROCARBON REMEDIATION

4.1 Groundwater Remediation of the East Side of Plant

4.1.1 Modification, Operation and Maintenance of the Ferret System

The Ferret Separation System operated sporadically in the first five months of 2003, because of equipment problems. ChevronTexaco personnel were responsible for the Operation and Maintenance (O&M) program at that time. In January 2003, the plant area went from generated power to supplied power, effectively isolating the Ferret System from its power source. While a new power source was being installed, the system was inspected in early 2003 and found to be in need of equipment overhaul. In April, the system was re-plumbed and new 375-gallon polyethylene tanks with secondary containments were installed for both Ferret wells. By May 2003 the electricity had been restored and new controllers and a new compressor had been installed in the Ferret System. The system was retained as a low-flow fluid recovery system. A weekly O&M program was implemented by Highlander in June 2003. In 2003, the System recovered 1935 gallons of water and 95 gallons of PSH from MW-20 and 2704 gallons of water and 86 gallons of PSH from MW-5. Copies of the weekly maintenance and fluid recovery reports can be found in Appendix B. They are scheduled to be maintained by Highlander in 2004.

4.2 Groundwater Remediation on West Side of Plant

4.2.1 PSH Recovery Pump Installation

In early 2003, design and construction began on the west side product recovery system. Due to the latticework of piping, overhead lines, tanks and continued traffic throughout the abandoned plant, it was concluded that each recovery well's product recovery system should be self contained, with its own power source. This will also allow the system to be movable should plant disassembly commence or the system need to be moved to another well.

From October 29 – December 15, 2003, a total of four (4) Xitech product recovery pumps were installed, tested and adjusted in three (3) recovery wells (RW-2,



RW-3 and RW-5) and one (1) monitor well (MW-28). A fifth Xitech product recovery pump is scheduled to be placed into recovery well RW-4, before the end of January 2004. Each Xitech pump was equipped with a solar panel, nitrogen activation system and 130 gallon capacity storage tanks, making each an independently operating system. A copy of the Xitech operating manual and an as-built drawing of the surface equipment are included in Appendix C. Routine operation, maintenance and monitoring of system effectiveness are performed by Highlander personnel on a weekly basis.

4.2.2 Vapor Extraction Pilot Study

A Vapor Extraction pilot study was performed in July 2002, by Alliance Maintenance & Services, Inc. (Alliance) using a portable SVE system. The results of the pilot study indicated that a vapor extraction program would be very effective for removing hydrocarbons in the unsaturated zone. The zone of influence is estimated at a radius of approximately 44'. The pilot study information has been evaluated and a system design established for installation of a skid-mounted vapor extraction unit anticipated to begin in 2004. Initially, the system will be installed into Recovery Wells RW-1 through RW-5, and additional monitor wells in the highly concentrated western portion of the plant (i.e. MW-1, MW-2, MW-10, MW-24, MW-26, MW-27 and MW-28) will be added as thermal oxidation capacity (and emissions) allow. These recovery points are at or near known source areas. As points are added and evaluated, the system will be expanded or moved accordingly. It is projected that as levels reduce in highly saturated areas, additional extraction arrays will be installed and additional existing monitor wells will be added to the system as thermal oxidation capacity allows.

5.0 **CHLORIDE RECOVERY**

5.1 Pump Placement

On May 3, 2003, two deep monitor wells, MWD-3 and MWD-9 were equipped with 1.5 hp, 3-phase electric submersible pumps capable of producing at least 35 gallons per minute. The pumps were set at 91.5' and 92.0' from the top of casing respectively. The wells were initially pumped at a rate of 10 gallons per minute (gpm) at a pressure of 75 psi, to test the well capacity. It appeared that 10gpm would be the maximum capacity of these two wells. System start-up is anticipated for January 2004. Copies of the well completions are included in Appendix D.

5.2 Water Allocation

On May 19, 2003, Highlander contacted the New Mexico Office of the State Engineer (OSE), to discuss water rights issues for the pumping of these chloride recovery wells. The OSE indicated that the water rights allocations would probably be sufficient for these wells; however, since they were more than 100' from existing permitted wells, they could not be designated as replacement wells. The OSE stated that the chloride



recovery wells would have to be permitted as supplemental wells, which requires application, publication and possible hearing and can take up to one year to complete.

On May 29, 2003, Highlander personnel met with a representative of the OSE in Hobbs, New Mexico. A file search was conducted to determine existing allocations for the plant. Additionally a discussion was held in which the OSE representative stated that these wells could be considered under the "Supplemental Well-Emergency Conditions" statute where the wells could be used prior to publication.

After reviewing the water rights allocations, discussions were held with ChevronTexaco to discuss ownership of the water rights. Eventually, ChevronTexaco and Dynegy decided that the water rights were owned by Versado, the owner of the South Plant. Dynegy filed the appropriate paperwork with the OSE to designate ownership of the water rights to Versado.

A "Request for Supplemental Wells – Emergency Conditions" was filed with the OSE, in Versado's name by Highlander on October 1, 2003. The request included a total of six (6) supplemental wells, the two monitor wells and an additional four (4) wells to be either converted or drilled if deemed necessary to remediate the chloride plume. As of publication of this report, the OSE informed Highlander that no protests were filed in connection with these recovery wells and the final approval from the OSE is pending. A copy of the Request is included in Appendix E.

5.3 Disposal Agreement

The NMOCD in Santa Fe approved disposal of the water generated from the pumping into the existing onsite plant disposal well. Negotiations with Versado for a disposal agreement were finalized and the agreement was in place as of January 12, 2004.

5.4 Operation and Maintenance

Once pumping starts, the site will be routinely monitored, starting on a weekly basis, to ensure that the cone of depression formed by the pumping wells does not adversely affect the dissolved phase or PSH plumes on the west side of the facility. Additionally, samples will be taken periodically to further evaluate the effectiveness of the system.

6.0 2004 PLANNED ACTIVITIES

1. In 2004, it is anticipated that the Vapor Extraction system will be installed into existing monitor wells to address unsaturated zone hydrocarbons, in the western half of the plant site. Once the system is installed, routine operation, maintenance and monitoring of system effectiveness will be performed by Highlander personnel.

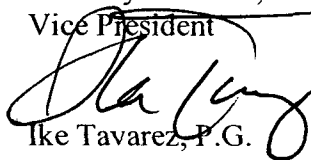


2. The two Ferret Separation Pumps (PSH recovery system) that were installed in MW-5 and MW-20, will continue to be operated and maintained by Highlander personnel.
3. The PSH recovery system in the western half of the plant site will continue to be operated and maintained by Highlander personnel.
4. MWD-3 and MWD-9 will be produced at anticipated rates between 5 and 10 gallons per minute in order to capture the most heavily impacted groundwater. Water generated from the pumping will be disposed of into the onsite Versado disposal well. Once pumping starts, the site will be routinely monitored, starting on a weekly basis, to ensure that the cone of depression formed by the pumping wells does not adversely affect the dissolved phase or PSH plumes on the west side of the facility and to evaluate hydraulic control of the chloride plume. Additional chloride and BTEX sampling will be performed on a quarterly basis, aside from the scheduled semi-annual sampling.
5. The chloride recovery system will be evaluated throughout 2004 and if deemed necessary, additional recovery wells will be installed up to a maximum of six (6), as requested in the supplemental well application to the OSE.
6. Semi-annual sampling of all monitor wells will be continued, and a summary of all activities will be provided to the NMOCD in the first quarter of 2004.
7. Once the Dual Phase system is operation (PSH and Vapor Extraction), and as the plant continues to be disassembled, the need and location for additional SVE extraction points will be evaluated. This would allow for proper extraction point placement, effective monitoring and efficient use of available equipment.

Respectfully Submitted,
Highlander Environmental Corp.



Timothy M. Reed, P.G.
Vice President



Ike Tavaréz, P.G.
Senior Geologist/Project Manager



FIGURES

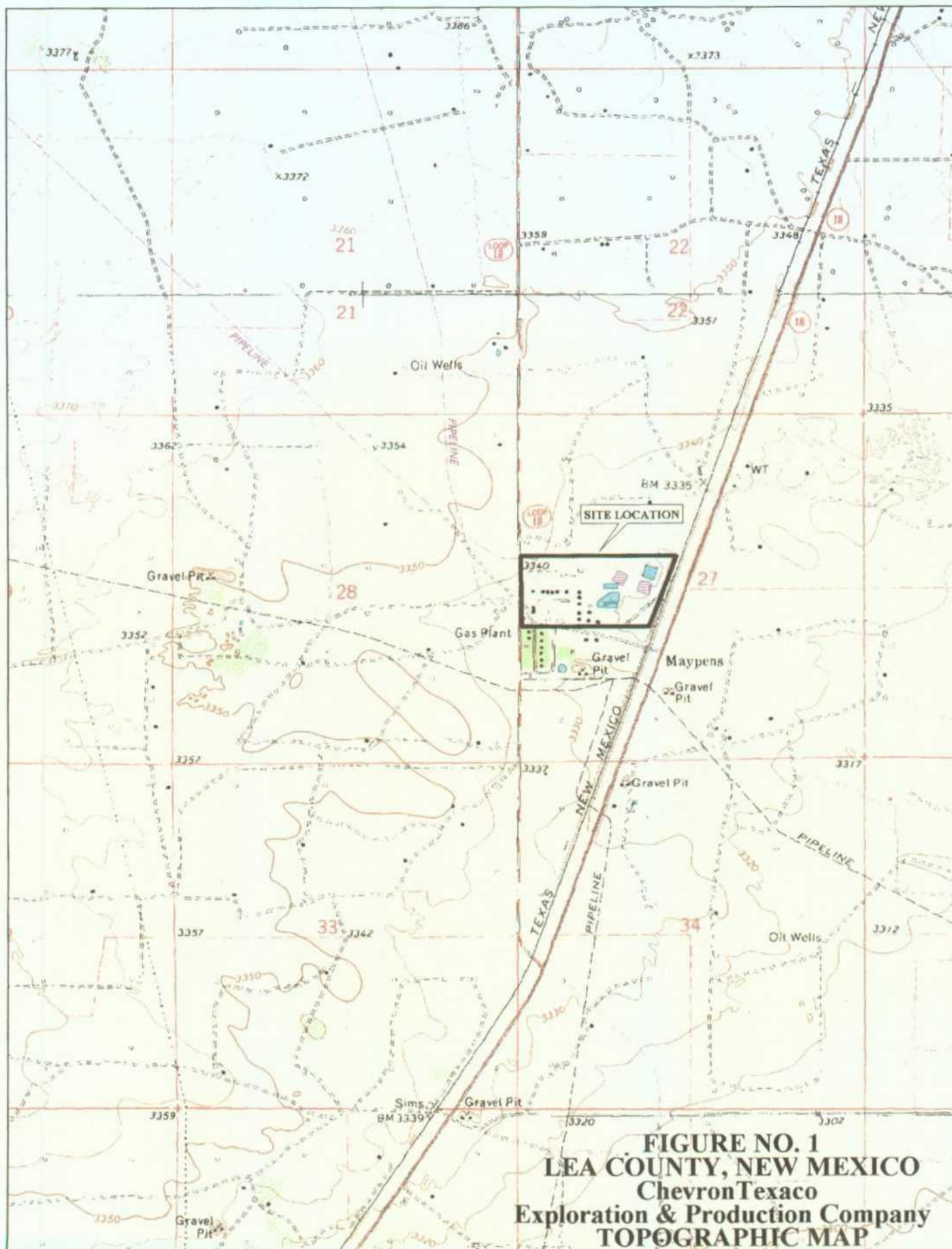


FIGURE NO. 1
LEA COUNTY, NEW MEXICO
ChevronTexaco
Exploration & Production Company
TOPOGRAPHIC MAP

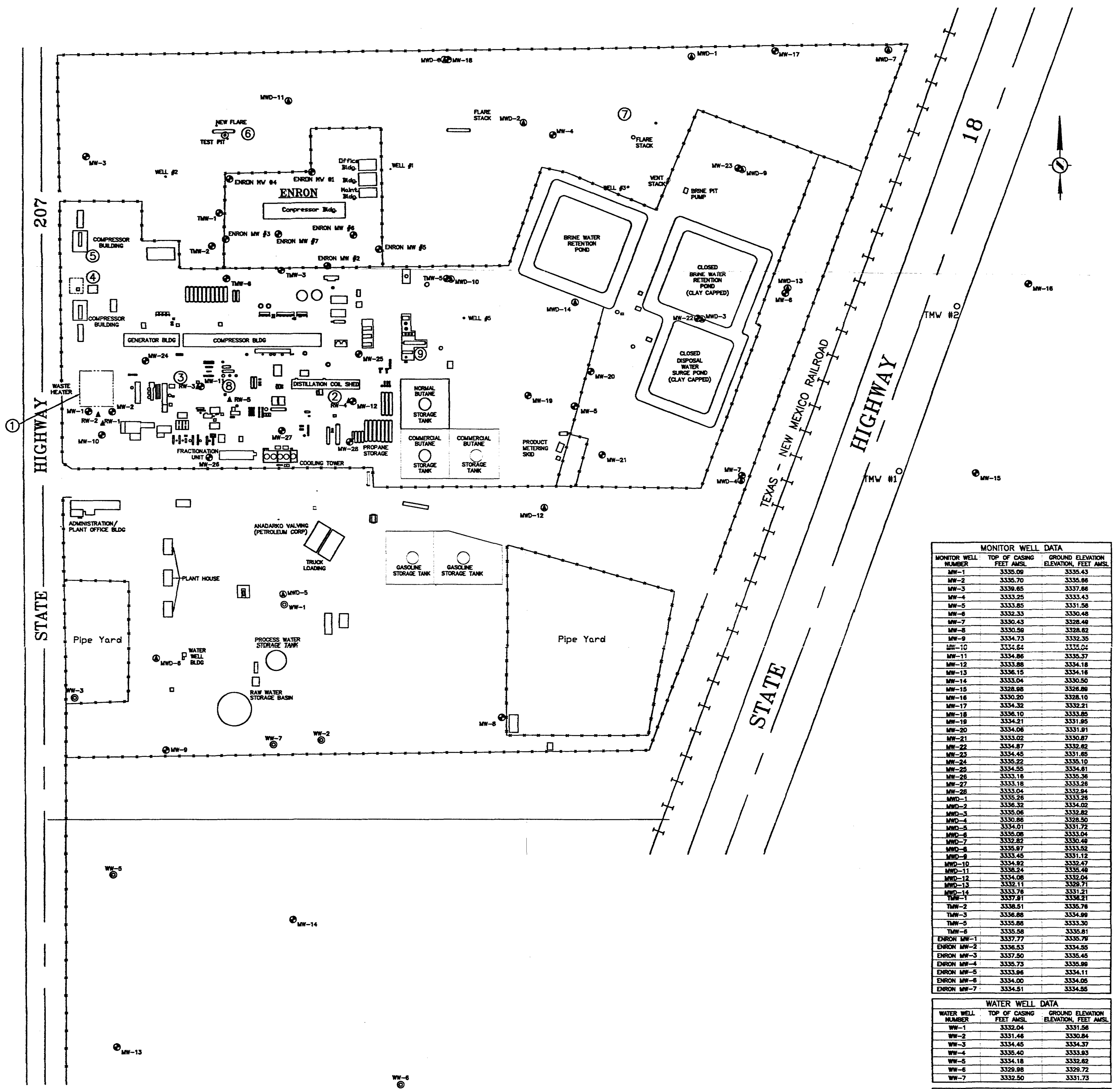


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 www.delorme.com

Scale 1 : 24,000
 1" = 2000 ft



TN
 MN
 8.8°E



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION, FEET AMSL
MW-1	3335.08	3335.43
MW-2	3335.70	3335.86
MW-3	3339.65	3337.66
MW-4	3333.25	3333.43
MW-5	3333.85	3331.56
MW-6	3332.33	3330.48
MW-7	3330.43	3328.48
MW-8	3330.59	3328.82
MW-9	3334.73	3332.35
MW-10	3334.64	3335.04
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.16
MW-14	3333.04	3330.50
MW-15	3328.68	3328.88
MW-16	3330.20	3328.10
MW-17	3334.32	3332.21
MW-18	3336.10	3333.85
MW-19	3334.21	3331.85
MW-20	3334.06	3331.81
MW-21	3333.02	3330.87
MW-22	3334.87	3332.62
MW-23	3334.45	3331.65
MW-24	3335.22	3335.10
MW-25	3334.55	3334.61
MW-26	3333.16	3335.36
MW-27	3333.18	3335.26
MW-28	3333.04	3332.94
MWD-1	3335.26	3333.26
MWD-2	3336.32	3334.02
MWD-3	3335.06	3332.82
MWD-4	3330.86	3328.50
MWD-5	3334.01	3331.72
MWD-6	3336.06	3333.04
MWD-7	3332.82	3330.48
MWD-8	3335.97	3333.52
MWD-9	3333.45	3331.12
MWD-10	3334.82	3332.47
MWD-11	3338.24	3335.48
MWD-12	3334.08	3332.04
MWD-13	3332.11	3329.71
MWD-14	3333.78	3331.21
TMW-1	3337.81	3338.21
TMW-2	3338.51	3336.78
TMW-3	3336.88	3334.89
TMW-4	3335.88	3333.30
TMW-5	3335.58	3335.81
ENRON MW-1	3337.77	3335.79
ENRON MW-2	3336.53	3334.55
ENRON MW-3	3337.50	3335.45
ENRON MW-4	3335.73	3335.88
ENRON MW-5	3333.86	3334.11
ENRON MW-6	3334.00	3334.05
ENRON MW-7	3334.51	3334.55

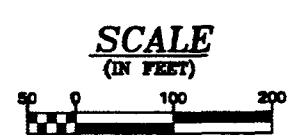
WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION, FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.83
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3336.06	3335.30
RW-4	3336.81	3334.14
RW-5	3337.98	3334.20

- ENVIRONMENTAL INVESTIGATION AREAS**
- ① - JET TURBINE SKID
 - ② - SLOP OIL SUMP
 - ③ - OIL AND WATER SUMP
 - ④ - SUMP #30
 - ⑤ - SUMP #31
 - ⑥ - EMERGENCY FLARE
 - ⑦ - H2S FLARE SUMP
 - ⑧ - CONCRETE SUMP (WEST OF TANK #14)
 - ⑨ - EAST SUMP

LEGEND

- ▲ RECOVERY WELL LOCATION
- MW-3 MONITOR WELL LOCATION
- MWD-3 MONITOR WELL LOCATION (DEEP)
- WW-1 WATER WELL LOCATION (INACTIVE)



DATE: 1/09/03
 DWD BY: JJ
 FILE: C:\SOUTH\787
 SITE-MAP_2-02

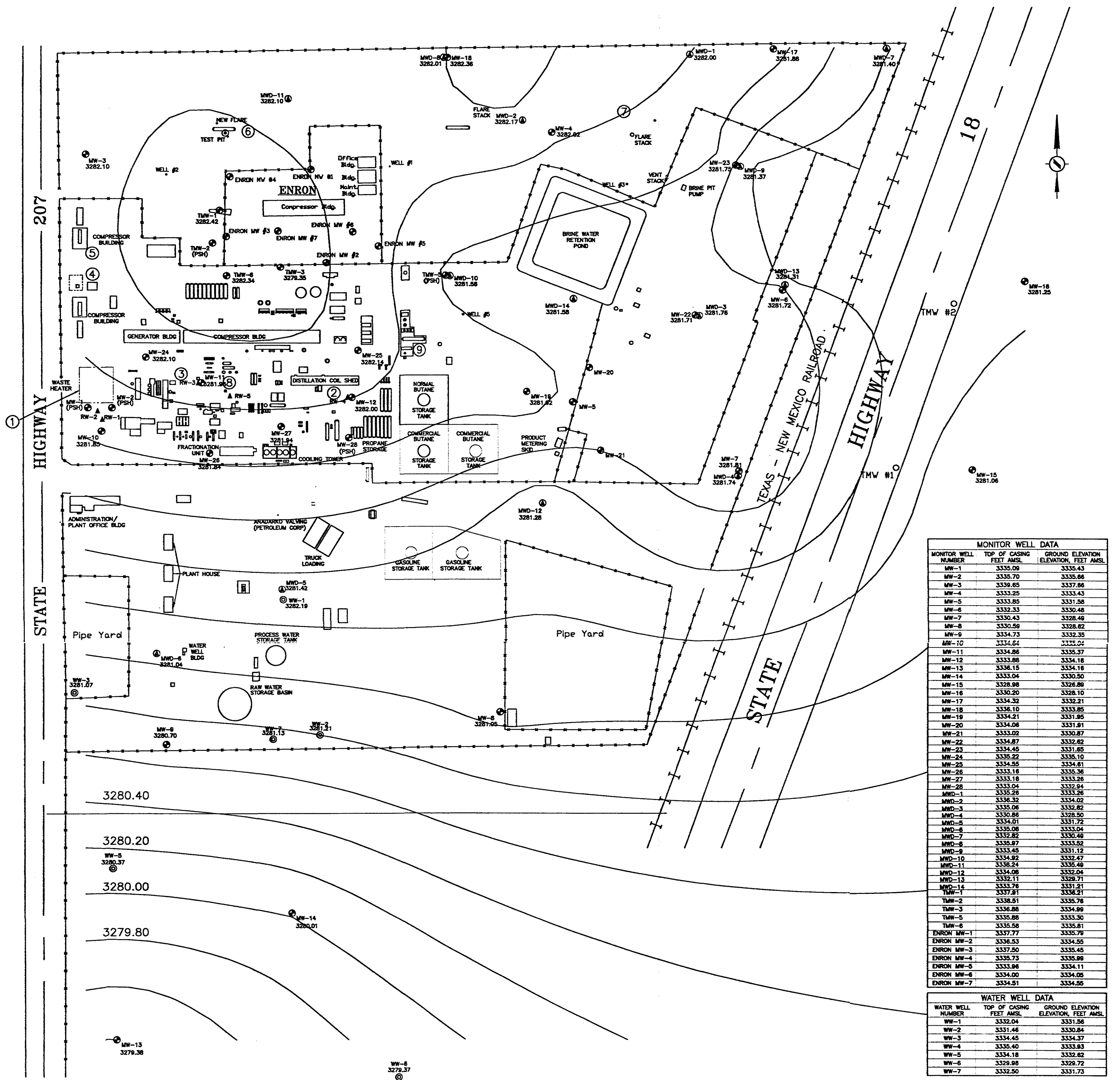
FIGURE NO. 2

LEA COUNTY, NEW MEXICO

ChevronTexaco
 Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
 SITE MAP

HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3335.09	3335.43
MW-2	3335.70	3335.66
MW-3	3339.65	3337.66
MW-4	3333.25	3333.43
MW-5	3333.85	3331.58
MW-6	3332.33	3330.48
MW-7	3330.43	3328.48
MW-8	3330.59	3328.82
MW-9	3334.73	3332.35
MW-10	3334.64	3332.04
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.16
MW-14	3333.04	3330.50
MW-15	3328.98	3326.88
MW-16	3330.20	3328.10
MW-17	3334.32	3332.21
MW-18	3336.10	3333.85
MW-19	3334.21	3331.95
MW-20	3334.06	3331.61
MW-21	3333.02	3330.87
MW-22	3334.87	3332.62
MW-23	3334.45	3331.65
MW-24	3335.22	3335.10
MW-25	3334.55	3334.61
MW-26	3333.16	3335.36
MW-27	3333.18	3333.26
MW-28	3333.04	3332.94
MWD-1	3335.26	3333.26
MWD-2	3336.32	3334.02
MWD-3	3335.06	3332.82
MWD-4	3330.86	3328.50
MWD-5	3334.01	3331.72
MWD-6	3335.08	3333.04
MWD-7	3332.82	3330.48
MWD-8	3335.97	3333.52
MWD-9	3333.45	3331.12
MWD-10	3334.82	3332.47
MWD-11	3338.24	3335.48
MWD-12	3334.08	3332.04
MWD-13	3332.11	3328.71
MWD-14	3333.76	3331.21
TMW-1	3337.91	3336.21
TMW-2	3338.51	3335.76
TMW-3	3336.88	3334.89
TMW-5	3335.88	3333.30
TMW-6	3335.58	3335.81
ENRON MW-1	3337.77	3335.79
ENRON MW-2	3336.53	3334.55
ENRON MW-3	3337.50	3335.45
ENRON MW-4	3335.73	3335.89
ENRON MW-5	3333.86	3334.11
ENRON MW-6	3334.00	3334.05
ENRON MW-7	3334.51	3334.55

WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.63
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

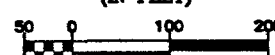
RECOVERY WELL DATA		
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3336.06	3335.30
RW-4	3336.61	3334.14
RW-5	3337.98	3334.20

ENVIRONMENTAL INVESTIGATION AREAS

- ① - JET TURBINE SKID
- ② - SLOP OIL SUMP
- ③ - OIL AND WATER SUMP
- ④ - SUMP #30
- ⑤ - SUMP #31
- ⑥ - EMERGENCY FLARE
- ⑦ - H2S FLARE SUMP
- ⑧ - CONCRETE SUMP (WEST OF TANK #14)
- ⑨ - EAST SUMP

LEGEND	
▲	RECOVERY WELL LOCATION
●	MONITOR WELL LOCATION
⊙	MONITOR WELL LOCATION (DEEP)
⊖	WATER WELL LOCATION (INACTIVE)

SCALE
(IN FEET)



DATE:
1/22/04
DWG. BY:
JJ
FILE:
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GW-4-03

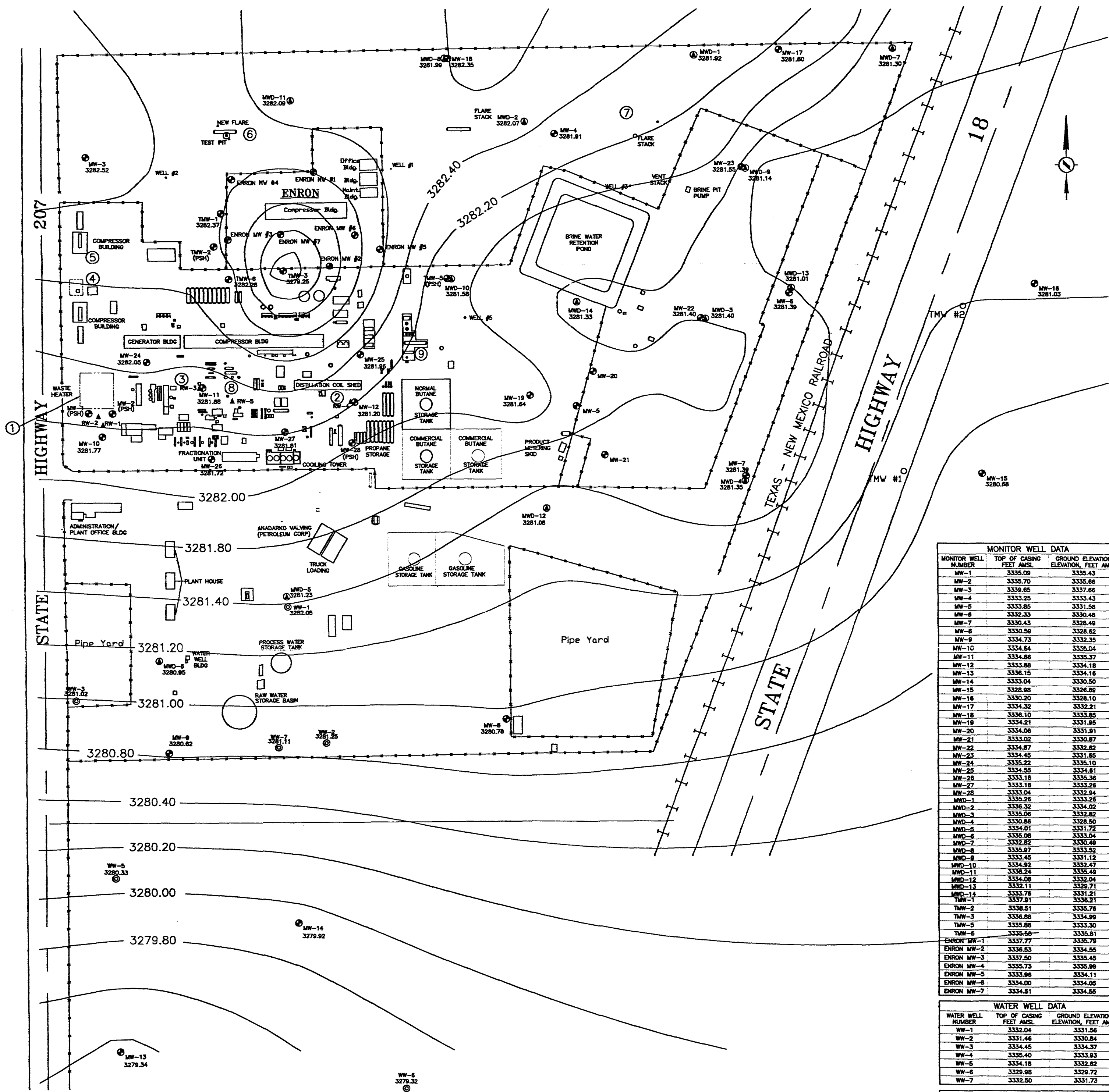
FIGURE NO. 3

LEA COUNTY, NEW MEXICO

ChevronTexaco
Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
GROUNDWATER TABLE MAP
4/21/03

HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION, FEET AMSL
MW-1	3335.08	3335.43
MW-2	3335.70	3335.66
MW-3	3339.65	3337.66
MW-4	3333.25	3333.43
MW-5	3333.85	3331.58
MW-6	3332.33	3330.48
MW-7	3330.43	3328.49
MW-8	3330.59	3328.62
MW-9	3334.73	3332.35
MW-10	3334.64	3335.04
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.16
MW-14	3333.04	3330.50
MW-15	3328.98	3326.89
MW-16	3330.20	3328.10
MW-17	3334.32	3332.21
MW-18	3336.10	3333.85
MW-19	3334.21	3331.95
MW-20	3334.06	3331.91
MW-21	3333.02	3330.87
MW-22	3334.87	3332.62
MW-23	3334.45	3331.85
MW-24	3335.22	3335.10
MW-25	3334.55	3334.61
MW-26	3333.18	3335.36
MW-27	3333.18	3333.26
MW-28	3333.04	3332.94
MW-29	3335.26	3333.26
MW-30	3336.32	3334.02
MW-31	3335.06	3332.82
MW-32	3330.86	3328.50
MW-33	3334.01	3331.72
MW-34	3335.08	3333.04
MW-35	3332.82	3330.49
MW-36	3335.87	3333.52
MW-37	3333.45	3331.12
MW-38	3334.92	3332.47
MW-39	3338.24	3335.48
MW-40	3334.08	3332.04
MW-41	3332.11	3329.71
MW-42	3333.78	3331.21
MW-43	3337.91	3338.21
MW-44	3336.51	3335.76
MW-45	3336.88	3334.99
MW-46	3335.88	3333.30
MW-47	3335.68	3335.81
MW-48	3337.77	3335.79
MW-49	3336.53	3334.55
MW-50	3337.50	3335.45
MW-51	3335.75	3335.99
MW-52	3333.98	3334.11
MW-53	3334.00	3334.05
MW-54	3334.51	3334.55

WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION, FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.93
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3338.06	3335.30
RW-4	3338.61	3334.14
RW-5	3337.88	3334.20

ENVIRONMENTAL INVESTIGATION AREAS

- ① - JET TURBINE SKID
- ② - SLOP OIL SUMP
- ③ - OIL AND WATER SUMP
- ④ - SUMP #30
- ⑤ - SUMP #31
- ⑥ - EMERGENCY FLARE
- ⑦ - H2S FLARE SUMP
- ⑧ - CONCRETE SUMP (WEST OF TANK #14)
- ⑨ - EAST SUMP

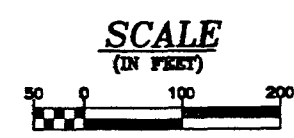
LEGEND

▲ RECOVERY WELL LOCATION

○ MONITOR WELL LOCATION

⊙ MONITOR WELL LOCATION (DEEP)

⊖ WATER WELL LOCATION (INACTIVE)



DATE: 1/22/04
 DWG. BY: JJ
 FILE: C:\SOUTH\787
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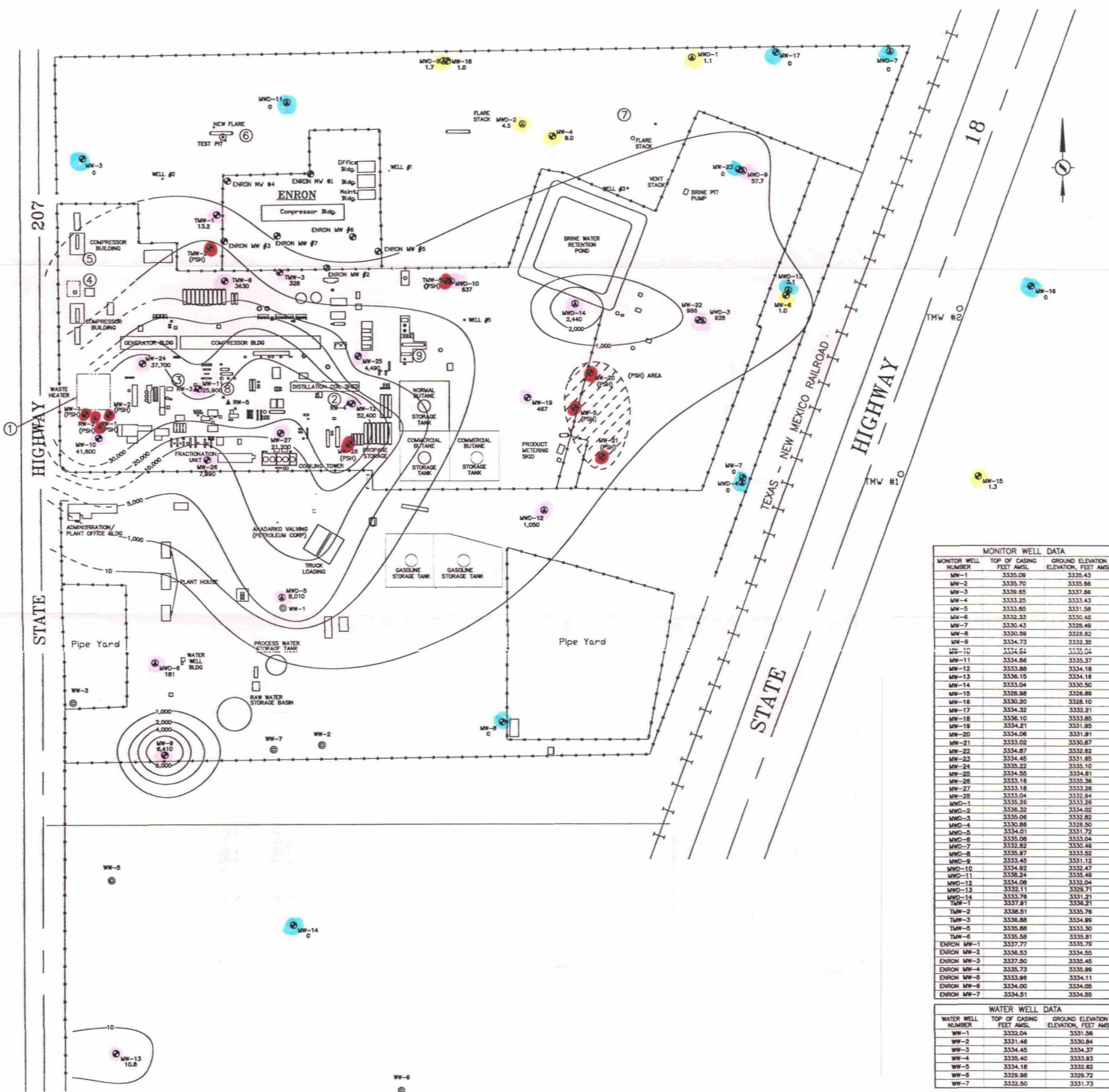
FIGURE NO. 4

LEA COUNTY, NEW MEXICO

ChevronTexaco
 Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
 GROUNDWATER TABLE MAP
 10/20/03

HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3335.09	3335.43
MW-2	3335.70	3335.66
MW-3	3339.65	3337.86
MW-4	3333.25	3333.43
MW-5	3333.85	3331.58
MW-6	3332.33	3330.48
MW-7	3330.43	3328.48
MW-8	3330.58	3328.62
MW-9	3334.73	3332.35
MW-10	3334.64	3335.04
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.16
MW-14	3333.04	3330.50
MW-15	3328.98	3326.89
MW-16	3330.20	3328.10
MW-17	3334.32	3332.21
MW-18	3336.10	3333.85
MW-19	3334.21	3331.95
MW-20	3334.06	3331.91
MW-21	3333.02	3330.87
MW-22	3334.87	3332.62
MW-23	3334.45	3331.85
MW-24	3335.22	3335.10
MW-25	3334.55	3334.81
MW-26	3333.16	3335.36
MW-27	3333.18	3333.26
MW-28	3333.04	3332.84
MW-1	3335.26	3333.26
MW-2	3336.32	3334.02
MW-3	3335.06	3332.82
MW-4	3330.86	3328.50
MW-5	3334.01	3331.72
MW-6	3335.08	3333.04
MW-7	3332.82	3330.46
MW-8	3335.87	3333.52
MW-9	3333.45	3331.12
MW-10	3334.92	3332.47
MW-11	3338.24	3335.48
MW-12	3334.08	3332.04
MW-13	3332.11	3329.71
MW-14	3333.76	3331.21
MW-1	3337.91	3336.21
TMW-1	3338.51	3335.76
TMW-2	3336.88	3334.69
TMW-3	3335.88	3333.50
TMW-4	3335.58	3333.81
TMW-5	3337.77	3335.78
ENRON MW-1	3336.53	3334.55
ENRON MW-2	3337.50	3335.45
ENRON MW-3	3335.73	3335.99
ENRON MW-4	3333.98	3334.11
ENRON MW-5	3334.00	3334.05
ENRON MW-6	3334.51	3334.55

WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.83
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3338.06	3335.30
RW-4	3336.61	3334.14
RW-5	3337.98	3334.20

- ENVIRONMENTAL INVESTIGATION AREAS
- 1 - JET TURBINE SKID
 - 2 - SLOP OIL SUMP
 - 3 - OIL AND WATER SUMP
 - 4 - SUMP #30
 - 5 - SUMP #31
 - 6 - EMERGENCY FLARE
 - 7 - H2S FLARE SUMP
 - 8 - CONCRETE SUMP (WEST OF TANK #14)
 - 9 - EAST SUMP

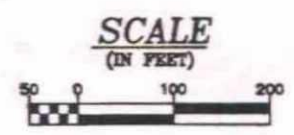
LEGEND

▲ RECOVERY WELL LOCATION

MW-3 MONITOR WELL LOCATION

MWD-3 MONITOR WELL LOCATION (DEEP)

WW-1 WATER WELL LOCATION (INACTIVE)



DATE: 1/23/04
 DWG. BY: JJ
 FILE: C:\SOUTH\787 BEN-4-03

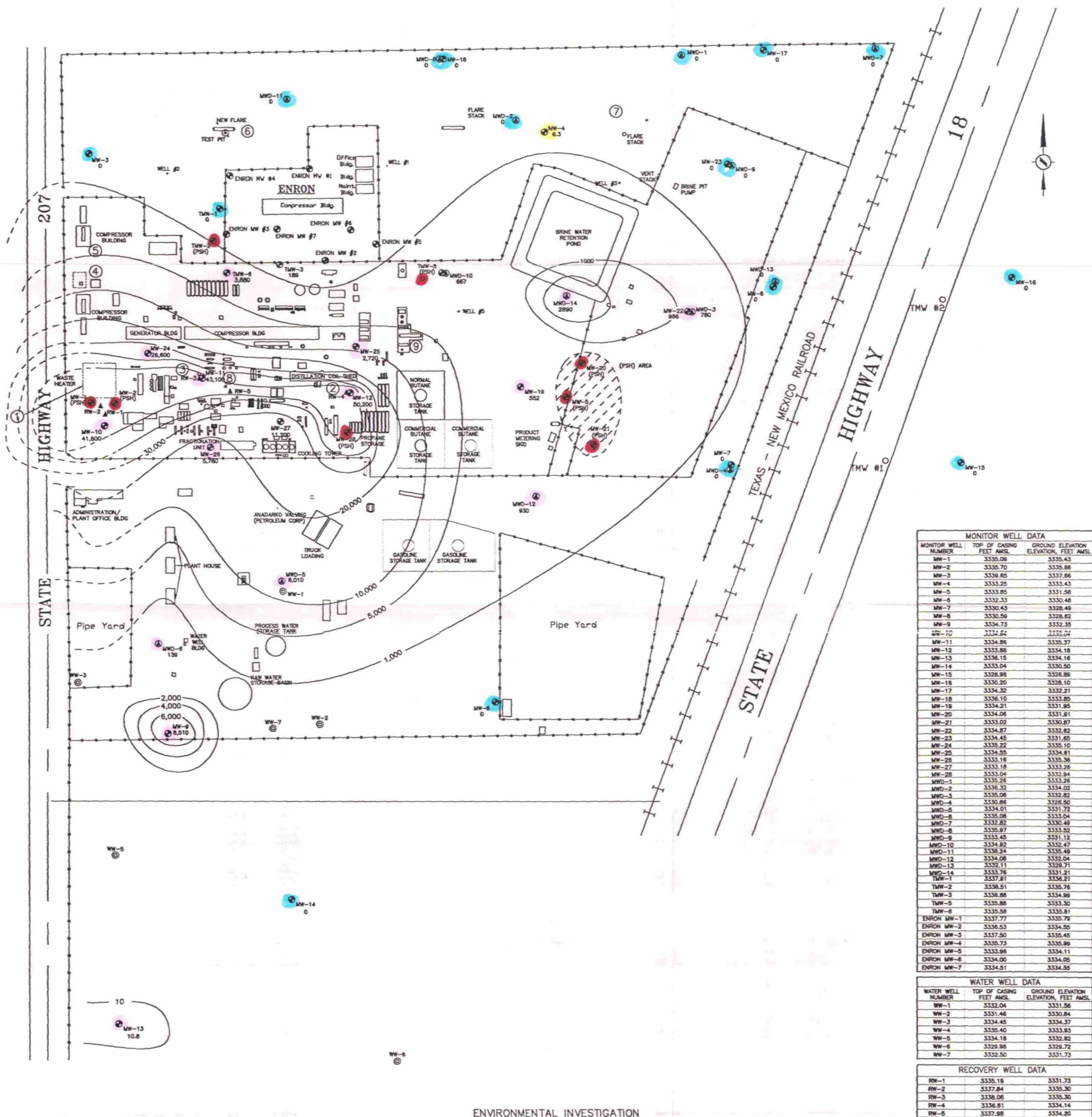
FIGURE NO. 5

LEA COUNTY, NEW MEXICO

ChevronTexaco
 Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
 ISOPLETH MAP OF BENZENE
 CONCENTRATION GROUNDWATER (ug/L)
 4/21/03

HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3335.09	3335.43
MW-2	3335.70	3335.86
MW-3	3339.65	3337.86
MW-4	3333.25	3333.43
MW-5	3333.85	3331.58
MW-6	3332.33	3330.48
MW-7	3330.43	3328.48
MW-8	3330.56	3328.62
MW-9	3334.73	3332.35
MW-10	3334.64	3332.04
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.16
MW-14	3333.04	3330.50
MW-15	3328.98	3328.86
MW-16	3330.20	3328.10
MW-17	3334.32	3332.21
MW-18	3336.10	3333.85
MW-19	3334.21	3331.95
MW-20	3334.06	3331.91
MW-21	3333.02	3330.87
MW-22	3334.87	3332.82
MW-23	3334.45	3331.65
MW-24	3333.22	3335.10
MW-25	3334.55	3334.81
MW-26	3333.16	3335.36
MW-27	3333.18	3333.28
MW-28	3333.04	3332.94
MWD-1	3335.26	3333.26
MWD-2	3336.32	3334.02
MWD-3	3335.06	3332.82
MWD-4	3330.86	3328.50
MWD-5	3334.01	3331.72
MWD-6	3335.08	3333.04
MWD-7	3332.82	3330.49
MWD-8	3335.97	3333.52
MWD-9	3333.45	3331.12
MWD-10	3334.92	3332.47
MWD-11	3336.24	3335.49
MWD-12	3334.08	3332.04
MWD-13	3332.11	3328.71
MWD-14	3333.76	3331.21
TMW-1	3337.81	3336.21
TMW-2	3338.51	3335.76
TMW-3	3336.88	3334.99
TMW-4	3335.88	3333.30
TMW-5	3335.58	3335.81
ENRON MW-1	3337.77	3335.79
ENRON MW-2	3336.53	3334.55
ENRON MW-3	3337.50	3335.45
ENRON MW-4	3335.73	3335.99
ENRON MW-5	3333.96	3334.11
ENRON MW-6	3334.00	3334.05
ENRON MW-7	3334.51	3334.55

WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.93
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3338.06	3335.30
RW-4	3336.61	3334.14
RW-5	3337.98	3334.20

FIGURE NO. 8

LEA COUNTY, NEW MEXICO

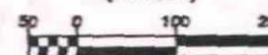
ChevronTexaco
Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
ISOPLETH MAP OF BENZENE
CONCENTRATION GROUNDWATER (ug/L)
10/20/03

HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS

DATE:
1/23/04
DWG. BY:
JJ
FILE:
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BEN_10-03

SCALE
(IN FEET)

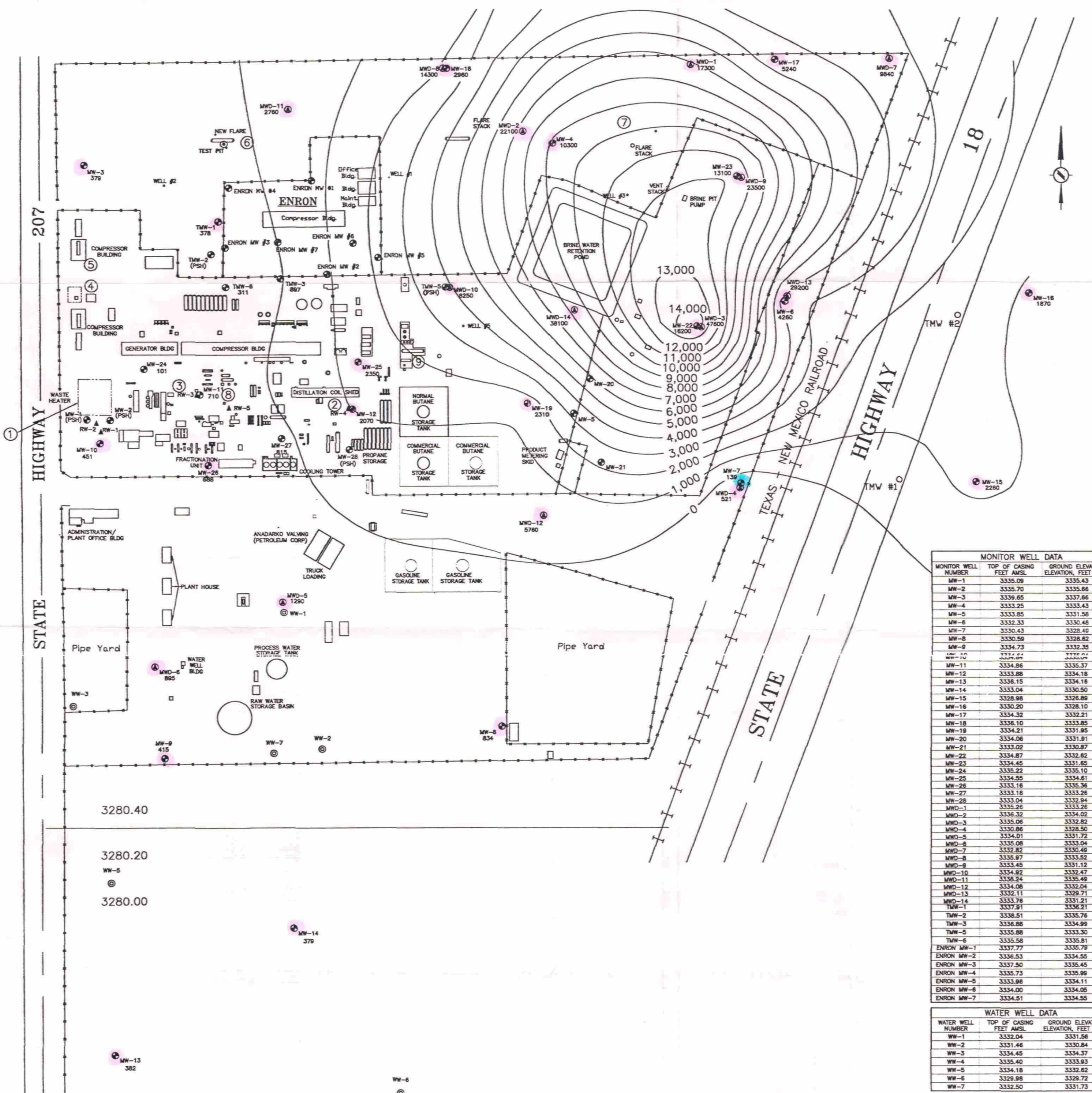


ENVIRONMENTAL INVESTIGATION
AREAS

- ① - JET TURBINE SKID
- ② - SLOP OIL SUMP
- ③ - OIL AND WATER SUMP
- ④ - SUMP #30
- ⑤ - SUMP #31
- ⑥ - EMERGENCY FLARE
- ⑦ - H2S FLARE SUMP
- ⑧ - CONCRETE SUMP (WEST OF TANK #14)
- ⑨ - EAST SUMP

LEGEND

- ▲ RECOVERY WELL LOCATION
- MW-3 MONITOR WELL LOCATION
- MWD-3 MONITOR WELL LOCATION (DEEP)
- WW-1 WATER WELL LOCATION (INACTIVE)



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3335.09	3335.43
MW-2	3335.70	3335.66
MW-3	3339.65	3337.66
MW-4	3333.25	3333.43
MW-5	3333.85	3331.58
MW-6	3332.33	3330.48
MW-7	3330.43	3328.40
MW-8	3330.59	3328.62
MW-9	3334.73	3332.35
MW-10	3334.86	3335.37
MW-11	3333.88	3334.18
MW-12	3336.15	3334.18
MW-13	3333.04	3330.50
MW-14	3328.98	3326.89
MW-15	3330.20	3328.10
MW-16	3334.32	3332.21
MW-17	3336.10	3333.85
MW-18	3334.21	3331.95
MW-19	3334.06	3331.91
MW-20	3333.02	3330.87
MW-21	3334.87	3332.62
MW-22	3334.45	3331.65
MW-23	3335.22	3335.10
MW-24	3334.55	3334.61
MW-25	3333.16	3335.36
MW-26	3333.18	3333.26
MW-27	3333.04	3332.94
MW-28	3335.26	3333.26
MWD-1	3336.32	3334.02
MWD-2	3335.06	3332.82
MWD-3	3330.86	3328.50
MWD-4	3334.01	3331.72
MWD-5	3335.08	3333.04
MWD-6	3332.82	3330.46
MWD-7	3335.97	3333.52
MWD-8	3333.45	3331.12
MWD-9	3334.92	3332.47
MWD-10	3338.24	3335.49
MWD-11	3334.08	3332.04
MWD-12	3332.11	3329.71
MWD-13	3333.76	3331.21
MWD-14	3337.81	3336.21
TMW-1	3338.51	3335.76
TMW-2	3336.88	3334.99
TMW-3	3335.88	3333.30
TMW-4	3335.58	3335.81
ENRON MW-1	3337.77	3335.79
ENRON MW-2	3336.53	3334.55
ENRON MW-3	3337.50	3335.45
ENRON MW-4	3335.73	3335.99
ENRON MW-5	3333.98	3334.11
ENRON MW-6	3334.00	3334.05
ENRON MW-7	3334.51	3334.55

WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.63
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RECOVERY WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3336.06	3335.30
RW-4	3336.61	3334.14
RW-5	3337.98	3334.20

LEGEND

▲ RECOVERY WELL LOCATION

● MONITOR WELL LOCATION

● MONITOR WELL LOCATION (DEEP)

● WATER WELL LOCATION (INACTIVE)

- ENVIRONMENTAL INVESTIGATION AREAS**
- ① - JET TURBINE SKID
 - ② - SLOP OIL SUMP
 - ③ - OIL AND WATER SUMP
 - ④ - SUMP #30
 - ⑤ - SUMP #31
 - ⑥ - EMERGENCY FLARE
 - ⑦ - H2S FLARE SUMP
 - ⑧ - CONCRETE SUMP (WEST OF TANK #14)
 - ⑨ - EAST SUMP



DATE: 1/26/04
 DWG. BY: JJ
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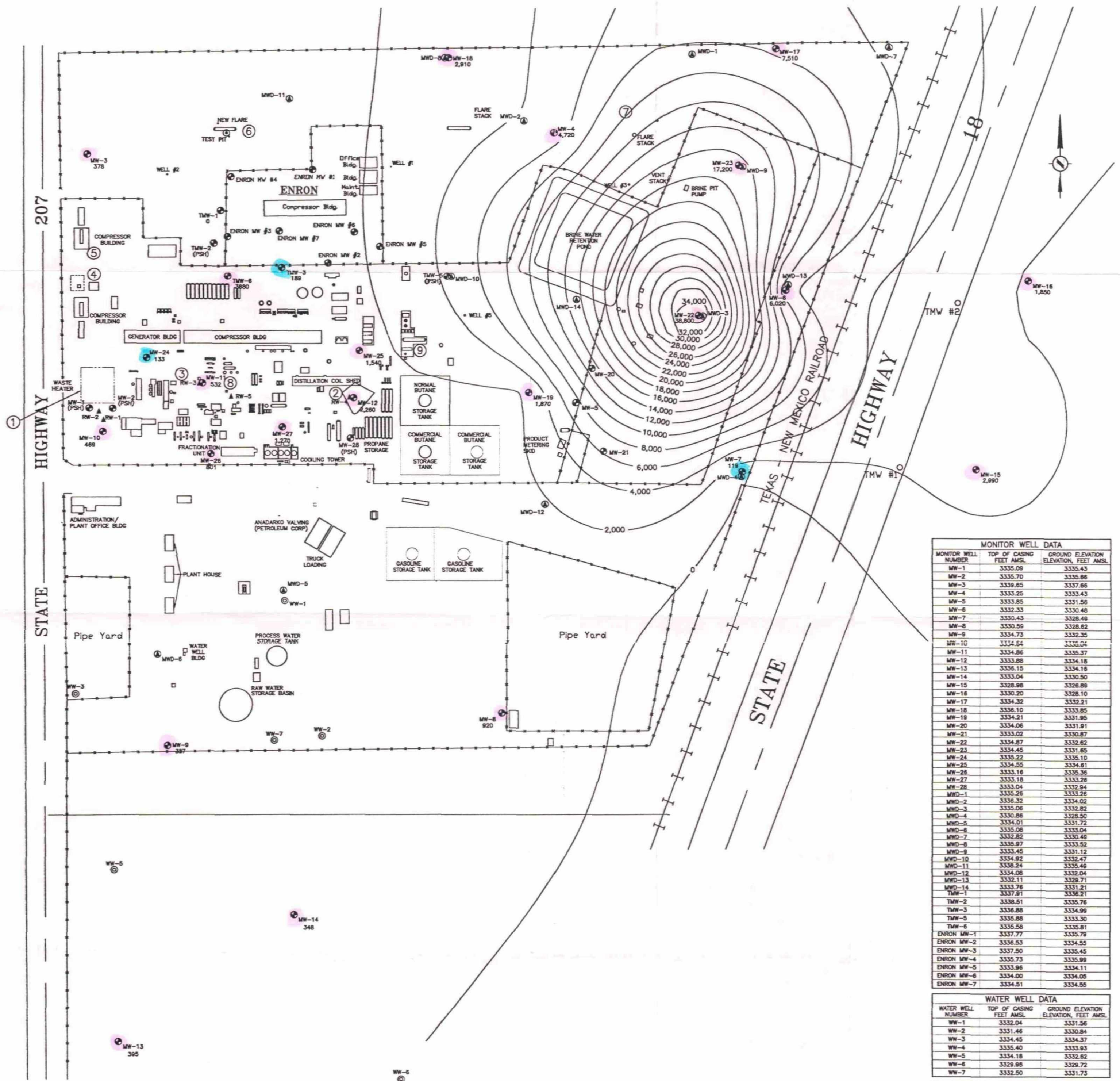
FIGURE NO. 7

LEA COUNTY, NEW MEXICO

ChevronTexaco
 Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
 ISOPLETH MAP OF CHLORIDE (SHALLOW)
 CONCENTRATION GROUNDWATER (mg/L)
 4/21/03

HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS



MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3335.08	3335.43
MW-2	3335.70	3335.66
MW-3	3339.65	3337.66
MW-4	3333.25	3333.43
MW-5	3333.85	3331.56
MW-6	3332.33	3330.48
MW-7	3330.43	3328.46
MW-8	3330.59	3328.82
MW-9	3334.73	3332.35
MW-10	3334.64	3335.04
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.18
MW-14	3333.04	3330.50
MW-15	3328.98	3326.89
MW-16	3330.32	3328.10
MW-17	3334.20	3332.21
MW-18	3336.10	3333.85
MW-19	3334.21	3331.85
MW-20	3334.06	3331.81
MW-21	3333.02	3330.87
MW-22	3334.87	3332.62
MW-23	3334.45	3331.65
MW-24	3335.22	3335.10
MW-25	3334.55	3334.61
MW-26	3333.16	3335.36
MW-27	3333.18	3333.26
MW-28	3333.04	3332.84
MWD-1	3335.26	3333.26
MWD-2	3336.32	3334.02
MWD-3	3335.06	3332.82
MWD-4	3330.88	3328.50
MWD-5	3334.01	3331.72
MWD-6	3335.08	3333.04
MWD-7	3332.82	3330.46
MWD-8	3335.97	3333.52
MWD-9	3333.45	3331.12
MWD-10	3334.92	3332.47
MWD-11	3338.24	3335.46
MWD-12	3334.08	3332.04
MWD-13	3332.11	3329.71
MWD-14	3333.76	3331.21
TMW-1	3337.91	3336.21
TMW-2	3338.51	3335.76
TMW-3	3336.88	3334.99
TMW-4	3335.88	3333.30
TMW-5	3335.58	3335.81
ENRON MW-1	3337.77	3335.79
ENRON MW-2	3336.53	3334.55
ENRON MW-3	3337.50	3335.45
ENRON MW-4	3335.73	3335.99
ENRON MW-5	3333.96	3334.11
ENRON MW-6	3334.00	3334.05
ENRON MW-7	3334.51	3334.55

WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.83
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3338.06	3335.30
RW-4	3336.61	3334.14
RW-5	3337.98	3334.20

ENVIRONMENTAL INVESTIGATION AREAS

- ① - JET TURBINE SKID
- ② - SLOP OIL SUMP
- ③ - OIL AND WATER SUMP
- ④ - SUMP #30
- ⑤ - SUMP #31
- ⑥ - EMERGENCY FLARE
- ⑦ - H2S FLARE SUMP
- ⑧ - CONCRETE SUMP (WEST OF TANK #14)
- ⑨ - EAST SUMP

LEGEND	
▲	RECOVERY WELL LOCATION
●	MONITOR WELL LOCATION
⊙	MONITOR WELL LOCATION (DEEP)
⊙	WATER WELL LOCATION (INACTIVE)



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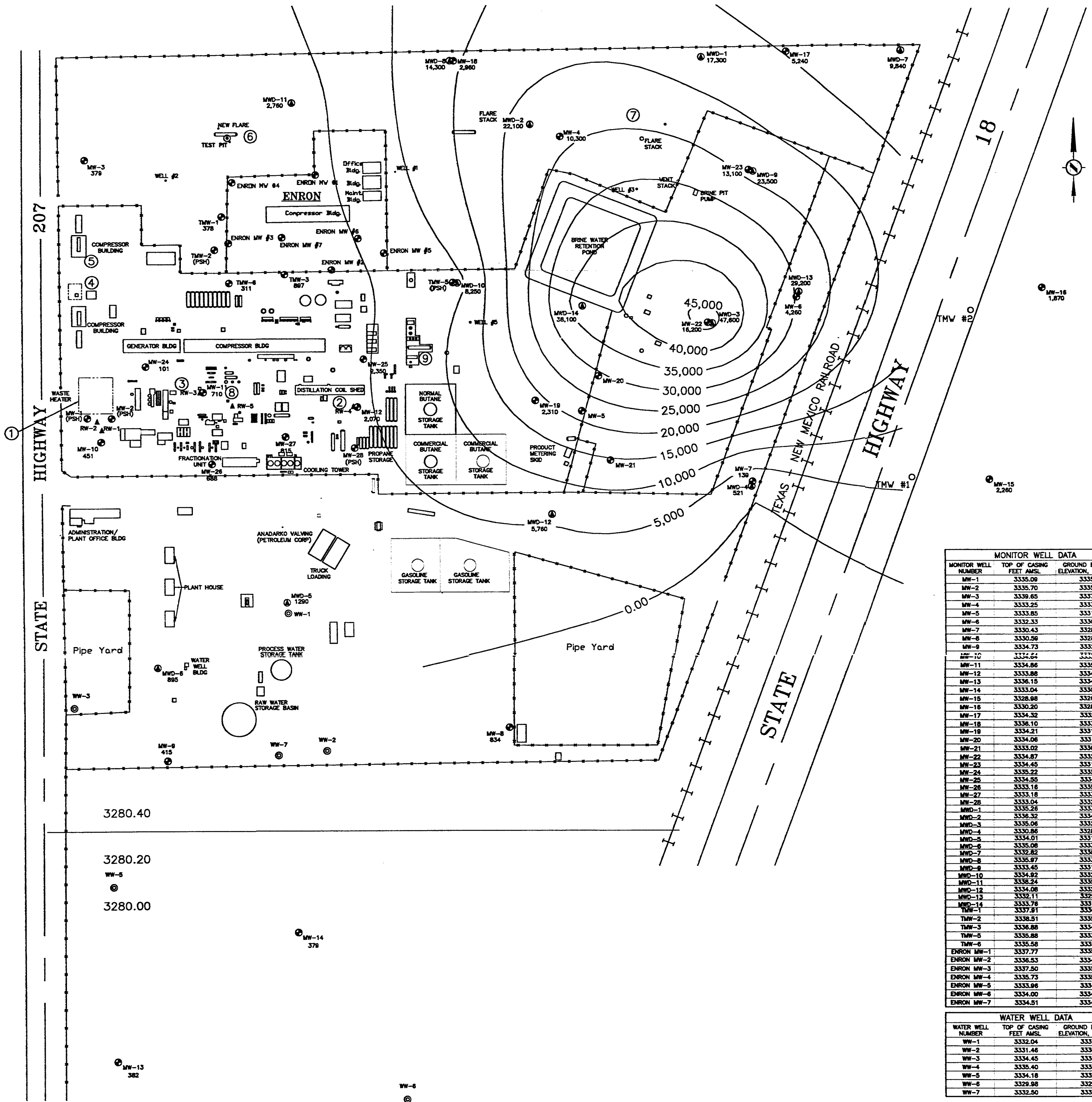
FIGURE NO. 8

LEA COUNTY, NEW MEXICO

ChevronTexaco
 Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
 ISOPLETH MAP OF CHLORIDE (SHALLOW)
 CONCENTRATION GROUNDWATER (mg/L)
 10/20/03

HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3335.09	3335.43
MW-2	3335.70	3335.66
MW-3	3339.65	3337.66
MW-4	3333.25	3333.43
MW-5	3333.85	3331.58
MW-6	3332.33	3330.48
MW-7	3330.43	3328.48
MW-8	3330.59	3328.62
MW-9	3334.73	3332.35
MW-10	3334.64	3332.62
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.18
MW-14	3333.04	3330.50
MW-15	3328.68	3328.89
MW-16	3330.20	3328.10
MW-17	3334.32	3332.21
MW-18	3336.10	3333.85
MW-19	3334.21	3331.85
MW-20	3334.06	3331.91
MW-21	3333.02	3330.87
MW-22	3334.87	3332.62
MW-23	3334.45	3331.85
MW-24	3335.22	3335.10
MW-25	3334.55	3334.61
MW-26	3333.16	3335.36
MW-27	3333.18	3333.26
MW-28	3333.04	3332.94
MWD-1	3335.26	3335.26
MWD-2	3336.32	3334.02
MWD-3	3335.06	3332.82
MWD-4	3330.86	3328.50
MWD-5	3334.01	3331.72
MWD-6	3335.08	3333.04
MWD-7	3332.82	3330.48
MWD-8	3335.87	3333.82
MWD-9	3333.45	3331.12
MWD-10	3334.82	3332.47
MWD-11	3338.24	3335.48
MWD-12	3334.08	3332.04
MWD-13	3332.11	3329.71
MWD-14	3333.78	3331.21
TMW-1	3337.81	3338.21
TMW-2	3338.51	3335.78
TMW-3	3336.88	3334.99
TMW-5	3336.88	3333.30
TMW-6	3335.58	3335.81
ENRON MW-1	3337.77	3335.79
ENRON MW-2	3336.53	3334.55
ENRON MW-3	3337.50	3335.45
ENRON MW-4	3335.73	3335.89
ENRON MW-5	3333.86	3334.11
ENRON MW-6	3334.00	3334.05
ENRON MW-7	3334.51	3334.55

WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.83
WW-5	3334.18	3332.62
WW-6	3329.88	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RW NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
RW-1	3335.19	3331.73
RW-2	3337.84	3335.30
RW-3	3338.06	3335.30
RW-4	3336.61	3334.14
RW-5	3337.98	3334.20

ENVIRONMENTAL INVESTIGATION AREAS

- ① - JET TURBINE SKID
- ② - SLOP OIL SUMP
- ③ - OIL AND WATER SUMP
- ④ - SUMP #30
- ⑤ - SUMP #31
- ⑥ - EMERGENCY FLARE
- ⑦ - H2S FLARE SUMP
- ⑧ - CONCRETE SUMP (WEST OF TANK #14)
- ⑨ - EAST SUMP

LEGEND

- ▲ RECOVERY WELL LOCATION
- MW-3 MONITOR WELL LOCATION
- MWD-3 MONITOR WELL LOCATION (DEEP)
- WW-1 WATER WELL LOCATION (INACTIVE)

SCALE



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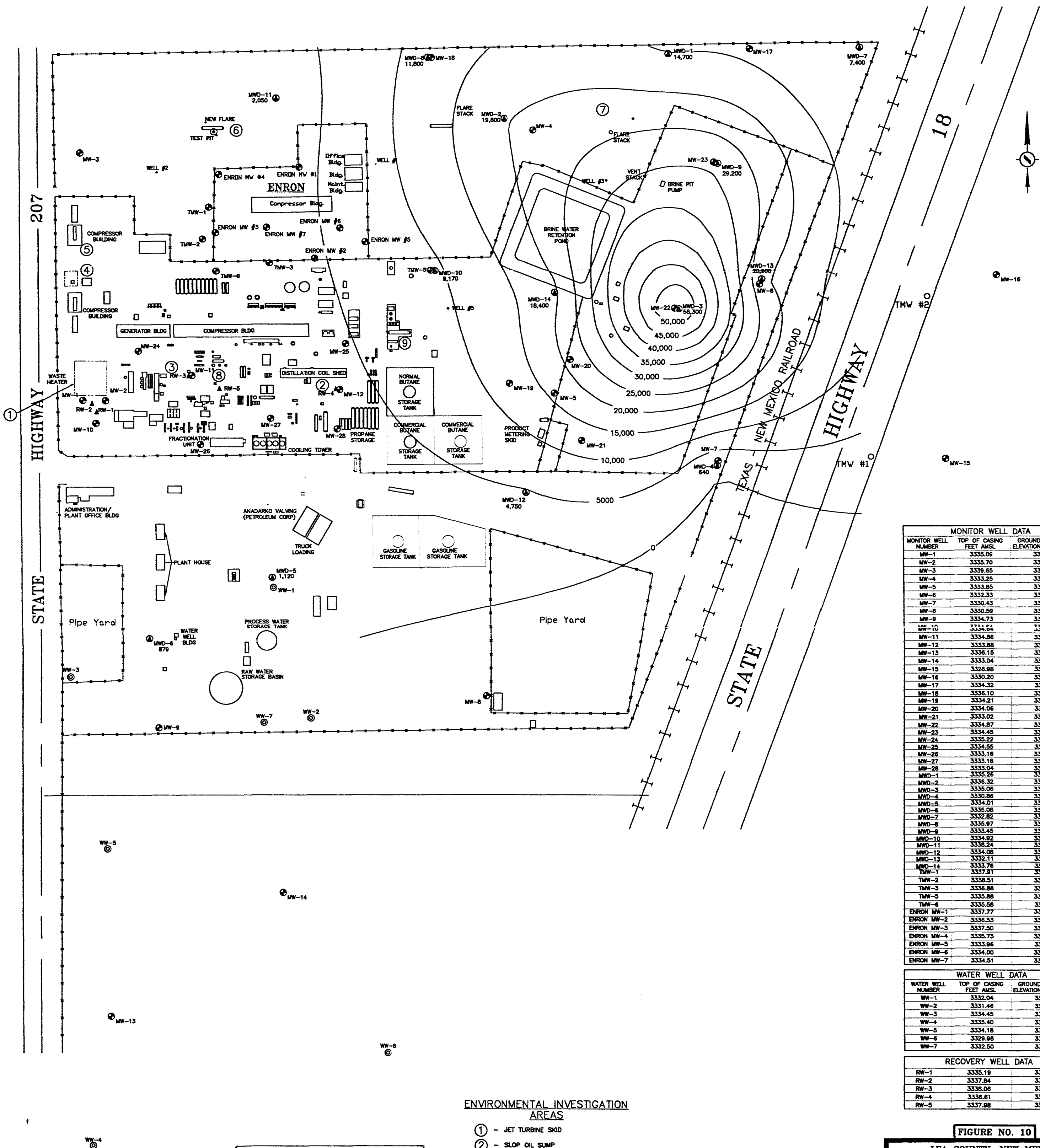
FIGURE NO. 9

LEA COUNTY, NEW MEXICO

ChevronTexaco
Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
ISOPLETH MAP OF CHLORIDE (DEEP)
CONCENTRATION GROUNDWATER (mg/L)
4/21/03

HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS



MONITOR WELL DATA		
MONITOR WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
MW-1	3335.09	3335.43
MW-2	3335.70	3335.66
MW-3	3339.65	3337.66
MW-4	3333.25	3333.43
MW-5	3333.85	3331.58
MW-6	3332.33	3330.48
MW-7	3330.43	3328.49
MW-8	3330.58	3328.62
MW-9	3334.73	3332.35
MW-10	3334.24	3332.64
MW-11	3334.86	3335.37
MW-12	3333.88	3334.18
MW-13	3336.15	3334.16
MW-14	3333.04	3330.50
MW-15	3328.98	3326.89
MW-16	3330.20	3328.10
MW-17	3334.32	3332.21
MW-18	3336.10	3333.65
MW-19	3334.21	3331.95
MW-20	3334.06	3331.91
MW-21	3333.02	3330.87
MW-22	3334.87	3332.82
MW-23	3334.45	3331.65
MW-24	3335.22	3335.10
MW-25	3334.55	3334.61
MW-26	3333.16	3335.36
MW-27	3333.18	3335.26
MW-28	3333.04	3330.94
MW-29	3335.26	3333.26
MW-30	3336.32	3334.02
MW-31	3335.06	3332.82
MW-32	3330.86	3328.50
MW-33	3334.01	3331.72
MW-34	3335.08	3333.04
MW-35	3332.82	3330.49
MW-36	3335.87	3333.52
MW-37	3333.45	3331.12
MW-38	3334.82	3332.47
MW-39	3338.24	3335.49
MW-40	3334.08	3332.04
MW-41	3332.11	3329.71
MW-42	3333.76	3331.21
MW-43	3337.81	3336.21
MW-44	3338.51	3335.76
MW-45	3336.88	3334.89
MW-46	3335.88	3333.30
MW-47	3335.68	3335.81
MW-48	3337.77	3335.79
MW-49	3336.53	3334.55
MW-50	3337.50	3335.45
MW-51	3335.75	3335.89
MW-52	3333.86	3334.11
MW-53	3334.00	3334.05
MW-54	3334.51	3334.55

WATER WELL DATA		
WATER WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
WW-1	3332.04	3331.56
WW-2	3331.46	3330.84
WW-3	3334.45	3334.37
WW-4	3335.40	3333.63
WW-5	3334.18	3332.62
WW-6	3329.98	3329.72
WW-7	3332.50	3331.73

RECOVERY WELL DATA		
RECOVERY WELL NUMBER	TOP OF CASING FEET AMSL	GROUND ELEVATION FEET AMSL
RW-1	3335.19	3331.73
RW-2	3337.84	3336.30
RW-3	3336.06	3336.30
RW-4	3336.61	3334.14
RW-5	3337.98	3334.20

ENVIRONMENTAL INVESTIGATION AREAS

- ① - JET TURBINE SKID
- ② - SLOP OIL SUMP
- ③ - OIL AND WATER SUMP
- ④ - SUMP #30
- ⑤ - SUMP #31
- ⑥ - EMERGENCY FLARE
- ⑦ - H2S FLARE SUMP
- ⑧ - CONCRETE SUMP (WEST OF TANK #14)
- ⑨ - EAST SUMP

LEGEND	
▲	RECOVERY WELL LOCATION
●	MONITOR WELL LOCATION
⊙	MONITOR WELL LOCATION (DEEP)
⊙	WATER WELL LOCATION (INACTIVE)



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FIGURE NO. 10

LEA COUNTY, NEW MEXICO

ChevronTexaco
 Exploration & Production Company

EUNICE #1 (SOUTH) GAS PLANT
 ISOPLETH MAP OF CHLORIDE (DEEP)
 CONCENTRATION GROUNDWATER (mg/L)
 10/20/03

HIGHLANDER ENVIRONMENTAL CORP.
 MIDLAND, TEXAS

PHOTOGRAPHS

PHOTOGRAPHS

PHOTOGRAPHIC DOCUMENTATION

ChevronTexaco Eunice South Plant
2003 Annual Summary



1. East Side Ferret System - storage tanks, transfer pump & compressor building.



2. East Side Ferret System - storage tanks & transfer pump.

PHOTOGRAPHIC DOCUMENTATION

ChevronTexaco Eunice South Plant
2003 Annual Summary



3. CRW-1 (MWD-3) - well with meter.



4. CRW-2 (MWD-9) - well with meter.

PHOTOGRAPHIC DOCUMENTATION

ChevronTexaco Eunice South Plant

2003 Annual Summary



5. West Side Hydrocarbon Plume RW-2 – typical product storage tanks and controls.



6. Eunice South Plant – separation and water storage facility.

TABLES

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-1	Water level	PSH	Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	53.88		0.00	3335.09	3281.21	3281.21	7.37	-	0	0.51	0	0	0	0	0
05/28/97	53.45		2.73	3335.09	3281.64	3278.91	-	-	-	-	-	-	-	-	-
12/07/98	53.63		2.31	3335.09	3281.46	3279.15	-	-	-	-	-	-	-	-	-
08/23/00	53.37		2.07	3335.09	3281.72	3279.65	-	-	-	-	-	-	-	-	-
03/22/01	54.94		2.09	3335.09	3280.15	3278.06	-	-	-	-	-	-	-	-	-
10/16/01	54.97		2.21	3335.09	3280.12	3277.91	-	-	-	-	-	-	-	-	-
04/15/02	55.07		2.17	3335.09	3280.02	3277.85	-	-	-	-	-	-	-	-	-
09/13/02	59.11		6.25	3335.09	3275.98	3269.73	-	-	-	-	-	-	-	-	-
04/21/03	54.82		2.06	3335.09	3280.27	3278.21	-	-	-	-	-	-	-	-	-
10/20/03	54.95		2.14	3335.09	3280.14	3278.00	-	-	-	-	-	-	-	-	-
MW-2	Water level	PSH	Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	55.96		0	3335.70	3279.74	3279.74	-	-	-	-	-	-	-	-	-
05/28/97	53.79		2.97	3335.70	3281.91	3278.94	-	-	-	-	-	-	-	-	-
12/07/98	53.87		2.5	3335.70	3281.83	3279.33	-	-	-	-	-	-	-	-	-
08/23/00	53.61		2.25	3335.70	3282.09	3279.84	-	-	-	-	-	-	-	-	-
03/22/01	55.33		2.28	3335.70	3280.37	3278.09	-	-	-	-	-	-	-	-	-
10/16/01	55.18		2.21	3335.70	3280.52	3278.31	-	-	-	-	-	-	-	-	-
04/15/02	55.50		2.39	3335.70	3280.20	3277.81	-	-	-	-	-	-	-	-	-
09/13/02	55.55		2.48	3335.70	3280.15	3277.67	-	-	-	-	-	-	-	-	-
04/21/03	53.86		0.97	3335.70	3281.84	3280.87	-	-	-	-	-	-	-	-	-
10/20/03	55.46		2.44	3335.70	3280.24	3277.80	-	-	-	-	-	-	-	-	-
MW-3	Water level	PSH	Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	57.65		0	3339.65	3282.00	3282.00	0.029	430	0	0	0	0	0	0	0
12/07/98	57.74		0	3339.65	3281.91	3281.91	-	-	-	-	-	-	-	-	-
08/23/00	57.59		0	3339.65	3282.06	3282.06	0	530	0	0.15	0	0	0	0	0
03/22/01	57.39		0	3339.65	3282.26	3282.26	0	480	0	0.14	0	0	0	0	0
10/16/01	56.30		0	3339.65	3283.35	3283.35	0.0065	475	0	0.144	0	0	0	0	0
04/15/02	57.38		0	3339.65	3282.27	3282.27	0.0135	448	0	0.158	0	0	0	0	0
09/13/02	57.32		0	3339.65	3282.33	3282.33	0	410	0	0.193	0	0	0	0	0
04/22/03	57.55		0	3339.65	3282.10	3282.10	0	379	0	0.138	0	0	0	0	0
10/21/03	57.13		0	3339.65	3282.52	3282.52	0	378	0	0.106	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-4	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	51.53	0	3333.25	3281.72	3281.72	0.047	5500	0	0.2	0	0	0	0	0
12/07/98	51.73	0	3333.25	3281.52	3281.52	-	-	-	-	-	-	-	-	-
08/23/00	51.64	0	3333.25	3281.61	3281.61	0.052	7100	0	0.15	0	0	0	0	0
03/22/01	51.34	0	3333.25	3281.91	3281.91	0	8200	0	0	0	0	0	0	0
10/16/01	50.40	0	3333.25	3282.85	3282.85	0.0304	6210	0	0	0	0	0	0	0
04/15/02	51.54	0	3333.25	3281.71	3281.71	0.0344	8830	0	0	0	0	0	0	0
09/13/02	51.51	0	3333.25	3281.74	3281.74	0.0213	17300	0	0.144	0	0	0	0	0
04/24/03	51.23	0	3333.25	3282.02	3282.02	0.0090	10300	0	0.156	0.01	0	0	0	0
10/23/03	51.34	0	3333.25	3281.91	3281.91	0.0063	4720	0	0.0732	0	0	0	0	0
MW-5	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	52.1	0	3333.85	3281.75	3281.75	1.7	1500	0	0	0	0	0	0	0
12/07/98	52.62	2.68	3333.85	3281.23	3278.55	-	-	-	-	-	-	-	-	-
08/23/00	52.71	5.78	3333.85	3281.14	3275.36	-	-	-	-	-	-	-	-	-
03/22/01	52	0.06	3333.85	3281.85	3281.79	-	-	-	-	-	-	-	-	-
<i>Installed Ferret pump (8/01)</i>														
10/16/01	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/15/02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/13/02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/03/03	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/20/03	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	50.60	0	3332.33	3281.73	3281.73	0.002	3000	-	0.2	0	0	0	0	0
12/07/98	50.95	0	3332.33	3281.38	3281.38	-	-	-	-	-	-	-	-	-
08/23/00	50.60	0	3332.33	3281.73	3281.73	0.012	33000	-	0	0	0	0	0	0
03/22/01	50.45	0	3332.33	3281.88	3281.88	0	3500	-	0	0	0	0	0	0
10/16/01	49.80	0	3332.33	3282.53	3282.53	0.036	6190	-	0.047	0	0	0	0	0
04/15/02	51.07	0	3332.33	3281.26	3281.26	0.143	22700	-	0	0	0	0	0	0
09/13/02	50.77	0	3332.33	3281.56	3281.56	0.0066	11010	-	0.152	0	0	0	0	0
04/24/03	50.61	0	3332.33	3281.72	3281.72	0.001	4260	0	0.148	0	0	0	0	0
10/23/03	50.94	0	3332.33	3281.39	3281.39	0	6020	0	0.092	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-7	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	48.45	0	3330.43	3281.98	3281.98	0.002	330	0	0	0	0	0	0	0
12/07/98	49.01	0	3330.43	3281.42	3281.42	-	-	-	-	-	-	-	-	-
08/23/00	48.84	0	3330.43	3281.59	3281.59	0	380	0	0.10	0	0	0	0	0
03/22/01	48.32	0	3330.43	3282.11	3282.11	0	250	0	0.804	0	0	0	0	0
10/16/01	47.74	0	3330.43	3282.69	3282.69	0	390	0	1.01	0	0	0	0	0
04/15/02	49.00	0	3330.43	3281.43	3281.43	0	7880	0	0	0	0	0	0	0
09/13/02	48.26	0	3330.43	3282.17	3282.17	0.0067	719	0	1.04	0	0	0	0	0
04/24/03	48.62	0	3330.43	3281.81	3281.81	0	139	0	1.80	0	0	0	0	0
10/24/03	49.04	0	3330.43	3281.39	3281.39	0	119	0	1.64	0	0	0	0	0
MW-8	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	49.20	0	3330.59	3281.39	3281.39	0.003	1900	0	0	0	0	1.5	0	0
12/07/98	49.70	0	3330.59	3280.89	3280.89	-	-	-	-	-	-	-	-	-
08/23/00	48.99	0	3330.59	3281.60	3281.60	0.002	430	0	0	0	0	0	0	0
03/22/01	49.35	0	3330.59	3281.24	3281.24	0	560	0	0	0	0	0	0	0
10/16/01	48.31	0	3330.59	3282.28	3282.28	0.006	844	0	0.118	0	0	0	0	0
04/15/02	49.72	0	3330.59	3280.87	3280.87	0	949	0	0.103	0	0	0	0	0
09/13/02	49.57	0	3330.59	3281.02	3281.02	0	1790	0	0.187	0	0	0	0	0
04/22/03	49.54	0	3330.59	3281.05	3281.05	0	834	0.022	0.135	0	0	0	0	0
10/21/03	49.81	0	3330.59	3280.78	3280.78	0	920	0	0.105	0	0	0	0	0
MW-9	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	53.93	0	3334.73	3280.80	3280.80	7.9	340	0	2.7	0	0	0	0	0
12/07/98	54.12	0	3334.73	3280.61	3280.61	-	-	-	-	-	-	-	-	-
08/23/00	53.27	0	3334.73	3281.46	3281.46	5.28	460	0	11	0	0	0	0	0
03/22/01	53.91	0	3334.73	3280.82	3280.82	9	420	0	13.3	0	0	0	0	0.025
10/16/01	52.68	0	3334.73	3282.05	3282.05	6.03	408	0	14.5	0	0	0	0	0
04/15/02	54.04	0	3334.73	3280.69	3280.69	7.59	384	0	13.7	0	0	0	0	0
09/13/02	54.06	0	3334.73	3280.67	3280.67	6.72	443	0	14.5	0	0	0	0	0
04/30/03	54.03	0	3334.73	3280.70	3280.70	6.41	415	0	13.9	0	0	0	0	0
10/28/03	54.11	0	3334.73	3280.62	3280.62	8.51	357	0	12.6	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-10	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	52.99	0	3334.64	3281.65	3281.65	4.1	530	0	0.5	0	0	0	0	0
12/07/98	53.16	0	3334.64	3281.48	3281.48	-	-	-	-	-	-	-	-	-
08/23/00	52.85	0	3334.64	3281.79	3281.79	10.7	360	0.3	7.5	0	0	0	0	0
03/22/01	52.87	0	3334.64	3281.77	3281.77	9.22	360	0.0271	5.86	0	0	0	0	0
10/16/01	51.71	0	3334.64	3282.93	3282.93	11	339	0	5.81	0	0	0	0	0
04/15/02	52.92	0	3334.64	3281.72	3281.72	15.8	357	0	5.7	0	0	0	0	0
09/13/02	52.82	0	3334.64	3281.82	3281.82	52.4	382	0	4.34	0	0	0	0	0
04/28/03	52.79	0	3334.64	3281.85	3281.85	32.7	451	0	7.56	0	0	0	0	0
10/27/03	52.87	0	3334.64	3281.77	3281.77	41.6	469	0	5.51	0	0	0	0	0
MW-11	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	53.12	0	3334.86	3281.74	3281.74	30.0	750	0	1.5	0	0	0	0	0
12/07/98	53.32	0	3334.86	3281.54	3281.54	-	-	-	-	-	-	-	-	-
08/23/00	52.98	0	3334.86	3281.88	3281.88	35.6	1100	0.100	11	0	0	0	0	0
03/22/01	53.00	0	3334.86	3281.86	3281.86	46.6	939	0.0508	14.2	0	0	0	0	0
10/16/01	52.89	0	3334.86	3281.97	3281.97	44.0	339	0.075	6.96	0	0	0	0	0
04/15/02	53.08	0	3334.86	3281.78	3281.78	39.6	848	4.36	0.692	0	0	0	0	0
09/13/02	53.02	0	3334.86	3281.84	3281.84	41.9	812	0.080	5.13	0	0	0	0	0
04/28/03	52.88	0	3334.86	3281.98	3281.98	25.9	710	0.000	2.30	0	0	0	0	0
10/27/03	52.98	0	3334.86	3281.88	3281.88	43.1	532	0.000	1.66	0	0	0	0	0
MW-12	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
05/28/97	52.02	0	3333.88	3281.86	3281.86	13.3	1300	0	0	0	0	0	0	0
12/07/98	52.26	0	3333.88	3281.62	3281.62	-	-	-	-	-	-	-	-	-
08/23/00	51.86	0	3333.88	3282.02	3282.02	91.5	1500	0.47	2.6	0	0	0	0	0
03/22/01	51.88	0	3333.88	3282.00	3282.00	95.7	1900	0.464	1.42	0	0	0	0	0
10/16/01	51.86	0	3333.88	3282.02	3282.02	6.71	1590	0.413	2.12	0	0	0	0	0
04/15/02	52.12	0	3333.88	3281.76	3281.76	71.7	1350	0.587	1.97	0	0	0	0	0
09/13/02	52.04	0	3333.88	3281.84	3281.84	70.2	1510	0.534	1.12	0	0	0	0	0
04/30/03	51.88	0	3333.88	3282.00	3282.00	52.4	2070	0	2.77	0	0	0	0	0
10/28/03	52.08	0	3333.88	3281.80	3281.80	50.2	2260	0.298	1.53	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTExACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-13	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/98	56.84	0	3336.15	3279.31	3279.31	0	430	0	1.30	0	0	0	0	0
08/23/00	56.72	0	3336.15	3279.43	3279.43	0.085	390	0	1.40	0	0	0	0	0
03/22/01	56.68	0	3336.15	3279.47	3279.47	0	390	0	2.34	0	0	0	0	0
10/16/01	55.60	0	3336.15	3280.55	3280.55	0.69	355	0	2.18	0	0	0	0	0
04/15/02	56.77	0	3336.15	3279.38	3279.38	0.0151	375	0	2.70	0	0	0	0	0
09/13/02	56.79	0	3336.15	3279.36	3279.36	0.0254	328	0	2.29	0	0	0	0	0
04/21/03	56.77	0	3336.15	3279.38	3279.38	0	382	0	1.53	0	0	0	0	0
10/21/03	56.81	0	3336.15	3279.34	3279.34	0.0108	395	0	1.78	0	0	0	0	0
MW-14	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/98	53.1	0	3333.04	3279.94	3279.94	0	420	0	0	0	0	0	0	0
08/23/00	52.5	0	3333.04	3280.54	3280.54	0	300	0	0	0	0	0	0	0
03/22/01	52.86	0	3333.04	3280.18	3280.18	0	310	0	0	0	0	0	0	0
10/16/01	51.13	0	3333.04	3281.91	3281.91	0	303	0	0.0672	0	0	0	0	0
04/15/02	53.03	0	3333.04	3280.01	3280.01	0.011	318	0	0	0	0	0	0	0
09/13/02	53.04	0	3333.04	3280.00	3280.00	0	319	0	0.131	0	0	0	0	0
04/21/03	53.03	0	3333.04	3280.01	3280.01	0	379	0	0.089	0	0	0	0	0
10/21/03	53.12	0	3333.04	3279.92	3279.92	0	348	0	0.099	0	0	0	0	0
MW-15	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/98	48.07	0	3328.98	3280.91	3280.91	0.008	2300	0	0	0	0	0	0	0
08/23/00	48.26	0	3328.98	3280.72	3280.72	0.004	2600	0	0	0	0	0	0	0
03/22/01	47.78	0	3328.98	3281.20	3281.20	0.002	2700	0	0	0	0	0	0	0
10/16/01	47.15	0	3328.98	3281.83	3281.83	0.03	2590	0	0.0351	0	0	0	0	0
04/15/02	48.28	0	3328.98	3280.70	3280.70	0.0052	2500	0	0	0	0	0	0	0
09/13/02	48.18	0	3328.98	3280.80	3280.80	0.0054	2310	0	0.105	0	0	0	0	0
04/21/03	47.92	0	3328.98	3281.06	3281.06	0.0013	2260	0	0.079	0	0	0	0	0
10/21/03	48.3	0	3328.98	3280.68	3280.68	0	2990	0	0.099	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
 CHEVRONTEXACO - Eunice #1 (South) Gas Plant
 Lea County, New Mexico

MW-16	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/98	49.09	0	3330.2	3281.11	3281.11	0	2000	0	0	0	0	0	0	0
08/23/00	49.25	0	3330.2	3280.95	3280.95	0	1900	0	0	0.16	0	0	0	0
03/22/01	48.87	0	3330.2	3281.33	3281.33	0	1900	0	0	0.168	0	0	0	0
10/16/01	47.1	0	3330.2	3283.10	3283.10	0	1890	0	0.0327	0.183	0.00038	0	0.0116	0
04/15/02	49.25	0	3330.2	3280.95	3280.95	0.0052	1930	0	0	0.172	0	0	0	0
09/13/02	49.22	0	3330.2	3280.98	3280.98	0	1840	0	0.113	0.185	0	0	0	0
04/21/03	48.95	0	3330.2	3281.25	3281.25	0	1870	0	0.065	0.179	0	0	0	0
10/20/03	49.17	0	3330.2	3281.03	3281.03	0	1850	0	0.086	0.187	0	0	0	0
MW-17	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/98	52.84	0	3334.32	3281.48	3281.48	0	6000	0	0	0	0	0	0	0
08/23/00	52.86	0	3334.32	3281.46	3281.46	0	5700	0	0	0	0	0	0	0
03/22/01	52.53	0	3334.32	3281.79	3281.79	0	5700	0	0	0.0109	0	0	0	0
10/16/01	51.62	0	3334.32	3282.70	3282.70	0.008	4960	0	0.0175	0	0	0	0.0164	0
04/15/02	52.74	0	3334.32	3281.58	3281.58	0	5050	0	0	0	0	0	0	0
09/13/02	52.71	0	3334.32	3281.61	3281.61	0	5750	0	0.105	0	0	0	0	0
04/22/03	52.44	0	3334.32	3281.88	3281.88	0	5240	0	0.070	0	0	0	0	0
10/22/03	52.52	0	3334.32	3281.80	3281.80	0	7510	0	0.068	0	0	0	0	0
MW-18	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/98	54.33	0	3336.1	3281.77	3281.77	0	5700	0	0	0	0	0	0	0
08/23/00	54.21	0	3336.1	3281.89	3281.89	0	5000	0	0	0	0	0	0	0
03/22/01	53.96	0	3336.1	3282.14	3282.14	0.036	4500	0	0	0	0	0	0	0
10/16/01	52.92	0	3336.1	3283.18	3283.18	0.007	3490	0	0.0807	0	0	0	0	0
04/15/02	54.01	0	3336.1	3282.09	3282.09	0	3280	0	0	0	0	0	0	0
09/13/02	53.98	0	3336.1	3282.12	3282.12	0	4920	0	0.163	0	0	0	0	0
04/22/03	53.74	0	3336.1	3282.36	3282.36	0.001	2960	0	0.185	0	0	0	0	0
10/22/03	53.75	0	3336.1	3282.35	3282.35	0	2910	0	0.148	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-19	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/23/00	52.44	0	3334.21	3281.77	3281.77	0.94	3000	0.2	1.8	0	0	0	0	0
03/22/01	52.26	0	3334.21	3281.95	3281.95	0.973	3100	0	1.01	0	0	0	0	0
10/16/01	51.42	0	3334.21	3282.79	3282.79	0.85	2790	0	0.815	0	0	0	0	0
04/15/02	52.64	0	3334.21	3281.57	3281.57	0.71	2690	0	0.737	0	0	0	0	0
09/13/02	52.50	0	3334.21	3281.71	3281.71	0.437	3010	0	0.942	0	0	0	0	0
04/22/03	52.29	0	3334.21	3281.92	3281.92	0.467	2310	0	0.918	0	0	0	0	0
10/22/03	52.57	0	3334.21	3281.64	3281.64	0.552	1870	0	0.751	0	0	0	0	0
MW-20	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/23/00	52.65	2.65	3334.06	3281.41	3278.76	-	-	-	-	-	-	-	-	-
03/22/01	52.2	0.04	3334.06	3281.86	3281.82	-	-	-	-	-	-	-	-	-
<i>Installed Ferret pump (8/01)</i>														
10/16/01	-	-	3334.06	-	-	-	-	-	-	-	-	-	-	-
04/15/02	-	-	3334.06	-	-	-	-	-	-	-	-	-	-	-
09/13/02	-	-	3334.06	-	-	-	-	-	-	-	-	-	-	-
04/21/03	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10/20/03	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-21	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/23/00	51.37	0.01	3333.02	3281.65	3281.64	-	-	-	-	-	-	-	-	-
03/22/01	51.14	0	3333.02	3281.88	3281.88	-	-	-	-	-	-	-	-	-
10/16/01	51.38	0.04	3333.02	3281.64	3281.60	-	-	-	-	-	-	-	-	-
04/15/02	51.65	trace	3333.02	3281.37	-	-	-	-	-	-	-	-	-	-
09/13/02	51.36	trace	3333.02	3281.66	-	-	-	-	-	-	-	-	-	-
04/21/03	51.36	trace	3333.02	3281.66	-	-	-	-	-	-	-	-	-	-
10/20/03	51.56	trace	3333.02	3281.46	-	-	-	-	-	-	-	-	-	-

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-22	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/23/00	52.66	0	3334.87	3282.21	3282.21	0.403	-	-	-	-	-	-	-	-
03/22/01	52.97	0	3334.87	3281.90	3281.90	0.793	24000	0	0.338	0	0	0	0	0
10/16/01	52.38	0	3334.87	3282.49	3282.49	1.110	17000	0	0.548	0	0	0	0	0
04/15/02	53.60	0	3334.87	3281.27	3281.27	0.971	48800	0	0	0	0	0	0	0
09/13/02	53.27	0	3334.87	3281.60	3281.60	0.730	44200	0	0.146	0	0	0	0	0
04/28/03	53.16	0	3334.87	3281.71	3281.71	1.100	16200	0	0.886	0	0	0	0	0
10/24/03	53.47	0	3334.87	3281.40	3281.40	0.986	38800	0	0.495	0	0	0	0	0
MW-23	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/23/00	52.70	0	3334.45	3281.75	3281.75	0.006	-	-	-	-	-	-	-	-
03/22/01	52.70	0	3334.45	3281.75	3281.75	0.029	15000	0	0	0	0	0	0	0
10/16/01	51.92	0	3334.45	3282.53	3282.53	0.012	16100	0	0.0449	0	0	0	0.0199	0
04/15/02	53.08	0	3334.45	3281.37	3281.37	0.0098	20300	0	0	0	0	0	0	0
09/13/02	52.98	0	3334.45	3281.47	3281.47	0	17400	0	0	0	0	0	0	0
04/23/03	52.7	0	3334.45	3281.75	3281.75	0	13100	0	0.166	0	0	0	0	0
10/24/03	52.9	0	3334.45	3281.55	3281.55	0.0173	17200	0	0.22	0	0	0	0	0
MW-24	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	52.11	0	3335.22	3283.11	3283.11	32.9	102	0.0016	2.19	0	0	0	0	0
04/15/02	53.29	0	3335.22	3281.93	3281.93	32.4	92.7	0	5.42	0	0	0	0	0
09/13/02	53.26	0	3335.22	3281.96	3281.96	39.7	99.4	0	5.74	0	0	0	0	0
04/28/03	53.12	0	3335.22	3282.10	3282.10	37.7	101	0	3.66	0	0	0	0	0
10/27/03	53.17	0	3335.22	3282.05	3282.05	26.6	133	0	3.79	0	0	0	0	0
MW-25	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	51.46	0	3334.55	3283.09	3283.09	2.87	1510	0	0.407	0	0	0	0	0
04/15/02	52.68	0	3334.55	3281.87	3281.87	2.43	2340	0	0.161	0	0	0	0	0
09/13/02	52.60	0	3334.55	3281.95	3281.95	2.61	2040	0	0.167	0	0	0	0	0
04/28/03	52.41	0	3334.55	3282.14	3282.14	4.49	2350	0	0.328	0	0	0	0	0
10/27/03	52.59	0	3334.55	3281.96	3281.96	2.72	1540	0	0.15	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MW-26	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	50.15	0	3333.16	3283.01	3283.01	7.69	661	0.0259	0.95	0	0	0	0	0
04/15/02	51.47	0	3333.16	3281.69	3281.69	6.76	751	0	3.92	0	0.00048	0	0	0
09/13/02	51.45	0	3333.16	3281.71	3281.71	7.72	667	0	5.00	0.02	0	0	0	0
04/30/03	51.32	0	3333.16	3281.84	3281.84	7.99	688	0	5.26	0	0	0	0	0
10/27/03	51.44	0	3333.16	3281.72	3281.72	5.78	801	0	4.13	0	0	0	0	0
MW-27	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	50.13	0	3333.18	3283.05	3283.05	7.59	1250	0.129	0.14	0	0	0	0	0
04/15/02	51.43	0	3333.18	3281.75	3281.75	12.8	1050	0.174	0.161	0	0.00042	0	0	0
09/13/02	51.38	0	3333.18	3281.80	3281.80	13.0	818	0.215	0.226	0	0.00033	0	0	0
04/30/03	51.24	0	3333.18	3281.94	3281.94	21.2	815	0	0.131	0	0.00058	0	0	0
10/27/03	51.37	0	3333.18	3281.81	3281.81	11.2	1270	0.105	0.147	0	0.00044	0	0	0
MW-28	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	50.01	0	3333.04	3283.03	3283.03	15.5	1130	0.2	0.294	0	0	0	0	0
04/15/02	51.35	0	3333.04	3281.69	3281.69	24.8	1340	0.214	0.25	0	0.00047	0	0	0
09/13/02	51.82	0	3333.04	3281.22	3281.22	37.0	1420	0.240	0.309	0	0	0	0	0
04/21/03	51.49	0.46	3333.04	3281.55	3281.09	-	-	-	-	-	-	-	-	-
10/20/03	51.73	0.05	3333.04	3281.31	3281.26	-	-	-	-	-	-	-	-	-

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

TMW-1	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/95	56.32	0	3337.70	3281.38	3281.38	0	650	0.0223	0.346	0	0	0	0.014	0
06/06/96	55.70	0	3337.70	3282.00	3282.00	0.0038	649	0.3243	0.0519	0	0	0	0	0
06/02/97	55.72	0	3337.70	3281.98	3281.98	0.009	460	0	0	0	0	0	0	0
08/23/00	55.62	0	3337.70	3282.08	3282.08	0	430	0	0.58	0	0	0	0	0
03/22/01	55.49	0	3337.70	3282.21	3282.21	0.012	380	0	0.645	0	0	0	0	0
10/16/01	54.01	0	3337.70	3283.69	3283.69	0.0204	324	0.0282	0.626	0	0	0	0	0
04/15/02	55.53	0	3337.70	3282.17	3282.17	0.0177	411	0	0.624	0	0	0	0	0
09/13/02	55.46	0	3337.70	3282.24	3282.24	0.0367	916	0.0562	0.998	0	0	0	0	0
04/22/03	55.28	0	3337.70	3282.42	3282.42	0.0132	378	0	0.918	0	0	0	0	0
10/22/03	55.33	0	3337.70	3282.37	3282.37	0	397	0	1.01	0	0	0	0	0
TMW-2	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/95	56.71	0	3338.3	3281.59		0.0589	545	0.0268	0.807	0	0	0	0.009	0.01
06/06/96	56.34	0	3338.3	3281.96		1.07	1020	0.031	2.08	0	0	0	0	0
06/02/97	56.35	0	3338.3	3281.95		2.7	730	0	3.0	0	0	0	0	0
08/23/00	56.26	0.01	3338.3	3282.04	3282.03	-	-	-	-	-	-	-	-	-
03/22/01	56.13	0	3338.3	3282.17		1.87	660	0	4.66	0	0	0	0	0
10/16/01	56.02	0	3338.3	3282.28		1.82	720	0.0231	5.76	0.0155	0	0	0	0
04/15/02	56.27	trace	3338.3	3282.03		-	-	-	-	-	-	-	-	-
09/13/02	56.13	0.01	3338.3	3282.17	3282.16	-	-	-	-	-	-	-	-	-
04/21/03	55.96	trace	3338.3	3282.34		-	-	-	-	-	-	-	-	-
10/20/03	56.03	0.02	3338.3	3282.27	3282.25	-	-	-	-	-	-	-	-	-
TMW-3	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/95	55.95	0	3336.67	3280.72	3280.72	0.048	685	0.0293	1.14	0.0251	0.0002	0	0.016	0
06/06/96	54.71	0	3336.67	3281.96	3281.96	0.861	1490	0.0464	1.77	0.0213	0	0	0	0
06/02/97	54.74	0	3336.67	3281.93	3281.93	0.428	870	0	1.0	0	0	0	0	0
08/23/00	54.65	0	3336.67	3282.02	3282.02	1.02	680	0	2.6	0	0	0	0	0
03/22/01	54.46	0	3336.67	3282.21	3282.21	1.06	900	0	2.13	0	0	0	0	0
10/16/01	53.3	0	3336.67	3283.37	3283.37	1.18	741	0.0167	2.46	0	0	0	0	0
04/15/02	54.61	0	3336.67	3282.06	3282.06	0.353	897	0	1.84	0	0	0	0	0
09/13/02	54.55	0	3336.67	3282.12	3282.12	0.0417	1400	0.0555	1.33	0	0	0	0	0
04/28/03	54.35	0	3336.67	3282.32	3282.32	0.328	897	0	3.31	0	0	0	0	0
10/27/03	54.45	0	3336.67	3282.22	3282.22	0.0189	630	0.031	2.83	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

TMW-5	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/95	51.71	0	3335.66	3283.95		0.106	1800	0.0783	0.456	0	0	0	0	0
06/06/96	53.70	0	3335.66	3281.96		0.388	3250	0.0716	1.04	0	0	0	0	0
06/02/97	53.77	0	3335.66	3281.89		0.48	4300	0	0.9	0	0	0	0	0
08/23/00	53.78	0	3335.66	3281.88		0.675	3600	0.05	1.1	0	0	0	0	0
03/22/01	53.59	trace	3335.66	3282.07		-	-	-	-	-	-	-	-	-
10/16/01	53.67	trace	3335.66	3281.99		-	-	-	-	-	-	-	-	-
04/15/02	53.83	trace	3335.66	3281.83		-	-	-	-	-	-	-	-	-
09/13/02	53.78	0.01	3335.66	3281.88	3281.87	-	-	-	-	-	-	-	-	-
04/21/03	53.51	0.01	3335.66	3282.15	3282.14	-	-	-	-	-	-	-	-	-
10/20/03	53.67	0.01	3335.66	3281.99	3281.98	-	-	-	-	-	-	-	-	-
TMW-6	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/95	55.62	0.00	3335.36	3279.74	3279.74	0.015	700	0.323	1.36	0.0316	0	0	0.003	0
06/06/96	53.41	0	3335.36	3281.95	3281.95	1.11	788	0.0693	1.72	0	0	0	0	0
06/02/97	53.40	0	3335.36	3281.96	3281.96	2.10	730	0	1.3	0	0	0	0	0
08/23/00	53.33	0	3335.36	3282.03	3282.03	4.68	380	0.13	2.6	0	0	0	0	0
03/22/01	53.15	0	3335.36	3282.21	3282.21	5.93	400	0.143	1.9	0	0	0	0	0
10/16/01	52.14	0	3335.36	3283.22	3283.22	4.76	319	0.131	1.98	0	0	0	0	0
04/15/02	53.27	trace	3335.36	3282.09	3282.09	3.73	503	0.123	1.61	0	0	0	0	0
09/13/02	53.21	0	3335.36	3282.15	3282.15	3.62	821	0.126	1.40	0	0	0	0	0
04/28/03	53.02	0	3335.36	3282.34	3282.34	3.63	311	0.124	2.51	0	0	0	0	0
10/27/03	53.08	0	3335.36	3282.28	3282.28	3.88	567	0.173	1.53	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

RW-1	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
12/07/98	53.66	0	3335.19	3281.53	-	-	-	-	-	-	-	-	-	-
08/23/00	53.20	0	3335.19	3281.99	-	-	-	-	-	-	-	-	-	-
03/22/01	53.17	0.01	3335.19	3282.02	3282.01	-	-	-	-	-	-	-	-	-
10/16/01	53.04	0.04	3335.19	3282.15	3282.11	-	-	-	-	-	-	-	-	-
04/15/02	53.22	0.06	3335.19	3281.97	3281.91	-	675	0	2.66	0	0	0	0	0
09/13/02	53.2	0.05	3335.19	3281.99	3281.94	-	-	-	-	-	-	-	-	-
04/21/03	53.08	0.07	3335.19	3282.11	3282.04	-	-	-	-	-	-	-	-	-
10/20/03	53.18	0.1	3335.19	3282.01	3281.91	-	-	-	-	-	-	-	-	-
RW-2	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	55.95	0	3337.84	3281.89	-	-	-	-	-	-	-	-	-	-
04/15/02	56.11	0	3337.84	3281.73	-	-	-	-	-	-	-	-	-	-
09/13/02	57.57	1.83	3337.84	3280.27	3278.44	-	-	-	-	-	-	-	-	-
04/21/03	57.60	2.04	3337.84	3280.24	3278.20	-	-	-	-	-	-	-	-	-
10/20/03	57.71	2.09	3337.84	3280.13	3278.04	-	-	-	-	-	-	-	-	-
RW-3	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	56.84	0.97	3338.06	3281.22	3280.25	-	-	-	-	-	-	-	-	-
04/15/02	57.92	2.04	3338.06	3280.14	3278.10	-	-	-	-	-	-	-	-	-
09/13/02	58.7	3.08	3338.06	3279.36	3276.28	-	-	-	-	-	-	-	-	-
04/21/03	58.55	3.07	3338.06	3279.51	3276.44	-	-	-	-	-	-	-	-	-
10/20/03	58.66	3.09	3338.06	3279.40	3276.31	-	-	-	-	-	-	-	-	-
RW-4	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	54.56	0	3336.1	3281.54	3281.54	-	-	-	-	-	-	-	-	-
04/15/02	54.83	0	3336.1	3281.27	3281.27	-	-	-	-	-	-	-	-	-
09/13/02	54.73	trace	3336.1	3281.37	-	-	-	-	-	-	-	-	-	-
04/21/03	54.55	0	3336.1	3281.55	3281.55	-	-	-	-	-	-	-	-	-
10/20/03	54.76	0	3336.1	3281.34	3281.34	-	-	-	-	-	-	-	-	-
RW-5	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
10/16/01	58.8	3.53	3337.98	3279.18	3275.65	-	-	-	-	-	-	-	-	-
04/15/02	59.55	4.14	3337.98	3278.43	3274.29	-	-	-	-	-	-	-	-	-
09/13/02	59.61	4.28	3337.98	3278.37	3274.09	-	-	-	-	-	-	-	-	-
04/21/03	59.21	3.95	3337.98	3278.77	3274.82	-	-	-	-	-	-	-	-	-
10/20/03	59.4	4.05	3337.98	3278.58	3274.53	-	-	-	-	-	-	-	-	-

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MWD-1	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/29/01	-	0	3335.26	-	-	-	19900	0	0	0	0	0	0	0
10/16/01	52.44	0	3335.26	3282.82	3282.82	0.006	5790	0	0.0681	0	0	0	0.022	0
04/15/02	53.56	0	3335.26	3281.70	3281.70	0.0025	16100	0	0	0	0	0	0	0
09/13/02	53.53	0	3335.26	3281.73	3281.73	0	17800	0	0	0	0	0	0	0
04/23/03	53.26	0	3335.26	3282.00	3282.00	0.0011	17300	0	0.141	0.01	0	0	0	0
10/23/03	53.34	0	3335.26	3281.92	3281.92	0	14700	0	0.113	0	0	0	0	0
MWD-2	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/29/01	-	0	3336.32	-	-	-	25900	0	0	0	0	0	0	0
10/16/01	53.33	0	3336.32	3282.99	3282.99	0.0076	3290	0	0	0	0	0	0	0
04/15/02	54.47	0	3336.32	3281.85	3281.85	0.0012	22300	0	0	0	0	0	0	0
09/13/02	54.43	0	3336.32	3281.89	3281.89	0	22800	0	0.101	0	0	0	0	0
04/24/03	54.15	0	3336.32	3282.17	3282.17	0.0045	22100	0	0.206	0.01	0	0	0	0
10/23/03	54.25	0	3336.32	3282.07	3282.07	0	19800	0	0.164	0	0	0	0	0
MWD-3	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/29/01	-	0	3335.06	-	-	-	55900	0	0	0	0	0	0	0
10/16/01	52.68	0	3335.06	3282.38	3282.38	0.329	12200	0.0169	0.226	0	0	0	0	0
04/15/02	53.74	0	3335.06	3281.32	3281.32	0.785	47600	0	0	0	0	0	0	0
09/13/02	53.40	0	3335.06	3281.66	3281.66	0.656	46600	0	0.122	0	0	0	0	0
04/28/03	53.30	0	3335.06	3281.76	3281.76	0.928	47600	0	0.333	0	0	0	0	0
10/28/03	53.66	0	3335.06	3281.40	3281.40	0.78	58300	0	0.072	0	0	0	0	0
MWD-4	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/29/01	-	0	3330.86	3282.66	3282.66	-	921	0	0	0	0	0	0	0
10/16/01	48.2	0	3330.86	3281.37	3281.37	0	333	0	0	0	0	0	0	0
04/15/02	49.49	0	3330.86	3282.06	3282.06	0.0048	688	0	0.430	0	0	0.0125	0	0
09/13/02	48.80	0	3330.86	3281.74	3281.74	0	516	0	0.722	0	0	0	0	0
04/24/03	49.12	0	3330.86	3281.74	3281.74	0	521	0	0.973	0	0	0	0	0
10/24/03	49.51	0	3330.86	3281.35	3281.35	0	640	0	1.05	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MWD-5	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/29/01	-	0	3334.01	-	-	-	1280	0	0	0	0	0	0	0
10/16/01	51.08	0	3334.01	3282.93	3282.93	5.85	515	0.0113	4.44	0	0	0	0.155	0
04/15/02	52.68	0	3334.01	3281.33	3281.33	8.83	1140	0.104	0	0	0	0	0	0
09/13/02	52.62	trace	3334.01	3281.39	3281.39	-	-	-	-	-	-	-	-	-
04/30/03	52.59	trace	3334.01	3281.42	3281.42	9.58	1290	0.051	5.91	0	0.00027	0	0	0
10/28/03	52.78	0.02	3334.01	3281.23	3281.42	8.01	1120	0.079	4.54	0	0.00037	0	0	0
MWD-6	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
08/29/01	-	0	3335.08	-	-	-	794	0	0	0	0	0	0	0
10/16/01	52.69	0	3335.08	3282.39	3282.39	0.761	403	0	0.961	0	0	0	0.0119	0
04/15/02	54.08	0	3335.08	3281.00	3281.00	0.143	758	0	0	0	0	0	0	0
09/13/02	54.03	0	3335.08	3281.05	3281.05	0.120	798	0	3.17	0	0	0	0	0
04/23/03	54.04	0	3335.08	3281.04	3281.04	0.181	895	0	3.72	0	0	0	0	0
10/23/03	54.13	0	3335.08	3280.95	3280.95	0.139	879	0	1.58	0	0	0	0	0
MWD-7	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	51.71	0	3332.82	3281.11	3281.11	0	936	0	0.608	0	0	0	0	0
09/13/02	51.69	0	3332.82	3281.13	3281.13	0	7620	0	0.106	0	0	0	0	0
04/22/03	51.42	0	3332.82	3281.40	3281.40	0	9840	0	0.074	0	0	0	0	0
10/22/03	51.52	0	3332.82	3281.30	3281.30	0	7400	0	0.052	0	0	0	0	0
MWD-8	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	54.22	0	3335.97	3281.75	3281.75	0	12800	0	0.117	0.0114	0	0	0	0
09/13/02	54.19	0	3335.97	3281.78	3281.78	0	12600	0	0.142	0.0136	0	0	0	0
04/23/03	53.96	0	3335.97	3282.01	3282.01	0.0017	14300	0	0.272	0.013	0	0	0	0
10/23/03	53.98	0	3335.97	3281.99	3281.99	0	11800	0	0.168	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

MWD-9	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	52.46	0	3333.45	3280.99	3280.99	0.0131	23400	0	0	0	0	0	0	0
09/13/02	52.33	0	3333.45	3281.12	3281.12	0	22800	0	0	0	0	0	0	0
04/25/03	52.08	0	3333.45	3281.37	3281.37	0.0577	23500	0	0.178	0	0	0	0	0
10/28/03	52.31	0	3333.45	3281.14	3281.14	0	29200	0	0.05	0	0	0	0	0
MWD-10	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	53.52	0	3334.92	3281.40	3281.40	0.369	7210	0.0558	0.436	0	0	0	0	0
09/13/02	53.44	0	3334.92	3281.48	3281.48	0.441	7800	0.0649	0.678	0	0	0	0	0
04/23/03	53.17	0	3334.92	3281.75	3281.75	0.637	8250	0	1.38	0	0	0	0	0
10/24/03	53.34	0	3334.92	3281.58	3281.58	0.667	9170	0	1.3	0	0	0	0	0
MWD-11	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	56.39	0	3338.24	3281.85	3281.85	0	2580	0	0	0	0	0	0	0
09/13/02	56.33	0	3338.24	3281.91	3281.91	0	2700	0	0	0	0	0	0	0
04/22/03	56.14	0	3338.24	3282.10	3282.10	0	2760	0	0.133	0	0	0	0	0
10/21/03	56.15	0	3338.24	3282.09	3282.09	0	2050	0	0.104	0	0	0	0	0
MWD-12	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	53.13	0	3334.08	3280.95	3280.95	0.507	5130	0	0.478	0	0	0	0	0
09/13/02	52.94	0	3334.08	3281.14	3281.14	0.973	5300	0.0602	0.963	0	0	0	0	0
04/24/03	52.80	0	3334.08	3281.28	3281.28	1.05	5760	0	1.35	0	0	0	0	0
10/23/03	53.00	0	3334.08	3281.08	3281.08	0.930	4750	0	0.897	0	0	0	0	0
MWD-13	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	51.24	0	3332.11	3280.87	3280.87	0.002	27900	0	0	0	0	0	0	0
09/13/02	50.95	0	3332.11	3281.16	3281.16	0	27100	0	0	0	0	0	0	0
04/24/03	50.80	0	3332.11	3281.31	3281.31	0.0031	29200	0	0.186	0.018	0	0	0	0
10/24/03	51.10	0	3332.11	3281.01	3281.01	0	20900	0	0.181	0	0	0	0	0
MWD-14	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
04/15/02	52.59	0	3333.76	3281.17	3281.17	1.77	20600	0	0.163	0	0	0	0	0
09/13/02	52.44	0	3333.76	3281.32	3281.32	2.02	21300	0	0.243	0	0	0	0	0
04/25/03	52.18	0	3333.76	3281.58	3281.58	2.44	38100	0	0.539	0	0	0	0	0
10/24/03	52.43	0	3333.76	3281.33	3281.33	2.89	18400	0	0.402	0	0	0	0	0

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
 CHEVRONTEXACO - Eunice #1 (South) Gas Plant
 Lea County, New Mexico

WW-1	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	51.7	0	3332.04	3280.34		0.105	-	0	0.97	0	0	0	0	0
05/28/97	50.97	0	3332.04	3281.07		0.107	4500	0	0.6	0	0	1.4	0	0
12/07/98	51.21	0	3332.04	3280.83		-	-	-	-	-	-	-	-	-
08/23/00	49.24	0	3332.04	3282.80		-	3100	0	1.1	0	0	0	0	0
03/22/01	49.95	0	3332.04	3282.09		-	-	-	-	-	-	-	-	-
10/16/01	48.72	0	3332.04	3283.32		-	-	-	-	-	-	-	-	-
04/15/02	50.00	0	3332.04	3282.04		-	-	-	-	-	-	-	-	-
09/13/02	49.99	0	3332.04	3282.05		-	-	-	-	-	-	-	-	-
04/21/03	49.85	0	3332.04	3282.19		-	-	-	-	-	-	-	-	-
10/20/03	49.98	0	3332.04	3282.06		-	-	-	-	-	-	-	-	-
WW-2	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	49.30	0	3331.46	3282.16		0	-	0	0.49	0	0	0	0	0
05/28/97	49.94	0	3331.46	3281.52		0	200	0	0.6	0	0	0	0	0
12/07/98	50.31	0	3331.46	3281.15		-	-	-	-	-	-	-	-	-
08/23/00	48.16	0	3331.46	3283.30		-	-	-	-	-	-	-	-	-
03/22/01	49.66	0	3331.46	3281.80		-	-	-	-	-	-	-	-	-
10/16/01	48.54	0	3331.46	3282.92		-	-	-	-	-	-	-	-	-
04/15/02	50.24	0	3331.46	3281.22		-	-	-	-	-	-	-	-	-
09/13/02	50.21	0	3331.46	3281.25		-	-	-	-	-	-	-	-	-
04/21/03	50.25	0	3331.46	3281.21		-	-	-	-	-	-	-	-	-
10/20/03	50.43	0	3331.46	3281.03		-	-	-	-	-	-	-	-	-
WW-3	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	53.35	0	3334.45	3281.10		0.033	-	0	2	0	0	0	0	0
05/28/97	53.30	0	3334.45	3281.15		0.011	120	0	0.8	0	0	0	0	0
12/07/98	53.44	0	3334.45	3281.01		-	-	-	-	-	-	-	-	-
08/23/00	52.97	0	3334.45	3281.48		-	88	0	1.3	0	0	0	0	0
03/22/01	53.28	0	3334.45	3281.17		-	-	-	-	-	-	-	-	-
10/16/01	52.14	0	3334.45	3282.31		-	-	-	-	-	-	-	-	-
04/15/02	53.33	0	3334.45	3281.12		-	-	-	-	-	-	-	-	-
09/13/02	53.43	0	3334.45	3281.02		-	-	-	-	-	-	-	-	-
04/21/03	53.38	0	3334.45	3281.07		-	-	-	-	-	-	-	-	-
10/20/03	53.41	0	3334.45	3281.04		-	-	-	-	-	-	-	-	-

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

Table 1

Cumulative - Waterlevels, Elevation, BTEX and Total Metals
CHEVRONTEXACO - Eunice #1 (South) Gas Plant
Lea County, New Mexico

WW-4	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	-	0				0	-	0	0	0	0	0	0	0
05/28/97	56.51	0	3335.40	3278.89		0	-	0	0	0	0	0	0	0
12/07/98	56.45	0	3335.40	3278.95		-	-	-	-	-	-	-	-	-
08/23/00	56.46	0	3335.40	3278.94		-	-	-	-	-	-	-	-	-
03/22/01	56.31	0	3335.40	3279.09		-	-	-	-	-	-	-	-	-
10/16/01	55.29	0	3335.40	3280.11		-	-	-	-	-	-	-	-	-
04/15/02	56.40	0	3335.40	3279.00		-	-	-	-	-	-	-	-	-
09/13/02	56.44	0	3335.40	3278.96		-	-	-	-	-	-	-	-	-
4/21/03	56.42	0	3335.4	3278.98		-	-	-	-	-	-	-	-	-
10/20/03	53.43	0	3335.4	3281.97		-	-	-	-	-	-	-	-	-
WW-5	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	-	0				0.018	0	0	0	0	0	0	0	0
05/28/97	53.81	0	3334.18	3280.37		0.009	1200	0	0.3	0	0	0	0	0
12/07/98	53.90	0	3334.18	3280.28		-	-	-	-	-	-	-	-	-
08/23/00	53.54	0	3334.18	3280.64		0	1000	0	2.7	0	0	0	0	0
03/22/01	53.72	0	3334.18	3280.46		-	-	-	-	-	-	-	-	-
10/16/01	52.58	0	3334.18	3281.60		-	-	-	-	-	-	-	-	-
04/15/02	53.83	0	3334.18	3280.35		-	-	-	-	-	-	-	-	-
09/13/02	53.85	0	3334.18	3280.33		-	-	-	-	-	-	-	-	-
04/21/03	53.81	0	3334.18	3280.37		-	-	-	-	-	-	-	-	-
10/20/03	53.88	0	3334.18	3280.30		-	-	-	-	-	-	-	-	-
WW-6	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	-	0	3329.98	-		-	-	-	-	-	-	-	-	-
05/28/97	50.46	0	3329.98	3279.52		0	970	0	0.3	0	0	0	0	0
12/07/98	50.64	0	3329.98	3279.34		-	-	-	-	-	-	-	-	-
08/23/00	50.61	0	3329.98	3279.37		-	-	-	-	-	-	-	-	-
03/22/01	50.51	0	3329.98	3279.47		-	-	-	-	-	-	-	-	-
10/16/01	49.51	0	3329.98	3280.47		-	-	-	-	-	-	-	-	-
04/15/02	50.67	0	3329.98	3279.31		-	-	-	-	-	-	-	-	-
09/13/02	50.66	0	3329.98	3279.32		-	-	-	-	-	-	-	-	-
04/21/03	50.61	0	3329.98	3279.37		-	-	-	-	-	-	-	-	-
10/20/03	50.71	0	3329.98	3279.27		-	-	-	-	-	-	-	-	-
WW-7	Water level	PSH Thickness	TOC Elev.	Water Elev.	Elev prod.	Benzene	Chloride	Arsenic	Barium	Chromium	Mercury	Silver	Selenium	Cadmium
09/10/96	-	0	3332.5	-		0	-	-	-	-	-	-	-	-
05/28/97	51.14	0	3332.5	3281.36		0	490	0	0.30	0	0	0	0	0
12/07/98	51.45	0	3332.5	3281.05		-	-	-	-	-	-	-	-	-
08/23/00	46.61	0	3332.5	3285.89		0	480	0	0.42	0	0	0	0	0
03/22/01	50.98	0	3332.5	3281.52		-	-	-	-	-	-	-	-	-
10/16/01	49.85	0	3332.5	3282.65		-	-	-	-	-	-	-	-	-
04/15/02	51.37	0	3332.5	3281.13		-	-	-	-	-	-	-	-	-
09/13/02	51.39	0	3332.5	3281.11		-	-	-	-	-	-	-	-	-
04/21/03	51.37	0	3332.5	3281.13		-	-	-	-	-	-	-	-	-
10/20/03	51.52	0	3332.5	3280.98		-	-	-	-	-	-	-	-	-

concentrations in mg/l

(-) Not Analyzed

Waterlevels, PSH Thickness and Elevations - (ft)

(0) - BTEX and Total metals are below method detection limit

APPENDIX A

**1st Semi-Annual Sampling
April 2003**

Summary Report

Ike Tavaréz
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: May 9, 2003

Work Order: 3042805

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
6209	MW-3	water	2003-04-22	09:30	2003-04-26
6210	MW-4	water	2003-04-24	10:50	2003-04-26
6211	MW-6	water	2003-04-24	14:20	2003-04-26
6212	MW-7	water	2003-04-24	15:00	2003-04-26
6213	MW-8	water	2003-04-22	11:50	2003-04-26
6214	MW-13	water	2003-04-21	16:20	2003-04-26
6215	MW-14	water	2003-04-21	15:35	2003-04-26
6216	MW-15	water	2003-04-21	14:45	2003-04-26
6217	MW-16	water	2003-04-21	14:05	2003-04-26
6218	MW-17	water	2003-04-22	14:55	2003-04-26
6219	MW-18	water	2003-04-22	15:20	2003-04-26
6220	MW-19	water	2003-04-22	13:45	2003-04-26
6221	MW-23	water	2003-04-23	14:20	2003-04-26
6222	MWD-1	water	2003-04-23	16:00	2003-04-26
6223	MWD-2	water	2003-04-24	11:50	2003-04-26
6224	MWD-4	water	2003-04-24	16:00	2003-04-26
6225	MWD-6	water	2003-04-23	10:35	2003-04-26
6226	MWD-7	water	2003-04-22	16:00	2003-04-26
6227	MWD-8	water	2003-04-23	11:45	2003-04-26
6228	MWD-9	water	2003-04-25	13:30	2003-04-26
6229	MWD-10	water	2003-04-23	13:30	2003-04-26
6230	MWD-11	water	2003-04-22	10:30	2003-04-26
6231	MWD-12	water	2003-04-24	10:00	2003-04-26
6232	MWD-13	water	2003-04-24	13:35	2003-04-26
6233	MWD-14	water	2003-04-25	10:50	2003-04-26
6234	TMW-1	water	2003-04-22	11:10	2003-04-26

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (isomers) (mg/L)
6209 - MW-3	<0.00100	<0.00100	<0.00100	<0.00100
6210 - MW-4	0.00900	<0.00100	<0.00100	<0.00100
6211 - MW-6	0.00100	<0.00100	<0.00100	<0.00100
6212 - MW-7	<0.00100	<0.00100	<0.00100	<0.00100
6213 - MW-8	<0.00100	<0.00100	<0.00100	<0.00100
6214 - MW-13	<0.00500	<0.00500	<0.00500	<0.00500
6215 - MW-14	<0.00100	<0.00100	<0.00100	<0.00100
6216 - MW-15	0.00130	<0.00100	<0.00100	<0.00100

continued ...

... continued

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (isomers) (mg/L)
6217 - MW-16	<0.00100	<0.00100	<0.00100	0.00100
6218 - MW-17	<0.00100	<0.00100	<0.00100	<0.00100
6219 - MW-18	0.00100	<0.00100	<0.00100	<0.00100
6220 - MW-19	0.467	<0.0100	0.0579	0.0629
6221 - MW-23	<0.00100	<0.00100	0.00120	<0.00100
6222 - MWD-1	0.00110	<0.00100	0.00130	<0.00100
6223 - MWD-2	0.00450	<0.00100	<0.00100	<0.00100
6224 - MWD-4	<0.00100	<0.00100	<0.00100	<0.00100
6225 - MWD-6	0.181	<0.00100	0.0505	0.00140
6226 - MWD-7	<0.00500	<0.00500	<0.00500	<0.00500
6227 - MWD-8	0.00170	<0.00100	0.00110	0.00100
6228 - MWD-9	0.0577	0.00960	0.00180	0.00120
6229 - MWD-10	0.637	<0.0100	0.332	0.146
6230 - MWD-11	<0.00100	<0.00100	<0.00100	<0.00100
6231 - MWD-12	1.05	<0.0200	0.0806	0.0311
6232 - MWD-13	0.00310	<0.00100	<0.00100	<0.00100
6233 - MWD-14	2.44	0.220	0.108	0.0597
6234 - TMW-1	0.0132	<0.00100	0.00180	0.00590

Sample: 6209 - MW-3

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.138	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		379	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6210 - MW-4

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.156	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		10300	mg/L	0.500
Total Chromium		0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0720	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6211 - MW-6

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.148	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500

continued ...

sample 6211 continued ...

Param	Flag	Result	Units	RL
Chloride		4260	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0190	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6212 - MW-7

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.80	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		139	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0360	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6213 - MW-8

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.0220	mg/L	0.0100
Total Barium		0.135	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		834	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0200	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6214 - MW-13

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.53	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		382	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0400	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6215 - MW-14

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100

continued ...

sample 6215 continued ...

Param	Flag	Result	Units	RL
Total Barium		0.0890	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		379	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0350	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6216 - MW-15

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0790	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		2260	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0370	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6217 - MW-16

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0650	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		1870	mg/L	0.500
Total Chromium		0.179	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6218 - MW-17

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0700	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		5240	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0250	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6219 - MW-18

continued ...

sample 6219 continued ...

Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.185	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		2960	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6220 - MW-19

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.918	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		2310	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6221 - MW-23

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.166	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		13100	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6222 - MWD-1

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.141	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		17300	mg/L	0.500
Total Chromium		0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0220	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6223 - MWD-2

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.206	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		22100	mg/L	0.500
Total Chromium		0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6224 - MWD-4

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.973	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		521	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6225 - MWD-6

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		3.72	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		895	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6226 - MWD-7

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0740	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		9840	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6227 - MWD-8

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.272	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		14300	mg/L	0.500
Total Chromium		0.0130	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6228 - MWD-9

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.178	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		23500	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6229 - MWD-10

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.38	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		8250	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6230 - MWD-11

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.133	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		2750	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0230	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6231 - MWD-12

continued ...

sample 6231 continued ...

Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.35	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		5760	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0450	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6232 - MWD-13

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.186	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		29200	mg/L	0.500
Total Chromium		0.0180	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0180	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6233 - MWD-14

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.539	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		38100	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6234 - TMW-1

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.918	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Chloride		378	mg/L	0.500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		0.0350	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Ike Tavaréz
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: May 9, 2003

Work Order: 3042805

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
6209	MW-3	water	2003-04-22	09:30	2003-04-26
6210	MW-4	water	2003-04-24	10:50	2003-04-26
6211	MW-6	water	2003-04-24	14:20	2003-04-26
6212	MW-7	water	2003-04-24	15:00	2003-04-26
6213	MW-8	water	2003-04-22	11:50	2003-04-26
6214	MW-13	water	2003-04-21	16:20	2003-04-26
6215	MW-14	water	2003-04-21	15:35	2003-04-26
6216	MW-15	water	2003-04-21	14:45	2003-04-26
6217	MW-16	water	2003-04-21	14:05	2003-04-26
6218	MW-17	water	2003-04-22	14:55	2003-04-26
6219	MW-18	water	2003-04-22	15:20	2003-04-26
6220	MW-19	water	2003-04-22	13:45	2003-04-26
6221	MW-23	water	2003-04-23	14:20	2003-04-26
6222	MWD-1	water	2003-04-23	16:00	2003-04-26
6223	MWD-2	water	2003-04-24	11:50	2003-04-26
6224	MWD-4	water	2003-04-24	16:00	2003-04-26
6225	MWD-6	water	2003-04-23	10:35	2003-04-26
6226	MWD-7	water	2003-04-22	16:00	2003-04-26
6227	MWD-8	water	2003-04-23	11:45	2003-04-26
6228	MWD-9	water	2003-04-25	13:30	2003-04-26
6229	MWD-10	water	2003-04-23	13:30	2003-04-26
6230	MWD-11	water	2003-04-22	10:30	2003-04-26
6231	MWD-12	water	2003-04-24	10:00	2003-04-26
6232	MWD-13	water	2003-04-24	13:35	2003-04-26
6233	MWD-14	water	2003-04-25	10:50	2003-04-26
6234	TMW-1	water	2003-04-22	11:10	2003-04-26

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 84 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director

Analytical Report

Sample: 6209 - MW-3

Analysis:	Ag, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6209 - MW-3

Analysis:	As, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6209 - MW-3

Analysis:	Ba, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.138	mg/L	1	0.0100

Sample: 6209 - MW-3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	1272	Date Analyzed:	2003-04-28	Analyzed By:	DK
Prep Batch:	1144	Date Prepared:	2003-04-28	Prepared By:	DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.105	mg/L	1	0.100	105	61 - 127
4-Bromofluorobenzene (4-BFB)		0.104	mg/L	1	0.100	104	72.6 - 130

Sample: 6209 - MW-3

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 4 of 84
Lea Co. N.M.

Analysis: Cd, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6209 - MW-3

Analysis: Chloride (IC)
QC Batch: 1309
Prep Batch: 1170

Analytical Method: E 300.0
Date Analyzed: 2003-04-30
Date Prepared: 2003-04-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		379	mg/L	50	0.500

Sample: 6209 - MW-3

Analysis: Cr, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6209 - MW-3

Analysis: Hg, Total
QC Batch: 1487
Prep Batch: 1324

Analytical Method: S 7470A
Date Analyzed: 2003-05-08
Date Prepared: 2003-05-07

Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6209 - MW-3

Analysis: Pb, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6209 - MW-3

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 5 of 84
Lea Co. N.M.

Analysis: Se, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6210 - MW-4

Analysis: Ag, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6210 - MW-4

Analysis: As, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6210 - MW-4

Analysis: Ba, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.156	mg/L	1	0.0100

Sample: 6210 - MW-4

Analysis: BTEX
QC Batch: 1272
Prep Batch: 1144

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00900	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 6 of 84
Lea Co. N.M.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.106	mg/L	1	0.100	106	61 - 127
4-Bromofluorobenzene (4-BFB)		0.106	mg/L	1	0.100	106	72.6 - 130

Sample: 6210 - MW-4

Analysis:	Cd, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6210 - MW-4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	1309	Date Analyzed:	2003-04-30	Analyzed By:	JSW
Prep Batch:	1170	Date Prepared:	2003-04-29	Prepared By:	JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		10300	mg/L	1000	0.500

Sample: 6210 - MW-4

Analysis:	Cr, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0100	mg/L	1	0.0100

Sample: 6210 - MW-4

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1487	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1324	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6210 - MW-4

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 7 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0720	mg/L	1	0.0100

Sample: 6210 - MW-4

Analysis:	Se, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6211 - MW-6

Analysis:	Ag, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6211 - MW-6

Analysis:	As, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6211 - MW-6

Analysis:	Ba, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.148	mg/L	1	0.0100

Sample: 6211 - MW-6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	1272	Date Analyzed:	2003-04-28	Analyzed By:	DK
Prep Batch:	1144	Date Prepared:	2003-04-28	Prepared By:	DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.104	mg/L	1	0.100	104	61 - 127
4-Bromofluorobenzene (4-BFB)		0.106	mg/L	1	0.100	106	72.6 - 130

Sample: 6211 - MW-6

Analysis: Cd, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6211 - MW-6

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1309	Date Analyzed: 2003-04-30	Analyzed By: JSW
Prep Batch: 1170	Date Prepared: 2003-04-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4260	mg/L	500	0.500

Sample: 6211 - MW-6

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6211 - MW-6

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

continued ...

sample 6211 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6211 - MW-6

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0190	mg/L	1	0.0100

Sample: 6211 - MW-6

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6212 - MW-7

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6212 - MW-7

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6212 - MW-7

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 10 of 84
Lea Co. N.M.

Analysis: Ba, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		1.80	mg/L	1	0.0100

Sample: 6212 - MW-7

Analysis: BTEX
QC Batch: 1272
Prep Batch: 1144

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.103	mg/L	1	0.100	103	61 - 127
4-Bromofluorobenzene (4-BFB)		0.106	mg/L	1	0.100	106	72.6 - 130

Sample: 6212 - MW-7

Analysis: Cd, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6212 - MW-7

Analysis: Chloride (IC)
QC Batch: 1309
Prep Batch: 1170

Analytical Method: E 300.0
Date Analyzed: 2003-04-30
Date Prepared: 2003-04-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		139	mg/L	10	0.500

Sample: 6212 - MW-7

Analysis: Cr, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6212 - MW-7

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6212 - MW-7

Analysis: Pb, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0360	mg/L	1	0.0100

Sample: 6212 - MW-7

Analysis: Se, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6213 - MW-8

Analysis: Ag, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6213 - MW-8

Analysis: As, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		0.0220	mg/L	1	0.0100

Sample: 6213 - MW-8

Analysis: Ba, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.135	mg/L	1	0.0100

Sample: 6213 - MW-8

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1299	Date Analyzed: 2003-04-29	Analyzed By: DK
Prep Batch: 1160	Date Prepared: 2003-04-29	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0996	mg/L	1	0.100	100	61 - 127
4-Bromofluorobenzene (4-BFB)		0.104	mg/L	1	0.100	104	72.6 - 130

Sample: 6213 - MW-8

Analysis: Cd, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6213 - MW-8

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1309	Date Analyzed: 2003-04-30	Analyzed By: JSW
Prep Batch: 1170	Date Prepared: 2003-04-29	Prepared By: JSW

continued ...

sample 6213 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		834	mg/L	100	0.500

Sample: 6213 - MW-8

Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6213 - MW-8

Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1487 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1324 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6213 - MW-8

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0200	mg/L	1	0.0100

Sample: 6213 - MW-8

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6214 - MW-13

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 14 of 84
Lea Co. N.M.

Analysis: Ag, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6214 - MW-13

Analysis: As, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6214 - MW-13

Analysis: Ba, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		1.53	mg/L	1	0.0100

Sample: 6214 - MW-13

Analysis: BTEX
QC Batch: 1299
Prep Batch: 1160

Analytical Method: S 8021B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene (isomers)		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.463	mg/L	5	0.100	92	61 - 127
4-Bromofluorobenzene (4-BFB)		0.49	mg/L	5	0.100	98	72.6 - 130

Sample: 6214 - MW-13

Analysis: Cd, Total
QC Batch: 1278
Prep Batch: 1145

Analytical Method: S 6010B
Date Analyzed: 2003-04-29
Date Prepared: 2003-04-29

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6214 - MW-13

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1310 Date Analyzed: 2003-04-30 Analyzed By: JSW
Prep Batch: 1171 Date Prepared: 2003-04-29 Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		382	mg/L	10	0.500

Sample: 6214 - MW-13

Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6214 - MW-13

Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1487 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1324 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6214 - MW-13

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0400	mg/L	1	0.0100

Sample: 6214 - MW-13

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 16 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6215 - MW-14

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6215 - MW-14

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6215 - MW-14

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0890	mg/L	1	0.0100

Sample: 6215 - MW-14

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1299 Date Analyzed: 2003-04-29 Analyzed By: DK
Prep Batch: 1160 Date Prepared: 2003-04-29 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.104	mg/L	1	0.100	104	61 - 127

continued ...

sample continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		0.106	mg/L	1	0.100	106	72.6 - 130

Sample: 6215 - MW-14

Analysis:	Cd, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6215 - MW-14

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	1310	Date Analyzed:	2003-04-30	Analyzed By:	JSW
Prep Batch:	1171	Date Prepared:	2003-04-29	Prepared By:	JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		379	mg/L	50	0.500

Sample: 6215 - MW-14

Analysis:	Cr, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6215 - MW-14

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6215 - MW-14

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 18 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0350	mg/L	1	0.0100

Sample: 6215 - MW-14

Analysis:	Se, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6216 - MW-15

Analysis:	Ag, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6216 - MW-15

Analysis:	As, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6216 - MW-15

Analysis:	Ba, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1278	Date Analyzed:	2003-04-29	Analyzed By:	RR
Prep Batch:	1145	Date Prepared:	2003-04-29	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0790	mg/L	1	0.0100

Sample: 6216 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	1299	Date Analyzed:	2003-04-29	Analyzed By:	DK
Prep Batch:	1160	Date Prepared:	2003-04-29	Prepared By:	DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00130	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0988	mg/L	1	0.100	99	61 - 127
4-Bromofluorobenzene (4-BFB)		0.105	mg/L	1	0.100	105	72.6 - 130

Sample: 6216 - MW-15

Analysis: Cd, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6216 - MW-15

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1310	Date Analyzed: 2003-04-30	Analyzed By: JSW
Prep Batch: 1171	Date Prepared: 2003-04-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2260	mg/L	100	0.500

Sample: 6216 - MW-15

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1278	Date Analyzed: 2003-04-29	Analyzed By: RR
Prep Batch: 1145	Date Prepared: 2003-04-29	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6216 - MW-15

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

continued ...

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 20 of 84
Lea Co. N.M.

sample 6216 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6216 - MW-15

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0370	mg/L	1	0.0100

Sample: 6216 - MW-15

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1278 Date Analyzed: 2003-04-29 Analyzed By: RR
Prep Batch: 1145 Date Prepared: 2003-04-29 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6217 - MW-16

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6217 - MW-16

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6217 - MW-16

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 21 of 84
Lea Co. N.M.

Analysis: Ba, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0650	mg/L	1	0.0100

Sample: 6217 - MW-16

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.105	mg/L	1	0.100	105	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.099	mg/L	1	0.100	99	77.8 - 110

Sample: 6217 - MW-16

Analysis: Cd, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6217 - MW-16

Analysis: Chloride (IC)
QC Batch: 1310
Prep Batch: 1171

Analytical Method: E 300.0
Date Analyzed: 2003-04-30
Date Prepared: 2003-04-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1870	mg/L	100	0.500

Sample: 6217 - MW-16

Analysis: Cr, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 22 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.179	mg/L	1	0.0100

Sample: 6217 - MW-16

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6217 - MW-16

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6217 - MW-16

Analysis:	Se, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6218 - MW-17

Analysis:	Ag, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6218 - MW-17

Analysis:	As, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 23 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6218 - MW-17

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0700	mg/L	1	0.0100

Sample: 6218 - MW-17

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1270 Date Analyzed: 2003-04-28 Analyzed By: DK
Prep Batch: 1142 Date Prepared: 2003-04-28 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.102	mg/L	1	0.100	102	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0979	mg/L	1	0.100	98	77.8 - 110

Sample: 6218 - MW-17

Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6218 - MW-17

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1310 Date Analyzed: 2003-04-30 Analyzed By: JSW
Prep Batch: 1171 Date Prepared: 2003-04-29 Prepared By: JSW

continued ...

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 24 of 84
Lea Co. N.M.

sample 6218 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5240	mg/L	500	0.500

Sample: 6218 - MW-17

Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6218 - MW-17

Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1488 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1325 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6218 - MW-17

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0250	mg/L	1	0.0100

Sample: 6218 - MW-17

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6219 - MW-18

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 25 of 84
Lea Co. N.M.

Analysis: Ag, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL		Units	Dilution	RL
		Result				
Total Silver		<0.0125		mg/L	1	0.0125

Sample: 6219 - MW-18

Analysis: As, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL		Units	Dilution	RL
		Result				
Total Arsenic		<0.0100		mg/L	1	0.0100

Sample: 6219 - MW-18

Analysis: Ba, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL		Units	Dilution	RL
		Result				
Total Barium		0.185		mg/L	1	0.0100

Sample: 6219 - MW-18

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL		Units	Dilution	RL
		Result				
Benzene		0.00100		mg/L	1	0.00100
Toluene		<0.00100		mg/L	1	0.00100
Ethylbenzene		<0.00100		mg/L	1	0.00100
Xylene (isomers)		<0.00100		mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.103	mg/L	1	0.100	103	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0951	mg/L	1	0.100	95	77.8 - 110

Sample: 6219 - MW-18

Analysis: Cd, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6219 - MW-18

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1310 Date Analyzed: 2003-04-30 Analyzed By: JSW
Prep Batch: 1171 Date Prepared: 2003-04-29 Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2960	mg/L	100	0.500

Sample: 6219 - MW-18

Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6219 - MW-18

Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1488 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1325 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6219 - MW-18

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6219 - MW-18

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 27 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6220 - MW-19

Analysis: Ag, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6220 - MW-19

Analysis: As, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6220 - MW-19

Analysis: Ba, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.918	mg/L	1	0.0100

Sample: 6220 - MW-19

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1270	Date Analyzed: 2003-04-28	Analyzed By: DK
Prep Batch: 1142	Date Prepared: 2003-04-28	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.467	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		0.0579	mg/L	10	0.00100
Xylene (isomers)		0.0629	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.97	mg/L	10	0.100	97	78.7 - 110

continued ...

sample continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		0.934	mg/L	10	0.100	93	77.8 - 110

Sample: 6220 - MW-19

Analysis:	Cd, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6220 - MW-19

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	1312	Date Analyzed:	2003-04-30	Analyzed By:	JSW
Prep Batch:	1172	Date Prepared:	2003-04-29	Prepared By:	JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2310	mg/L	100	0.500

Sample: 6220 - MW-19

Analysis:	Cr, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6220 - MW-19

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6220 - MW-19

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 29 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6220 - MW-19

Analysis: Se, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6221 - MW-23

Analysis: Ag, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6221 - MW-23

Analysis: As, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6221 - MW-23

Analysis: Ba, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.166	mg/L	1	0.0100

Sample: 6221 - MW-23

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1270	Date Analyzed: 2003-04-28	Analyzed By: DK
Prep Batch: 1142	Date Prepared: 2003-04-28	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.00120	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0989	mg/L	1	0.100	99	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0915	mg/L	1	0.100	92	77.8 - 110

Sample: 6221 - MW-23

Analysis: Cd, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6221 - MW-23

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1312	Date Analyzed: 2003-04-30	Analyzed By: JSW
Prep Batch: 1172	Date Prepared: 2003-04-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		13100	mg/L	1000	0.500

Sample: 6221 - MW-23

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6221 - MW-23

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

continued ...

sample 6221 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6221 - MW-23

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6221 - MW-23

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6222 - MWD-1

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6222 - MWD-1

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6222 - MWD-1

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 32 of 84
Lea Co. N.M.

Analysis: Ba, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.141	mg/L	1	0.0100

Sample: 6222 - MWD-1

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00110	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.00130	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.104	mg/L	1	0.100	104	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0935	mg/L	1	0.100	94	77.8 - 110

Sample: 6222 - MWD-1

Analysis: Cd, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6222 - MWD-1

Analysis: Chloride (IC)
QC Batch: 1312
Prep Batch: 1172

Analytical Method: E 300.0
Date Analyzed: 2003-04-30
Date Prepared: 2003-04-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		17300	mg/L	1000	0.500

Sample: 6222 - MWD-1

Analysis: Cr, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0100	mg/L	1	0.0100

Sample: 6222 - MWD-1

Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1488 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1325 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6222 - MWD-1

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0220	mg/L	1	0.0100

Sample: 6222 - MWD-1

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6223 - MWD-2

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6223 - MWD-2

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6223 - MWD-2

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.206	mg/L	1	0.0100

Sample: 6223 - MWD-2

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1270 Date Analyzed: 2003-04-28 Analyzed By: DK
Prep Batch: 1142 Date Prepared: 2003-04-28 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00450	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.102	mg/L	1	0.100	102	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0928	mg/L	1	0.100	93	77.8 - 110

Sample: 6223 - MWD-2

Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6223 - MWD-2

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1312 Date Analyzed: 2003-04-30 Analyzed By: JSW
Prep Batch: 1172 Date Prepared: 2003-04-29 Prepared By: JSW

continued ...

sample 6223 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		22100	mg/L	1000	0.500

Sample: 6223 - MWD-2

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0100	mg/L	1	0.0100

Sample: 6223 - MWD-2

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6223 - MWD-2

Analysis: Pb, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6223 - MWD-2

Analysis: Se, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6224 - MWD-4

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 36 of 84
Lea Co. N.M.

Analysis: Ag, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6224 - MWD-4

Analysis: As, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6224 - MWD-4

Analysis: Ba, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.973	mg/L	1	0.0100

Sample: 6224 - MWD-4

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.103	mg/L	1	0.100	103	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0936	mg/L	1	0.100	94	77.8 - 110

Sample: 6224 - MWD-4

Analysis: Cd, Total
QC Batch: 1469
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 37 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6224 - MWD-4

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	1312	Date Analyzed:	2003-04-30	Analyzed By:	JSW
Prep Batch:	1172	Date Prepared:	2003-04-29	Prepared By:	JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		521	mg/L	50	0.500

Sample: 6224 - MWD-4

Analysis:	Cr, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6224 - MWD-4

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6224 - MWD-4

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6224 - MWD-4

Analysis:	Se, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 38 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6225 - MWD-6

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6225 - MWD-6

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6225 - MWD-6

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		3.72	mg/L	1	0.0100

Sample: 6225 - MWD-6

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1270 Date Analyzed: 2003-04-28 Analyzed By: DK
Prep Batch: 1142 Date Prepared: 2003-04-28 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.181	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.0505	mg/L	1	0.00100
Xylene (isomers)		0.00140	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.106	mg/L	1	0.100	106	78.7 - 110

continued ...

sample continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		0.103	mg/L	1	0.100	103	77.8 - 110

Sample: 6225 - MWD-6

Analysis:	Cd, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6225 - MWD-6

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	1312	Date Analyzed:	2003-04-30	Analyzed By:	JSW
Prep Batch:	1172	Date Prepared:	2003-04-29	Prepared By:	JSW

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Chloride		895	mg/L	100	0.500

Sample: 6225 - MWD-6

Analysis:	Cr, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6225 - MWD-6

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL		Dilution	RL
		Result	Units		
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6225 - MWD-6

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1469	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 40 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6225 - MWD-6

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6226 - MWD-7

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6226 - MWD-7

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6226 - MWD-7

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.0740	mg/L	1	0.0100

Sample: 6226 - MWD-7

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1270 Date Analyzed: 2003-04-28 Analyzed By: DK
Prep Batch: 1142 Date Prepared: 2003-04-28 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene (isomers)		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.473	mg/L	5	0.100	94	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.456	mg/L	5	0.100	91	77.8 - 110

Sample: 6226 - MWD-7

Analysis: Cd, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6226 - MWD-7

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1312	Date Analyzed: 2003-04-30	Analyzed By: JSW
Prep Batch: 1172	Date Prepared: 2003-04-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		9840	mg/L	1000	0.500

Sample: 6226 - MWD-7

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1469	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6226 - MWD-7

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

continued ...

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 42 of 84
Lea Co. N.M.

sample 6226 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6226 - MWD-7

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6226 - MWD-7

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1469 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6227 - MWD-8

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6227 - MWD-8

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6227 - MWD-8

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 43 of 84
Lea Co. N.M.

Analysis: Ba, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.272	mg/L	1	0.0100

Sample: 6227 - MWD-8

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00170	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.00110	mg/L	1	0.00100
Xylene (isomers)		0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.098	mg/L	1	0.100	98	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0938	mg/L	1	0.100	94	77.8 - 110

Sample: 6227 - MWD-8

Analysis: Cd, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6227 - MWD-8

Analysis: Chloride (IC)
QC Batch: 1312
Prep Batch: 1172

Analytical Method: E 300.0
Date Analyzed: 2003-04-30
Date Prepared: 2003-04-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		14300	mg/L	1000	0.500

Sample: 6227 - MWD-8

Analysis: Cr, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 44 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0130	mg/L	1	0.0100

Sample: 6227 - MWD-8

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6227 - MWD-8

Analysis: Pb, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6227 - MWD-8

Analysis: Se, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6228 - MWD-9

Analysis: Ag, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6228 - MWD-9

Analysis: As, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6228 - MWD-9

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.178	mg/L	1	0.0100

Sample: 6228 - MWD-9

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1270 Date Analyzed: 2003-04-28 Analyzed By: DK
Prep Batch: 1142 Date Prepared: 2003-04-28 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0577	mg/L	1	0.00100
Toluene		0.00960	mg/L	1	0.00100
Ethylbenzene		0.00180	mg/L	1	0.00100
Xylene (isomers)		0.00120	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0928	mg/L	1	0.100	93	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0896	mg/L	1	0.100	90	77.8 - 110

Sample: 6228 - MWD-9

Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6228 - MWD-9

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1312 Date Analyzed: 2003-04-30 Analyzed By: JSW
Prep Batch: 1172 Date Prepared: 2003-04-29 Prepared By: JSW

continued ...

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 46 of 84
Lea Co. N.M.

sample 6228 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		23500	mg/L	1000	0.500

Sample: 6228 - MWD-9

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6228 - MWD-9

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6228 - MWD-9

Analysis: Pb, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6228 - MWD-9

Analysis: Se, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6229 - MWD-10

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 47 of 84
Lea Co. N.M.

Analysis: Ag, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6229 - MWD-10

Analysis: As, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6229 - MWD-10

Analysis: Ba, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		1.38	mg/L	1	0.0100

Sample: 6229 - MWD-10

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.637	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		0.332	mg/L	10	0.00100
Xylene (isomers)		0.146	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.934	mg/L	10	0.100	93	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.946	mg/L	10	0.100	94	77.8 - 110

Sample: 6229 - MWD-10

Analysis: Cd, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 48 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6229 - MWD-10

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	1312	Date Analyzed:	2003-04-30	Analyzed By:	JSW
Prep Batch:	1172	Date Prepared:	2003-04-29	Prepared By:	JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		8250	mg/L	500	0.500

Sample: 6229 - MWD-10

Analysis:	Cr, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6229 - MWD-10

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6229 - MWD-10

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6229 - MWD-10

Analysis:	Se, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6230 - MWD-11

Analysis: Ag, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6230 - MWD-11

Analysis: As, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6230 - MWD-11

Analysis: Ba, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.133	mg/L	1	0.0100

Sample: 6230 - MWD-11

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1270	Date Analyzed: 2003-04-28	Analyzed By: DK
Prep Batch: 1142	Date Prepared: 2003-04-28	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.104	mg/L	1	0.100	104	78.7 - 110

continued ...

sample continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)		0.0976	mg/L	1	0.100	98	77.8 - 110

Sample: 6230 - MWD-11

Analysis: Cd, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6230 - MWD-11

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1357	Date Analyzed: 2003-05-02	Analyzed By: JSW
Prep Batch: 1215	Date Prepared: 2003-05-01	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2750	mg/L	1	0.500

Sample: 6230 - MWD-11

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6230 - MWD-11

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6230 - MWD-11

Analysis: Pb, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 51 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0230	mg/L	1	0.0100

Sample: 6230 - MWD-11

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6231 - MWD-12

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6231 - MWD-12

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6231 - MWD-12

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		1.35	mg/L	1	0.0100

Sample: 6231 - MWD-12

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1270 Date Analyzed: 2003-04-28 Analyzed By: DK
Prep Batch: 1142 Date Prepared: 2003-04-28 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		1.05	mg/L	20	0.00100
Toluene		<0.0200	mg/L	20	0.00100
Ethylbenzene		0.0806	mg/L	20	0.00100
Xylene (isomers)		0.0311	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.87	mg/L	20	0.100	94	78.7 - 110
4-Bromofluorobenzene (4-BFB)		1.83	mg/L	20	0.100	91	77.8 - 110

Sample: 6231 - MWD-12

Analysis: Cd, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6231 - MWD-12

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1357	Date Analyzed: 2003-05-02	Analyzed By: JSW
Prep Batch: 1215	Date Prepared: 2003-05-01	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		5760	mg/L	500	0.500

Sample: 6231 - MWD-12

Analysis: Cr, Total	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1471	Date Analyzed: 2003-05-08	Analyzed By: RR
Prep Batch: 1159	Date Prepared: 2003-04-30	Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6231 - MWD-12

Analysis: Hg, Total	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1488	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1325	Date Prepared: 2003-05-07	Prepared By: BC

continued ...

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 53 of 84
Lea Co. N.M.

sample 6231 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6231 - MWD-12

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0450	mg/L	1	0.0100

Sample: 6231 - MWD-12

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6232 - MWD-13

Analysis: Ag, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6232 - MWD-13

Analysis: As, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6232 - MWD-13

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 54 of 84
Lea Co. N.M.

Analysis: Ba, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.186	mg/L	1	0.0100

Sample: 6232 - MWD-13

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00310	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.102	mg/L	1	0.100	102	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0984	mg/L	1	0.100	98	77.8 - 110

Sample: 6232 - MWD-13

Analysis: Cd, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6232 - MWD-13

Analysis: Chloride (IC)
QC Batch: 1317
Prep Batch: 1176

Analytical Method: E 300.0
Date Analyzed: 2003-05-01
Date Prepared: 2003-04-30

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		29200	mg/L	5000	0.500

Sample: 6232 - MWD-13

Analysis: Cr, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 55 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		0.0180	mg/L	1	0.0100

Sample: 6232 - MWD-13

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6232 - MWD-13

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0180	mg/L	1	0.0100

Sample: 6232 - MWD-13

Analysis:	Se, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6233 - MWD-14

Analysis:	Ag, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6233 - MWD-14

Analysis:	As, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 56 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6233 - MWD-14

Analysis: Ba, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.539	mg/L	1	0.0100

Sample: 6233 - MWD-14

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1270 Date Analyzed: 2003-04-28 Analyzed By: DK
Prep Batch: 1142 Date Prepared: 2003-04-28 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		2.44	mg/L	10	0.00100
Toluene		0.220	mg/L	10	0.00100
Ethylbenzene		0.108	mg/L	10	0.00100
Xylene (isomers)		0.0597	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.968	mg/L	10	0.100	97	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.935	mg/L	10	0.100	94	77.8 - 110

Sample: 6233 - MWD-14

Analysis: Cd, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6233 - MWD-14

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1317 Date Analyzed: 2003-05-01 Analyzed By: JSW
Prep Batch: 1176 Date Prepared: 2003-04-30 Prepared By: JSW

continued ...

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 57 of 84
Lea Co. N.M.

sample 6233 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		38100	mg/L	5000	0.500

Sample: 6233 - MWD-14

Analysis: Cr, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6233 - MWD-14

Analysis: Hg, Total Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1488 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1325 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6233 - MWD-14

Analysis: Pb, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		<0.0100	mg/L	1	0.0100

Sample: 6233 - MWD-14

Analysis: Se, Total Analytical Method: S 6010B Prep Method: S 3010A
QC Batch: 1471 Date Analyzed: 2003-05-08 Analyzed By: RR
Prep Batch: 1159 Date Prepared: 2003-04-30 Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6234 - TMW-1

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 58 of 84
Lea Co. N.M.

Analysis: Ag, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125

Sample: 6234 - TMW-1

Analysis: As, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Arsenic		<0.0100	mg/L	1	0.0100

Sample: 6234 - TMW-1

Analysis: Ba, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.918	mg/L	1	0.0100

Sample: 6234 - TMW-1

Analysis: BTEX
QC Batch: 1270
Prep Batch: 1142

Analytical Method: S 8021B
Date Analyzed: 2003-04-28
Date Prepared: 2003-04-28

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0132	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.00180	mg/L	1	0.00100
Xylene (isomers)		0.00590	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.104	mg/L	1	0.100	104	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.101	mg/L	1	0.100	101	77.8 - 110

Sample: 6234-- TMW-1

Analysis: Cd, Total
QC Batch: 1471
Prep Batch: 1159

Analytical Method: S 6010B
Date Analyzed: 2003-05-08
Date Prepared: 2003-04-30

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 59 of 84
Lea Co. N.M.

Parameter	Flag	RL Result	Units	Dilution	RL
Total Cadmium		<0.00500	mg/L	1	0.00500

Sample: 6234 - TMW-1

Analysis:	Chloride (IC)	Analytical Method:	E 300.0	Prep Method:	N/A
QC Batch:	1317	Date Analyzed:	2003-05-01	Analyzed By:	JSW
Prep Batch:	1176	Date Prepared:	2003-04-30	Prepared By:	JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		378	mg/L	50	0.500

Sample: 6234 - TMW-1

Analysis:	Cr, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Chromium		<0.0100	mg/L	1	0.0100

Sample: 6234 - TMW-1

Analysis:	Hg, Total	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	1488	Date Analyzed:	2003-05-08	Analyzed By:	BC
Prep Batch:	1325	Date Prepared:	2003-05-07	Prepared By:	BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6234 - TMW-1

Analysis:	Pb, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Lead		0.0350	mg/L	1	0.0100

Sample: 6234 - TMW-1

Analysis:	Se, Total	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	1471	Date Analyzed:	2003-05-08	Analyzed By:	RR
Prep Batch:	1159	Date Prepared:	2003-04-30	Prepared By:	TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Selenium		<0.0500	mg/L	1	0.0500

Method Blank (1) QC Batch: 1270

Parameter	Flag	Result	Units	MDL
Benzene		<0.000410	mg/L	0.00041
Toluene		<0.000760	mg/L	0.00076
Ethylbenzene		<0.00120	mg/L	0.0012
Xylene (isomers)		<0.00183	mg/L	0.00183

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.103	mg/L	1	0.100	103	78.7 - 110
4-Bromofluorobenzene (4-BFB)		0.0949	mg/L	1	0.100	95	77.8 - 110

Method Blank (1) QC Batch: 1272

Parameter	Flag	Result	Units	MDL
Benzene		<0.000350	mg/L	0.00035
Toluene		<0.000550	mg/L	0.00055
Ethylbenzene		<0.000690	mg/L	0.00069
Xylene (isomers)		<0.00183	mg/L	0.00183

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0982	mg/L	1	0.100	98	61 - 127
4-Bromofluorobenzene (4-BFB)		0.0996	mg/L	1	0.100	100	72.6 - 130

Method Blank (1) QC Batch: 1278

Parameter	Flag	Result	Units	MDL
Total Silver		<0.00120	mg/L	0.001199

Method Blank (1) QC Batch: 1278

Parameter	Flag	Result	Units	MDL
Total Arsenic		<0.00593	mg/L	0.00593

Method Blank (1) QC Batch: 1278

Parameter	Flag	Result	Units	MDL
Total Barium		<0.000343	mg/L	0.000343

Method Blank (1) QC Batch: 1278

Parameter	Flag	Result	Units	MDL
Total Cadmium		<0.000268	mg/L	0.000268

Method Blank (1) QC Batch: 1278

Parameter	Flag	Result	Units	MDL
Total Chromium		<0.000660	mg/L	0.00066

Method Blank (1) QC Batch: 1278

Parameter	Flag	Result	Units	MDL
Total Lead		<0.00367	mg/L	0.00367

Method Blank (1) QC Batch: 1278

Parameter	Flag	Result	Units	MDL
Total Selenium		<0.0101	mg/L	0.0101

Method Blank (1) QC Batch: 1299

Parameter	Flag	Result	Units	MDL
Benzene		<0.000350	mg/L	0.00035
Toluene		<0.000550	mg/L	0.00055
Ethylbenzene		<0.000690	mg/L	0.00069
Xylene (isomers)		<0.00183	mg/L	0.00183

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.1	mg/L	1	0.100	100	61 - 127
4-Bromofluorobenzene (4-BFB)		0.101	mg/L	1	0.100	101	72.6 - 130

Method Blank (1) QC Batch: 1309

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 62 of 84
Lea Co. N.M.

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1310

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1312

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1317

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1357

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1469

Parameter	Flag	Result	Units	MDL
Total Silver		<0.00120	mg/L	0.001199

Method Blank (1) QC Batch: 1469

Parameter	Flag	Result	Units	MDL
Total Arsenic		<0.00593	mg/L	0.00593

Method Blank (1) QC Batch: 1469

Parameter	Flag	Result	Units	MDL
Total Barium		<0.000343	mg/L	0.000343

Method Blank (1) QC Batch: 1469

Parameter	Flag	Result	Units	MDL
Total Cadmium		<0.000268	mg/L	0.000268

Method Blank (1) QC Batch: 1469

Parameter	Flag	Result	Units	MDL
Total Chromium		<0.000660	mg/L	0.00066

Method Blank (1) QC Batch: 1469

Parameter	Flag	Result	Units	MDL
Total Lead		<0.00367	mg/L	0.00367

Method Blank (1) QC Batch: 1469

Parameter	Flag	Result	Units	MDL
Total Selenium		<0.0101	mg/L	0.0101

Method Blank (1) QC Batch: 1471

Parameter	Flag	Result	Units	MDL
Total Silver		<0.00120	mg/L	0.001199

Method Blank (1) QC Batch: 1471

Parameter	Flag	Result	Units	MDL
Total Arsenic		<0.00593	mg/L	0.00593

Method Blank (1) QC Batch: 1471

Parameter	Flag	Result	Units	MDL
Total Barium		<0.000343	mg/L	0.000343

Method Blank (1) QC Batch: 1471

Parameter	Flag	Result	Units	MDL
Total Cadmium		<0.000268	mg/L	0.000268

Method Blank (1) QC Batch: 1471

Parameter	Flag	Result	Units	MDL
Total Chromium		<0.000660	mg/L	0.00066

Method Blank (1) QC Batch: 1471

Parameter	Flag	Result	Units	MDL
Total Lead		<0.00367	mg/L	0.00367

Method Blank (1) QC Batch: 1471

Parameter	Flag	Result	Units	MDL
Total Selenium		<0.0101	mg/L	0.0101

Method Blank (1) QC Batch: 1487

Parameter	Flag	Result	Units	MDL
Total Mercury		<0.0000360	mg/L	3.6e-05

Method Blank (1) QC Batch: 1488

Parameter	Flag	Result	Units	MDL
Total Mercury		<0.0000360	mg/L	3.6e-05

Laboratory Control Spike (LCS-1) QC Batch: 1270

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0999	0.100	mg/L	1	0.100	<0.000410	100	0	80.5 - 113	20
Toluene	0.0991	0.100	mg/L	1	0.100	<0.000760	99	1	81.2 - 112	20
Ethylbenzene	0.0990	0.101	mg/L	1	0.100	<0.00120	99	2	82.2 - 112	20
Xylene (isomers)	0.301	0.305	mg/L	1	0.300	<0.00183	100	1	80.6 - 112	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0998	0.102	mg/L	1	0.100	100	102	78.7 - 110
4-Bromofluorobenzene (4-BFB)	0.0976	0.0989	mg/L	1	0.100	98	99	77.8 - 110

Laboratory Control Spike (LCS-1) QC Batch: 1272

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.102	0.0987	mg/L	1	0.100	<0.000350	102	3	77.7 - 115	20
Toluene	0.104	0.100	mg/L	1	0.100	<0.000550	104	4	76.5 - 114	20
Ethylbenzene	0.107	0.103	mg/L	1	0.100	<0.000690	107	4	78.7 - 112	20
Xylene (isomers)	0.323	0.307	mg/L	1	0.300	<0.00183	108	5	66.3 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0976	0.0999	mg/L	1	0.100	98	100	61 - 127
4-Bromofluorobenzene (4-BFB)	0.107	0.104	mg/L	1	0.100	107	104	72.6 - 130

Laboratory Control Spike (LCS-1) QC Batch: 1278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.127	0.123	mg/L	1	0.125	<0.00120	102	3	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Arsenic	0.488	0.453	mg/L	1	0.500	<0.00593	98	7	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Barium	0.950	0.947	mg/L	1	1.00	<0.000343	95	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Cadmium	0.245	0.246	mg/L	1	0.250	<0.000268	98	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Chromium	0.100	0.104	mg/L	1	0.100	<0.000660	100	4	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Lead	0.470	0.488	mg/L	1	0.500	<0.00367	94	4	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.390	0.400	mg/L	1	0.500	<0.0101	78	2	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1299

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.100	0.0997	mg/L	1	0.100	<0.000350	100	0	77.7 - 115	20
Toluene	0.102	0.102	mg/L	1	0.100	<0.000550	102	0	76.5 - 114	20
Ethylbenzene	0.104	0.106	mg/L	1	0.100	<0.000690	104	2	78.7 - 112	20
Xylene (isomers)	0.314	0.319	mg/L	1	0.300	<0.00183	105	1	66.3 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0971	0.0979	mg/L	1	0.100	97	98	61 - 127
4-Bromofluorobenzene (4-BFB)	0.106	0.110	mg/L	1	0.100	106	110	72.6 - 130

Laboratory Control Spike (LCS-1) QC Batch: 1309

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.4	12.4	mg/L	1	12.5	<1.49	99	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1310

continued ...

control spikes continued ...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.2	12.2	mg/L	1	12.5	<1.49	98	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1312

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.2	12.2	mg/L	1	12.5	<1.49	98	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1317

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	13.3	13.3	mg/L	1	12.5	<1.49	106	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1357

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.1	12.1	mg/L	1	12.5	<1.49	97	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1469

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.122	0.114	mg/L	1	0.125	<0.00120	98	7	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1469

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Arsenic	0.449	0.405	mg/L	1	0.500	<0.00593	90	10	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1469

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Barium	0.886	0.885	mg/L	1	1.00	<0.000343	89	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1469

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Cadmium	0.244	0.244	mg/L	1	0.250	<0.000268	98	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1469

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Chromium	0.0970	0.0920	mg/L	1	0.100	<0.000660	97	5	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1469

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Lead	0.485	0.479	mg/L	1	0.500	<0.00367	97	1	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1469

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.389	0.381	mg/L	1	0.500	<0.0101	78	2	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1471

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.122	0.114	mg/L	1	0.125	<0.00120	98	7	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1471

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Arsenic	0.449	0.405	mg/L	1	0.500	<0.00593	90	10	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1471

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Barium	0.886	0.885	mg/L	1	1.00	<0.000343	89	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1471

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Cadmium	0.244	0.244	mg/L	1	0.250	<0.000268	98	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1471

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Chromium	0.0970	0.0920	mg/L	1	0.100	<0.000660	97	5	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1471

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Lead	0.485	0.479	mg/L	1	0.500	<0.00367	97	1	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1471

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.389	0.381	mg/L	1	0.500	<0.0101	78	2	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1487

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00112	0.00100	mg/L	1	0.00100	<0.0000360	112	11	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1488

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control spikes continued ...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00112	0.00110	mg/L	1	0.00100	<0.0000360	112	2	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1278

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.149	0.147	mg/L	1	0.125	<0.00120	119	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1278

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Arsenic	0.485	0.459	mg/L	1	0.500	<0.00593	97	6	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1278

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Barium	1.29	1.27	mg/L	1	1.00	0.138	115	2	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1278

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Cadmium	0.264	0.260	mg/L	1	0.250	0.002	105	2	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1278

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Chromium	0.109	0.112	mg/L	1	0.100	0.004	105	3	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1278

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Lead	0.596	0.614	mg/L	1	0.500	<0.00367	119	3	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1278

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.401	0.425	mg/L	1	0.500	<0.0101	80	6	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1309

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	2070	2060	mg/L	100	12.5	834	99	0	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1310

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	9000	9310	mg/L	500	12.5	2970	96	3	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1312

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	14400	14300	mg/L	500	12.5	8250	98	1	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1317

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	98400	98900	mg/L	5000	12.5	38100	96	0	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1357

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	10800	10700	mg/L	500	12.5	4700	98	1	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1469

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.126	0.122	mg/L	1	0.125	<0.00120	101	3	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1469

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Arsenic	0.476	0.464	mg/L	1	0.500	<0.00593	95	2	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1469

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Barium	1.26	1.20	mg/L	1	1.00	0.185	108	5	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1469

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Cadmium	0.247	0.247	mg/L	1	0.250	<0.000268	99	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1469

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Chromium	0.107	0.108	mg/L	1	0.100	<0.000660	107	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1469

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Lead	0.448	0.507	mg/L	1	0.500	<0.00367	90	12	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1469

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matrix spikes continued ...

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.408	0.426	mg/L	1	0.500	<0.0101	82	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1471

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.127	0.121	mg/L	1	0.125	<0.00120	102	5	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1471

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Arsenic	0.451	0.418	mg/L	1	0.500	<0.00593	90	8	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1471

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Barium	1.23	1.28	mg/L	1	1.00	0.272	96	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1471

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Cadmium	0.246	0.245	mg/L	1	0.250	<0.000268	98	0	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1471

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Chromium	0.103	0.114	mg/L	1	0.100	0.013	90	10	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1471

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Lead	0.469	0.542	mg/L	1	0.500	<0.00367	94	14	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1471

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.432	0.406	mg/L	1	0.500	0.029	81	6	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-2) QC Batch: 1487

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00104	0.00102	mg/L	1	0.00100	0.00027	77	2	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-2) QC Batch: 1488

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.000750	0.000750	mg/L	1	0.00100	<0.0000360	75	0	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1) QC Batch: 1270

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0994	99	85 - 115	2003-04-28
Toluene		mg/L	0.100	0.0999	100	85 - 115	2003-04-28
Ethylbenzene		mg/L	0.100	0.100	100	85 - 115	2003-04-28
Xylene (isomers)		mg/L	0.300	0.304	101	85 - 115	2003-04-28

Standard (CCV-1) QC Batch: 1270

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0975	98	85 - 115	2003-04-28
Toluene		mg/L	0.100	0.0980	98	85 - 115	2003-04-28
Ethylbenzene		mg/L	0.100	0.0984	98	85 - 115	2003-04-28
Xylene (isomers)		mg/L	0.300	0.298	99	85 - 115	2003-04-28

Standard (CCV-2) QC Batch: 1270

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0983	98	85 - 115	2003-04-28
Toluene		mg/L	0.100	0.0986	99	85 - 115	2003-04-28
Ethylbenzene		mg/L	0.100	0.0991	99	85 - 115	2003-04-28
Xylene (isomers)		mg/L	0.300	0.300	100	85 - 115	2003-04-28

Standard (CCV-1) QC Batch: 1272

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0907	91	85 - 115	2003-04-28
Toluene		mg/L	0.100	0.0920	92	85 - 115	2003-04-28
Ethylbenzene		mg/L	0.100	0.0956	96	85 - 115	2003-04-28
Xylene (isomers)		mg/L	0.300	0.287	96	85 - 115	2003-04-28

Standard (CCV-2) QC Batch: 1272

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0976	98	85 - 115	2003-04-28
Toluene		mg/L	0.100	0.0992	99	85 - 115	2003-04-28
Ethylbenzene		mg/L	0.100	0.103	103	85 - 115	2003-04-28
Xylene (isomers)		mg/L	0.300	0.308	103	85 - 115	2003-04-28

Standard (ICV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.243	97	90 - 110	2003-04-29

Standard (ICV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	1.02	102	90 - 110	2003-04-29

Standard (ICV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2.00	2.01	100	90 - 110	2003-04-29

Standard (ICV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	0.500	0.479	96	90 - 110	2003-04-29

Standard (ICV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	0.200	0.189	94	90 - 110	2003-04-29

Standard (ICV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.02	102	90 - 110	2003-04-29

Standard (ICV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.978	98	90 - 110	2003-04-29

Standard (CCV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.245	98	90 - 110	2003-04-29

Standard (CCV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.989	99	90 - 110	2003-04-29

Standard (CCV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2.00	2.09	104	90 - 110	2003-04-29

Standard (CCV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	0.500	0.500	100	90 - 110	2003-04-29

Standard (CCV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	0.200	0.210	105	90 - 110	2003-04-29

Standard (CCV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.04	104	90 - 110	2003-04-29

Standard (CCV-1) QC Batch: 1278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	0.970	97	90 - 110	2003-04-29

Standard (ICV-1) QC Batch: 1299

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0962	96	85 - 115	2003-04-29
Toluene		mg/L	0.100	0.0992	99	85 - 115	2003-04-29
Ethylbenzene		mg/L	0.100	0.102	102	85 - 115	2003-04-29
Xylene (isomers)		mg/L	0.300	0.308	103	85 - 115	2003-04-29

Standard (CCV-2) QC Batch: 1299

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0974	97	85 - 115	2003-04-29
Toluene		mg/L	0.100	0.101	101	85 - 115	2003-04-29
Ethylbenzene		mg/L	0.100	0.104	104	85 - 115	2003-04-29
Xylene (isomers)		mg/L	0.300	0.313	104	85 - 115	2003-04-29

Standard (ICV-1) QC Batch: 1309

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	13.1	105	90 - 110	2003-04-30

Standard (CCV-1) QC Batch: 1309

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.4	99	90 - 110	2003-04-30

Standard (ICV-1) QC Batch: 1310

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.4	99	90 - 110	2003-04-30

Standard (CCV-1) QC Batch: 1310

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.2	98	90 - 110	2003-04-30

Standard (ICV-1) QC Batch: 1312

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.2	98	90 - 110	2003-04-30

Standard (CCV-1) QC Batch: 1312

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.3	98	90 - 110	2003-04-30

Standard (ICV-1) QC Batch: 1317

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	13.3	106	90 - 110	2003-05-01

Standard (CCV-1) QC Batch: 1317

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	13.3	106	90 - 110	2003-05-01

Standard (ICV-1) QC Batch: 1357

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.2	98	90 - 110	2003-05-02

Standard (CCV-1) QC Batch: 1357

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.1	97	90 - 110	2003-05-02

Standard (ICV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.242	97	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.969	97	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2.00	2.01	100	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	0.500	0.486	97	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1469

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 80 of 84
Lea Co. N.M.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	0.200	0.202	101	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.05	105	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.00	100	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.237	95	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.951	95	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2.00	1.99	100	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	0.500	0.468	94	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1469

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 81 of 84
Lea Co. N.M.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	0.200	0.197	98	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.995	100	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1469

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.00	100	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.242	97	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.969	97	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2.00	2.01	100	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	0.500	0.486	97	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1471

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 82 of 84
Lea Co. N.M.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	0.200	0.202	101	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.05	105	90 - 110	2003-05-08

Standard (ICV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.228	91	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1.00	0.986	99	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2.00	1.80	90	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	0.500	0.468	94	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Chromium		mg/L	0.200	0.188	94	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	1.01	101	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1471

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Seienium		mg/L	1.00	1.03	103	90 - 110	2003-05-08

Standard (CCV-1) QC Batch: 1487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000930	93	80 - 120	2003-05-08

Standard (CCV-2) QC Batch: 1487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000930	93	80 - 120	2003-05-08

Standard (ICV-1) QC Batch: 1488

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00108	108	80 - 120	2003-05-08

Standard (CCV-1) QC Batch: 1488

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000930	93	80 - 120	2003-05-08

Standard (CCV-2) QC Batch: 1488

Report Date: May 9, 2003
1982

Work Order: 3042805
Eunice #1 South Gas Plant

Page Number: 84 of 84
Lea Co. N.M.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000930	93	80 - 120	2003-05-08

6209-6234

3042805

Analysis Request and Chain of Custody Record

HIGHLANDER ENVIRONMENTAL CORP.

1910 N. Big Spring St.
Midland, Texas 79705

(915) 682-4559

Fax (915) 682-3948

CLIENT NAME:		SITE MANAGER:		PRESERVATIVE METHOD	
CHEVRON TEXACO		IKE TAVAREZ			
PROJECT NO.:		PROJECT NAME:		NUMBER OF CONTAINERS	
1982		Eniice #1 South Gas Plant		4	
LAB I.D. NUMBER		SAMPLE IDENTIFICATION		FILTERED (Y/N)	
				HCL HNO3 ICE NONE	
6209	4/24/03 9:30	MW-3		Y	X
10	4/24/03 10:50	MW-4		Y	X
11	4/24/03 2:20	MW-6		Y	X
12	4/24/03 3:00	MW-7		Y	X
13	4/24/03 11:50	MW-8		Y	X
14	4/24/03 4:20	MW-13		Y	X
15	4/24/03 3:35	MW-14		Y	X
16	4/24/03 2:45	MW-15		Y	X
17	4/24/03 2:05	MW-16		Y	X
18	4/24/03 2:55	MW-17		Y	X

RELINQUISHED BY: (Signature)		Date: 4-25-03		Time: 4:30	
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RECEIVING LABORATORY: TIZACE		DATE: 04/26/03		TIME: 11:20	
ADDRESS: 640721 TX					
CITY:	STATE:	ZIP:			
CONTACT:	PHONE:				

SAMPLE CONDITION WHEN RECEIVED:		MATRIX:		REMARKS:	

RELINQUISHED BY: (Print & Sign)		Date: 4-25-03	
Sim Armes...			
SAMPLE SHIPPED BY: (Signature)		Date: 4-25-03	
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FEDER		OTHER:	
HAND DELIVERED			
HIGHLANDER CONTACT PERSON:		Results by:	
IKE TAVAREZ		RUSH Charges	
		Authorized:	
		Yes No	

ANALYSIS REQUEST (Circle or Specify Method No.)	
GC/MS Vol. 8240/8260/824	
GC/MS Semi. Vol. 8270/825	
PCB's 8080/808	
Post. 808/808	
BOD, TSS, pH, TDS, Chloride	
Gamma Spec.	
Alpha Beta (Abt)	
PM (Asbestos)	

Please fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy - Accounting receives Gold copy.

UN Sampled - HS

GLF 16 130 3702

PVF 5/12/03

Analysis Request and Chain of Custody Record

HIGHLANDER ENVIRONMENTAL CORP.

**1910 N. Big Spring St.
Midland, Texas 79705**

(915) 682-4558

Fax (915) 682-3946

CLIENT NAME:

SITE MANAGER:

IKÉ TAVAREZ

PROJECT NAME: south
Eunice #1 Gas Plant Can Co Mun

PROJECT NAME:

SAMPLE IDENTIFICATION

NUMBER		MAT	COM	GRA	NUM	FILT	ACT	ENG	CE	NON
6219	4/22/03 2:20	W				W	Y	Y	X	
20	4/22/03 1:45	W				W	Y	Y	X	
21	4/23/03 2:20	W				W	Y	Y	X	
22	4/23/03 4:00	W				W	Y	Y	X	
23	4/24/03 11:50	W				W	Y	Y	X	
24	4/24/03 4:00	W				W	Y	Y	X	
25	4/23/03 10:35	W				W	Y	Y	X	
26	4/22/03 4:00	W				W	Y	Y	X	
27	4/23/03 11:45	W				W	Y	Y	X	
28	4/25/03 1:30	W				W	Y	Y	X	

RELINQUISHED BY: (Signature) [Signature] Date: 4-25-03
RECEIVED BY: (Signature) [Signature] Date: 4-25-03

RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)
Date: 7-25-03	Date: 7-26-03
Time: 1:30	Time: 1:30

RELINQUISHED BY: (Signature)	Time: 7:50	RECEIVED BY: (Signature)	Time: _____
Date: _____	Date: _____	Date: _____	Date: _____

RECEIVING LABORATORY: TRACE RECEIVED BY: (Signature) [Signature]
 time: _____ time: _____

ADDRESS: SWADFIELD ☒ STATE: _____ ZIP: _____
 CITY: _____ PHONE: _____
 CONTACT: _____ DATE: 04/26/03 TIME: 2:02

CONTRACT:	SAMPLE CONDITION WHEN RECEIVED:	MATRIX:	REMARKS:
		W-Water A-Air SD-Solid	

S-Soil	SL-Sludge	O-Other

Please fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project

07/14

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PAGE: 2 OF 2
ANALYSIS REQUEST
(Circle or Specify Method No.)

PAGE: 2 OF: 3

ANALYSIS REQUEST

(Circle or Specify Method No.)

[illegible]

DATE: 4-25-03

DATE SHIPPED BY: (Circle) Blackburn

FEDEX	HAND DELIVERED	BUS	AIRBILL
		UPS	OTHER:

HIGHLANDER CONTACT PERSON:	Results by:
	RUSH Charges

Authorized:	Yes	No
IKK TAVARE		

[illegible]

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600-175

Summary Report

Ike Tavarez
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: May 12, 2003

Work Order: 3050112

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
6523	MW-9	water	2003-04-30	09:15	2003-05-01
6524	MW-10	water	2003-04-28	16:00	2003-05-01
6525	MW-11	water	2003-04-28	12:35	2003-05-01
6526	MW-12	water	2003-04-30	11:00	2003-05-01
6527	MW-22	water	2003-04-28	10:15	2003-05-01
6528	MW-24	water	2003-04-28	15:05	2003-05-01
6529	MW-25	water	2003-04-28	13:55	2003-05-01
6530	MW-26	water	2003-04-30	09:50	2003-05-01
6531	MW-27	water	2003-04-30	10:25	2003-05-01
6532	MWD-3	water	2003-04-28	09:40	2003-05-01
6533	MWD-5	water	2003-04-30	12:45	2003-05-01
6534	TMW-3	water	2003-04-28	11:15	2003-05-01
6535	TMW-6	water	2003-04-28	14:25	2003-05-01

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (isomers) (mg/L)
6523 - MW-9	6.41	0.169	0.260	0.134
6524 - MW-10	32.7	0.540	<0.200	<0.200
6525 - MW-11	25.9	3.30	0.345	<0.200
6526 - MW-12	52.4	5.96	1.22	1.71
6527 - MW-22	1.10	0.0153	0.0329	0.0241
6528 - MW-24	37.7	3.48	<0.500	0.544
6529 - MW-25	4.49	0.0351	0.347	0.0209
6530 - MW-26	7.99	<0.0500	0.116	<0.0500
6531 - MW-27	21.2	0.606	0.493	<0.200
6532 - MWD-3	0.928	<0.0100	0.0198	0.0168
6533 - MWD-5	9.58	3.96	0.440	0.500
6534 - TMW-3	0.328	0.167	0.446	0.0121
6535 - TMW-6	3.63	0.0247	0.790	0.0683

Sample: 6523 - MW-9

Param	Flag	Result	Units	RL
Chloride		415	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6524 - MW-10

Param	Flag	Result	Units	RL
Chloride		451	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6525 - MW-11

Param	Flag	Result	Units	RL
Chloride		710	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6526 - MW-12

Param	Flag	Result	Units	RL
Chloride		2070	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6527 - MW-22

Param	Flag	Result	Units	RL
Chloride		16200	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6528 - MW-24

Param	Flag	Result	Units	RL
Chloride		101	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6529 - MW-25

Param	Flag	Result	Units	RL
Chloride		2350	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6530 - MW-26

Param	Flag	Result	Units	RL
Chloride		688	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6531 - MW-27

Param	Flag	Result	Units	RL
Chloride		815	mg/L	0.500
Total Mercury		0.000580	mg/L	0.000200

Sample: 6532 - MWD-3

Param	Flag	Result	Units	RL
Chloride		47600	mg/L	0.500
Total Mercury		<0.000200	mg/L	0.000200

Sample: 6533 - MWD-5

Param	Flag	Result	Units	RL
Chloride		1290	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.0510	mg/L	0.0100
Total Barium		5.91	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		0.000270	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6534 - TMW-3

Param	Flag	Result	Units	RL
Chloride		897	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		3.31	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6535 - TMW-6

Param	Flag	Result	Units	RL
Chloride		311	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.124	mg/L	0.0100
Total Barium		2.51	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Summary Report

Ike Tavarez
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: May 12, 2003

Work Order: 3050112

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
6523	MW-9	water	2003-04-30	09:15	2003-05-01
6524	MW-10	water	2003-04-28	16:00	2003-05-01
6525	MW-11	water	2003-04-28	12:35	2003-05-01
6526	MW-12	water	2003-04-30	11:00	2003-05-01
6527	MW-22	water	2003-04-28	10:15	2003-05-01
6528	MW-24	water	2003-04-28	15:05	2003-05-01
6529	MW-25	water	2003-04-28	13:55	2003-05-01
6530	MW-26	water	2003-04-30	09:50	2003-05-01
6531	MW-27	water	2003-04-30	10:25	2003-05-01
6532	MWD-3	water	2003-04-28	09:40	2003-05-01
6533	MWD-5	water	2003-04-30	12:45	2003-05-01
6534	TMW-3	water	2003-04-28	11:15	2003-05-01
6535	TMW-6	water	2003-04-28	14:25	2003-05-01

Sample: 6523 - MW-9

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		13.9	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6524 - MW-10

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		7.56	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100

continued ...

sample 6524 continued ...

Param	Flag	Result	Units	RL
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6525 - MW-11

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		2.30	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6526 - MW-12

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		2.77	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6527 - MW-22

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.886	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6528 - MW-24

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		3.66	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6529 - MW-25

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.328	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6530 - MW-26

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		5.26	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6531 - MW-27

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.131	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6532 - MWD-3

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.333	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6533 - MWD-5

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.0510	mg/L	0.0100
Total Barium		5.91	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6534 - TMW-3

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		3.31	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 6535 - TMW-6

Param	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.124	mg/L	0.0100
Total Barium		2.51	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424 800•378•1296
El Paso, Texas 79932 888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
915•585•3443 FAX 915•585•4944

Analytical and Quality Control Report

Ike Tavarez
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: May 12, 2003

Work Order: 3050112

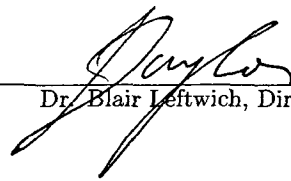
Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
6523	MW-9	water	2003-04-30	09:15	2003-05-01
6524	MW-10	water	2003-04-28	16:00	2003-05-01
6525	MW-11	water	2003-04-28	12:35	2003-05-01
6526	MW-12	water	2003-04-30	11:00	2003-05-01
6527	MW-22	water	2003-04-28	10:15	2003-05-01
6528	MW-24	water	2003-04-28	15:05	2003-05-01
6529	MW-25	water	2003-04-28	13:55	2003-05-01
6530	MW-26	water	2003-04-30	09:50	2003-05-01
6531	MW-27	water	2003-04-30	10:25	2003-05-01
6532	MWD-3	water	2003-04-28	09:40	2003-05-01
6533	MWD-5	water	2003-04-30	12:45	2003-05-01
6534	TMW-3	water	2003-04-28	11:15	2003-05-01
6535	TMW-6	water	2003-04-28	14:25	2003-05-01

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 8 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Analytical Report

Sample: 6523 - MW-9

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		13.9	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6524 - MW-10

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		7.56	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6525 - MW-11

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		2.30	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6526 - MW-12

Analysis: Total 8 Metals

Analytical Method: S 6010B

Prep Method: S 3010A

Report Date: May 12, 2003
1982

Work Order: 3050112
Eunice #1 South Gas Plant

Page Number: 3 of 8
Lea Co. N.M.

QC Batch: 1563
Prep Batch: 1221

Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		2.77	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6527 - MW-22

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.886	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6528 - MW-24

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		3.66	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6529 - MW-25

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.328	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6530 - MW-26

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		5.26	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6531 - MW-27

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.131	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6532 - MWD-3

Analysis: Total 8 Metals
QC Batch: 1563
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-14
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100

continued ...

sample 6532 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		0.333	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6533 - MWD-5

Analysis: Total 8 Metals
QC Batch: 1446
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-07
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.0510	mg/L	1	0.0100
Total Barium		5.91	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6534 - TMW-3

Analysis: Total 8 Metals
QC Batch: 1446
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-07
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		3.31	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6535 - TMW-6

Analysis: Total 8 Metals
QC Batch: 1446
Prep Batch: 1221

Analytical Method: S 6010B
Date Analyzed: 2003-05-07
Date Prepared: 2003-05-02

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.124	mg/L	1	0.0100

continued ...

sample 6535 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Total Barium		2.51	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Method Blank (1) QC Batch: 1446

Parameter	Flag	Result	Units	MDL
Total Silver		<0.00120	mg/L	0.001199
Total Arsenic		<0.00593	mg/L	0.00593
Total Barium		<0.000343	mg/L	0.000343
Total Cadmium		<0.000268	mg/L	0.000268
Total Chromium		<0.000660	mg/L	0.00066
Total Lead		<0.00367	mg/L	0.00367
Total Selenium		<0.0101	mg/L	0.0101

Method Blank (1) QC Batch: 1563

Parameter	Flag	Result	Units	MDL
Total Silver		<0.00120	mg/L	0.001199
Total Arsenic		<0.00593	mg/L	0.00593
Total Barium		<0.000343	mg/L	0.000343
Total Cadmium		<0.000268	mg/L	0.000268
Total Chromium		<0.000660	mg/L	0.00066
Total Lead		<0.00367	mg/L	0.00367
Total Selenium		<0.0101	mg/L	0.0101

Laboratory Control Spike (LCS-1) QC Batch: 1446

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.123	0.122	mg/L	1	0.125	<0.00120	98	1	80 - 120	20
Total Arsenic	0.455	0.438	mg/L	1	0.500	<0.00593	91	4	85 - 115	20
Total Barium	0.922	0.929	mg/L	1	1.00	<0.000343	92	1	85 - 115	20
Total Cadmium	0.254	0.253	mg/L	1	0.250	<0.000268	102	0	85 - 115	20
Total Chromium	0.101	0.100	mg/L	1	0.100	<0.000660	101	1	85 - 115	20
Total Lead	0.470	0.490	mg/L	1	0.500	<0.00367	94	4	85 - 115	20
Total Selenium	0.380	0.403	mg/L	1	0.500	<0.0101	76	6	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1563

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.123	0.122	mg/L	1	0.125	<0.00120	98	1	80 - 120	20
Total Arsenic	0.455	0.438	mg/L	1	0.500	<0.00593	91	4	85 - 115	20
Total Barium	0.922	0.929	mg/L	1	1.00	<0.000343	92	1	85 - 115	20
Total Cadmium	0.254	0.253	mg/L	1	0.250	<0.000268	102	0	85 - 115	20
Total Chromium	0.101	0.100	mg/L	1	0.100	<0.000660	101	1	85 - 115	20
Total Lead	0.470	0.490	mg/L	1	0.500	<0.00367	94	4	85 - 115	20
Total Selenium	0.380	0.403	mg/L	1	0.500	<0.0101	76	6	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1446

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.135	0.132	mg/L	1	0.125	<0.00120	108	2	75 - 125	20
Total Arsenic	0.537	0.533	mg/L	1	0.500	0.051	97	1	75 - 125	20
Total Barium	7.15	7.10	mg/L	1	1.00	5.91	124	1	75 - 125	20
Total Cadmium	0.280	0.280	mg/L	1	0.250	<0.000268	112	0	75 - 125	20
Total Chromium	0.110	0.111	mg/L	1	0.100	<0.000660	110	1	75 - 125	20
Total Lead	0.580	0.586	mg/L	1	0.500	<0.00367	116	1	75 - 125	20
Total Selenium	0.385	0.401	mg/L	1	0.500	<0.0101	77	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-2) QC Batch: 1563

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Lead	0.550	0.529	mg/L	1	0.500	<0.00367	110	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1) QC Batch: 1446

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.242	97	90 - 110	2003-05-07
Total Arsenic		mg/L	1.00	0.969	97	90 - 110	2003-05-07
Total Barium		mg/L	2.00	2.01	100	90 - 110	2003-05-07
Total Cadmium		mg/L	0.500	0.486	97	90 - 110	2003-05-07
Total Chromium		mg/L	0.200	0.202	101	90 - 110	2003-05-07
Total Lead		mg/L	1.00	1.05	105	90 - 110	2003-05-07
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2003-05-07

Standard (CCV-1) QC Batch: 1446

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.245	98	90 - 110	2003-05-07
Total Arsenic		mg/L	1.00	0.989	99	90 - 110	2003-05-07

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Barium		mg/L	2.00	2.04	102	90 - 110	2003-05-07
Total Cadmium		mg/L	0.500	0.476	95	90 - 110	2003-05-07
Total Chromium		mg/L	0.200	0.206	103	90 - 110	2003-05-07
Total Lead		mg/L	1.00	0.981	98	90 - 110	2003-05-07
Total Selenium		mg/L	1.00	0.946	95	90 - 110	2003-05-07

Standard (ICV-1) QC Batch: 1563

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.242	97	90 - 110	2003-05-14
Total Arsenic		mg/L	1.00	0.969	97	90 - 110	2003-05-14
Total Barium		mg/L	2.00	2.01	100	90 - 110	2003-05-14
Total Cadmium		mg/L	0.500	0.486	97	90 - 110	2003-05-14
Total Chromium		mg/L	0.200	0.202	101	90 - 110	2003-05-14
Total Lead		mg/L	1.00	1.05	105	90 - 110	2003-05-14
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2003-05-14

Standard (CCV-2) QC Batch: 1563

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Lead		mg/L	1.00	0.981	98	90 - 110	2003-05-14

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Ike Tavarez
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: May 12, 2003

Work Order: 3050112

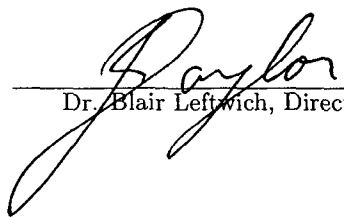
Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
6523	MW-9	water	2003-04-30	09:15	2003-05-01
6524	MW-10	water	2003-04-28	16:00	2003-05-01
6525	MW-11	water	2003-04-28	12:35	2003-05-01
6526	MW-12	water	2003-04-30	11:00	2003-05-01
6527	MW-22	water	2003-04-28	10:15	2003-05-01
6528	MW-24	water	2003-04-28	15:05	2003-05-01
6529	MW-25	water	2003-04-28	13:55	2003-05-01
6530	MW-26	water	2003-04-30	09:50	2003-05-01
6531	MW-27	water	2003-04-30	10:25	2003-05-01
6532	MWD-3	water	2003-04-28	09:40	2003-05-01
6533	MWD-5	water	2003-04-30	12:45	2003-05-01
6534	TMW-3	water	2003-04-28	11:15	2003-05-01
6535	TMW-6	water	2003-04-28	14:25	2003-05-01

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 21 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Analytical Report

Sample: 6523 - MW-9

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1382	Date Analyzed: 2003-05-02	Analyzed By: DK
Prep Batch: 1223	Date Prepared: 2003-05-02	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		6.41	mg/L	50	0.00100
Toluene		0.169	mg/L	50	0.00100
Ethylbenzene		0.260	mg/L	50	0.00100
Xylene (isomers)		0.134	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5.48	mg/L	50	0.100	110	61 - 127
4-Bromofluorobenzene (4-BFB)		4.84	mg/L	50	0.100	97	72.6 - 130

Sample: 6523 - MW-9

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1357	Date Analyzed: 2003-05-02	Analyzed By: JSW
Prep Batch: 1215	Date Prepared: 2003-05-01	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		415	mg/L	50	0.500

Sample: 6523 - MW-9

Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6524 - MW-10

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1410	Date Analyzed: 2003-05-05	Analyzed By: DK
Prep Batch: 1261	Date Prepared: 2003-05-05	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		32.7	mg/L	200	0.00100
Toluene		0.540	mg/L	200	0.00100
Ethylbenzene		<0.200	mg/L	200	0.00100
Xylene (isomers)		<0.200	mg/L	200	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		15.7	mg/L	200	0.100	78	61 - 127
4-Bromofluorobenzene (4-BFB)	¹	12.7	mg/L	200	0.100	64	72.6 - 130

Sample: 6524 - MW-10

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1358 Date Analyzed: 2003-05-02 Analyzed By: JSW
Prep Batch: 1216 Date Prepared: 2003-05-01 Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		451	mg/L	50	0.500

Sample: 6524 - MW-10

Analysis: Total 8 Metals Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1487 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1324 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6525 - MW-11

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1410 Date Analyzed: 2003-05-05 Analyzed By: DK
Prep Batch: 1261 Date Prepared: 2003-05-05 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		25.9	mg/L	200	0.00100
Toluene		3.30	mg/L	200	0.00100
Ethylbenzene		0.345	mg/L	200	0.00100
Xylene (isomers)		<0.200	mg/L	200	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		14.8	mg/L	200	0.100	74	61 - 127
4-Bromofluorobenzene (4-BFB)	²	12	mg/L	200	0.100	60	72.6 - 130

Sample: 6525 - MW-11

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1358 Date Analyzed: 2003-05-02 Analyzed By: JSW
Prep Batch: 1216 Date Prepared: 2003-05-01 Prepared By: JSW

¹Low BFB surrogate recovery due to matrix interference.

²Low BFB surrogate recovery due to matrix interference.

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		710	mg/L	100	0.500

Sample: 6525 - MW-11

Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6526 - MW-12

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1431	Date Analyzed: 2003-05-05	Analyzed By: DK
Prep Batch: 1275	Date Prepared: 2003-05-05	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		52.4	mg/L	1000	0.00100
Toluene		5.96	mg/L	1000	0.00100
Ethylbenzene		1.22	mg/L	1000	0.00100
Xylene (isomers)		1.71	mg/L	1000	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		110	mg/L	1000	0.100	110	61 - 127
4-Bromofluorobenzene (4-BFB)		88	mg/L	1000	0.100	88	72.6 - 130

Sample: 6526 - MW-12

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1358	Date Analyzed: 2003-05-02	Analyzed By: JSW
Prep Batch: 1216	Date Prepared: 2003-05-01	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2070	mg/L	100	0.500

Sample: 6526 - MW-12

Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

continued ...

Report Date: May 12, 2003
1982

Work Order: 3050112
Eunice #1 South Gas Plant

Page Number: 5 of 21
Lea Co. N.M.

sample 6526 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6527 - MW-22

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 1410 Date Analyzed: 2003-05-05 Analyzed By: DK
Prep Batch: 1261 Date Prepared: 2003-05-05 Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		1.10	mg/L	10	0.00100
Toluene		0.0153	mg/L	10	0.00100
Ethylbenzene		0.0329	mg/L	10	0.00100
Xylene (isomers)		0.0241	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.717	mg/L	10	0.100	72	61 - 127
4-Bromofluorobenzene (4-BFB)	³	0.598	mg/L	10	0.100	60	72.6 - 130

Sample: 6527 - MW-22

Analysis: Chloride (IC) Analytical Method: E 300.0 Prep Method: N/A
QC Batch: 1358 Date Analyzed: 2003-05-02 Analyzed By: JSW
Prep Batch: 1216 Date Prepared: 2003-05-01 Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		16200	mg/L	1000	0.500

Sample: 6527 - MW-22

Analysis: Total 8 Metals Analytical Method: S 7470A Prep Method: N/A
QC Batch: 1487 Date Analyzed: 2003-05-08 Analyzed By: BC
Prep Batch: 1324 Date Prepared: 2003-05-07 Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6528 - MW-24

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B

³Low BFB surrogate recovery due to matrix interference.

Report Date: May 12, 2003
1982

Work Order: 3050112
Eunice #1 South Gas Plant

Page Number: 6 of 21
Lea Co. N.M.

QC Batch: 1431
Prep Batch: 1275

Date Analyzed: 2003-05-05
Date Prepared: 2003-05-05

Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		37.7	mg/L	500	0.00100
Toluene		3.48	mg/L	500	0.00100
Ethylbenzene		<0.500	mg/L	500	0.00100
Xylene (isomers)		0.544	mg/L	500	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		52.6	mg/L	500	0.100	105	61 - 127
4-Bromofluorobenzene (4-BFB)		41.4	mg/L	500	0.100	83	72.6 - 130

Sample: 6528 - MW-24

Analysis: Chloride (IC)
QC Batch: 1358
Prep Batch: 1216

Analytical Method: E 300.0
Date Analyzed: 2003-05-02
Date Prepared: 2003-05-01

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		101	mg/L	10	0.500

Sample: 6528 - MW-24

Analysis: Total 8 Metals
QC Batch: 1487
Prep Batch: 1324

Analytical Method: S 7470A
Date Analyzed: 2003-05-08
Date Prepared: 2003-05-07

Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6529 - MW-25

Analysis: BTEX
QC Batch: 1390
Prep Batch: 1242

Analytical Method: S 8021B
Date Analyzed: 2003-05-02
Date Prepared: 2003-05-02

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		4.49	mg/L	20	0.00100
Toluene		0.0351	mg/L	20	0.00100
Ethylbenzene		0.347	mg/L	20	0.00100
Xylene (isomers)		0.0209	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.84	mg/L	20	0.100	92	61 - 127
4-Bromofluorobenzene (4-BFB)		1.71	mg/L	20	0.100	85	72.6 - 130

Report Date: May 12, 2003
1982

Work Order: 3050112
Eunice #1 South Gas Plant

Page Number: 7 of 21
Lea Co. N.M.

Sample: 6529 - MW-25

Analysis: Chloride (IC)
QC Batch: 1358
Prep Batch: 1216

Analytical Method: E 300.0
Date Analyzed: 2003-05-02
Date Prepared: 2003-05-01

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2350	mg/L	500	0.500

Sample: 6529 - MW-25

Analysis: Total 8 Metals
QC Batch: 1487
Prep Batch: 1324

Analytical Method: S 7470A
Date Analyzed: 2003-05-08
Date Prepared: 2003-05-07

Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6530 - MW-26

Analysis: BTEX
QC Batch: 1410
Prep Batch: 1261

Analytical Method: S 8021B
Date Analyzed: 2003-05-05
Date Prepared: 2003-05-05

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		7.99	mg/L	50	0.00100
Toluene		<0.0500	mg/L	50	0.00100
Ethylbenzene		0.116	mg/L	50	0.00100
Xylene (isomers)		<0.0500	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		5.43	mg/L	50	0.100	109	61 - 127
4-Bromofluorobenzene (4-BFB)		4.47	mg/L	50	0.100	89	72.6 - 130

Sample: 6530 - MW-26

Analysis: Chloride (IC)
QC Batch: 1358
Prep Batch: 1216

Analytical Method: E 300.0
Date Analyzed: 2003-05-02
Date Prepared: 2003-05-01

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		688	mg/L	50	0.500

Sample: 6530 - MW-26

Analysis: Total 8 Metals
QC Batch: 1487

Analytical Method: S 7470A
Date Analyzed: 2003-05-08

Prep Method: N/A
Analyzed By: BC

Report Date: May 12, 2003
1982

Work Order: 3050112
Eunice #1 South Gas Plant

Page Number: 8 of 21
Lea Co. N.M.

Prep Batch: 1324

Date Prepared: 2003-05-07

Prepared By: BC

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6531 - MW-27

Analysis: BTEX
QC Batch: 1390
Prep Batch: 1242

Analytical Method: S 8021B
Date Analyzed: 2003-05-02
Date Prepared: 2003-05-02

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Benzene		21.2	mg/L	200	0.00100
Toluene		0.606	mg/L	200	0.00100
Ethylbenzene		0.493	mg/L	200	0.00100
Xylene (isomers)		<0.200	mg/L	200	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		18.6	mg/L	200	0.100	93	61 - 127
4-Bromofluorobenzene (4-BFB)		17.6	mg/L	200	0.100	88	72.6 - 130

Sample: 6531 - MW-27

Analysis: Chloride (IC)
QC Batch: 1358
Prep Batch: 1216

Analytical Method: E 300.0
Date Analyzed: 2003-05-02
Date Prepared: 2003-05-01

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Chloride		815	mg/L	100	0.500

Sample: 6531 - MW-27

Analysis: Total 8 Metals
QC Batch: 1487
Prep Batch: 1324

Analytical Method: S 7470A
Date Analyzed: 2003-05-08
Date Prepared: 2003-05-07

Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL	Units	Dilution	RL
		Result			
Total Mercury		0.000580	mg/L	1	0.000200

Sample: 6532 - MWD-3

Analysis: BTEX
QC Batch: 1410
Prep Batch: 1261

Analytical Method: S 8021B
Date Analyzed: 2003-05-05
Date Prepared: 2003-05-05

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.928	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		0.0198	mg/L	10	0.00100
Xylene (isomers)		0.0168	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.08	mg/L	10	0.100	108	61 - 127
4-Bromofluorobenzene (4-BFB)		0.89	mg/L	10	0.100	89	72.6 - 130

Sample: 6532 - MWD-3

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1358	Date Analyzed: 2003-05-02	Analyzed By: JSW
Prep Batch: 1216	Date Prepared: 2003-05-01	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		47600	mg/L	5000	0.500

Sample: 6532 - MWD-3

Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200

Sample: 6533 - MWD-5

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1390	Date Analyzed: 2003-05-02	Analyzed By: DK
Prep Batch: 1242	Date Prepared: 2003-05-02	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		9.58	mg/L	100	0.00100
Toluene		3.96	mg/L	100	0.00100
Ethylbenzene		0.440	mg/L	100	0.00100
Xylene (isomers)		0.500	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		9.03	mg/L	100	0.100	90	61 - 127
4-Bromofluorobenzene (4-BFB)		7.91	mg/L	100	0.100	79	72.6 - 130

Sample: 6533 - MWD-5

Report Date: May 12, 2003
1982

Work Order: 3050112
Eunice #1 South Gas Plant

Page Number: 10 of 21
Lea Co. N.M.

Analysis: Chloride (IC)
QC Batch: 1358
Prep Batch: 1216

Analytical Method: E 300.0
Date Analyzed: 2003-05-02
Date Prepared: 2003-05-01

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1290	mg/L	100	0.500

Sample: 6533 - MWD-5

Analysis: Total 8 Metals
QC Batch: 1446
Prep Batch: 1221
Analysis: Total 8 Metals
QC Batch: 1487
Prep Batch: 1324

Analytical Method: S 6010B
Date Analyzed: 2003-05-07
Date Prepared: 2003-05-02
Analytical Method: S 7470A
Date Analyzed: 2003-05-08
Date Prepared: 2003-05-07

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.0510	mg/L	1	0.0100
Total Barium		5.91	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		0.000270	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6534 - TMW-3

Analysis: BTEX
QC Batch: 1410
Prep Batch: 1261

Analytical Method: S 8021B
Date Analyzed: 2003-05-05
Date Prepared: 2003-05-05

Prep Method: S 5030B
Analyzed By: DK
Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.328	mg/L	5	0.00100
Toluene		0.167	mg/L	5	0.00100
Ethylbenzene		0.446	mg/L	5	0.00100
Xylene (isomers)		0.0121	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.496	mg/L	5	0.100	99	61 - 127
4-Bromofluorobenzene (4-BFB)		0.46	mg/L	5	0.100	92	72.6 - 130

Sample: 6534 - TMW-3

Analysis: Chloride (IC)
QC Batch: 1391
Prep Batch: 1243

Analytical Method: E 300.0
Date Analyzed: 2003-05-05
Date Prepared: 2003-05-05

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		897	mg/L	100	0.500

Sample: 6534 - TMW-3

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1446	Date Analyzed: 2003-05-07	Analyzed By: RR
Prep Batch: 1221	Date Prepared: 2003-05-02	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		3.31	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 6535 - TMW-6

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 1390	Date Analyzed: 2003-05-02	Analyzed By: DK
Prep Batch: 1242	Date Prepared: 2003-05-02	Prepared By: DK

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		3.63	mg/L	20	0.00100
Toluene		0.0247	mg/L	20	0.00100
Ethylbenzene		0.790	mg/L	20	0.00100
Xylene (isomers)		0.0683	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.66	mg/L	20	0.100	83	61 - 127
4-Bromofluorobenzene (4-BFB)		1.53	mg/L	20	0.100	77	72.6 - 130

Sample: 6535 - TMW-6

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 1391	Date Analyzed: 2003-05-05	Analyzed By: JSW
Prep Batch: 1243	Date Prepared: 2003-05-05	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		311	mg/L	50	0.500

Sample: 6535 - TMW-6

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 1446	Date Analyzed: 2003-05-07	Analyzed By: RR
Prep Batch: 1221	Date Prepared: 2003-05-02	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 1487	Date Analyzed: 2003-05-08	Analyzed By: BC
Prep Batch: 1324	Date Prepared: 2003-05-07	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.124	mg/L	1	0.0100
Total Barium		2.51	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Method Blank (1) QC Batch: 1357

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1358

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1382

Parameter	Flag	Result	Units	MDL
Benzene		<0.000350	mg/L	0.00035
Toluene		<0.000550	mg/L	0.00055
Ethylbenzene		<0.000690	mg/L	0.00069
Xylene (isomers)		<0.00183	mg/L	0.00183

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0991	mg/L	1	0.100	99	61 - 127
4-Bromofluorobenzene (4-BFB)		0.0908	mg/L	1	0.100	91	72.6 - 130

Method Blank (1) QC Batch: 1390

Parameter	Flag	Result	Units	MDL
Benzene		<0.000350	mg/L	0.00035
Toluene		<0.000550	mg/L	0.00055
Ethylbenzene		<0.000690	mg/L	0.00069
Xylene (isomers)		<0.00183	mg/L	0.00183

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.106	mg/L	1	0.100	106	61 - 127
4-Bromofluorobenzene (4-BFB)		0.0923	mg/L	1	0.100	92	72.6 - 130

Method Blank (1) QC Batch: 1391

Parameter	Flag	Result	Units	MDL
Chloride		<1.49	mg/L	1.4949

Method Blank (1) QC Batch: 1410

Parameter	Flag	Result	Units	MDL
Benzene		<0.000350	mg/L	0.00035
Toluene		<0.000550	mg/L	0.00055
Ethylbenzene		<0.000690	mg/L	0.00069
Xylene (isomers)		<0.00183	mg/L	0.00183

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0864	mg/L	1	0.100	86	61 - 127
4-Bromofluorobenzene (4-BFB)	4	0.0721	mg/L	1	0.100	72	72.6 - 130

Method Blank (1) QC Batch: 1431

Parameter	Flag	Result	Units	MDL
Benzene		<0.000350	mg/L	0.00035
Toluene		<0.000550	mg/L	0.00055
Ethylbenzene		<0.000690	mg/L	0.00069
Xylene (isomers)		<0.00183	mg/L	0.00183

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	5	0.0399	mg/L	1	0.100	40	61 - 127
4-Bromofluorobenzene (4-BFB)	6	0.0267	mg/L	1	0.100	27	72.6 - 130

Method Blank (1) QC Batch: 1446

⁴Low BFB surrogate recovery due to prep. ICV, CCV show the method to be in control.

⁵Low surrogate recovery due to prep. ICV, CCV show the method to be in control.

⁶Low surrogate recovery due to prep. ICV, CCV show the method to be in control.

Parameter	Flag	Result	Units	MDL
Total Silver		<0.00120	mg/L	0.001199
Total Arsenic		<0.00593	mg/L	0.00593
Total Barium		<0.000343	mg/L	0.000343
Total Cadmium		<0.000268	mg/L	0.000268
Total Chromium		<0.000660	mg/L	0.00066
Total Lead		<0.00367	mg/L	0.00367
Total Selenium		<0.0101	mg/L	0.0101

Method Blank (1) QC Batch: 1487

Parameter	Flag	Result	Units	MDL
Total Mercury		<0.0000360	mg/L	3.6e-05

Laboratory Control Spike (LCS-1) QC Batch: 1357

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.1	12.1	mg/L	1	12.5	<1.49	97	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1358

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.2	12.1	mg/L	1	12.5	<1.49	98	1	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1382

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.106	0.111	mg/L	1	0.100	<0.000350	106	4	77.7 - 115	20
Benzene	0.106	0.111	mg/L	1	0.100	<0.000350	106	4	77.7 - 115	20
Toluene	0.104	0.110	mg/L	1	0.100	<0.000550	104	5	76.5 - 114	20
Toluene	0.104	0.110	mg/L	1	0.100	<0.000550	104	5	76.5 - 114	20
Ethylbenzene	0.100	0.105	mg/L	1	0.100	<0.000690	100	4	78.7 - 112	20
Ethylbenzene	0.100	0.105	mg/L	1	0.100	<0.000690	100	4	78.7 - 112	20
Xylene (isomers)	0.299	0.313	mg/L	1	0.300	<0.00183	100	5	66.3 - 123	20
Xylene (isomers)	0.299	0.313	mg/L	1	0.300	<0.00183	100	5	66.3 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0982	0.101	mg/L	1	0.100	98	101	61 - 127
Trifluorotoluene (TFT)	0.0982	0.101	mg/L	1	0.100	98	101	61 - 127
4-Bromofluorobenzene (4-BFB)	0.0975	0.0995	mg/L	1	0.100	98	100	72.6 - 130

continued ...

control spikes continued ...

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	0.0975	0.0995	mg/L	1	0.100	98	100	72.6 - 130

Laboratory Control Spike (LCS-1) QC Batch: 1390

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.105	0.113	mg/L	1	0.100	<0.000350	105	7	77.7 - 115	20
Toluene	0.104	0.111	mg/L	1	0.100	<0.000550	104	6	76.5 - 114	20
Ethylbenzene	0.101	0.106	mg/L	1	0.100	<0.000690	101	5	78.7 - 112	20
Xylene (isomers)	0.301	0.316	mg/L	1	0.300	<0.00183	100	5	66.3 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.101	0.104	mg/L	1	0.100	101	104	61 - 127
4-Bromofluorobenzene (4-BFB)	0.102	0.102	mg/L	1	0.100	102	102	72.6 - 130

Laboratory Control Spike (LCS-1) QC Batch: 1391

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.7	12.6	mg/L	1	12.5	<1.49	102	1	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1410

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.109	0.109	mg/L	1	0.100	<0.000350	109	0	77.7 - 115	20
Benzene	0.109	0.109	mg/L	1	0.100	<0.000350	109	0	77.7 - 115	20
Toluene	0.107	0.107	mg/L	1	0.100	<0.000550	107	0	76.5 - 114	20
Toluene	0.107	0.107	mg/L	1	0.100	<0.000550	107	0	76.5 - 114	20
Ethylbenzene	0.103	0.103	mg/L	1	0.100	<0.000690	103	0	78.7 - 112	20
Ethylbenzene	0.103	0.103	mg/L	1	0.100	<0.000690	103	0	78.7 - 112	20
Xylene (isomers)	0.305	0.306	mg/L	1	0.300	<0.00183	102	0	66.3 - 123	20
Xylene (isomers)	0.305	0.306	mg/L	1	0.300	<0.00183	102	0	66.3 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0896	0.0907	mg/L	1	0.100	90	91	61 - 127
Trifluorotoluene (TFT)	0.0896	0.0907	mg/L	1	0.100	90	91	61 - 127
4-Bromofluorobenzene (4-BFB)	0.0881	0.0887	mg/L	1	0.100	88	89	72.6 - 130
4-Bromofluorobenzene (4-BFB)	0.0881	0.0887	mg/L	1	0.100	88	89	72.6 - 130

Laboratory Control Spike (LCS-1) QC Batch: 1431

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.110	0.109	mg/L	1	0.100	<0.000350	110	1	77.7 - 115	20
Toluene	0.108	0.107	mg/L	1	0.100	<0.000550	108	1	76.5 - 114	20
Ethylbenzene	0.104	0.102	mg/L	1	0.100	<0.000690	104	2	78.7 - 112	20
Xylene (isomers)	0.308	0.302	mg/L	1	0.300	<0.00183	102	2	66.3 - 123	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0895	0.0876	mg/L	1	0.100	90	88	61 - 127
4-Bromofluorobenzene (4-BFB)	0.0897	0.0870	mg/L	1	0.100	90	87	72.6 - 130

Laboratory Control Spike (LCS-1) QC Batch: 1446

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.123	0.122	mg/L	1	0.125	<0.00120	98	1	80 - 120	20
Total Arsenic	0.455	0.438	mg/L	1	0.500	<0.00593	91	4	85 - 115	20
Total Barium	0.922	0.929	mg/L	1	1.00	<0.000343	92	1	85 - 115	20
Total Cadmium	0.254	0.253	mg/L	1	0.250	<0.000268	102	0	85 - 115	20
Total Chromium	0.101	0.100	mg/L	1	0.100	<0.000660	101	1	85 - 115	20
Total Lead	0.470	0.490	mg/L	1	0.500	<0.00367	94	4	85 - 115	20
Total Selenium	0.380	0.403	mg/L	1	0.500	<0.0101	76	6	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 1487

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00112	0.00100	mg/L	1	0.00100	<0.0000360	112	11	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1357

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	10800	10700	mg/L	500	12.5	4700	98	1	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1358

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	2490	2500	mg/L	100	12.5	1290	96	0	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1391

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	5570	5560	mg/L	40	12.5	5200	74	200	32.7 - 136	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 1446

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.135	0.132	mg/L	1	0.125	<0.00120	108	2	75 - 125	20
Total Arsenic	0.537	0.533	mg/L	1	0.500	0.051	97	1	75 - 125	20
Total Barium	7.15	7.10	mg/L	1	1.00	5.91	124	1	75 - 125	20
Total Cadmium	0.280	0.280	mg/L	1	0.250	<0.000268	112	0	75 - 125	20
Total Chromium	0.110	0.111	mg/L	1	0.100	<0.000660	110	1	75 - 125	20
Total Lead	0.580	0.586	mg/L	1	0.500	<0.00367	116	1	75 - 125	20
Total Selenium	0.385	0.401	mg/L	1	0.500	<0.0101	77	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-2) QC Batch: 1487

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00104	0.00102	mg/L	1	0.00100	0.00027	77	2	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1) QC Batch: 1357

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.2	98	90 - 110	2003-05-02

Standard (CCV-1) QC Batch: 1357

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.1	97	90 - 110	2003-05-02

Standard (ICV-1) QC Batch: 1358

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.1	97	90 - 110	2003-05-02

Standard (CCV-1) QC Batch: 1358

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.1	97	90 - 110	2003-05-02

Standard (ICV-1) QC Batch: 1382

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0998	100	85 - 115	2003-05-02
Toluene		mg/L	0.100	0.0995	100	85 - 115	2003-05-02
Ethylbenzene		mg/L	0.100	0.0955	96	85 - 115	2003-05-02
Xylene (isomers)		mg/L	0.300	0.286	95	85 - 115	2003-05-02

Standard (CCV-2) QC Batch: 1382

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.114	114	85 - 115	2003-05-02
Toluene		mg/L	0.100	0.110	110	85 - 115	2003-05-02
Ethylbenzene		mg/L	0.100	0.106	106	85 - 115	2003-05-02
Xylene (isomers)		mg/L	0.300	0.312	104	85 - 115	2003-05-02

Standard (ICV-1) QC Batch: 1390

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.114	114	85 - 115	2003-05-02
Toluene		mg/L	0.100	0.111	111	85 - 115	2003-05-02
Ethylbenzene		mg/L	0.100	0.107	107	85 - 115	2003-05-02
Xylene (isomers)		mg/L	0.300	0.318	106	85 - 115	2003-05-02

Standard (CCV-1) QC Batch: 1390

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.109	109	85 - 115	2003-05-02
Toluene		mg/L	0.100	0.106	106	85 - 115	2003-05-02
Ethylbenzene		mg/L	0.100	0.104	104	85 - 115	2003-05-02
Xylene (isomers)		mg/L	0.300	0.306	102	85 - 115	2003-05-02

Standard (CCV-2) QC Batch: 1390

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.107	107	85 - 115	2003-05-02
Toluene		mg/L	0.100	0.104	104	85 - 115	2003-05-02

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Ethylbenzene		mg/L	0.100	0.101	101	85 - 115	2003-05-02
Xylene (isomers)		mg/L	0.300	0.298	99	85 - 115	2003-05-02

Standard (ICV-1) QC Batch: 1391

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.7	102	90 - 110	2003-05-05

Standard (CCV-1) QC Batch: 1391

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.7	102	90 - 110	2003-05-05

Standard (ICV-1) QC Batch: 1410

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.108	108	85 - 115	2003-05-05
Toluene		mg/L	0.100	0.106	106	85 - 115	2003-05-05
Ethylbenzene		mg/L	0.100	0.100	100	85 - 115	2003-05-05
Xylene (isomers)		mg/L	0.300	0.300	100	85 - 115	2003-05-05

Standard (CCV-2) QC Batch: 1410

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.108	108	85 - 115	2003-05-05
Toluene		mg/L	0.100	0.106	106	85 - 115	2003-05-05
Ethylbenzene		mg/L	0.100	0.102	102	85 - 115	2003-05-05
Xylene (isomers)		mg/L	0.300	0.300	100	85 - 115	2003-05-05

Standard (CCV-1) QC Batch: 1431

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.106	106	85 - 115	2003-05-05
Toluene		mg/L	0.100	0.105	105	85 - 115	2003-05-05
Ethylbenzene		mg/L	0.100	0.101	101	85 - 115	2003-05-05
Xylene (isomers)		mg/L	0.300	0.298	99	85 - 115	2003-05-05

Standard (CCV-2) QC Batch: 1431

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.108	108	85 - 115	2003-05-05
Toluene		mg/L	0.100	0.106	106	85 - 115	2003-05-05
Ethylbenzene		mg/L	0.100	0.102	102	85 - 115	2003-05-05
Xylene (isomers)		mg/L	0.300	0.303	101	85 - 115	2003-05-05

Standard (ICV-1) QC Batch: 1446

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.242	97	90 - 110	2003-05-07
Total Arsenic		mg/L	1.00	0.969	97	90 - 110	2003-05-07
Total Barium		mg/L	2.00	2.01	100	90 - 110	2003-05-07
Total Cadmium		mg/L	0.500	0.486	97	90 - 110	2003-05-07
Total Chromium		mg/L	0.200	0.202	101	90 - 110	2003-05-07
Total Lead		mg/L	1.00	1.05	105	90 - 110	2003-05-07
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2003-05-07

Standard (CCV-1) QC Batch: 1446

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.250	0.245	98	90 - 110	2003-05-07
Total Arsenic		mg/L	1.00	0.989	99	90 - 110	2003-05-07
Total Barium		mg/L	2.00	2.04	102	90 - 110	2003-05-07
Total Cadmium		mg/L	0.500	0.476	95	90 - 110	2003-05-07
Total Chromium		mg/L	0.200	0.206	103	90 - 110	2003-05-07
Total Lead		mg/L	1.00	0.981	98	90 - 110	2003-05-07
Total Selenium		mg/L	1.00	0.946	95	90 - 110	2003-05-07

Standard (ICV-1) QC Batch: 1487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00108	108	80 - 120	2003-05-08

Standard (CCV-1) QC Batch: 1487

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000930	93	80 - 120	2003-05-08

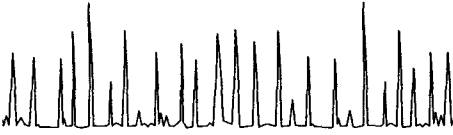
Standard (CCV-2) QC Batch: 1487

Report Date: May 12, 2003
1982

Work Order: 3050112
Eunice #1 South Gas Plant

Page Number: 21 of 21
Lea Co. N.M.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000930	93	80 - 120	2003-05-08



TRACE ANALYSIS, INC.



6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424 800•378•1296
El Paso, Texas 79932 888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296 FAX 806•794•1298
915•585•3443 FAX 915•585•4944

ANALYTICAL RESULTS FOR
HIGHLANDER ENVIRONMENTAL CORP.
Attention: Ike Tavarez
1910 N. Big Spring St.
Midland, TX 79705

May 12, 2003
Receiving Date: 05/01/2003
Sample Type: Oil
Project No: 1982
Client Name: Chevron Texaco

Work Order: 3050112
Prep Date: 05/06/2003
Analysis Date: 05/06/2003
Sampling Date: 04/30/2003
Sample Condition: I & C
Sample Received by: VH
Project Name: Eunice #1
South Plant, Lea Co., NM

TA#: 6536
FIELD CODE: MW-28

FINGERPRINT

Sample 6536 was diluted with pentane and analyzed by GC, FID, capillary column and direct injection. The fingerprint indicates that the product is primarily gasoline.

CHEMIST: BP



Director, Dr. Blair Leftwich

5-12-03

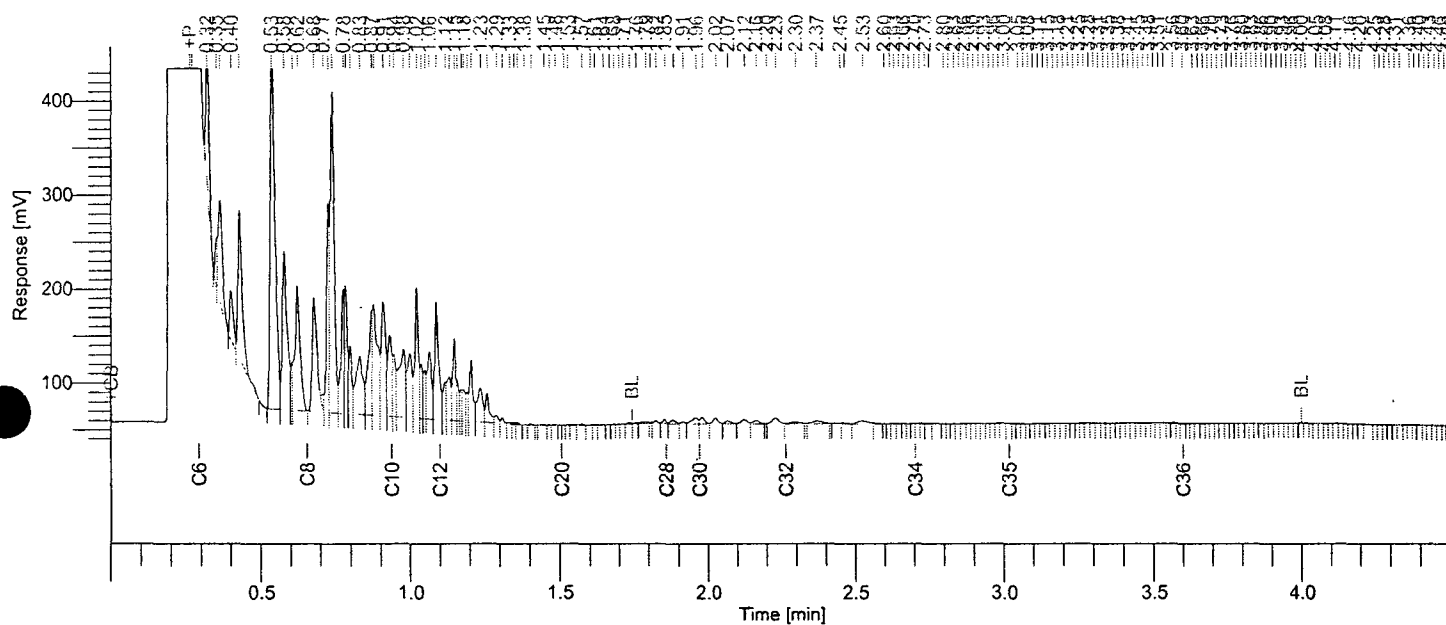
DATE

Software Version : 6.1.2.0.1:D19
 Operator : Turbochrom
 Sample Number : 007
 AutoSampler : BUILT-IN
 Instrument Name : TPH2
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 5/6/03 2:42:30 AM

Date : 5/6/03 1:06:51 PM
 Sample Name : 6536
 Study :
 Rack/Vial : 0/7
 Channel : A
 A/D mV Range : 1000
 End Time : 4.57 min
 Area Reject : 0.000000
 Dilution Factor : 400.00
 Cycle : 7

Raw Data File : D:\Data\TPH2\EUT2A007.raw <Modified>
 Result File : D:\Data\TPH2\EUT2A007.rst
 Inst Method : D:\Methods\TPH2EXTSUR from D:\Data\TPH2\EUT2A007.rst
 Proc Method : D:\Methods\TPH2EXTSUR.mth
 Calib Method : D:\Methods\TPH2EXTSUR.mth
 Sequence File : D:\Sequence\EUT2A.seq

6536 Product
1:400 Dilution



TX1005

Analytical Method: TX1005
 Reporting Units: mg/Kg
 Matrix: soil

Component Name	Adjusted Amount	Raw Amount	Area [μV s]
Gasoline	719462.6	1798.7	3263561.40
C6-C35	1495.9	3.7	3739721.96
Surrogate	8541.4	21.4	42737.03
Diesel	95000.1	237.5	476160.56
>C12-C35	190.5	0.5	476160.56
			7998341.51

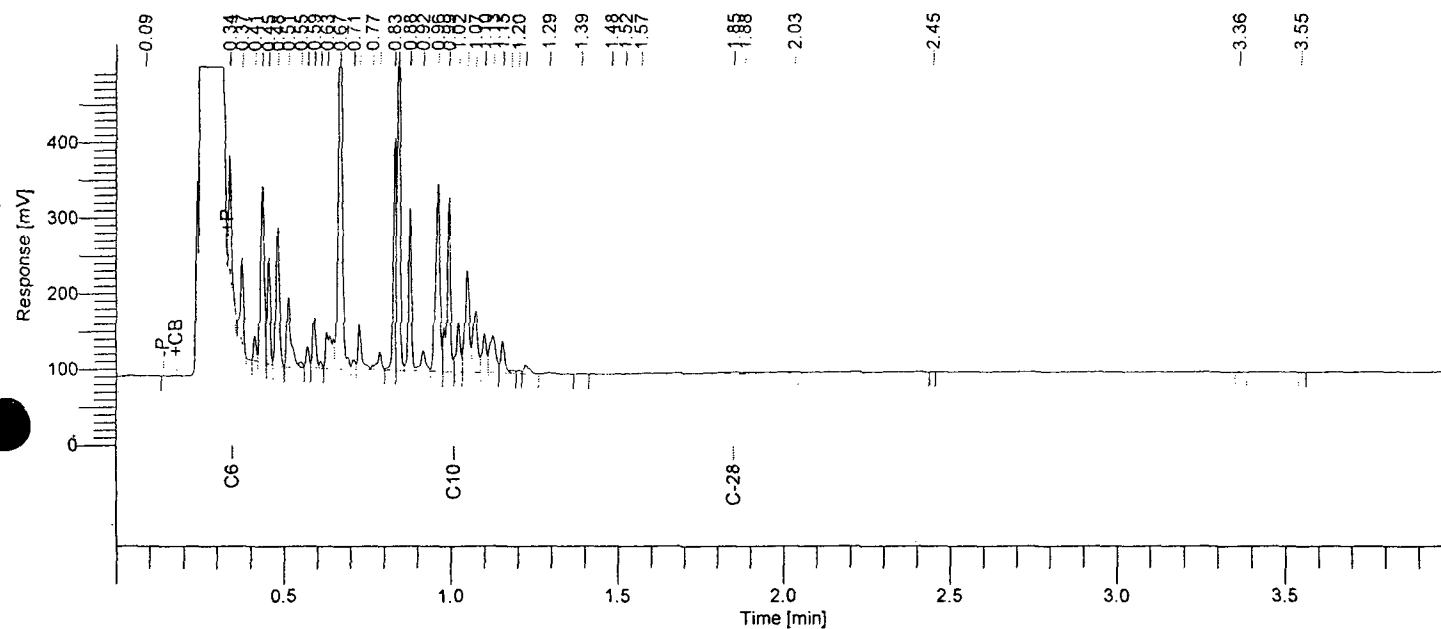
Report stored in ASCII file: D:\Data\TPH2\EUT2A007.TX0

Software Version : 6.1.0.2:G07
 Operator : TurboChrom
 Sample Number : 004
 AutoSampler : BUILT-IN
 Instrument Name : GC6
 Instrument Serial # : None
 Delay Time : 0.00 min
 Sampling Rate : 25.0000 pts/s
 Volume Injected : 1.000000 ul
 Sample Amount : 1.0000
 Data Acquisition Time : 02/09/99 12:34:33 PM

Date : 02/09/99 01:31:47 PM
 Sample Name : Gasoline*100
 Study : TPH
 Rack/Vial : 0/4
 Channel : A
 A/D mV Range : 1000
 End Time : 4.00 min
 Area Reject : 0.000000
 Dilution Factor : 100.00
 Cycle : 4

Raw Data File : T:\Data\GC6\BN6A004.raw
 Inst Method : D:\Method\TPHEZ from T:\Data\GC6\BN6A004.raw
 Proc Method : T:\Method\TPHEZ.mth
 Calib Method : T:\Method\TPHEZ.mth
 Sequence File : D:\Sequence\BN6A.seq

Gasoline Standard
1:100 dilution



TX1005

Analytical Method: TX1005
 Reporting Units: mg/L
 Matrix: water

Component Name	Adjusted Amount	Raw Amount	Area [μV·s]
C6	0.7	0.0	7469.00
	8.0	0.1	80386.66
TPH AS GASOLINE	515292.0	5152.9	2330238.71
TPH AS DIESEL	60228.5	602.3	443364.97
	0.3	0.0	2651.41
	0.2	0.0	1628.05
	0.0	0.0	209.85
	0.0	0.0	239.83
	0.0	0.0	203.58
			2866392.07

Report stored in ASCII file: .TX0

6523-36

3050

Analysis Request and Chain of Custody Record

HIGHLANDER ENVIRONMENTAL CORP.

1910 N. Big Spring St.
Midland, Texas 79705

(915) 882-4559

Fax (915) 882-3948

CLIENT NAME:

SITE MANAGER:

SEE MANAGER.
IKE TAVAREZ

PROJECT NO.:

PROJECT NAME:

PROJECT NAME: Eunice #1 South Plant, Lea Co. NM

SAMPLE IDENTIFICATION

LAB I.D. NUMBER	DATE	TIME	MATRIX COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF FILTERED (%)	HCL	HNOS	ICE	NONE	BTEX 8020/ MTBE 8020/	TPH 419.	PAH 8270	RCA Metals	TCP Volatiles	TCP Semi V	RGI	GCMS Vol C	GCMS Seml	PCE# 8080/ Post. 808/6/8 p	BOD, TSS, P	Gammma Spec	Alpha Beta	PLM (Asbestos)
6523	4/24/03	9:15	V		MW-9	4 Y	X X	X	X		X			X										X
24	4/28/03	4:00	W		MW-10	4 Y	X X	X	X		X			X										X
25	4/28/03	12:55	W		MW-11	4 Y	X X	X	X		X			X										X
26	4/30/03	11:00	W		MW-12	4 Y	X X	X	X		X			X										X
27	4/28/03	10:15	W		MW-22	4 Y	X X	X	X		X			X										X
28	4/28/03	3:05	W		MW-24	4 Y	X X	X	X		X			X										X
29	4/28/03	1:55	W		MW-25	4 Y	X X	X	X		X			X										X
30	4/30/03	9:50	W		MW-26	4 Y	X X	X	X		X			X										X
31	4/30/03	10:25	W		MW-27	4 Y	X X	X	X		X			X										X

RELIQUISHED BY: (Signature) _____ Date: 4/30/03 Time: 4:30 PM

RELINQUISHED BY: (Signature) _____ Date: 4/30/03 Time: 4:30 PM

RELINQUISHED BY: (Signature) _____ Date: 4/30/03 Time: 4:30 PM

RECEIVING LABORATORY: TRAC ADDRESS: City: State: ZIP: PHONE:

CITY: STATE: DATE: 5-1-03 TIME: 11:14

REMARKS: DYE TAVEREZ AT F 5/15/03

Please fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy Accounting receives Gold copy.

**2nd Semi-Annual Sampling
October 2003**

Summary Report

Ike Tavarez
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: November 6, 2003

Work Order: 3103006

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
20403	MW-9	water	2003-10-28	09:35	2003-10-30
20404	MW-10	water	2003-10-27	13:10	2003-10-30
20405	MW-11	water	2003-10-27	14:40	2003-10-30
20406	MW-12	water	2003-10-28	11:00	2003-10-30
20407	MW-24	water	2003-10-27	14:30	2003-10-30
20408	MW-25	water	2003-10-27	11:10	2003-10-30
20409	MW-26	water	2003-10-27	12:35	2003-10-30
20410	MW-27	water	2003-10-27	11:45	2003-10-30
20411	MWD-3	water	2003-10-28	11:40	2003-10-30
20412	MWD-5	water	2003-10-28	10:30	2003-10-30
20413	MWD-9	water	2003-10-28	12:10	2003-10-30
20414	TMW-3	water	2003-10-27	10:30	2003-10-30
20415	TMW-6	water	2003-10-27	10:00	2003-10-30

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (isomers) (mg/L)
20403 - MW-9	8.51	0.581	0.614	0.469
20404 - MW-10	41.6	0.809	0.612	0.248
20405 - MW-11	43.1	6.60	3.13	6.43
20406 - MW-12	50.2	5.33	2.58	4.05
20407 - MW-24	26.6	1.48	0.756	1.29
20408 - MW-25	2.72	<0.0500	0.308	<0.0500
20409 - MW-26	5.78	<0.0500	0.200	<0.0500
20410 - MW-27	11.2	0.403	0.426	0.396
20411 - MWD-3	0.780	<0.0100	0.0612	<0.0100
20412 - MWD-5	8.01	3.55	0.465	0.680
20413 - MWD-9	<0.00500	<0.00500	<0.00500	<0.00500
20414 - TMW-3	0.0189	<0.00100	0.262	<0.00100
20415 - TMW-6	3.88	<0.0500	0.725	<0.0500

Sample: 20403 - MW-9

continued ...

Sample 20403 continued ...

Param	Flag	Result	Units	RL
Param	Flag	Result	Units	RL
Chloride		357	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		12.6	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20404 - MW-10

Param	Flag	Result	Units	RL
Chloride		469	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		5.51	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20405 - MW-11

Param	Flag	Result	Units	RL
Chloride		532	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.66	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20406 - MW-12

Param	Flag	Result	Units	RL
Chloride		2260	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.298	mg/L	0.0100
Total Barium		1.53	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200

continued ...

Sample 20406 continued ...

Param	Flag	Result	Units	RL
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20407 - MW-24

Param	Flag	Result	Units	RL
Chloride		133	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		3.79	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20408 - MW-25

Param	Flag	Result	Units	RL
Chloride		1540	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.150	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20409 - MW-26

Param	Flag	Result	Units	RL
Chloride		801	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		4.13	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20410 - MW-27

Param	Flag	Result	Units	RL
Chloride		1270	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125

continued ...

Sample 20410 continued ...

Param	Flag	Result	Units	RL
Total Arsenic		0.105	mg/L	0.0100
Total Barium		0.147	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		0.000440	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20411 - MWD-3

Param	Flag	Result	Units	RL
Chloride		58300	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0720	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20412 - MWD-5

Param	Flag	Result	Units	RL
Chloride		1120	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.0790	mg/L	0.0100
Total Barium		4.54	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		0.000370	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20413 - MWD-9

Param	Flag	Result	Units	RL
Chloride		29200	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0500	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20414 - TMW-3

Param	Flag	Result	Units	RL
Chloride		630	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.0310	mg/L	0.0100
Total Barium		2.83	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		0.0480	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20415 - TMW-6

Param	Flag	Result	Units	RL
Chloride		567	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		0.173	mg/L	0.0100
Total Barium		1.53	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100



TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296
888•588•3443
E-Mail: lab@traceanalysis.com

806•794•1296
915•585•3443

FAX 806•794•1298
FAX 915•585•4944

Analytical and Quality Control Report

Ike Tavaréz
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: November 6, 2003

Work Order: 3103006

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
20403	MW-9	water	2003-10-28	09:35	2003-10-30
20404	MW-10	water	2003-10-27	13:10	2003-10-30
20405	MW-11	water	2003-10-27	14:40	2003-10-30
20406	MW-12	water	2003-10-28	11:00	2003-10-30
20407	MW-24	water	2003-10-27	14:30	2003-10-30
20408	MW-25	water	2003-10-27	11:10	2003-10-30
20409	MW-26	water	2003-10-27	12:35	2003-10-30
20410	MW-27	water	2003-10-27	11:45	2003-10-30
20411	MWD-3	water	2003-10-28	11:40	2003-10-30
20412	MWD-5	water	2003-10-28	10:30	2003-10-30
20413	MWD-9	water	2003-10-28	12:10	2003-10-30
20414	TMW-3	water	2003-10-27	10:30	2003-10-30
20415	TMW-6	water	2003-10-27	10:00	2003-10-30

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 26 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Analytical Report

Sample: 20403 - MW-9

Analysis: BTEX
QC Batch: 5475
Prep Batch: 4896

Analytical Method: S 8021B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-31

Prep Method: S 5030B
Analyzed By: MT
Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		8.51	mg/L	100	0.00100
Toluene		0.581	mg/L	100	0.00100
Ethylbenzene		0.614	mg/L	100	0.00100
Xylene (isomers)		0.469	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		8.75	mg/L	100	0.100	88	52.9 - 135
4-Bromofluorobenzene (4-BFB)		9.03	mg/L	100	0.100	90	45.5 - 147

Sample: 20403 - MW-9

Analysis: Chloride (IC)
QC Batch: 5446
Prep Batch: 4874

Analytical Method: E 300.0
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-30

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		357	mg/L	50	0.500

Sample: 20403 - MW-9

Analysis: Total 8 Metals
QC Batch: 5473
Prep Batch: 4883
Analysis: Total 8 Metals
QC Batch: 5540
Prep Batch: 4948

Analytical Method: S 6010B
Date Analyzed: 2003-11-03
Date Prepared: 2003-10-31
Analytical Method: S 7470A
Date Analyzed: 2003-11-05
Date Prepared: 2003-11-04

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		12.6	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20404 - MW-10

Analysis: BTEX
QC Batch: 5496
Prep Batch: 4916

Analytical Method: S 8021B
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 5030B
Analyzed By: MT
Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		41.6	mg/L	200	0.00100
Toluene		0.809	mg/L	200	0.00100
Ethylbenzene		0.612	mg/L	200	0.00100
Xylene (isomers)		0.248	mg/L	200	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		22.1	mg/L	200	0.100	110	70 - 130
4-Bromofluorobenzene (4-BFB)		23.2	mg/L	200	0.100	116	70 - 130

Sample: 20404 - MW-10

Analysis: Chloride (IC)
QC Batch: 5446
Prep Batch: 4874

Analytical Method: E 300.0
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-30

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		469	mg/L	50	0.500

Sample: 20404 - MW-10

Analysis: Total 8 Metals
QC Batch: 5473
Prep Batch: 4883
Analysis: Total 8 Metals
QC Batch: 5540
Prep Batch: 4948

Analytical Method: S 6010B
Date Analyzed: 2003-11-03
Date Prepared: 2003-10-31
Analytical Method: S 7470A
Date Analyzed: 2003-11-05
Date Prepared: 2003-11-04

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		5.51	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20405 - MW-11

Analysis: BTEX
QC Batch: 5497
Prep Batch: 4917

Analytical Method: S 8021B
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 5030B
Analyzed By: MT
Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		43.1	mg/L	500	0.00100
Toluene		6.60	mg/L	500	0.00100
Ethylbenzene		3.13	mg/L	500	0.00100
Xylene (isomers)		6.43	mg/L	500	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		47.1	mg/L	500	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		48.5	mg/L	500	0.100	97	70 - 130

Sample: 20405 - MW-11

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5446	Date Analyzed: 2003-10-31	Analyzed By: JSW
Prep Batch: 4874	Date Prepared: 2003-10-30	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		532	mg/L	50	0.500

Sample: 20405 - MW-11

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		1.66	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20406 - MW-12

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5497	Date Analyzed: 2003-11-03	Analyzed By: MT
Prep Batch: 4917	Date Prepared: 2003-11-03	Prepared By: MT

continued ...

Sample 20406 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		50.2	mg/L	500	0.00100
Toluene		5.33	mg/L	500	0.00100
Ethylbenzene		2.58	mg/L	500	0.00100
Xylene (isomers)		4.05	mg/L	500	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		46.6	mg/L	500	0.100	93	70 - 130
4-Bromofluorobenzene (4-BFB)		49.0	mg/L	500	0.100	98	70 - 130

Sample: 20406 - MW-12

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5446	Date Analyzed: 2003-10-31	Analyzed By: JSW
Prep Batch: 4874	Date Prepared: 2003-10-30	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2260	mg/L	100	0.500

Sample: 20406 - MW-12

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.298	mg/L	1	0.0100
Total Barium		1.53	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20407 - MW-24

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5497	Date Analyzed: 2003-11-03	Analyzed By: MT

Prep Batch: 4917

Date Prepared: 2003-11-03

Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		26.6	mg/L	200	0.00100
Toluene		1.48	mg/L	200	0.00100
Ethylbenzene		0.756	mg/L	200	0.00100
Xylene (isomers)		1.29	mg/L	200	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		18.7	mg/L	200	0.100	94	70 - 130
4-Bromofluorobenzene (4-BFB)		19.9	mg/L	200	0.100	99	70 - 130

Sample: 20407 - MW-24

Analysis: Chloride (IC)
QC Batch: 5446
Prep Batch: 4874

Analytical Method: E 300.0
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-30

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		133	mg/L	10	0.500

Sample: 20407 - MW-24

Analysis: Total 8 Metals
QC Batch: 5473
Prep Batch: 4883
Analysis: Total 8 Metals
QC Batch: 5540
Prep Batch: 4948

Analytical Method: S 6010B
Date Analyzed: 2003-11-03
Date Prepared: 2003-10-31
Analytical Method: S 7470A
Date Analyzed: 2003-11-05
Date Prepared: 2003-11-04

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		3.79	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20408 - MW-25

Analysis: BTEX
QC Batch: 5475
Prep Batch: 4896

Analytical Method: S 8021B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-31

Prep Method: S 5030B
Analyzed By: MT
Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		2.72	mg/L	50	0.00100
Toluene		<0.0500	mg/L	50	0.00100
Ethylbenzene		0.308	mg/L	50	0.00100
Xylene (isomers)		<0.0500	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		3.87	mg/L	50	0.100	77	52.9 - 135
4-Bromofluorobenzene (4-BFB)		4.26	mg/L	50	0.100	85	45.5 - 147

Sample: 20408 - MW-25

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5446	Date Analyzed: 2003-10-31	Analyzed By: JSW
Prep Batch: 4874	Date Prepared: 2003-10-30	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1540	mg/L	500	0.500

Sample: 20408 - MW-25

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.150	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20409 - MW-26

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5475	Date Analyzed: 2003-10-31	Analyzed By: MT
Prep Batch: 4896	Date Prepared: 2003-10-31	Prepared By: MT

continued ...

Sample 20409 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		5.78	mg/L	50	0.00100
Toluene		<0.0500	mg/L	50	0.00100
Ethylbenzene		0.200	mg/L	50	0.00100
Xylene (isomers)		<0.0500	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		3.63	mg/L	50	0.100	73	52.9 - 135
4-Bromofluorobenzene (4-BFB)		4.14	mg/L	50	0.100	83	45.5 - 147

Sample: 20409 - MW-26

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5446	Date Analyzed: 2003-10-31	Analyzed By: JSW
Prep Batch: 4874	Date Prepared: 2003-10-30	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		801	mg/L	100	0.500

Sample: 20409 - MW-26

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		4.13	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20410 - MW-27

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5497	Date Analyzed: 2003-11-03	Analyzed By: MT

Prep Batch: 4917

Date Prepared: 2003-11-03

Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		11.2	mg/L	200	0.00100
Toluene		0.403	mg/L	200	0.00100
Ethylbenzene		0.426	mg/L	200	0.00100
Xylene (isomers)		0.396	mg/L	200	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		19.7	mg/L	200	0.100	98	70 - 130
4-Bromofluorobenzene (4-BFB)		20.6	mg/L	200	0.100	103	70 - 130

Sample: 20410 - MW-27

Analysis: Chloride (IC)
QC Batch: 5446
Prep Batch: 4874

Analytical Method: E 300.0
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-30

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1270	mg/L	100	0.500

Sample: 20410 - MW-27

Analysis: Total 8 Metals
QC Batch: 5473
Prep Batch: 4883
Analysis: Total 8 Metals
QC Batch: 5540
Prep Batch: 4948

Analytical Method: S 6010B
Date Analyzed: 2003-11-03
Date Prepared: 2003-10-31
Analytical Method: S 7470A
Date Analyzed: 2003-11-05
Date Prepared: 2003-11-04

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.105	mg/L	1	0.0100
Total Barium		0.147	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		0.000440	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20411 - MWD-3

Analysis: BTEX
QC Batch: 5475
Prep Batch: 4896

Analytical Method: S 8021B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-31

Prep Method: S 5030B
Analyzed By: MT
Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.780	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		0.0612	mg/L	10	0.00100
Xylene (isomers)		<0.0100	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.886	mg/L	10	0.100	88	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.795	mg/L	10	0.100	80	45.5 - 147

Sample: 20411 - MWD-3

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5446	Date Analyzed: 2003-10-31	Analyzed By: JSW
Prep Batch: 4874	Date Prepared: 2003-10-30	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		58300	mg/L	5000	0.500

Sample: 20411 - MWD-3

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0720	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20412 - MWD-5

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5475	Date Analyzed: 2003-10-31	Analyzed By: MT
Prep Batch: 4896	Date Prepared: 2003-10-31	Prepared By: MT

continued ...

Sample 20412 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		8.01	mg/L	20	0.00100
Toluene		3.55	mg/L	20	0.00100
Ethylbenzene		0.465	mg/L	20	0.00100
Xylene (isomers)		0.680	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		2.38	mg/L	20	0.100	119	52.9 - 135
4-Bromofluorobenzene (4-BFB)		1.91	mg/L	20	0.100	96	45.5 - 147

Sample: 20412 - MWD-5

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5446	Date Analyzed: 2003-10-31	Analyzed By: JSW
Prep Batch: 4874	Date Prepared: 2003-10-30	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1120	mg/L	100	0.500

Sample: 20412 - MWD-5

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.0790	mg/L	1	0.0100
Total Barium		4.54	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		0.000370	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20413 - MWD-9

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5475	Date Analyzed: 2003-10-31	Analyzed By: MT

Prep Batch: 4896

Date Prepared: 2003-10-31

Prepared By: MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene (isomers)		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.442	mg/L	5	0.100	88	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.427	mg/L	5	0.100	85	45.5 - 147

Sample: 20413 - MWD-9

Analysis: Chloride (IC)
QC Batch: 5517
Prep Batch: 4930

Analytical Method: E 300.0
Date Analyzed: 2003-11-04
Date Prepared: 2003-11-03

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		29200	mg/L	5000	0.500

Sample: 20413 - MWD-9

Analysis: Total 8 Metals
QC Batch: 5473
Prep Batch: 4883
Analysis: Total 8 Metals
QC Batch: 5540
Prep Batch: 4948

Analytical Method: S 6010B
Date Analyzed: 2003-11-03
Date Prepared: 2003-10-31
Analytical Method: S 7470A
Date Analyzed: 2003-11-05
Date Prepared: 2003-11-04

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0500	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20414 - TMW-3

Analysis: BTEX
QC Batch: 5451
Prep Batch: 4876

Analytical Method: S 8021B
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-30

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0189	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.262	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	¹	0.00	mg/L	1	0.100	0	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.127	mg/L	1	0.100	127	45.5 - 147

Sample: 20414 - TMW-3

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5517	Date Analyzed: 2003-11-04	Analyzed By: JSW
Prep Batch: 4930	Date Prepared: 2003-11-03	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		630	mg/L	100	0.500

Sample: 20414 - TMW-3

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5541	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.0310	mg/L	1	0.0100
Total Barium		2.83	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		0.0480	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20415 - TMW-6

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5475	Date Analyzed: 2003-10-31	Analyzed By: MT
Prep Batch: 4896	Date Prepared: 2003-10-31	Prepared By: MT

¹Low TFT surrogate recovery due to matrix interference. BFB surrogate recovery shows the method to be in control.

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		3.88	mg/L	50	0.00100
Toluene		<0.0500	mg/L	50	0.00100
Ethylbenzene		0.725	mg/L	50	0.00100
Xylene (isomers)		<0.0500	mg/L	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		3.70	mg/L	50	0.100	74	52.9 - 135
4-Bromofluorobenzene (4-BFB)		3.73	mg/L	50	0.100	75	45.5 - 147

Sample: 20415 - TMW-6

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5517	Date Analyzed: 2003-11-04	Analyzed By: JSW
Prep Batch: 4930	Date Prepared: 2003-11-03	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		567	mg/L	100	0.500

Sample: 20415 - TMW-6

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5473	Date Analyzed: 2003-11-03	Analyzed By: RR
Prep Batch: 4883	Date Prepared: 2003-10-31	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5541	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		0.173	mg/L	1	0.0100
Total Barium		1.53	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Method Blank (1) QC Batch: 5446

Parameter	Flag	Result	Units	RL
Chloride		<0.500	mg/L	0.5

Method Blank (1) QC Batch: 5451

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0779	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0809	mg/L	1	0.100	81	70 - 130

Method Blank (1) QC Batch: 5473

Parameter	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.01
Total Barium		<0.0100	mg/L	0.01
Total Cadmium		<0.00500	mg/L	0.005
Total Chromium		<0.0100	mg/L	0.01
Total Lead		<0.0100	mg/L	0.01
Total Selenium		<0.0100	mg/L	0.01

Method Blank (1) QC Batch: 5475

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0785	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0755	mg/L	1	0.100	76	70 - 130

Method Blank (1) QC Batch: 5496

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.113	mg/L	1	0.100	113	70 - 130
4-Bromofluorobenzene (4-BFB)		0.114	mg/L	1	0.100	114	70 - 130

Method Blank (1) QC Batch: 5497

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0989	mg/L	1	0.100	99	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0991	mg/L	1	0.100	99	70 - 130

Method Blank (1) QC Batch: 5517

Parameter	Flag	Result	Units	RL
Chloride		<0.500	mg/L	0.5

Method Blank (1) QC Batch: 5540

Parameter	Flag	Result	Units	RL
Total Mercury		<0.000200	mg/L	0.0002

Method Blank (1) QC Batch: 5541

Parameter	Flag	Result	Units	RL
Total Mercury		<0.000200	mg/L	0.0002

Laboratory Control Spike (LCS-1) QC Batch: 5446

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride ²	11.2	11.0	mg/L	1	12.5	<1.49	90	2	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

²RPD is still within the limits.

Laboratory Control Spike (LCS-1) QC Batch: 5451

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0973	0.0909	mg/L	1	0.100	<0.000650	97	7	65.9 - 129	20
Benzene	0.0973	0.0909	mg/L	1	0.100	<0.000650	97	7	65.9 - 129	20
Toluene	0.0972	0.0947	mg/L	1	0.100	<0.00101	97	3	74.1 - 122	20
Toluene	0.0972	0.0947	mg/L	1	0.100	<0.00101	97	3	74.1 - 122	20
Ethylbenzene	0.0972	0.0953	mg/L	1	0.100	<0.000840	97	2	68 - 125	20
Ethylbenzene	0.0972	0.0953	mg/L	1	0.100	<0.000840	97	2	68 - 125	20
Xylene (isomers)	0.295	0.289	mg/L	1	0.300	<0.000737	98	2	67 - 122	20
Xylene (isomers)	0.295	0.289	mg/L	1	0.300	<0.000737	98	2	67 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0906	0.0798	mg/L	1	0.100	91	80	52.9 - 135
Trifluorotoluene (TFT)	0.0906	0.0798	mg/L	1	0.100	91	80	52.9 - 135
4-Bromofluorobenzene (4-BFB)	0.0953	0.0953	mg/L	1	0.100	95	95	45.5 - 147
4-Bromofluorobenzene (4-BFB)	0.0953	0.0953	mg/L	1	0.100	95	95	45.5 - 147

Laboratory Control Spike (LCS-1) QC Batch: 5473

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.128	0.127	mg/L	1	0.125	<0.00120	102	1	85 - 115	20
Total Arsenic	0.479	0.480	mg/L	1	0.500	<0.00593	96	0	85 - 115	20
Total Barium	1.02	1.02	mg/L	1	1.00	<0.000343	102	0	85 - 114	20
Total Cadmium	0.244	0.243	mg/L	1	0.250	<0.000268	98	0	86 - 115	20
Total Chromium	0.106	0.105	mg/L	1	0.100	<0.000660	106	1	85 - 115	20
Total Lead	0.509	0.508	mg/L	1	0.500	<0.00367	102	0	86.1 - 112	20
Total Selenium	0.428	0.427	mg/L	1	0.500	<0.00650	86	0	85 - 113	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5475

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0979	0.0944	mg/L	1	0.100	<0.000650	98	4	65.9 - 129	20
Toluene	0.0988	0.0957	mg/L	1	0.100	<0.00101	99	3	74.1 - 122	20
Ethylbenzene	0.0994	0.0963	mg/L	1	0.100	<0.000840	99	3	68 - 125	20
Xylene (isomers)	0.303	0.294	mg/L	1	0.300	<0.000737	101	3	67 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0869	0.0820	mg/L	1	0.100	87	82	52.9 - 135
4-Bromofluorobenzene (4-BFB)	0.0945	0.0908	mg/L	1	0.100	94	91	45.5 - 147

Laboratory Control Spike (LCS-1) QC Batch: 5496

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.113	0.111	mg/L	1	0.100	<0.000238	113	2	70 - 130	20
Toluene	0.115	0.114	mg/L	1	0.100	<0.000532	115	1	70 - 130	20
Ethylbenzene	0.115	0.114	mg/L	1	0.100	<0.00160	115	0	70 - 130	20
Xylene (isomers)	0.345	0.343	mg/L	1	0.300	<0.00571	115	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.112	0.114	mg/L	1	0.100	112	114	70 - 130
4-Bromofluorobenzene (4-BFB)	0.115	0.117	mg/L	1	0.100	115	117	70 - 130

Laboratory Control Spike (LCS-1) QC Batch: 5497

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0980	0.0968	mg/L	1	0.100	<0.000238	98	1	70 - 130	20
Toluene	0.0974	0.0971	mg/L	1	0.100	<0.000532	97	0	70 - 130	20
Ethylbenzene	0.0948	0.0975	mg/L	1	0.100	<0.00160	95	3	70 - 130	20
Xylene (isomers)	0.284	0.292	mg/L	1	0.300	<0.00571	95	3	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0968	0.0953	mg/L	1	0.100	97	95	70 - 130
4-Bromofluorobenzene (4-BFB)	0.101	0.0961	mg/L	1	0.100	101	96	70 - 130

Laboratory Control Spike (LCS-1) QC Batch: 5517

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride ³	11.2	11.1	mg/L	1	12.5	<1.49	90	1	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5540

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00110	0.00110	mg/L	1	0.00100	<0.0000360	110	0	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5541

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00110	0.00110	mg/L	1	0.00100	<0.0000360	110	0	80 - 120	20

³RPD is still within limits.

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5446

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	2220	2200	mg/L	100	12.5	1120	88	1	56.4 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5473

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.125	0.125	mg/L	1	0.125	<0.00120	100	0	75 - 125	20
Total Arsenic	0.487	0.484	mg/L	1	0.500	<0.00593	97	1	75 - 125	20
Total Barium	13.6	13.5	mg/L	1	1.00	12.6	100	1	75 - 125	20
Total Cadmium	0.222	0.222	mg/L	1	0.250	<0.000268	89	0	75 - 125	20
Total Chromium	0.0960	0.0960	mg/L	1	0.100	<0.000660	96	0	75 - 125	20
Total Lead	0.451	0.449	mg/L	1	0.500	<0.00367	90	0	75 - 125	20
Total Selenium	0.424	0.419	mg/L	1	0.500	<0.00650	85	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-2) QC Batch: 5473

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.129	0.129	mg/L	1	0.125	<0.00120	103	0	75 - 125	20
Total Arsenic	0.546	0.534	mg/L	1	0.500	0.079	93	2	75 - 125	20
Total Barium	45 5.24	5.12	mg/L	1	1.00	4.54	70	2	75 - 125	20
Total Cadmium	0.200	0.196	mg/L	1	0.250	<0.000268	80	2	75 - 125	20
Total Chromium	0.0880	0.0860	mg/L	1	0.100	<0.000660	88	2	75 - 125	20
Total Lead	0.374	0.379	mg/L	1	0.500	<0.00367	75	1	75 - 125	20
Total Selenium	67 0.349	0.273	mg/L	1	0.500	<0.00650	70	24	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5517

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1640	1630	mg/L	100	12.5	567	86	1	56.4 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5540

⁴MS recovery out of range due to matrix difficulties. LCS demonstrates process under control.
⁵MS recovery out of range due to matrix difficulties. LCS demonstrates process under control.
⁶MS recovery out of range due to matrix difficulties. LCS demonstrates process under control.
⁷MS recovery out of range due to matrix difficulties. LCS demonstrates process under control.

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00105	0.00105	mg/L	1	0.00100	<0.0000360	105	0	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-2) QC Batch: 5540

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury ⁸⁹	0.000750	0.000730	mg/L	1	0.00100	<0.0000360	75	3	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5541

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury ¹⁰¹¹	0.000270	0.000280	mg/L	1	0.00100	<0.0000360	27	4	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1) QC Batch: 5446

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.2	90	90 - 110	2003-10-31

Standard (CCV-1) QC Batch: 5446

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.4	91	90 - 110	2003-10-31

Standard (CCV-1) QC Batch: 5451

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0951	95	85 - 115	2003-10-30
Toluene		mg/L	0.100	0.0933	93	85 - 115	2003-10-30
Ethylbenzene		mg/L	0.100	0.0940	94	85 - 115	2003-10-30
Xylene (isomers)		mg/L	0.300	0.285	95	85 - 115	2003-10-30

Standard (CCV-2) QC Batch: 5451

⁸ms recovery out of limits due to matrix effect, use lcs/lcsd

⁹ms recovery out of limits due to matrix effect, use lcs/lcsd

¹⁰ms recovery out of limits due to matrix effect, use lcs/lcsd

¹¹ms recovery out of limits due to matrix effect, use lcs/lcsd

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0931	93	85 - 115	2003-10-30
Toluene		mg/L	0.100	0.0937	94	85 - 115	2003-10-30
Ethylbenzene		mg/L	0.100	0.0940	94	85 - 115	2003-10-30
Xylene (isomers)		mg/L	0.300	0.286	95	85 - 115	2003-10-30

Standard (ICV-1) QC Batch: 5473

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.125	100	90 - 110	2003-11-03
Total Arsenic		mg/L	1.00	1.01	101	90 - 110	2003-11-03
Total Barium		mg/L	1.00	1.00	100	90 - 110	2003-11-03
Total Cadmium		mg/L	1.00	1.01	101	90 - 110	2003-11-03
Total Chromium		mg/L	1.00	1.00	100	90 - 110	2003-11-03
Total Lead		mg/L	1.00	1.01	101	90 - 110	2003-11-03
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2003-11-03

Standard (CCV-1) QC Batch: 5473

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.133	106	90 - 110	2003-11-03
Total Arsenic		mg/L	1.00	1.07	107	90 - 110	2003-11-03
Total Barium		mg/L	1.00	1.02	102	90 - 110	2003-11-03
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-11-03
Total Chromium		mg/L	1.00	1.02	102	90 - 110	2003-11-03
Total Lead		mg/L	1.00	1.05	105	90 - 110	2003-11-03
Total Selenium		mg/L	1.00	1.04	104	90 - 110	2003-11-03

Standard (CCV-2) QC Batch: 5473

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.129	103	90 - 110	2003-11-03
Total Arsenic		mg/L	1.00	1.04	104	90 - 110	2003-11-03
Total Barium		mg/L	1.00	1.01	101	90 - 110	2003-11-03
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-11-03
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2003-11-03
Total Lead		mg/L	1.00	1.03	103	90 - 110	2003-11-03
Total Selenium		mg/L	1.00	1.04	104	90 - 110	2003-11-03

Standard (ICV-1) QC Batch: 5475

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0931	93	85 - 115	2003-10-31
Toluene		mg/L	0.100	0.0946	95	85 - 115	2003-10-31
Ethylbenzene		mg/L	0.100	0.0951	95	85 - 115	2003-10-31
Xylene (isomers)		mg/L	0.300	0.290	97	85 - 115	2003-10-31

Standard (CCV-1) QC Batch: 5475

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.101	101	85 - 115	2003-10-31
Toluene		mg/L	0.100	0.100	100	85 - 115	2003-10-31
Ethylbenzene		mg/L	0.100	0.102	102	85 - 115	2003-10-31
Xylene (isomers)		mg/L	0.300	0.310	103	85 - 115	2003-10-31

Standard (CCV-2) QC Batch: 5475

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0917	92	85 - 115	2003-10-31
Toluene		mg/L	0.100	0.0919	92	85 - 115	2003-10-31
Ethylbenzene		mg/L	0.100	0.0923	92	85 - 115	2003-10-31
Xylene (isomers)		mg/L	0.300	0.281	94	85 - 115	2003-10-31

Standard (CCV-1) QC Batch: 5496

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene	¹²	mg/L	0.100	0.116	116	85 - 115	2003-11-03
Toluene	¹³	mg/L	0.100	0.120	120	85 - 115	2003-11-03
Ethylbenzene		mg/L	0.100	0.114	114	85 - 115	2003-11-03
Xylene (isomers)		mg/L	0.300	0.345	115	85 - 115	2003-11-03

Standard (CCV-2) QC Batch: 5496

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene	¹⁴	mg/L	0.100	0.116	116	85 - 115	2003-11-03
Toluene	¹⁵	mg/L	0.100	0.116	116	85 - 115	2003-11-03
Ethylbenzene		mg/L	0.100	0.115	115	85 - 115	2003-11-03
Xylene (isomers)		mg/L	0.300	0.343	114	85 - 115	2003-11-03

¹² Average of ICV, CCV components within acceptable range.

¹³ Average of ICV, CCV components within acceptable range.

¹⁴ Average of ICV, CCV components within acceptable range.

¹⁵ Average of ICV, CCV components within acceptable range.

Standard (ICV-1) QC Batch: 5497

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0984	98	85 - 115	2003-11-03
Toluene		mg/L	0.100	0.0993	99	85 - 115	2003-11-03
Ethylbenzene		mg/L	0.100	0.0983	98	85 - 115	2003-11-03
Xylene (isomers)		mg/L	0.300	0.297	99	85 - 115	2003-11-03

Standard (CCV-1) QC Batch: 5497

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0989	99	85 - 115	2003-11-03
Toluene		mg/L	0.100	0.100	100	85 - 115	2003-11-03
Ethylbenzene	16	mg/L	0.100	0.116	116	85 - 115	2003-11-03
Xylene (isomers)		mg/L	0.300	0.325	108	85 - 115	2003-11-03

Standard (ICV-1) QC Batch: 5517

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.2	90	90 - 110	2003-11-04

Standard (CCV-1) QC Batch: 5517

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.3	90	90 - 110	2003-11-04

Standard (ICV-1) QC Batch: 5540

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00108	108	80 - 120	2003-11-05

Standard (CCV-1) QC Batch: 5540

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00113	113	80 - 120	2003-11-05

Standard (CCV-2) QC Batch: 5540

¹⁶Ethylbenzene outside normal limits in ICV/CCV. Average of ICV/CCV components within acceptable range.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00113	113	80 - 120	2003-11-05

Standard (ICV-1) QC Batch: 5541

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00108	108	80 - 120	2003-11-05

Standard (CCV-1) QC Batch: 5541

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00113	113	80 - 120	2003-11-05

3103006

Analysis Request and Chain of Custody Record									
HIGHLANDER ENVIRONMENTAL CORP.									
1910 N. Big Spring St. Midland, Texas 79705									
(915) 682-4559 Fax (915) 682-3946									
CLIENT NAME: <u>Midland Texas</u>		SITE MANAGER: <u>KE Tawar</u>		PROJECT NAME: <u>Eunice #1 South Plant</u>		SAMPLE IDENTIFICATION		PRESERVATIVE METHOD	
PROJECT NO.: <u>1982</u>		DATE		TIME		COM. GRAB		NUMBER OF CONTAINERS	
LAB I.D. NUMBER	DATE	TIME	MATRIX	COMP.	GRAB	DATE	TIME	NUMBER OF CONTAINERS	PRESERVATIVE METHOD
20403	10/28/03	9:35	W			10/28/03	9:35	4	HCL
04	10/27/03	1:10	W			10/27/03	1:10	4	ICE
05	10/27/03	2:40	W			10/27/03	2:40	4	HNO3
06	10/28/03	11:00	W			10/28/03	11:00	4	FLTRD (V/N)
07	10/27/03	2:30	W			10/27/03	2:30	4	NONE
08	10/27/03	11:10	W			10/27/03	11:10	4	
09	10/27/03	12:35	W			10/27/03	12:35	4	
10	10/27/03	11:45	W			10/27/03	11:45	4	
11	10/28/03	11:40	W			10/28/03	11:40	4	
12	10/28/03	10:30	W			10/28/03	10:30	4	

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RECEIVING LABORATORY: <u>Lea Co. N.M.</u>		STATE: <u>TX</u>		ZIP: <u>79705</u>	
ADDRESS: <u>1910 N. Big Spring St.</u>		<u>TX</u>		<u>79705</u>	
CONTACT: <u>KE Tawar</u>		<u>TX</u>		<u>79705</u>	
SAMPLE CONDITION WHEN RECEIVED: <u>As is</u>		<u>TX</u>		<u>79705</u>	

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RECEIVED BY: (Signature)		DATE: <u>10/28/03</u>		TIME: <u>15:30</u>	
<u>KE Tawar</u>		<u>10/28/03</u>		<u>15:30</u>	
RECEIVED BY: (Signature)		DATE: <u>10/28/03</u>		TIME: <u>17:00</u>	
<u>KE Tawar</u>		<u>10/28/03</u>		<u>17:00</u>	

3103006

Analysis Request and Chain of Custody Record									
HIGHLANDER ENVIRONMENTAL CORP.									
1910 N. Big Spring St. Midland, Texas 79705									
(915) 682-4559 Fax (915) 682-3946									
CLIENT NAME	SITE MANAGER	PROJECT NAME	DATE	TIME	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PRESERVATIVE METHOD
Chevron Texaco	KE Lawler	Eunice #1 South Plant	1982						
LAB I.D. NUMBER									
20413			10/28/03	12:10			14WD-9	4	HCL
14			10/27/03	10:30			T4W-3	4	HNO3
15			10/27/03	10:00			T4W-6	4	ICE
									NONE

RELINQUISHED BY: (Signature)	DATE: 10/29/03	TIME: 15:30	RECEIVED BY: (Signature)	DATE: 10/29/03	TIME: 15:30
KE Lawler			KE Lawler		
RELINQUISHED BY: (Signature)	DATE: 10/29/03	TIME: 15:30	RECEIVED BY: (Signature)	DATE: 10/29/03	TIME: 15:30
RELINQUISHED BY: (Signature)	DATE: 10/29/03	TIME: 15:30	RECEIVED BY: (Signature)	DATE: 10/29/03	TIME: 15:30

RECEIVING LABORATORY:	STATE:	ZIP:	DATE:	TIME:
Lab 111	TX	79705		

ADDRESS:	CITY:	STATE:	ZIP:
Lab 111	Midland	TX	79705

SAMPLE CONDITION WHEN RECEIVED:	MATRIX:	DATE:	TIME:
	Water		

REMARKS:
12 samples - HS

Please Fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy - Accounting receives gold copy.

Report Date: November 6, 2003
1982

Work Order: 3102816
Eunice #1 South Gas Plant

Page Number: 1 of 8
Lea Co. N.M.

Summary Report

Ike Tavaréz
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: November 6, 2003

Work Order: 3102816

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
20204	MW-3	water	2003-10-21	14:15	2003-10-28
20205	MW-4	water	2003-10-23	12:05	2003-10-28
20206	MW-6	water	2003-10-23	16:30	2003-10-28
20207	MW-7	water	2003-10-24	09:30	2003-10-28
20208	MW-8	water	2003-10-21	13:45	2003-10-28
20209	MW-13	water	2003-10-21	12:40	2003-10-28
20210	MW-14	water	2003-10-21	11:20	2003-10-28
20211	MW-15	water	2003-10-21	10:40	2003-10-28
20212	MW-16	water	2003-10-20	15:35	2003-10-28
20213	MW-17	water	2003-10-22	10:52	2003-10-28
20214	MW-18	water	2003-10-22	11:25	2003-10-28
20215	MW-19	water	2003-10-22	10:20	2003-10-28
20216	MW-22	water	2003-10-24	15:55	2003-10-28
20217	MW-23	water	2003-10-24	15:25	2003-10-28
20218	MWD-1	water	2003-10-23	15:40	2003-10-28
20219	MWD-2	water	2003-10-23	11:30	2003-10-28
20220	MWD-4	water	2003-10-24	11:00	2003-10-28
20221	MWD-6	water	2003-10-23	14:30	2003-10-28
20222	MWD-7	water	2003-10-22	14:45	2003-10-28
20223	MWD-8	water	2003-10-23	10:35	2003-10-28
20224	MWD-10	water	2003-10-24	12:40	2003-10-28
20225	MWD-11	water	2003-10-21	16:15	2003-10-28
20226	MWD-12	water	2003-10-23	13:10	2003-10-28
20227	MWD-13	water	2003-10-23	15:55	2003-10-28
20228	MWD-14	water	2003-10-24	14:45	2003-10-28
20229	TMW-1	water	2003-10-22	09:20	2003-10-28

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (isomers) (mg/L)
20204 - MW-3	<0.00100	<0.00100	<0.00100	<0.00100
20205 - MW-4	0.00630	<0.00100	<0.00100	<0.00100
20206 - MW-6	<0.00100	<0.00100	<0.00100	<0.00100
20207 - MW-7	<0.00100	<0.00100	<0.00100	<0.00100

continued ...

continued

Sample - Field Code	BTX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (isomers) (mg/L)
20208 - MW-8	<0.00100	<0.00100	<0.00100	<0.00100
20209 - MW-13	0.0108	<0.00100	<0.00100	<0.00100
20210 - MW-14	<0.00100	<0.00100	<0.00100	<0.00100
20211 - MW-15	<0.00100	<0.00100	<0.00100	<0.00100
20212 - MW-16	<0.00100	<0.00100	<0.00100	<0.00100
20213 - MW-17	<0.00100	<0.00100	<0.00100	<0.00100
20214 - MW-18	<0.00100	<0.00100	<0.00100	<0.00100
20215 - MW-19	0.552	<0.0100	0.0579	0.0498
20216 - MW-22	0.986	<0.0100	0.0521	0.0386
20217 - MW-23	0.0173	0.00290	0.00730	0.00190
20218 - MWD-1	<0.00100	<0.00100	<0.00100	<0.00100
20219 - MWD-2	<0.00100	<0.00100	<0.00100	<0.00100
20220 - MWD-4	<0.00100	<0.00100	<0.00100	<0.00100
20221 - MWD-6	0.139	<0.00100	0.0631	0.0208
20222 - MWD-7	<0.00100	<0.00100	<0.00100	<0.00100
20223 - MWD-8	<0.00100	<0.00100	<0.00100	<0.00100
20224 - MWD-10	0.667	<0.0100	0.352	0.130
20225 - MWD-11	<0.00100	<0.00100	<0.00100	<0.00100
20226 - MWD-12	0.930	<0.0200	0.0549	<0.0200
20227 - MWD-13	<0.00100	<0.00100	<0.00100	<0.00100
20228 - MWD-14	2.89	0.258	0.129	<0.100
20229 - TMW-1	<0.00500	<0.00500	<0.00500	0.00590

Sample: 20204 - MW-3

Param	Flag	Result	Units	RL
Chloride		378	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.106	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20205 - MW-4

Param	Flag	Result	Units	RL
Chloride		4720	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0732	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20206 - MW-6

Param	Flag	Result	Units	RL
Chloride		6020	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0920	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20207 - MW-7

Param	Flag	Result	Units	RL
Chloride		119	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.64	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20208 - MW-8

Param	Flag	Result	Units	RL
Chloride		920	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.105	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20209 - MW-13

Param	Flag	Result	Units	RL
Chloride		395	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.78	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		0.000210	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20210 - MW-14

Param	Flag	Result	Units	RL
Chloride		348	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0990	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20211 - MW-15

Param	Flag	Result	Units	RL
Chloride		2990	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0990	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20212 - MW-16

Param	Flag	Result	Units	RL
Chloride		1850	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0860	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		0.187	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20213 - MW-17

Param	Flag	Result	Units	RL
Chloride		7510	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0680	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20214 - MW-18

Param	Flag	Result	Units	RL
Chloride		2910	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.148	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20215 - MW-19

Param	Flag	Result	Units	RL
Chloride		1870	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.751	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20216 - MW-22

Param	Flag	Result	Units	RL
Chloride		38800	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.495	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20217 - MW-23

Param	Flag	Result	Units	RL
Chloride		17200	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.220	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20218 - MWD-1

Param	Flag	Result	Units	RL
Chloride		14700	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.113	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20219 - MWD-2

Param	Flag	Result	Units	RL
Chloride		19800	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.164	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20220 - MWD-4

Param	Flag	Result	Units	RL
Chloride		640	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.05	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20221 - MWD-6

Param	Flag	Result	Units	RL
Chloride		879	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.58	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20222 - MWD-7

Param	Flag	Result	Units	RL
Chloride		7400	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.0520	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20223 - MWD-8

Param	Flag	Result	Units	RL
Chloride		11800	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.168	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20224 - MWD-10

Param	Flag	Result	Units	RL
Chloride		9170	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.30	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20225 - MWD-11

Param	Flag	Result	Units	RL
Chloride		2050	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.104	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20226 - MWD-12

Param	Flag	Result	Units	RL
Chloride		4750	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.897	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20227 - MWD-13

Param	Flag	Result	Units	RL
Chloride		20900	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.181	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20228 - MWD-14

Param	Flag	Result	Units	RL
Chloride		18400	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		0.402	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100

Sample: 20229 - TMW-1

Param	Flag	Result	Units	RL
Chloride		397	mg/L	0.500
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		1.01	mg/L	0.0100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0100	mg/L	0.0100



TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296

888•588•3443

806•794•1296

915•585•3443

FAX 806•794•1298

FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Ike Tavaréz
Highlander Environmental Services
1910 N. Big Spring Street
Midland, TX 79705

Report Date: November 6, 2003

Work Order: 3102816

Client Name: Chevron Texaco
Project Location: Lea Co. N.M.
Project Name: Eunice #1 South Gas Plant
Project Number: 1982

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
20204	MW-3	water	2003-10-21	14:15	2003-10-28
20205	MW-4	water	2003-10-23	12:05	2003-10-28
20206	MW-6	water	2003-10-23	16:30	2003-10-28
20207	MW-7	water	2003-10-24	09:30	2003-10-28
20208	MW-8	water	2003-10-21	13:45	2003-10-28
20209	MW-13	water	2003-10-21	12:40	2003-10-28
20210	MW-14	water	2003-10-21	11:20	2003-10-28
20211	MW-15	water	2003-10-21	10:40	2003-10-28
20212	MW-16	water	2003-10-20	15:35	2003-10-28
20213	MW-17	water	2003-10-22	10:52	2003-10-28
20214	MW-18	water	2003-10-22	11:25	2003-10-28
20215	MW-19	water	2003-10-22	10:20	2003-10-28
20216	MW-22	water	2003-10-24	15:55	2003-10-28
20217	MW-23	water	2003-10-24	15:25	2003-10-28
20218	MWD-1	water	2003-10-23	15:40	2003-10-28
20219	MWD-2	water	2003-10-23	11:30	2003-10-28
20220	MWD-4	water	2003-10-24	11:00	2003-10-28
20221	MWD-6	water	2003-10-23	14:30	2003-10-28
20222	MWD-7	water	2003-10-22	14:45	2003-10-28
20223	MWD-8	water	2003-10-23	10:35	2003-10-28
20224	MWD-10	water	2003-10-24	12:40	2003-10-28
20225	MWD-11	water	2003-10-21	16:15	2003-10-28
20226	MWD-12	water	2003-10-23	13:10	2003-10-28
20227	MWD-13	water	2003-10-23	15:55	2003-10-28
20228	MWD-14	water	2003-10-24	14:45	2003-10-28
20229	TMW-1	water	2003-10-22	09:20	2003-10-28

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

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Dr. Blair Leftwich, Director

Analytical Report

Sample: 20204 - MW-3

Analysis: BTEX
QC Batch: 5359
Prep Batch: 4797

Analytical Method: S 8021B
Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0869	mg/L	1	0.100	87	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0897	mg/L	1	0.100	90	45.5 - 147

Sample: 20204 - MW-3

Analysis: Chloride (IC)
QC Batch: 5377
Prep Batch: 4811

Analytical Method: E 300.0
Date Analyzed: 2003-10-29
Date Prepared: 2003-10-28

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		378	mg/L	10	0.500

Sample: 20204 - MW-3

Analysis: Total 8 Metals
QC Batch: 5453
Prep Batch: 4831
Analysis: Total 8 Metals
QC Batch: 5489
Prep Batch: 4909

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-29
Analytical Method: S 7470A
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.106	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20205 - MW-4

Analysis: BTEX
QC Batch: 5359
Prep Batch: 4797

Analytical Method: S 8021B
Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.00630	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0927	mg/L	1	0.100	93	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0941	mg/L	1	0.100	94	45.5 - 147

Sample: 20205 - MW-4

Analysis: Chloride (IC)
QC Batch: 5377
Prep Batch: 4811

Analytical Method: E 300.0
Date Analyzed: 2003-10-29
Date Prepared: 2003-10-28

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4720	mg/L	500	0.500

Sample: 20205 - MW-4

Analysis: Total 8 Metals
QC Batch: 5453
Prep Batch: 4831
Analysis: Total 8 Metals
QC Batch: 5489
Prep Batch: 4909

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-29
Analytical Method: S 7470A
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0732	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20206 - MW-6

Analysis: BTEX
QC Batch: 5359
Prep Batch: 4797

Analytical Method: S 8021B
Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	¹	0.0433	mg/L	1	0.100	43	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0850	mg/L	1	0.100	85	45.5 - 147

Sample: 20206 - MW-6

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5377	Date Analyzed: 2003-10-29	Analyzed By: JSW
Prep Batch: 4811	Date Prepared: 2003-10-28	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		6020	mg/L	500	0.500

Sample: 20206 - MW-6

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5453	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0920	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20207 - MW-7

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4797	Date Prepared: 2003-10-28	Prepared By: BS

¹Low surrogate recovery due to matrix interference. ICV, CCV show the method to be in control.

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0895	mg/L	1	0.100	90	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0925	mg/L	1	0.100	92	45.5 - 147

Sample: 20207 - MW-7

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5377	Date Analyzed: 2003-10-29	Analyzed By: JSW
Prep Batch: 4811	Date Prepared: 2003-10-28	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		119	mg/L	10	0.500

Sample: 20207 - MW-7

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5453	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		1.64	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20208 - MW-8

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4797	Date Prepared: 2003-10-28	Prepared By: BS

continued ...

Sample 20208 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0893	mg/L	1	0.100	89	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0960	mg/L	1	0.100	96	45.5 - 147

Sample: 20208 - MW-8

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5377	Date Analyzed: 2003-10-29	Analyzed By: JSW
Prep Batch: 4811	Date Prepared: 2003-10-28	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		920	mg/L	100	0.500

Sample: 20208 - MW-8

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5453	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.105	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20209 - MW-13

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS

Prep Batch: 4797

Date Prepared: 2003-10-28

Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0108	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0890	mg/L	1	0.100	89	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0801	mg/L	1	0.100	80	45.5 - 147

Sample: 20209 - MW-13

Analysis: Chloride (IC)
QC Batch: 5413
Prep Batch: 4844

Analytical Method: E 300.0
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		395	mg/L	50	0.500

Sample: 20209 - MW-13

Analysis: Total 8 Metals
QC Batch: 5453
Prep Batch: 4831
Analysis: Total 8 Metals
QC Batch: 5489
Prep Batch: 4909

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-29
Analytical Method: S 7470A
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		1.78	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		0.000210	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20210 - MW-14

Analysis: BTEX
QC Batch: 5359
Prep Batch: 4797

Analytical Method: S 8021B
Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0842	mg/L	1	0.100	84	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0916	mg/L	1	0.100	92	45.5 - 147

Sample: 20210 - MW-14

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5414	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4845	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		348	mg/L	50	0.500

Sample: 20210 - MW-14

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5454	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0990	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20211 - MW-15

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4797	Date Prepared: 2003-10-28	Prepared By: BS

continued ...

Sample 20211 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0842	mg/L	1	0.100	84	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0920	mg/L	1	0.100	92	45.5 - 147

Sample: 20211 - MW-15

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5414	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4845	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2990	mg/L	100	0.500

Sample: 20211 - MW-15

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5454	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0990	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20212 - MW-16

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS

Prep Batch: 4797

Date Prepared: 2003-10-28

Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0831	mg/L	1	0.100	83	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0910	mg/L	1	0.100	91	45.5 - 147

Sample: 20212 - MW-16

Analysis: Chloride (IC)
QC Batch: 5414
Prep Batch: 4845

Analytical Method: E 300.0
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1850	mg/L	100	0.500

Sample: 20212 - MW-16

Analysis: Total 8 Metals
QC Batch: 5454
Prep Batch: 4831
Analysis: Total 8 Metals
QC Batch: 5489
Prep Batch: 4909

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-29
Analytical Method: S 7470A
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0860	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		0.187	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20213 - MW-17

Analysis: BTEX
QC Batch: 5359
Prep Batch: 4797

Analytical Method: S 8021B
Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0843	mg/L	1	0.100	84	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0959	mg/L	1	0.100	96	45.5 - 147

Sample: 20213 - MW-17

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5414	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4845	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		7510	mg/L	1000	0.500

Sample: 20213 - MW-17

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5454	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0680	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20214 - MW-18

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4797	Date Prepared: 2003-10-28	Prepared By: BS

continued ...

Sample 20214 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	²	0.0675	mg/L	1	0.100	68	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0932	mg/L	1	0.100	93	45.5 - 147

Sample: 20214 - MW-18

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5414	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4845	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2910	mg/L	500	0.500

Sample: 20214 - MW-18

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5454	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.148	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20215 - MW-19

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B

²Low surrogate recovery due to matrix interference. ICV, CCV show the method to be in control.

QC Batch: 5359
Prep Batch: 4797

Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.552	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		0.0579	mg/L	10	0.00100
Xylene (isomers)		0.0498	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.822	mg/L	10	0.100	82	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.930	mg/L	10	0.100	93	45.5 - 147

Sample: 20215 - MW-19

Analysis: Chloride (IC)
QC Batch: 5414
Prep Batch: 4845

Analytical Method: E 300.0
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		1870	mg/L	500	0.500

Sample: 20215 - MW-19

Analysis: Total 8 Metals
QC Batch: 5454
Prep Batch: 4831
Analysis: Total 8 Metals
QC Batch: 5489
Prep Batch: 4909

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-29
Analytical Method: S 7470A
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.751	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20216 - MW-22

Analysis: BTEX
QC Batch: 5405
Prep Batch: 4835

Analytical Method: S 8021B
Date Analyzed: 2003-10-29
Date Prepared: 2003-10-29

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.986	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		0.0521	mg/L	10	0.00100
Xylene (isomers)		0.0386	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.920	mg/L	10	0.100	92	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.860	mg/L	10	0.100	86	45.5 - 147

Sample: 20216 - MW-22

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5414	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4845	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		38800	mg/L	5000	0.500

Sample: 20216 - MW-22

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5454	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.495	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20217 - MW-23

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4797	Date Prepared: 2003-10-28	Prepared By: BS

continued ...

Sample 20217 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0173	mg/L	1	0.00100
Toluene		0.00290	mg/L	1	0.00100
Ethylbenzene		0.00730	mg/L	1	0.00100
Xylene (isomers)		0.00190	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	³	0.0501	mg/L	1	0.100	50	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0820	mg/L	1	0.100	82	45.5 - 147

Sample: 20217 - MW-23

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5414	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4845	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		17200	mg/L	1000	0.500

Sample: 20217 - MW-23

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5454	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4831	Date Prepared: 2003-10-29	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.220	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20218 - MWD-1

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B

³Low surrogate recovery due to matrix interference. ICV, CCV show the method to be in control.

QC Batch: 5359
Prep Batch: 4797

Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0730	mg/L	1	0.100	73	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0845	mg/L	1	0.100	84	45.5 - 147

Sample: 20218 - MWD-1

Analysis: Chloride (IC)
QC Batch: 5414
Prep Batch: 4845

Analytical Method: E 300.0
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		14700	mg/L	1000	0.500

Sample: 20218 - MWD-1

Analysis: Total 8 Metals
QC Batch: 5454
Prep Batch: 4831
Analysis: Total 8 Metals
QC Batch: 5489
Prep Batch: 4909

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-29
Analytical Method: S 7470A
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.113	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20219 - MWD-2

Analysis: BTEX
QC Batch: 5359
Prep Batch: 4797

Analytical Method: S 8021B
Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	⁴	0.0666	mg/L	1	0.100	67	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0747	mg/L	1	0.100	75	45.5 - 147

Sample: 20219 - MWD-2

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5414	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4845	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		19800	mg/L	1000	0.500

Sample: 20219 - MWD-2

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5447	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.164	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20220 - MWD-4

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5359	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4797	Date Prepared: 2003-10-28	Prepared By: BS

⁴Low surrogate recovery due to matrix interference. ICV, CCV show the method to be in control.

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0875	mg/L	1	0.100	88	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0937	mg/L	1	0.100	94	45.5 - 147

Sample: 20220 - MWD-4

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5416	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4847	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		640	mg/L	50	0.500

Sample: 20220 - MWD-4

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5447	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		1.05	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20221 - MWD-6

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5360	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4798	Date Prepared: 2003-10-28	Prepared By: BS

continued ...

Sample 20221 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.139	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.0631	mg/L	1	0.00100
Xylene (isomers)		0.0208	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0846	mg/L	1	0.100	85	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.106	mg/L	1	0.100	106	45.5 - 147

Sample: 20221 - MWD-6

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5416	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4847	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		879	mg/L	100	0.500

Sample: 20221 - MWD-6

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5447	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5489	Date Analyzed: 2003-11-03	Analyzed By: BC
Prep Batch: 4909	Date Prepared: 2003-11-03	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		1.58	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20222 - MWD-7

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5360	Date Analyzed: 2003-10-28	Analyzed By: BS

Prep Batch: 4798

Date Prepared: 2003-10-28

Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0807	mg/L	1	0.100	81	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0864	mg/L	1	0.100	86	45.5 - 147

Sample: 20222 - MWD-7

Analysis: Chloride (IC)
QC Batch: 5416
Prep Batch: 4847

Analytical Method: E 300.0
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		7400	mg/L	1000	0.500

Sample: 20222 - MWD-7

Analysis: Total 8 Metals
QC Batch: 5447
Prep Batch: 4862
Analysis: Total 8 Metals
QC Batch: 5489
Prep Batch: 4909

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-30
Analytical Method: S 7470A
Date Analyzed: 2003-11-03
Date Prepared: 2003-11-03

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.0520	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20223 - MWD-8

Analysis: BTEX
QC Batch: 5360
Prep Batch: 4798

Analytical Method: S 8021B
Date Analyzed: 2003-10-28
Date Prepared: 2003-10-28

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0766	mg/L	1	0.100	77	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0877	mg/L	1	0.100	88	45.5 - 147

Sample: 20223 - MWD-8

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5416	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4847	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		11800	mg/L	1000	0.500

Sample: 20223 - MWD-8

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5447	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.168	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20224 - MWD-10

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5360	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4798	Date Prepared: 2003-10-28	Prepared By: BS

continued ...

Sample 20224 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.667	mg/L	10	0.00100
Toluene		<0.0100	mg/L	10	0.00100
Ethylbenzene		0.352	mg/L	10	0.00100
Xylene (isomers)		0.130	mg/L	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.868	mg/L	10	0.100	87	52.9 - 135
4-Bromofluorobenzene (4-BFB)		1.00	mg/L	10	0.100	100	45.5 - 147

Sample: 20224 - MWD-10

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5416	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4847	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		9170	mg/L	1000	0.500

Sample: 20224 - MWD-10

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5455	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		1.30	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20225 - MWD-11

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5360	Date Analyzed: 2003-10-28	Analyzed By: BS

Prep Batch: 4798

Date Prepared: 2003-10-28

Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0796	mg/L	1	0.100	80	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0860	mg/L	1	0.100	86	45.5 - 147

Sample: 20225 - MWD-11

Analysis: Chloride (IC)
QC Batch: 5416
Prep Batch: 4847

Analytical Method: E 300.0
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		2050	mg/L	500	0.500

Sample: 20225 - MWD-11

Analysis: Total 8 Metals
QC Batch: 5455
Prep Batch: 4862
Analysis: Total 8 Metals
QC Batch: 5540
Prep Batch: 4948

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-30
Analytical Method: S 7470A
Date Analyzed: 2003-11-05
Date Prepared: 2003-11-04

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.104	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20226 - MWD-12

Analysis: BTEX
QC Batch: 5403
Prep Batch: 4833

Analytical Method: S 8021B
Date Analyzed: 2003-10-29
Date Prepared: 2003-10-29

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.930	mg/L	20	0.00100
Toluene		<0.0200	mg/L	20	0.00100
Ethylbenzene		0.0549	mg/L	20	0.00100
Xylene (isomers)		<0.0200	mg/L	20	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.93	mg/L	20	0.100	97	69.5 - 125
4-Bromofluorobenzene (4-BFB)		1.61	mg/L	20	0.100	80	66.2 - 122

Sample: 20226 - MWD-12

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5416	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4847	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		4750	mg/L	500	0.500

Sample: 20226 - MWD-12

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5455	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.897	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20227 - MWD-13

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5360	Date Analyzed: 2003-10-28	Analyzed By: BS
Prep Batch: 4798	Date Prepared: 2003-10-28	Prepared By: BS

continued ...

Sample 20227 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene (isomers)		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0799	mg/L	1	0.100	80	52.9 - 135
4-Bromofluorobenzene (4-BFB)		0.0901	mg/L	1	0.100	90	45.5 - 147

Sample: 20227 - MWD-13

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5416	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4847	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		20900	mg/L	5000	0.500

Sample: 20227 - MWD-13

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5455	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.181	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20228 - MWD-14

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 5403	Date Analyzed: 2003-10-29	Analyzed By: BS

Prep Batch: 4833

Date Prepared: 2003-10-29

Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		2.89	mg/L	100	0.00100
Toluene		0.258	mg/L	100	0.00100
Ethylbenzene		0.129	mg/L	100	0.00100
Xylene (isomers)		<0.100	mg/L	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		9.58	mg/L	100	0.100	96	69.5 - 125
4-Bromofluorobenzene (4-BFB)		7.77	mg/L	100	0.100	78	66.2 - 122

Sample: 20228 - MWD-14

Analysis: Chloride (IC)
QC Batch: 5416
Prep Batch: 4847

Analytical Method: E 300.0
Date Analyzed: 2003-10-30
Date Prepared: 2003-10-29

Prep Method: N/A
Analyzed By: JSW
Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		18400	mg/L	5000	0.500

Sample: 20228 - MWD-14

Analysis: Total 8 Metals
QC Batch: 5455
Prep Batch: 4862
Analysis: Total 8 Metals
QC Batch: 5540
Prep Batch: 4948

Analytical Method: S 6010B
Date Analyzed: 2003-10-31
Date Prepared: 2003-10-30
Analytical Method: S 7470A
Date Analyzed: 2003-11-05
Date Prepared: 2003-11-04

Prep Method: S 3010A
Analyzed By: RR
Prepared By: TP
Prep Method: N/A
Analyzed By: BC
Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.402	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Sample: 20229 - TMW-1

Analysis: BTEX
QC Batch: 5403
Prep Batch: 4833

Analytical Method: S 8021B
Date Analyzed: 2003-10-29
Date Prepared: 2003-10-29

Prep Method: S 5030B
Analyzed By: BS
Prepared By: BS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene (isomers)		0.00590	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.506	mg/L	5	0.100	101	69.5 - 125
4-Bromofluorobenzene (4-BFB)		0.418	mg/L	5	0.100	84	66.2 - 122

Sample: 20229 - TMW-1

Analysis: Chloride (IC)	Analytical Method: E 300.0	Prep Method: N/A
QC Batch: 5416	Date Analyzed: 2003-10-30	Analyzed By: JSW
Prep Batch: 4847	Date Prepared: 2003-10-29	Prepared By: JSW

Parameter	Flag	RL Result	Units	Dilution	RL
Chloride		397	mg/L	50	0.500

Sample: 20229 - TMW-1

Analysis: Total 8 Metals	Analytical Method: S 6010B	Prep Method: S 3010A
QC Batch: 5455	Date Analyzed: 2003-10-31	Analyzed By: RR
Prep Batch: 4862	Date Prepared: 2003-10-30	Prepared By: TP
Analysis: Total 8 Metals	Analytical Method: S 7470A	Prep Method: N/A
QC Batch: 5540	Date Analyzed: 2003-11-05	Analyzed By: BC
Prep Batch: 4948	Date Prepared: 2003-11-04	Prepared By: BC

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		1.01	mg/L	1	0.0100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0100	mg/L	1	0.0100

Method Blank (1) QC Batch: 5359

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001

continued ...

Method blank continued ...

Parameter	Flag	Result	Units	RL
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0849	mg/L	1	0.100	85	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0889	mg/L	1	0.100	89	70 - 130

Method Blank (1) QC Batch: 5360

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0776	mg/L	1	0.100	78	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0862	mg/L	1	0.100	86	70 - 130

Method Blank (1) QC Batch: 5377

Parameter	Flag	Result	Units	RL
Chloride		<0.500	mg/L	0.5

Method Blank (1) QC Batch: 5403

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0996	mg/L	1	0.100	100	61 - 127
4-Bromofluorobenzene (4-BFB)		0.0832	mg/L	1	0.100	83	72.6 - 130

Method Blank (1) QC Batch: 5405

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene (isomers)		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0812	mg/L	1	0.100	81	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0850	mg/L	1	0.100	85	70 - 130

Method Blank (1) QC Batch: 5413

Parameter	Flag	Result	Units	RL
Chloride		<0.500	mg/L	0.5

Method Blank (1) QC Batch: 5414

Parameter	Flag	Result	Units	RL
Chloride		<0.500	mg/L	0.5

Method Blank (1) QC Batch: 5416

Parameter	Flag	Result	Units	RL
Chloride		<0.500	mg/L	0.5

Method Blank (1) QC Batch: 5447

Parameter	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.01
Total Barium		<0.0100	mg/L	0.01
Total Cadmium		<0.00500	mg/L	0.005
Total Chromium		<0.0100	mg/L	0.01
Total Lead		<0.0100	mg/L	0.01
Total Selenium		<0.0100	mg/L	0.01

Method Blank (1) QC Batch: 5453

Parameter	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.01
Total Barium		<0.0100	mg/L	0.01
Total Cadmium		<0.00500	mg/L	0.005
Total Chromium		<0.0100	mg/L	0.01
Total Lead		<0.0100	mg/L	0.01
Total Selenium		<0.0100	mg/L	0.01

Method Blank (1) QC Batch: 5454

Parameter	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.01
Total Barium		<0.0100	mg/L	0.01
Total Cadmium		<0.00500	mg/L	0.005
Total Chromium		<0.0100	mg/L	0.01
Total Lead		<0.0100	mg/L	0.01
Total Selenium		<0.0100	mg/L	0.01

Method Blank (1) QC Batch: 5455

Parameter	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.01
Total Barium		<0.0100	mg/L	0.01
Total Cadmium		<0.00500	mg/L	0.005
Total Chromium		<0.0100	mg/L	0.01
Total Lead		<0.0100	mg/L	0.01
Total Selenium		<0.0100	mg/L	0.01

Method Blank (1) QC Batch: 5489

Parameter	Flag	Result	Units	RL
Total Mercury		<0.000200	mg/L	0.0002

Method Blank (1) QC Batch: 5540

Parameter	Flag	Result	Units	RL
Total Mercury		<0.000200	mg/L	0.0002

Laboratory Control Spike (LCS-1) QC Batch: 5359

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.101	0.0991	mg/L	1	0.100	<0.000650	101	2	65.9 - 129	20
Benzene	0.101	0.0991	mg/L	1	0.100	<0.000650	101	2	65.9 - 129	20
Toluene	0.0988	0.0976	mg/L	1	0.100	<0.00101	99	1	74.1 - 122	20
Toluene	0.0988	0.0976	mg/L	1	0.100	<0.00101	99	1	74.1 - 122	20
Ethylbenzene	0.0978	0.0968	mg/L	1	0.100	<0.000840	98	1	68 - 125	20
Ethylbenzene	0.0978	0.0968	mg/L	1	0.100	<0.000840	98	1	68 - 125	20
Xylene (isomers)	0.296	0.293	mg/L	1	0.300	<0.000737	99	1	67 - 122	20
Xylene (isomers)	0.296	0.293	mg/L	1	0.300	<0.000737	99	1	67 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0959	0.0893	mg/L	1	0.100	96	89	52.9 - 135
Trifluorotoluene (TFT)	0.0959	0.0893	mg/L	1	0.100	96	89	52.9 - 135
4-Bromofluorobenzene (4-BFB)	0.102	0.101	mg/L	1	0.100	102	101	45.5 - 147
4-Bromofluorobenzene (4-BFB)	0.102	0.101	mg/L	1	0.100	102	101	45.5 - 147

Laboratory Control Spike (LCS-1) QC Batch: 5360

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0973	0.0983	mg/L	1	0.100	<0.000650	97	1	65.9 - 129	20
Toluene	0.0955	0.0977	mg/L	1	0.100	<0.00101	96	2	74.1 - 122	20
Ethylbenzene	0.0949	0.0975	mg/L	1	0.100	<0.000840	95	3	68 - 125	20
Xylene (isomers)	0.287	0.295	mg/L	1	0.300	<0.000737	96	2	67 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0819	0.0851	mg/L	1	0.100	82	85	52.9 - 135
4-Bromofluorobenzene (4-BFB)	0.100	0.0952	mg/L	1	0.100	100	95	45.5 - 147

Laboratory Control Spike (LCS-1) QC Batch: 5377

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	11.5	11.3	mg/L	1	12.5	<1.49	92	2	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5403

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.102	0.103	mg/L	1	0.100	<0.000350	102	1	81.2 - 118	20
Benzene	0.102	0.103	mg/L	1	0.100	<0.000350	102	1	81.2 - 118	20
Toluene	0.104	0.105	mg/L	1	0.100	<0.000550	104	0	81.2 - 118	20
Toluene	0.104	0.105	mg/L	1	0.100	<0.000550	104	0	81.2 - 118	20

continued ...

Control spikes continued ...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Ethylbenzene	0.106	0.107	mg/L	1	0.100	<0.000690	106	1	80.7 - 122	20
Ethylbenzene	0.106	0.107	mg/L	1	0.100	<0.000690	106	1	80.7 - 122	20
Xylene (isomers)	0.313	0.316	mg/L	1	0.300	<0.000610	104	1	79.8 - 118	20
Xylene (isomers)	0.313	0.316	mg/L	1	0.300	<0.000610	104	1	79.8 - 118	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.100	0.102	mg/L	1	0.100	100	102	69.5 - 125
Trifluorotoluene (TFT)	0.100	0.102	mg/L	1	0.100	100	102	69.5 - 125
4-Bromofluorobenzene (4-BFB)	0.0980	0.0989	mg/L	1	0.100	98	99	66.2 - 129
4-Bromofluorobenzene (4-BFB)	0.0980	0.0989	mg/L	1	0.100	98	99	66.2 - 129

Laboratory Control Spike (LCS-1) QC Batch: 5405

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0977	0.0957	mg/L	1	0.100	<0.000650	98	2	65.9 - 129	20
Toluene	0.0977	0.0957	mg/L	1	0.100	<0.00101	98	2	74.1 - 122	20
Ethylbenzene	0.0972	0.0956	mg/L	1	0.100	<0.000840	97	2	68 - 125	20
Xylene (isomers)	0.294	0.289	mg/L	1	0.300	<0.000737	98	2	67 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0798	0.0883	mg/L	1	0.100	80	88	52.9 - 135
4-Bromofluorobenzene (4-BFB)	0.0937	0.0959	mg/L	1	0.100	94	96	45.5 - 147

Laboratory Control Spike (LCS-1) QC Batch: 5413

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	11.8	11.7	mg/L	1	12.5	<1.49	94	1	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5414

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	11.4	11.2	mg/L	1	12.5	<1.49	91	2	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5416

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	12.1	11.3	mg/L	1	12.5	<1.49	97	7	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5447

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.114	0.116	mg/L	1	0.125	<0.00120	91	2	85 - 115	20
Total Arsenic	0.525	0.513	mg/L	1	0.500	<0.00593	105	2	85 - 115	20
Total Barium	0.971	0.962	mg/L	1	1.00	<0.000343	97	1	85 - 114	20
Total Cadmium	0.253	0.254	mg/L	1	0.250	<0.000268	101	0	86 - 115	20
Total Chromium	0.103	0.101	mg/L	1	0.100	<0.000660	103	2	85 - 115	20
Total Lead	0.478	0.516	mg/L	1	0.500	<0.00367	96	8	86.1 - 112	20
Total Selenium	0.479	0.451	mg/L	1	0.500	<0.00650	96	6	85 - 113	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5453

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.120	0.121	mg/L	1	0.125	<0.00120	96	1	85 - 115	20
Total Arsenic	0.524	0.533	mg/L	1	0.500	<0.00593	105	2	85 - 115	20
Total Barium	1.00	1.02	mg/L	1	1.00	<0.000343	100	2	85 - 114	20
Total Cadmium	0.258	0.262	mg/L	1	0.250	<0.000268	103	2	86 - 115	20
Total Chromium	0.113	0.106	mg/L	1	0.100	<0.000660	113	6	85 - 115	20
Total Lead	0.501	0.508	mg/L	1	0.500	<0.00367	100	1	86.1 - 112	20
Total Selenium	0.472	0.437	mg/L	1	0.500	<0.00650	94	8	85 - 113	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5454

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.120	0.121	mg/L	1	0.125	<0.00120	96	1	85 - 115	20
Total Arsenic	0.524	0.533	mg/L	1	0.500	<0.00593	105	2	85 - 115	20
Total Barium	1.00	1.02	mg/L	1	1.00	<0.000343	100	2	85 - 114	20
Total Cadmium	0.258	0.262	mg/L	1	0.250	<0.000268	103	2	86 - 115	20
Total Chromium	0.113	0.106	mg/L	1	0.100	<0.000660	113	6	85 - 115	20
Total Lead	0.501	0.508	mg/L	1	0.500	<0.00367	100	1	86.1 - 112	20
Total Selenium	0.472	0.437	mg/L	1	0.500	<0.00650	94	8	85 - 113	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5455

continued ...

Control spikes continued ...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.114	0.116	mg/L	1	0.125	<0.00120	91	2	85 - 115	20
Total Arsenic	0.525	0.513	mg/L	1	0.500	<0.00593	105	2	85 - 115	20
Total Barium	0.971	0.971	mg/L	1	1.00	<0.000343	97	0	85 - 114	20
Total Cadmium	0.253	0.254	mg/L	1	0.250	<0.000268	101	0	86 - 115	20
Total Chromium	0.103	0.101	mg/L	1	0.100	<0.000660	103	2	85 - 115	20
Total Lead	0.478	0.516	mg/L	1	0.500	<0.00367	96	8	86.1 - 112	20
Total Selenium	0.479	0.451	mg/L	1	0.500	<0.00650	96	6	85 - 113	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5489

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00102	0.000970	mg/L	1	0.00100	<0.0000360	102	5	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 5540

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00110	0.00110	mg/L	1	0.00100	<0.0000360	110	0	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5377

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	2070	2090	mg/L	100	12.5	920	92	1	56.4 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5413

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	26400	26100	mg/L	1000	12.5	14500	95	1	56.4 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5414

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	3000	3020	mg/L	100	12.5	1850	92	1	56.4 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5416

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Chloride	1200	1240	mg/L	50	12.5	640	90	3	56.4 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5447

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.153	0.152	mg/L	1	0.125	<0.00120	122	1	75 - 125	20
Total Arsenic	0.521	0.555	mg/L	1	0.500	<0.00593	104	6	75 - 125	20
Total Barium	1.10	1.06	mg/L	1	1.00	<0.000343	110	4	75 - 125	20
Total Cadmium	0.254	0.260	mg/L	1	0.250	<0.000268	102	2	75 - 125	20
Total Chromium	0.0980	0.104	mg/L	1	0.100	<0.000660	98	6	75 - 125	20
Total Lead	0.510	0.534	mg/L	1	0.500	<0.00367	102	4	75 - 125	20
Total Selenium	0.508	0.459	mg/L	1	0.500	<0.00650	102	10	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5453

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.143	0.143	mg/L	1	0.125	<0.00120	114	0	75 - 125	20
Total Arsenic	0.521	0.536	mg/L	1	0.500	<0.00593	104	3	75 - 125	20
Total Barium	1.09	1.08	mg/L	1	1.00	<0.000343	109	1	75 - 125	20
Total Cadmium	0.264	0.263	mg/L	1	0.250	<0.000268	106	0	75 - 125	20
Total Chromium	0.106	0.108	mg/L	1	0.100	<0.000660	106	2	75 - 125	20
Total Lead	0.527	0.527	mg/L	1	0.500	<0.00367	105	0	75 - 125	20
Total Selenium	0.519	0.552	mg/L	1	0.500	<0.00650	104	6	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5454

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.134	0.134	mg/L	1	0.125	<0.00120	107	0	75 - 125	20
Total Arsenic	0.527	0.503	mg/L	1	0.500	<0.00593	105	5	75 - 125	20
Total Barium	1.18	1.18	mg/L	1	1.00	0.099	108	0	75 - 125	20
Total Cadmium	0.260	0.259	mg/L	1	0.250	<0.000268	104	0	75 - 125	20
Total Chromium	0.104	0.110	mg/L	1	0.100	<0.000660	104	6	75 - 125	20
Total Lead	0.524	0.512	mg/L	1	0.500	<0.00367	105	2	75 - 125	20

continued ...

Matrix spikes continued ...

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.489	0.470	mg/L	1	0.500	<0.00650	98	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5455

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.133	0.138	mg/L	1	0.125	<0.00120	106	4	75 - 125	20
Total Arsenic	0.598	0.578	mg/L	1	0.500	<0.00593	120	3	75 - 125	20
Total Barium	2.44	2.47	mg/L	1	1.00	1.3	114	1	75 - 125	20
Total Cadmium	0.245	0.249	mg/L	1	0.250	<0.000268	98	2	75 - 125	20
Total Chromium	0.101	0.102	mg/L	1	0.100	<0.000660	101	1	75 - 125	20
Total Lead	0.460	0.443	mg/L	1	0.500	<0.00367	92	4	75 - 125	20
Total Selenium	0.460	0.475	mg/L	1	0.500	<0.00650	92	3	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5489

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00119	0.00119	mg/L	1	0.00100	<0.0000360	119	0	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-2) QC Batch: 5489

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.000970	0.000960	mg/L	1	0.00100	<0.0000360	97	1	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 5540

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00105	0.00105	mg/L	1	0.00100	<0.0000360	105	0	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (ICV-1) QC Batch: 5359

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0934	93	85 - 115	2003-10-28
Toluene		mg/L	0.100	0.0935	94	85 - 115	2003-10-28

continued ...

Standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Ethylbenzene		mg/L	0.100	0.0942	94	85 - 115	2003-10-28
Xylene (isomers)		mg/L	0.300	0.285	95	85 - 115	2003-10-28

Standard (CCV-1) QC Batch: 5359

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0970	97	85 - 115	2003-10-28
Toluene		mg/L	0.100	0.0964	96	85 - 115	2003-10-28
Ethylbenzene		mg/L	0.100	0.0960	96	85 - 115	2003-10-28
Xylene (isomers)		mg/L	0.300	0.290	97	85 - 115	2003-10-28

Standard (CCV-2) QC Batch: 5359

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0995	100	85 - 115	2003-10-28
Toluene		mg/L	0.100	0.0995	100	85 - 115	2003-10-28
Ethylbenzene		mg/L	0.100	0.0989	99	85 - 115	2003-10-28
Xylene (isomers)		mg/L	0.300	0.298	99	85 - 115	2003-10-28

Standard (ICV-1) QC Batch: 5360

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0966	97	85 - 115	2003-10-28
Toluene		mg/L	0.100	0.0964	96	85 - 115	2003-10-28
Ethylbenzene		mg/L	0.100	0.0963	96	85 - 115	2003-10-28
Xylene (isomers)		mg/L	0.300	0.292	97	85 - 115	2003-10-28

Standard (CCV-1) QC Batch: 5360

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0968	97	85 - 115	2003-10-28
Toluene		mg/L	0.100	0.0966	97	85 - 115	2003-10-28
Ethylbenzene		mg/L	0.100	0.0963	96	85 - 115	2003-10-28
Xylene (isomers)		mg/L	0.300	0.291	97	85 - 115	2003-10-28

Standard (ICV-1) QC Batch: 5377

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.3	90	90 - 110	2003-10-29

Standard (CCV-1) QC Batch: 5377

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.4	91	90 - 110	2003-10-29

Standard (ICV-1) QC Batch: 5403

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.100	100	85 - 115	2003-10-29
Toluene		mg/L	0.100	0.101	101	85 - 115	2003-10-29
Ethylbenzene		mg/L	0.100	0.103	103	85 - 115	2003-10-29
Xylene (isomers)		mg/L	0.300	0.303	101	85 - 115	2003-10-29

Standard (CCV-1) QC Batch: 5403

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.102	102	85 - 115	2003-10-29
Toluene		mg/L	0.100	0.103	103	85 - 115	2003-10-29
Ethylbenzene		mg/L	0.100	0.104	104	85 - 115	2003-10-29
Xylene (isomers)		mg/L	0.300	0.307	102	85 - 115	2003-10-29

Standard (ICV-1) QC Batch: 5405

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0956	96	85 - 115	2003-10-29
Toluene		mg/L	0.100	0.0963	96	85 - 115	2003-10-29
Ethylbenzene		mg/L	0.100	0.0969	97	85 - 115	2003-10-29
Xylene (isomers)		mg/L	0.300	0.294	98	85 - 115	2003-10-29

Standard (CCV-1) QC Batch: 5405

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0964	96	85 - 115	2003-10-29
Toluene		mg/L	0.100	0.0961	96	85 - 115	2003-10-29
Ethylbenzene		mg/L	0.100	0.0963	96	85 - 115	2003-10-29
Xylene (isomers)		mg/L	0.300	0.292	97	85 - 115	2003-10-29

Standard (ICV-1) QC Batch: 5413

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	12.5	100	90 - 110	2003-10-30

Standard (CCV-1) QC Batch: 5413

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.5	92	90 - 110	2003-10-30

Standard (ICV-1) QC Batch: 5414

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.5	92	90 - 110	2003-10-30

Standard (CCV-1) QC Batch: 5414

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.7	94	90 - 110	2003-10-30

Standard (ICV-1) QC Batch: 5416

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.7	94	90 - 110	2003-10-30

Standard (CCV-1) QC Batch: 5416

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Chloride		mg/L	12.5	11.3	90	90 - 110	2003-10-30

Standard (ICV-1) QC Batch: 5447

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.122	98	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	1.00	100	90 - 110	2003-10-31
Total Barium		mg/L	1.00	0.996	100	90 - 110	2003-10-31

continued ...

Standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2003-10-31
Total Lead		mg/L	1.00	0.999	100	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	1.02	102	90 - 110	2003-10-31

Standard (CCV-1) QC Batch: 5447

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.119	95	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	1.01	101	90 - 110	2003-10-31
Total Barium		mg/L	1.00	0.982	98	90 - 110	2003-10-31
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	1.00	100	90 - 110	2003-10-31
Total Lead		mg/L	1.00	1.00	100	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	0.969	97	90 - 110	2003-10-31

Standard (ICV-1) QC Batch: 5453

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.122	98	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	1.00	100	90 - 110	2003-10-31
Total Barium		mg/L	1.00	0.996	100	90 - 110	2003-10-31
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2003-10-31
Total Lead		mg/L	1.00	0.999	100	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	1.02	102	90 - 110	2003-10-31

Standard (CCV-1) QC Batch: 5453

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.122	98	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	0.976	98	90 - 110	2003-10-31
Total Barium		mg/L	1.00	1.04	104	90 - 110	2003-10-31
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2003-10-31
Total Lead		mg/L	1.00	0.991	99	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2003-10-31

Standard (ICV-1) QC Batch: 5454

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.122	98	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	1.00	100	90 - 110	2003-10-31
Total Barium		mg/L	1.00	0.996	100	90 - 110	2003-10-31
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2003-10-31
Total Lead		mg/L	1.00	0.999	100	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	1.02	102	90 - 110	2003-10-31

Standard (CCV-1) QC Batch: 5454

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.117	94	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	0.990	99	90 - 110	2003-10-31
Total Barium		mg/L	1.00	0.982	98	90 - 110	2003-10-31
Total Cadmium		mg/L	1.00	1.01	101	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	0.999	100	90 - 110	2003-10-31
Total Lead		mg/L	1.00	0.972	97	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	0.963	96	90 - 110	2003-10-31

Standard (ICV-1) QC Batch: 5455

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.122	98	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	1.00	100	90 - 110	2003-10-31
Total Barium		mg/L	1.00	0.996	100	90 - 110	2003-10-31
Total Cadmium		mg/L	1.00	1.02	102	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	1.01	101	90 - 110	2003-10-31
Total Lead		mg/L	1.00	0.999	100	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	1.02	102	90 - 110	2003-10-31

Standard (CCV-1) QC Batch: 5455

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.118	94	90 - 110	2003-10-31
Total Arsenic		mg/L	1.00	0.990	99	90 - 110	2003-10-31
Total Barium		mg/L	1.00	0.965	96	90 - 110	2003-10-31
Total Cadmium		mg/L	1.00	1.00	100	90 - 110	2003-10-31
Total Chromium		mg/L	1.00	0.986	99	90 - 110	2003-10-31
Total Lead		mg/L	1.00	0.989	99	90 - 110	2003-10-31
Total Selenium		mg/L	1.00	0.973	97	90 - 110	2003-10-31

Standard (ICV-1) QC Batch: 5489

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000980	98	80 - 120	2003-11-03

Standard (CCV-1) QC Batch: 5489

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000960	96	80 - 120	2003-11-03

Standard (CCV-2) QC Batch: 5489

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.000960	96	80 - 120	2003-11-03

Standard (ICV-1) QC Batch: 5540

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00108	108	80 - 120	2003-11-05

Standard (CCV-1) QC Batch: 5540

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00113	113	80 - 120	2003-11-05

3102816

Analysis Request and Chain of Custody Record									
HIGHLANDER ENVIRONMENTAL CORP.									
1910 N. Big Spring St. Midland, Texas 79705									
(915) 682-4559 Fax (915) 682-3946									
CLIENT NAME: CHEVONTERRACO		SITE MANAGER: Mike Swartz		PROJECT NAME: Eunice #1 South Plant, Lea Co. NM.		PRESERVATIVE METHOD		ANALYSIS REQUEST (Circle or Specify Method No.)	
LAB ID. NUMBER	DATE	TIME	MATRIX	COMP.	GRAB	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	DATE	TIME
20204	10/21/03	2:15	W			MW-3	4		
05102103	12:05		W			MW-4	4		
06102103	4:30		W			MW-6	4		
07102103	9:30		W			MW-7	4		
08102103	1:45		W			MW-8	4		
09102103	12:40		W			MW-13	4		
10102103	11:20		W			MW-14	4		
11102103	10:40		W			MW-15	4		
12102103	3:35		W			MW-16	4		
13102103	10:52		W			MW-17	4		
RELINQUISHED BY: (Signature)		Date: 10/22/03		Time: 10:30		RECEIVED BY: (Signature)		Date: 10/22/03	
RELINQUISHED BY: (Signature)		Date: 10/22/03		Time: 17:00		RECEIVED BY: (Signature)		Date: 10/22/03	
RELINQUISHED BY: (Signature)		Date: 10/22/03		Time: 17:00		RECEIVED BY: (Signature)		Date: 10/22/03	
RECEIVING LABORATORY: True Gas		STATE: NM		ZIP: 79705		DATE: 10/22/03		TIME: 10:30	
ADDRESS:		CITY:		STATE:		ZIP:		DATE:	
CONTACT:		PHONE:		FAX:		DATE:		TIME:	
SAMPLE CONDITION WHEN RECEIVED:		MATRIX: 8-Solid		A-Air		SD-Solid		O-Other	
REMARKS:		40 samples - H.S.							

Please Fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy - Accounting receives Gold copy.

3102816

Analysis Request and Chain of Custody Record																											
HIGHLANDER ENVIRONMENTAL CORP.																											
1910 N. Big Spring St. Midland, Texas 79705																											
(915) 682-4558 Fax (915) 682-3946																											
CLIENT NAME: Chevron Texaco		SITE MANAGER: KE Parker		PROJECT NAME: Eunice #1 South Plant, Loc. C		PROJECT NO.: 1982		PROJECT IDENTIFICATION N.M.																			
LAB I.D. NUMBER	DATE	TIME	MATRIX	COMP.	GRAB	NUMBER OF CONTAINERS	FLTERED (Y/N)	PRESERVATIVE METHOD																			
20214	10/22/03	11:25	W			4	Y	ICE																			
15	10/22/03	10:20	W			4	Y	ICE																			
16	10/24/03	3:55	W			4	Y	ICE																			
17	10/24/03	3:25	W			4	Y	ICE																			
18	10/23/03	3:40	W			4	Y	ICE																			
19	10/23/03	11:30	W			4	Y	ICE																			
20	10/24/03	11:00	W			4	Y	ICE																			
21	10/23/03	2:30	W			4	Y	ICE																			
22	10/22/03	2:45	W			4	Y	ICE																			
23	10/23/03	10:35	W			4	Y	ICE																			
<table border="0"> <tr> <td>RELINQUISHED BY: (Signature)</td> <td>Date: 10/23/03</td> <td>Time: 10:35</td> <td>RECEIVED BY: (Signature)</td> <td>Date: 10/23/03</td> <td>Time: 10:35</td> </tr> <tr> <td>RELINQUISHED BY: (Signature)</td> <td>Date: 10/23/03</td> <td>Time: 10:35</td> <td>RECEIVED BY: (Signature)</td> <td>Date: 10/23/03</td> <td>Time: 10:35</td> </tr> <tr> <td>RELINQUISHED BY: (Signature)</td> <td>Date: 10/23/03</td> <td>Time: 10:35</td> <td>RECEIVED BY: (Signature)</td> <td>Date: 10/23/03</td> <td>Time: 10:35</td> </tr> </table>										RELINQUISHED BY: (Signature)	Date: 10/23/03	Time: 10:35	RECEIVED BY: (Signature)	Date: 10/23/03	Time: 10:35	RELINQUISHED BY: (Signature)	Date: 10/23/03	Time: 10:35	RECEIVED BY: (Signature)	Date: 10/23/03	Time: 10:35	RELINQUISHED BY: (Signature)	Date: 10/23/03	Time: 10:35	RECEIVED BY: (Signature)	Date: 10/23/03	Time: 10:35
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RELINQUISHED BY: (Signature)	Date: 10/23/03	Time: 10:35	RECEIVED BY: (Signature)	Date: 10/23/03	Time: 10:35																						
<table border="0"> <tr> <td>RECEIVING LABORATORY: <u>Lea</u></td> <td>DATE: <u>10/23/03</u></td> <td>TIME: <u>10:35</u></td> <td>MATRIX: <u>W-Solid</u></td> <td>SD-Solid</td> <td>SD-Solid</td> </tr> <tr> <td>ADDRESS: <u>Lea</u></td> <td>STATE: <u>NM</u></td> <td>ZIP: <u>79705</u></td> <td>SL-Sludge</td> <td>SL-Sludge</td> <td>SL-Sludge</td> </tr> <tr> <td>CITY: <u>Lea</u></td> <td>PHONE: <u>(915) 682-4558</u></td> <td></td> <td>O-Other</td> <td>O-Other</td> <td>O-Other</td> </tr> </table>										RECEIVING LABORATORY: <u>Lea</u>	DATE: <u>10/23/03</u>	TIME: <u>10:35</u>	MATRIX: <u>W-Solid</u>	SD-Solid	SD-Solid	ADDRESS: <u>Lea</u>	STATE: <u>NM</u>	ZIP: <u>79705</u>	SL-Sludge	SL-Sludge	SL-Sludge	CITY: <u>Lea</u>	PHONE: <u>(915) 682-4558</u>		O-Other	O-Other	O-Other
RECEIVING LABORATORY: <u>Lea</u>	DATE: <u>10/23/03</u>	TIME: <u>10:35</u>	MATRIX: <u>W-Solid</u>	SD-Solid	SD-Solid																						
ADDRESS: <u>Lea</u>	STATE: <u>NM</u>	ZIP: <u>79705</u>	SL-Sludge	SL-Sludge	SL-Sludge																						
CITY: <u>Lea</u>	PHONE: <u>(915) 682-4558</u>		O-Other	O-Other	O-Other																						
<table border="0"> <tr> <td colspan="3">SAMPLE CONDITION WHEN RECEIVED:</td> <td colspan="3">REMARKS:</td> </tr> <tr> <td colspan="3"> Project Manager retains pink copy - Accounting receives Gold copy. 40 samples - 45 </td> <td colspan="3"> Project Manager retains pink copy - Accounting receives Gold copy. </td> </tr> </table>										SAMPLE CONDITION WHEN RECEIVED:			REMARKS:			Project Manager retains pink copy - Accounting receives Gold copy. 40 samples - 45			Project Manager retains pink copy - Accounting receives Gold copy.								
SAMPLE CONDITION WHEN RECEIVED:			REMARKS:																								
Project Manager retains pink copy - Accounting receives Gold copy. 40 samples - 45			Project Manager retains pink copy - Accounting receives Gold copy.																								

Please Fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy - Accounting receives Gold copy.

Analysis Request and Chain of Custody Record

HIGHLANDER ENVIRONMENTAL CORP.

**1910 N. Big Spring St.
Midland, Texas 79705**

Fax (915) 682-3948

CLIENT NAME: Shevon Terao

SITE MANAGER:
176

SITE MANAGER:
K. J. Javorez

PROJECT NO.: 1982	PROJECT NAME: #1 South Plant, 6000 E. 11th St.

nm.

SAMPLE IDENTIFICATION

[illegible]

RELINQUISHED BY: (Signature) <u>[Signature]</u>	Date: <u>10/27/03</u> Time: <u>16:20</u>	RECEIVED BY: (Signature) <u>[Signature]</u>	Date: <u>10/27/03</u> Time: <u>16:20</u>	SAMPLED BY: (Print & Sign) <u>Van Cante</u> <u>10/27/03</u>	SAMPLED BY: (Print & Sign) _____ Date: _____	
RELINQUISHED BY: (Signature) <u>[Signature]</u>	Date: <u>10/27/03</u> Time: <u>17:00</u>	RECEIVED BY: (Signature) <u>[Signature]</u>	Date: <u>10/27/03</u> Time: <u>17:25</u>	SAMPLED SHIPPED BY: (Signature) <u>LOANSTAR</u> <u>10/27/03</u>		SAMPLED SHIPPED BY: (Signature) _____ Date: _____
RELINQUISHED BY: (Signature) _____	Date: _____ Time: _____	RECEIVED BY: (Signature) _____	Date: _____ Time: _____	FEDEX HAND DELIVERED		FEDEX HAND DELIVERED _____ Date: _____
RECEIVING LABORATORY: <u>Trace Lab</u>		RECEIVED BY: (Signature) _____		HIGHLANDER CONTACT PERSON: _____		
CITY: _____	STATE: _____	ZIP: _____	RUSH CHARGES _____			
CONTACT: _____	PHONE: _____	DATE: _____	AUTHORIZED: _____			
			YES _____ NO _____			

Analysis Request and Chain of Custody Record

HIGHLANDER ENVIRONMENTAL CORP.

**1910 N. Big Spring St.
Midland, Texas 79705**

(915) 882-4559

Fax (915) 882-3948

CLIENT NAME: HEVON TEXAS

SITE MANAGER:
K. Carter

PROJECT NO.:	1982

PROJECT NAME: Yuma's #1 South Plant (acc.)

[illegible]

2

LAB I.D. NUMBER	DATE	TIME	LATITUDE	COMP.	:RAB

SAMPLE IDENTIFICATION

[illegible]

81-

15	10/22/03	10:20 W

- 19

11	10/5/03	2.55	19

77

16/11/23	3:05	
17/11/23	3:35	

4 3

107.3	29/11/2011
107.3	29/11/2011

[illegible]

18	10/2403	1140 W
10	10/13403	1130 W

11/10/11	11/10/11	11/10/11
11/10/11	11/10/11	11/10/11

4-2

2010/24/03	11:00 W
2110/31/01	7:30 W

01571	01/27/10	10
01572	01/27/10	10

07

22	1012703	1.43 W
23	1012703	1.43 W

23 14-103 10.33 w
RELINQUISHED BY: (Signature)

1-8
12/27/03
RECEIVED BY: (Signature) J

RELINQUISHED BY: (Signature)

RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature)

RECEIVED BY: (Signature)

RECEIVING LABORATORY: True
ADDRESS: _____

RECEIVED BY: (Signature)

CITY: _____ STATE: _____
CONTACT: _____ PHONE: _____
SALE CONDITION MUST BE NOTED:

P: _____ DATE: _____
CITY: _____

SAMPLES CONDITION WHEN RECEIVED:

W-Water	A-Air	SD-Solid
	SL-Sludge	O-Other
	S-Soil	

Please Fill out all copies - Laboratory retains yellow copy - Return original copy to Highlander Environmental Corp. - Project Manager retains pink copy Accounting receives Gold copy.

Project manager retains pink copy -
40 samples - HS

3102816

Analysis Request and Chain of Custody Record

HIGHLANDER ENVIRONMENTAL CORP.

1910 N. Big Spring St.
Midland, Texas 79705

(915) 682-4559

Fax (915) 682-3946

CLIENT NAME: <u>CHEVRON TEXACO</u>		SITE MANAGER: <u>KE Tawar</u>		PRESERVATIVE METHOD	
PROJECT NO.: <u>1482</u>		PROJECT NAME: <u>EUNICE #1 South Plant</u>		SAMPLE IDENTIFICATION	
LAB I.D. NUMBER	DATE	TIME	MATRIX	COMP.	GRAB
20224	10/24/03	12:40	✓		MWD -10
25	10/24/03	4:15	✓		MWD -11
26	10/23/03	1:10	✓		MWD -12
27	10/23/03	3:55	✓		MWD -13
28	10/24/03	2:45	✓		MWD -14
29	10/22/03	9:20	✓		TMW -1

RECEIVED BY: (Signature)	Date:	Time:
<u>[Signature]</u>	10/27/03	10:20
RECEIVED BY: (Signature)	Date:	Time:
<u>[Signature]</u>	10/27/03	17:00
RECEIVED BY: (Signature)	Date:	Time:
<u>[Signature]</u>		

RECEIVING LABORATORY:	STATE:	ZIP:	DATE:	TIME:
<u>Trace Lab</u>				

ADDRESS:	CITY:	STATE:	ZIP:

SAMPLE CONDITION WHEN RECEIVED:	MATRIX:	DATE:	TIME:
	☒ W-Water ☐ S-Soil ☐ A-Air ☐ SL-Sludge ☐ SD-Solid ☐ O-Other		

REMARKS:

PAGE: 3 OF: 3
ANALYSIS REQUEST
(Circle or Specify Method No.)

GC/MS Vol. 8240/8260/824	
GC/MS Semi. Vol. 8270/825	
PCB's 8080/808	
Post. 808/808	
BOD, TSS, pH, TDS, Chloride	
Gamma Spec.	
Alpha Beta (Air)	
PLM (Asbestos)	
Chloride	
TCIP Volatiles	
TCIP Semi Volatiles	
TCIP Metals Ag As Ba Cd Cr Pb Hg Se	
TCIP Metals Ag As Ba Cd Cr Pb Hg Se	
PAH 8270	
TFH 418.1 8015 MOD. TX1006	
MTBE 8020/808	
STEX 8020/808	
HTH 8020/808	
TFH 418.1 8015 MOD. TX1006	
PAH 8270	
TCIP Metals Ag As Ba Cd Cr Pb Hg Se	
TCIP Metals Ag As Ba Cd Cr Pb Hg Se	
TCIP Volatiles	
TCIP Semi Volatiles	
GC/MS Vol. 8240/8260/824	
GC/MS Semi. Vol. 8270/825	
PCB's 8080/808	
Post. 808/808	
BOD, TSS, pH, TDS, Chloride	
Gamma Spec.	
Alpha Beta (Air)	
PLM (Asbestos)	
Chloride	

SAMPLED BY: Print Name Date: 10/27/03
SAMPLED BY: Print Name Date: 10/27/03
SAMPLES SHIPPED BY: Print Name Date: 10/27/03
FEDERX
HAND DELIVERED
HIGHLANDER CONTACT PERSON: KE Tawar
RESULTS BY: Print Name
RUSH CHARGES AUTHORIZED: Print Name
Y/N

2 ID samples - HS

APPENDIX B

Ferret System Product Recovery Table

ChevronTexaco
Eunice South Gas Plant

O & M Field Report Summary

EAST SIDE FERRET SYSTEM

Date	Number of Days Produced	MW-20 (North Tank)		MW-5 (South Tank)		Volume Transferred to Tank Battery		Comments
		Oil (gals.)	Water (gals.)	Oil (gals.)	Water (gals.)	Oil (gals.)	Water (gals.)	
05/27/2003	1	0	0	0	0	0	0	1st day to pump. Started at 3 pm.
5/29/03	2	5	0	1	29	0	0	Reset pump in MW-20 - not in fluid.
06/04/2003	6	5	0	10	100	15	100	MW-20 out of fluid, pump hanging up. Transfer pump not working, repaired 6/5/03. John transferred oil & water to gun barrel.
06/12/2003	8	0	0	0	0	0	0	Pump down - no air pressure.
06/19/2003	7	0	0	10	100	10	100	MW-20 - not pumping. Pulled pump - bypass plugged.
06/25/2003	6	5	100	5	130	10	230	Pumped into Tank Battery.
07/08/2003	13	5	15	0	210	0	0	Electrical problems - kicks out at box
07/09/2003	1	-	-	-	-	0	0	Electrical problems - kicks out at box
07/17/2003	8	0	0	5	30	5	30	
07/25/2003	8	0	0	0	160	0	160	No oil in water
08/04/2003	10	15	15	0	100	15	115	Electrical problems - breaker blown
08/13/2003	9	0	0	0	0	0	0	No power. Reset breaker, working.
08/22/2003	8	5	185	5	210	10	395	Ferret - active/pumping.
08/29/2003	7	5	150	5	150	10	300	Pumps running.
09/04/2003	6	5	130	0	135	5	265	Pumps running. Small valve leak - replaced valve.
09/10/2003	6	5	135	5	135	10	270	Pumps running.
09/18/2003	8	5	160	5	160	10	320	Pumps running.

ChevronTexaco
Eunice South Gas Plant

O & M Field Report Summary

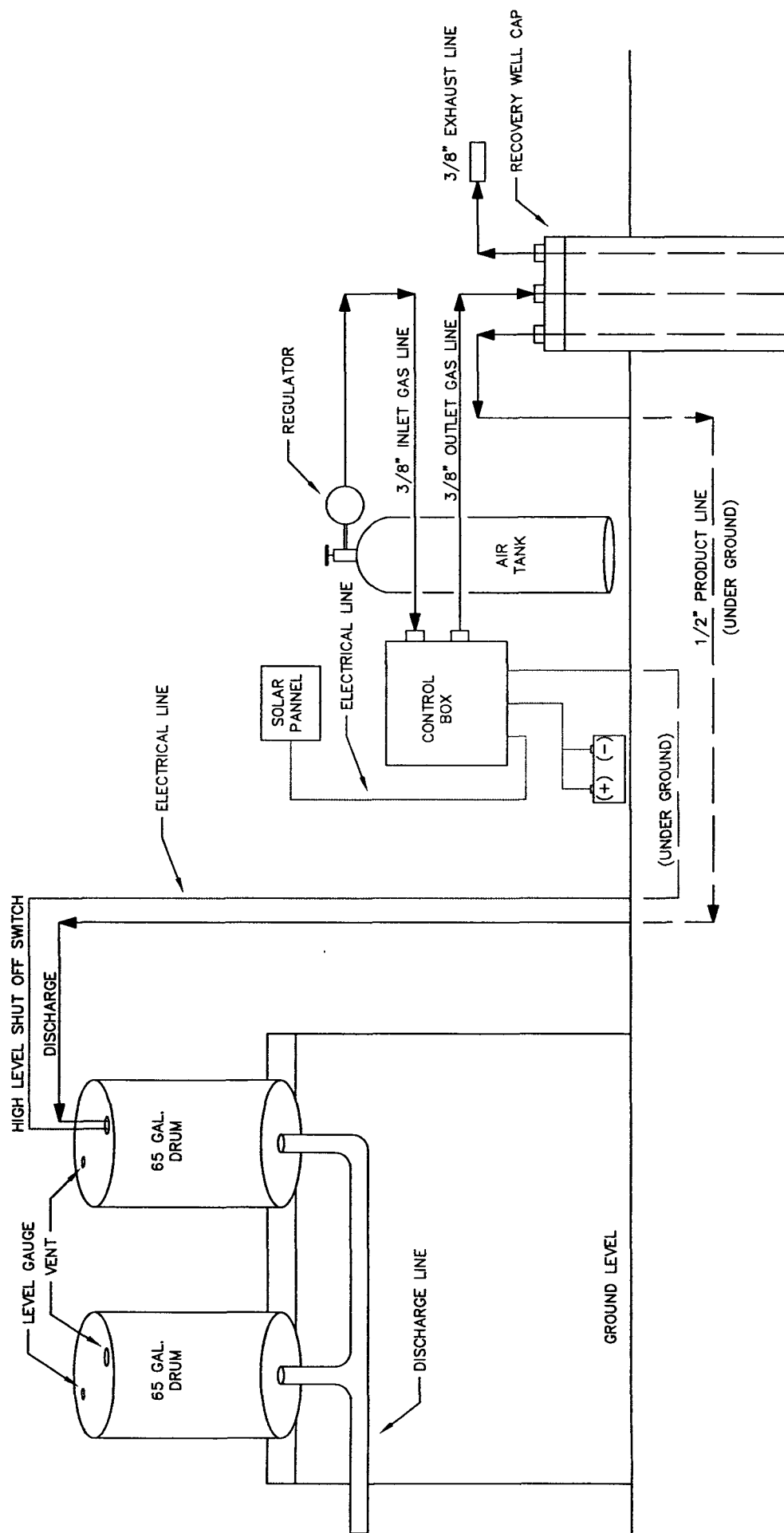
EAST SIDE FERRET SYSTEM

Date	Number of Days Produced	MW-20 (North Tank)		MW-5 (South Tank)		Volume Transferred to Tank Battery		Comments
		Oil (gals.)	Water (gals.)	Oil (gals.)	Water (gals.)	Oil (gals.)	Water (gals.)	
09/25/2003	7	5	150	5	160	10	310	Ferret pumps are running.
10/01/2003	6	5	130	5	130	10	260	Pumps running.
10/10/2003	9	5	180	5	180	10	360	Pumps running.
10/17/2003	7	5	150	5	150	10	300	Pumps running.
10/24/2003	7	5	145	5	145	10	290	Pumps running.
10/30/2003	6	5	135	5	135	10	270	Pumps running.
11/06/2003	7	5	155	5	155	10	310	Pumps running.
TOTALS		95	1935	86	2704	170	4385	

APPENDIX C

Xitech Operating Manual & As Built System

XITECH PUMP SCHEMATIC & FLOW DIAGRAM



LEA COUNTY, NEW MEXICO

ChevronTexaco
Exploration & Production Company

XITECH PUMP SCHEMATIC
& FLOW DIAGRAM

HIGHLANDER ENVIRONMENTAL CORP.
MIDLAND, TEXAS

DATE: 1/22/04
DWG. BY: JJ
FILE: C:\TEXACO\XITECH\XITECH.PUMP-FLOW

NOT TO SCALE

ADJ 1000 Smart Skimmer & 2500ES Electronic Timer Operations Manual

LIMITED WARRANTY

This product is warranted to the original purchaser to be free from defective materials and workmanship. Under this warranty the product will be repaired or replaced at our option, without charge for parts or labor.

This warranty does not apply to the ADJ 1000 S Skimmer Hydrophobic filter, air logic valve, or diaphragm.

The period of this warranty covers 3 year on parts and labor from date of original purchase.

Caution:

Read rules for safe operation and instructions carefully.

© Copyright 1993 REV 9-99

XITECH
Instruments, Inc.

06 Camino De Los Desmontes, Placitas, New Mexico 87043
505-867-0008 505-867-0212

WEB SITE: xitechinc.com E Mail: xitechinc@xitechinc.com

RULES FOR SAFE OPERATION

1. Please review carefully and abide by the maximum limits placed on each type of equipment.
2. Please follow standard electrical practices and safety precautions when installing AC or DC power to our products.

Product Recovery System Installation

The system in figure 1 relates to floating hydrocarbon recovery in wells four inches in diameter and larger. This system includes: an intrinsically safe ADJ 1000 pneumatic skimmer which removes only product to a sheen up to 200 feet deep, a three function electronic timer Model 2500ES that operates the ADJ1000 skimmer intermittently, and an electronic high level tank shutoff sensor assembly.

STEP 1. Mount electronic timer (Model 2500ES) in a vertical position near the air source, power source, and holding tank if possible. **CAUTION:** The standard electronic timer is NOT intrinsically safe. If this timer must operate in a CLASS I area, the XITECH CLASS I timer will be required. Air supply needs to be free of WATER and OIL to have minimum maintenance. **NOTE:** The ON/OFF switch inside the timer is for AC and DC power. There is a fuse inside the timer for the AC and DC power.

STEP 2. Install holding tank shutoff assembly into holding tank (a 2" standard pipe inlet will be required in the holding tank). The level of product in the holding tank can be set by raising or lowering the liquid level sensor attached to the rod. Wire the sensor cable into the timer (Figure 3). **NOTE:** If additional signal cable is needed to position the holding tank assembly further away from the timer, use three conductor wires.

STEP 3. Attach power line from the battery or AC Line to the timer (Figure 3). Turn on the timer power switch. The Product Tank Full light will turn RED for a moment then turn GREEN for a moment, and finally go to a BLINKING GREEN light if the tank sensor is working properly. A RED light at the "Product Tank Full" window indicates you have a problem with the tank sensor or the power source. Turn off the power switch and re-check the sensor wiring and the power source.

ADJ 1000 Smart Skimmer and 2500ES Electronic Timer with Tank Shut-off

Without the use of AC power

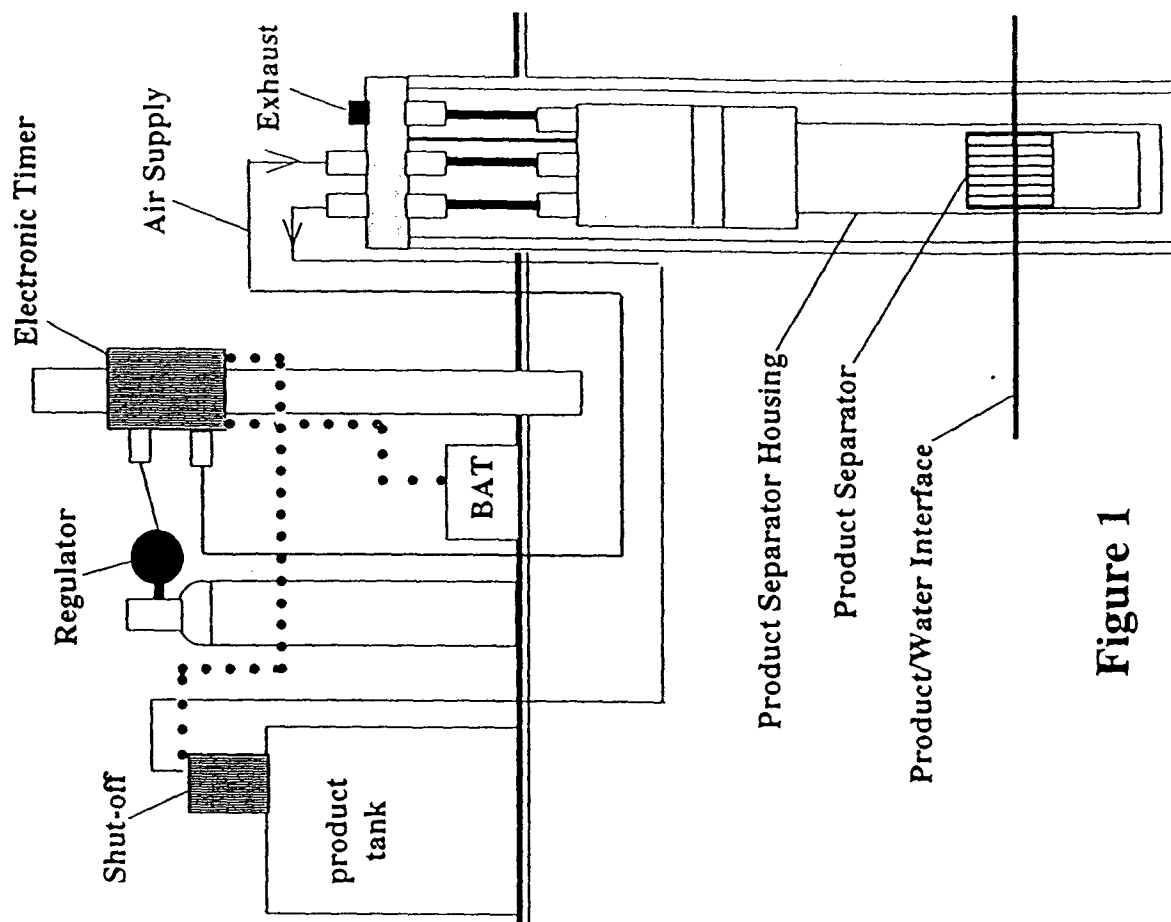


Figure 1

If the RED light continues to stay on, call the factory. If you plan to operate this system for a long period of time on a battery, we suggest you use a solar panel (see Page 9 for installation) to maintain power in the battery. **TURN OFF** the power at this time.

STEP 4. Install 1/2"OD air supply tubing from the main air source (bottled gas or air compressor) to the INLET of the Timer. Do NOT apply air pressure YET.

STEP 5. Cut a length of 1/2"OD tubing to cover the distance from the timer OUTLET over to the well cap, down to the top of the skimmer, plus a few extra feet for a dropping water table. **NOTE:** To Position the skimmer at the optimum depth. Allow enough tubing down the well to position the CENTER of the skimmer's slotted well screen at the PRODUCT/WATER interface if the product thickness is less than 2 feet. If the product thickness is greater than 2 feet then position the CENTER of the skimmer's slotted well screen at least 2 feet below top of product.

STEP 6. Position the skimmer and well cap on the ground near the well. Install the 1/2"OD air supply tubing from the timer OUTLET over to the well cap tube fitting labeled "G" (Figure 2). Slide enough tubing through the well cap to position the skimmer at the PRODUCT/WATER interface (see above). Attach the end of the tubing to the skimmer tube fitting labeled "G". Try not to kink the tubing. Kinks weaken the tubing.

STEP 7. Apply 70 psi of air pressure to the timer. Turn the pumping time knob on the timer to the "CONT" position and turn on the power. The skimmer should start pumping. Apply a bubble solution to all connections to check for leaks. **NOTE:** This leak check is very important if you plan to use bottled gas as the air source. Adjust the air pressure to desired operating level.

$$\text{AIR PRESSURE} = 35 + \frac{\text{Total Vertical Lift}}{2.85}$$

Minimum operating pressure is 35 PSI

Maximum operating pressure is 125 PSI

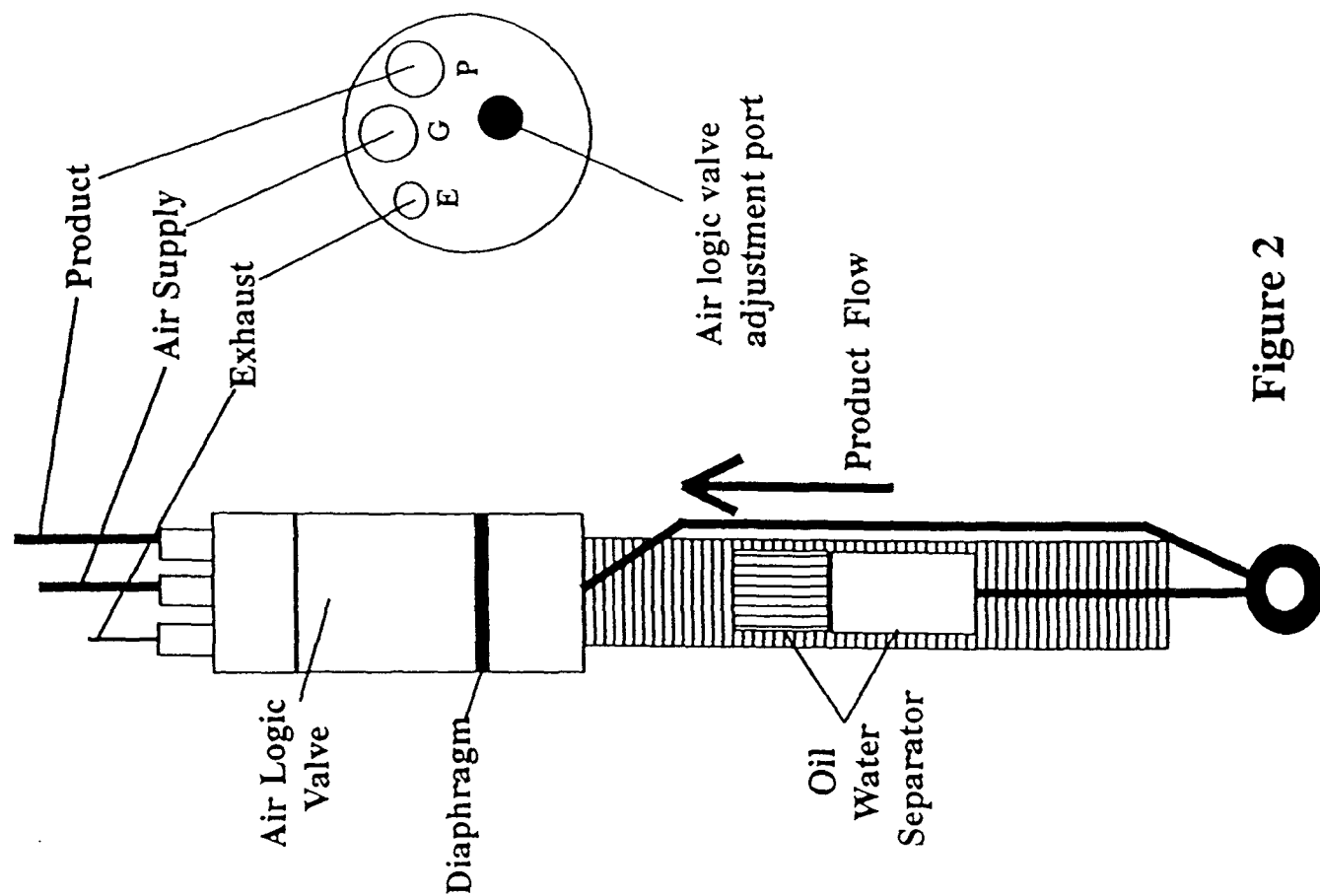


Figure 2

2500ES Electronic Timer

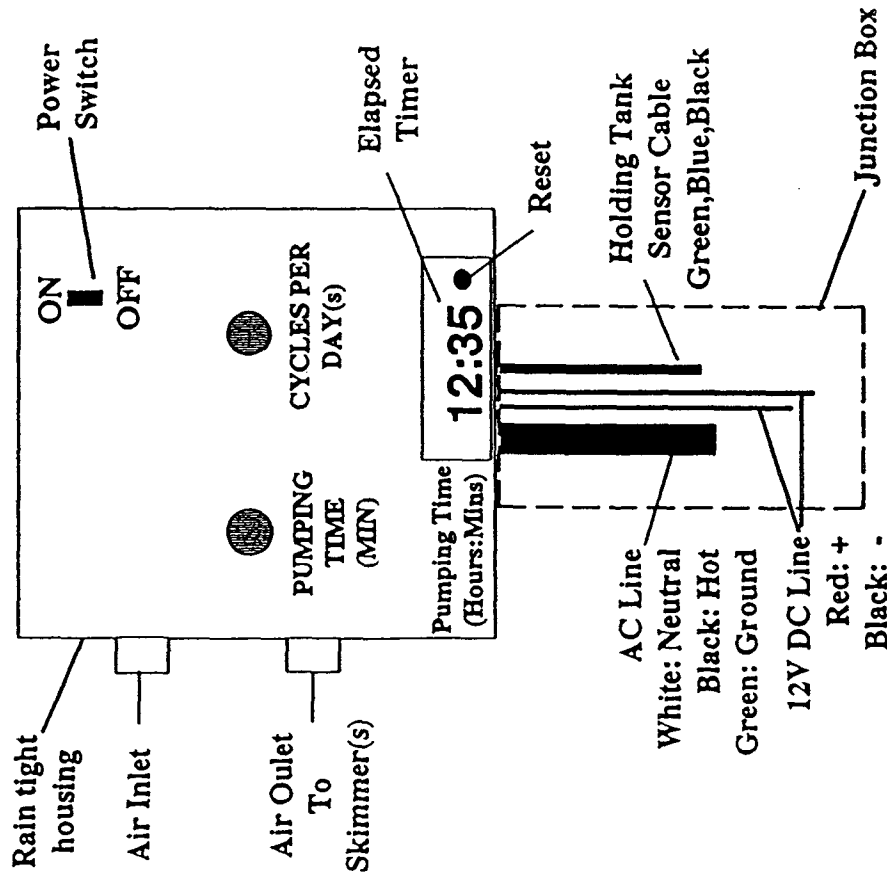


Figure 3

STEP 8. While skimmer is running at desired operating air pressure above ground, confirm and/or adjust skimmer pulse rate. To adjust skimmer pulse rate, remove small plug at the top of the skimmer pump head and insert a small flat-head screwdriver into the air logic valve located inside pump head. Turn clockwise to decrease pulse rate. NOTE: Factory sets skimmer pulse rate to 70 pulses per minute at 50 psi operating pressure. Maximum recommended pulse rate is 80 pulses per minute. Lower pulse rates will consume less air.

THE AIR SUPPLY IS NOW READY FOR USE. TURN THE TIMER POWER SWITCH TO OFF FOR NOW.

STEP 9. Cut a length of 1/2"OD tubing for the product line to cover the distance from the holding tank shut-off assembly over to the well cap, down to the top of the skimmer, plus a few extra feet for up & down adjustments of the water interface. NOTE: Use the same distance from the top of the well to the top of the skimmer as the air supply line.

STEP 10. Cut a length of 7/8"ID neoprene tubing to cover the distance from the holding tank shut-off assembly over to where the product line goes below ground or to the well cap. NOTE: This tubing only needs to cover the ABOVE ground portion of product line.

STEP 11. Slide 7/8"ID tubing over 1/2"OD tubing end which attaches to the holding tank shut-off assembly. Attach both tubes to the holding tank shut-off assembly. Place a hose clamp around the 7/8"ID tube to ensure leak tightness. Run 1/2"OD product line over to well cap tube fitting labeled "P". Slide enough tubing through the well cap to equal the air supply line. Attach the end of this tubing to the skimmer tube fitting labeled "P".

STEP 12. Cut a length of 3/8"OD tubing for the air exhaust line to cover the distance from the top of the well cap to the top of the skimmer, plus a few feet for up&down adjustments of the water interface.

STEP 13. Install 3/8" OD air exhaust tubing through the well cap tube fitting labeled "E" on to the skimmer tube fitting labeled "E".

STEP 14. Attach a safety cable from inside the well cap to the top of the skimmer pump head. Be sure to leave 3-4 feet of slack in the cable. The tubing will carry the weight of the skimmer.

YOU ARE NOW READY TO PLACE THE SKIMMER INTO THE WELL.

STEP 15. Turn on the power switch at the timer and turn the Pumping Time knob to the CONT. position to start the skimmer running. Hold the skimmer in an upright position and check that the yellow hose at the bottom of skimmer is not twisted. Now slowly lower the skimmer into the well.

Operation of the Product Recovery System

STEP 1. With the skimmer and timer installation complete, reset the digital timer to 0-00. You should notice that the skimmer is running by feeling air pulses coming from the 3/8" OD exhaust port at the top of the well cap. The Digital Readout should have a blinking "." which indicates that the totalizing timer is running. To confirm the skimmer is pumping place the discharge line in a cup of water. If the skimmer is working properly, you will see a bubble for each air exhaust pulse.

STEP 2. Observe the product being discharged by the skimmer. Be sure no water is being pumped.

STEP 3. Record the amount of time it takes to empty the well of product. When the well is empty of product, turn off the timer power. Remove the skimmer from the well and record the amount of time it takes for the product to fully recover to the original static level.

NOW SET THE TIMER INTERMITTENT SKIMMING.

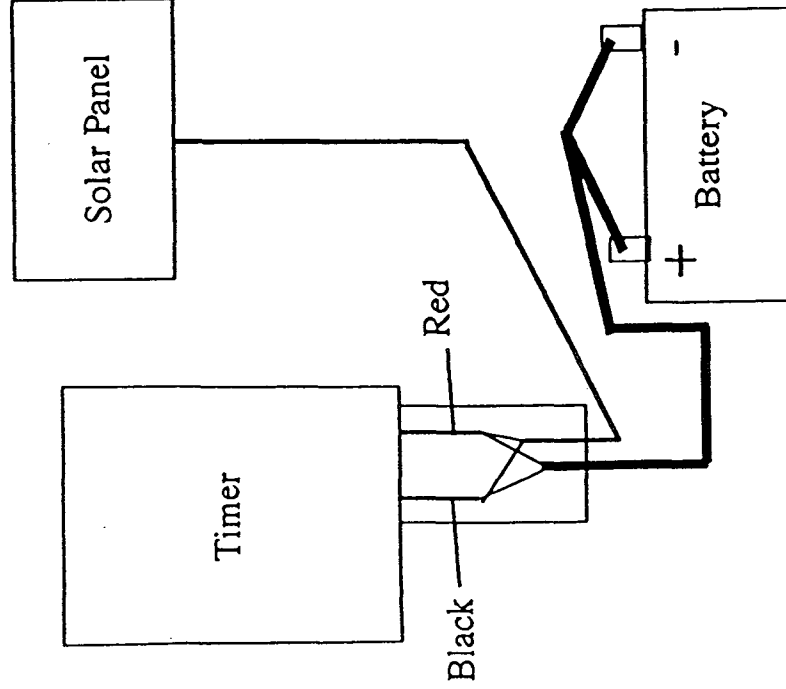
STEP 4. If you found that it took 10 minutes to pump the well dry of product and 2 hours for the product to return to static level after the skimmer was turned off, and then set the "pumping time" to 10 minutes and the "cycles per day" to 12 cycles per day, as a starting point.

NOTE: Timing begins when power is applied. The settings ending with a "D" means days delay. For example: If the "cycles per day" is set to 5D and you turn on the power to the timer, the timer will immediately operate the skimmer for the selected amount of pumping time and then wait 5 days before running the skimmer again.

FINAL NOTE: Keep in mind that you are trying to obtain a desired balance between air consumption, how often you have to empty the product tank, and and total product recovery. The timer is the best place to make your adjustments to establish this balance.

Solar Panel Installation

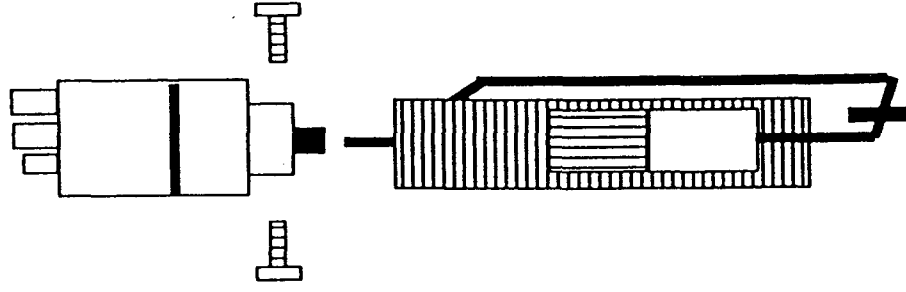
1. Attach solar panel to the solar panel bracket and then to pole above the Electronic Timer.
2. Remove the lower junction box plate from the timer. Take the battery cable end (without the clips) and insert thru opening in bottom of junction box. Take solar panel cable end and also insert thru same opening in bottom of junction box. Attach red wires from the solar panel cable, battery cable, and the timer together with the yellow wire nut provided. Attach black wires from the solar panel cable, battery cable, and the timer together with the yellow wire nut provided.
3. Attach the red power cable battery clip to the positive terminal on the battery and the black power cable battery clip to the negative terminal on the battery.



Removing The Skimmer Assembly From The Pump

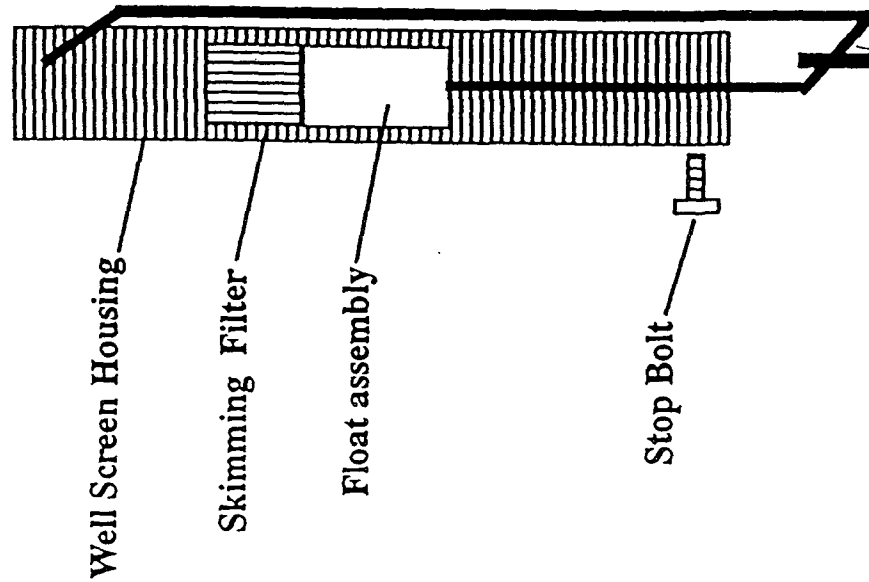
The Pump

1. Remove the two bolts that secure the skimming housing to the pump. Remove the lower tubing strap at the bottom of the skimmer.
2. Separate the skimming housing from the pump by feeding the black product tubing that runs along the outside of the well screen up into the well screen.
3. Compress the release collar on the tubing fitting to free the product tubing from the fitting.



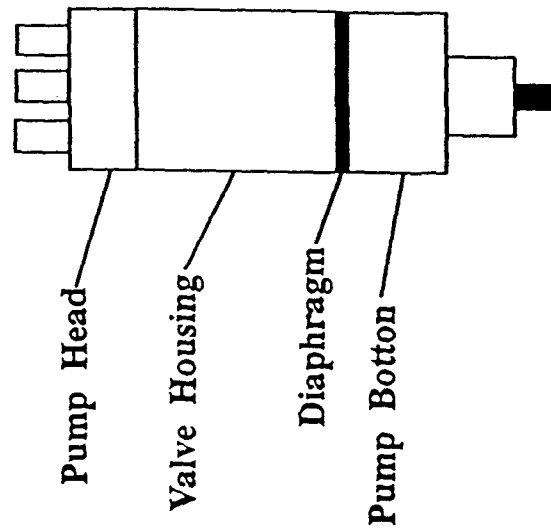
Replacing The Skimming Filter

1. Remove the stop bolt at the bottom of the well screen housing.
2. Remove the skimming assembly from the well screen housing.
3. Remove the skimming filter by pulling off of the float assembly. No tools required.
4. Push on a new skimming filter onto the float assembly and return skimming assembly to the well screen housing.
5. Secure the stop bolt to the well screen housing.



Replacing The Skimmer Diaphragm

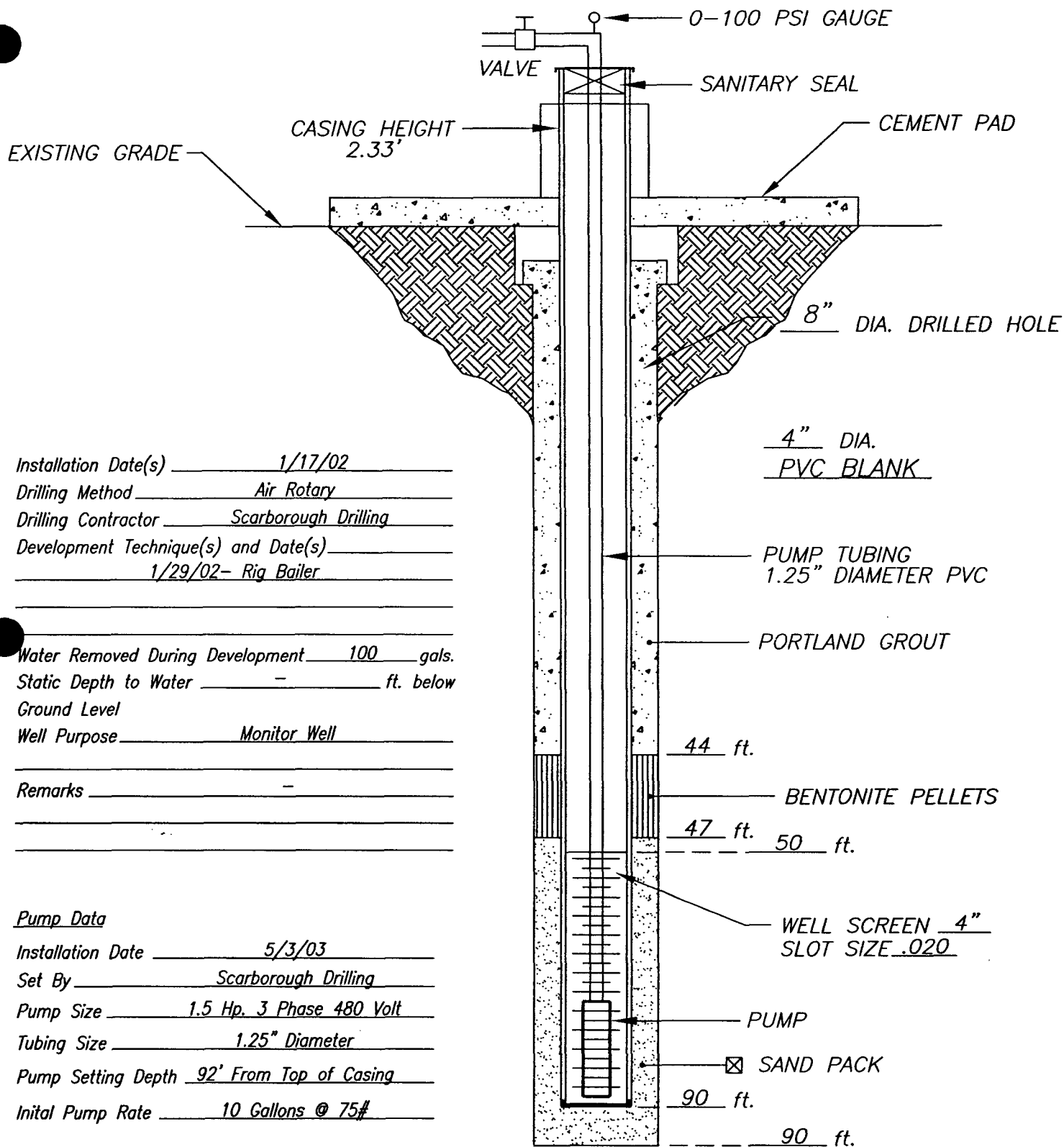
1. Loosen all bolts until pump bottom can be detached. Do not separate pump head, valve housing, or diaphragm from the six bolts at this time.
2. Lay pump on it's side on the table and remove the diaphragm from all six bolts.
3. Place new diaphragm onto the six bolts and reattach upper pump parts with the pump bottom.



APPENDIX D

Chloride Recovery Well Completion Data

WELL CONSTRUCTION LOG



Installation Date(s) 1/17/02

Drilling Method Air Rotary

Drilling Contractor Scarborough Drilling

Development Technique(s) and Date(s) 1/29/02- Rig Bailer

Water Removed During Development 100 gals.

Static Depth to Water - ft. below Ground Level

Well Purpose Monitor Well

Remarks -

Pump Data

Installation Date 5/3/03

Set By Scarborough Drilling

Pump Size 1.5 Hp. 3 Phase 480 Volt

Tubing Size 1.25" Diameter

Pump Setting Depth 92' From Top of Casing

Initial Pump Rate 10 Gallons @ 75#

ChevronTexaco Company

E: 1/17/02

**Highlander
Environmental**

CLIENT: Texaco Exploration & Production

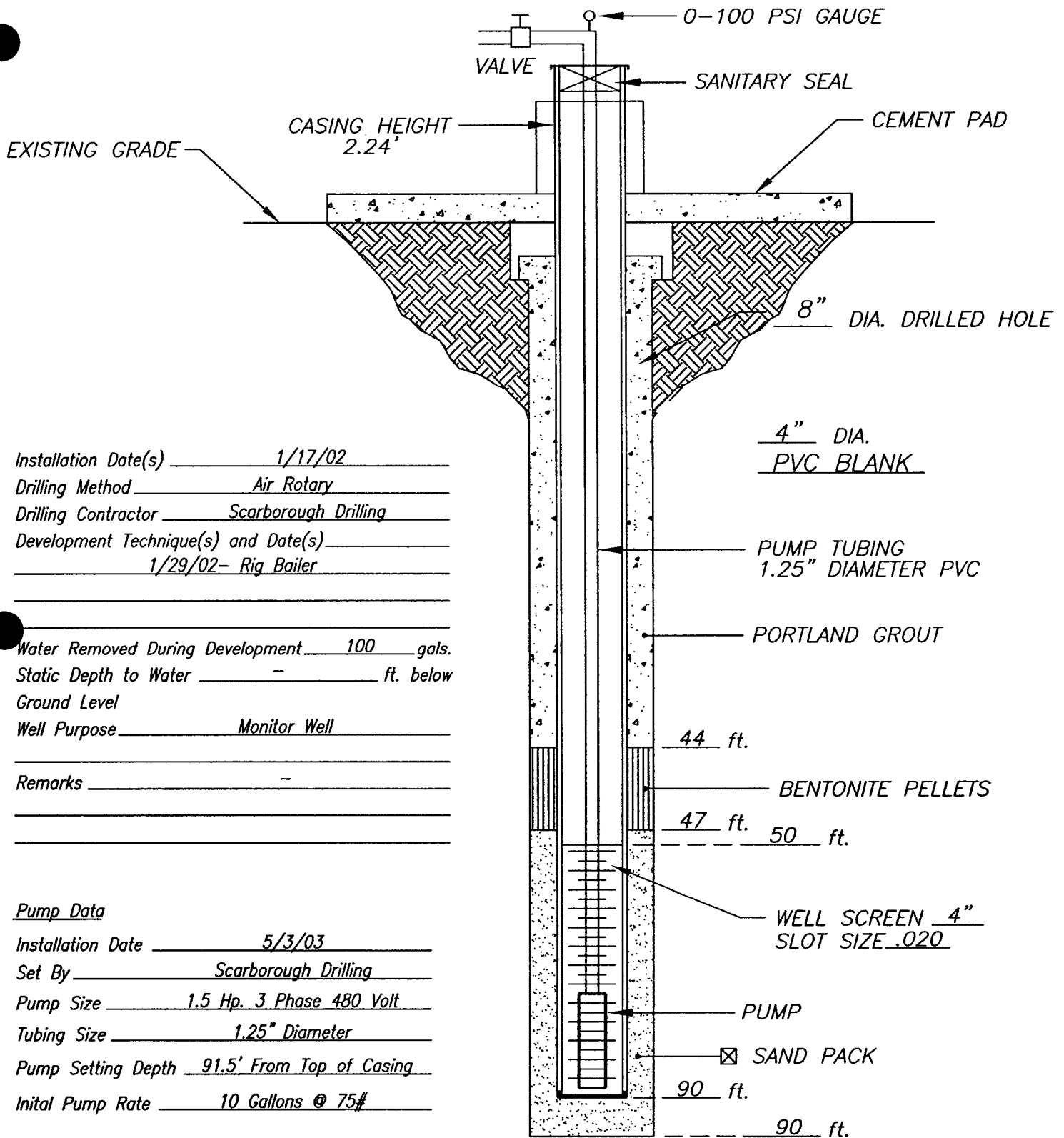
PROJECT: Eunice #1 (South) Gas Plant

LOCATION: Lea County, New Mexico

WELL NO.

MWD-9

WELL CONSTRUCTION LOG



ChevronTexaco

Company

E: 1/17/02

**Highlander
Environmental**

CLIENT: ~~Texaco~~ Exploration & Production

PROJECT: Eunice #1 (South) Gas Plant

LOCATION: Lea County, New Mexico

WELL NO.

MWD-3

APPENDIX E

Water Rights & OSE Permit Application

Dynegy Midstream Services, Limited Partnership
6 Desta Drive, Suite 3300
Midland, Texas 79705
Phone 915.688.0555 • Fax 915.688.0552

September 30, 2003

Mr. Scott Toner
ChevronTexaco Exploration and Production Inc.
15 Smith Road
Midland, Texas



Re: Water Rights Usage for the Versado Gas Processors LLC, Eunice South Compressor Station, Section 27, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Toner:

Dynegy Midstream Services, LP (Dynegy), operator of the Eunice South Compressor Station (formerly Eunice #1 South Gasoline Plant) for Versado Gas Processors, LLC (Versado), hereby consents to ChevronTexaco Exploration and Production Inc. (ChevronTexaco), successor company to Texaco Exploration and Production Inc. (Texaco), and former owner/operator of the Eunice South Compressor Station, its use of water rights owned by Versado in Section 27, Township 22 South, Range 37 East, Lea County, New Mexico.

The use of water rights is for the expressed purpose of remediation of groundwater at the Eunice South Compressor Station, located in Section 27, Township 22 South, Range 37 East, Lea County, New Mexico, and is subject to all permitting, monitoring, reporting and other requirements of the Office of the State Engineer for the State of New Mexico. The use of water rights is hereby granted for a period not to exceed five (5) years, unless approval is granted in writing by Versado, its successor or assigns. ChevronTexaco shall also provide Versado with copies of reports that may be required by the Office of the State Engineer for the State of New Mexico. Usage of groundwater granted with this approval is for water rights CP-6, CP-7, CP-9, CP-231, CP-232, CP-233, CP-234, CP-243 and CP-244, and shall not exceed the maximum water allocations, in acre-feet per year, allowed by the Office of the State Engineer for the State of New Mexico. Please call Mr. Cal Wrangham at (432) 688-0542 if you have any questions.

Sincerely,

Clark White, Vice President
Dynegy Midstream Services, LP

cc: Cal Wrangham
James Lingnau
Michael Brumley



Highlander Environmental Corp.

Midland, Texas

October 1, 2003

Mr. Johnny Hernandez
Office of the State Engineer
District II
1900 West Second Street
Roswell, New Mexico

Re: Request for Supplemental Wells – Emergency Conditions

Dear Mr. Hernandez

The following is a request for Supplemental Wells – Emergency Conditions for Versado Gas Processors, LLC (Versado), to convert two existing monitor wells to recovery wells and to drill four additional recovery wells for remediation of the aquifer that has been impacted by saltwater at the Eunice (South) Gas Plant site, currently operated by Dynegy Midstream Services, LP (Dynegy). The remediation is being performed under the jurisdiction of the New Mexico Oil Conservation Division for ChevronTexaco Exploration and Production Inc. (ChevronTexaco), successor company to Texaco Exploration and Production Inc. (Texaco), the former operator of the Eunice (South) Gas Plant #1. The plant is now referred to as the Eunice South Compressor Station.

Project History

The wells are necessary to implement one phase of the remediation of the aquifer at the site. This plant is located in the southwest quarter of Section 27, T22S, R37E, in Lea County, New Mexico, and was originally constructed by Skelly Oil Company in 1937. Skelly Oil Company was subsequently acquired by or merged with Getty Oil, which was later merged with Texaco. Texaco subsequently sold the plant to the current owner, Versado, which is a joint venture company that is owned by both ChevronTexaco and Dynegy. The plant is currently operated by Dynegy Midstream Services, LP.

Current existing well sites and future needs

Currently Versado has nine shut-in, permitted wells in Section 27 that have a cumulative water allotment of 390 acre feet per year for industrial use. The plant has additional permitted wells located north of Section 27 which are being used to supply plant water to this and other Dynegy operated gas plants in the Eunice, New Mexico area. It is necessary to convert two existing monitor wells and drill an additional four recovery wells, as none of the currently permitted wells are located in the area of the impact and therefore cannot be utilized as recovery wells. The proposed recovery wells will produce an estimated maximum of 257 acre feet per year for the reclamation project. The new wells will produce at an approximate rate of 30 gallons per minute (gpm) per well and the converted monitor wells will produce approximately 20 gpm per well. The nine referenced wells in Section 27 currently under the allotment are shown in Table #1 along with their current allotment and location. The six recovery well locations and estimated production rates are shown in Table #2, as well as the current well's allotment assigned to each. The locations of the new wells at the plant site are noted on Figure #2. Attached is a letter from Dynegy, acting as the operator for Versado, authorizing the use of the allotments for the wells for this project.

Justification of Emergency Conditions

The owner of the water rights requests to use the supplemental wells upon making application prior to publication and hearing. The justification for this action is as follows:

1. The wells will be drilled in the same underground water source as the current nine wells under allotment.
2. The supplemental wells will produce less water than the current allotment amount.
3. An emergency situation exists due to the increasing chloride levels that have been detected in offsite monitor wells caused by the impact found at the plant. Serious economic loss due to increased dispersion of the plume, with potential impact of offsite receptors could be realized.
4. Our evaluation indicates that the use of these supplemental wells will not impair existing water rights or grants.

The use of the wells will begin upon approval of the State Engineer of the emergency condition prior to publication and hearing.



Current Status of Wells

Currently, two monitor wells have been drilled and are ready to be used as recovery wells. The wells have been equipped with 1.5 hp Groudfos pumps, one inch meters and are connected into a storage and transfer facility. The wells have not been produced except for testing purposes and less than 200 gallons of water have been produced from each. None of the four proposed new wells have been drilled.

Disposal and Testing of Wells

The water from the wells will be metered and records of production maintained as per New Mexico State Engineer requirements. The water will be transferred to an onsite storage facility for disposal in the plant's onsite disposal well. All of the wells will be tested on a quarterly basis and pumping will be stopped when the water quality is remediated to acceptable concentrations.

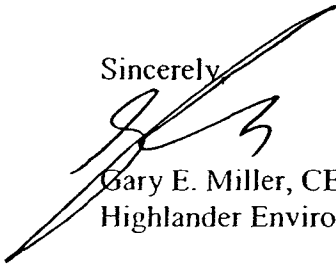
Status of Applications

The applications to convert the two existing monitor wells and the proposed location of the four new wells are attached, as well as a map showing the location of the wells inside the plant site. A USGS topographic map has also been included to show the regional location of the site.

Contact persons

Highlander Environmental Corp. has been contracted to perform the remediation at the site as well as prepare the attached applications. For additional information or questions about the site please contact Mr. Gary E. Miller or Mr. Tim Reed, with Highlander at 432-682-4559.

Sincerely,



Gary E. Miller, CEA

Highlander Environmental Corp.

cc. Scott Toner, ChevronTexaco





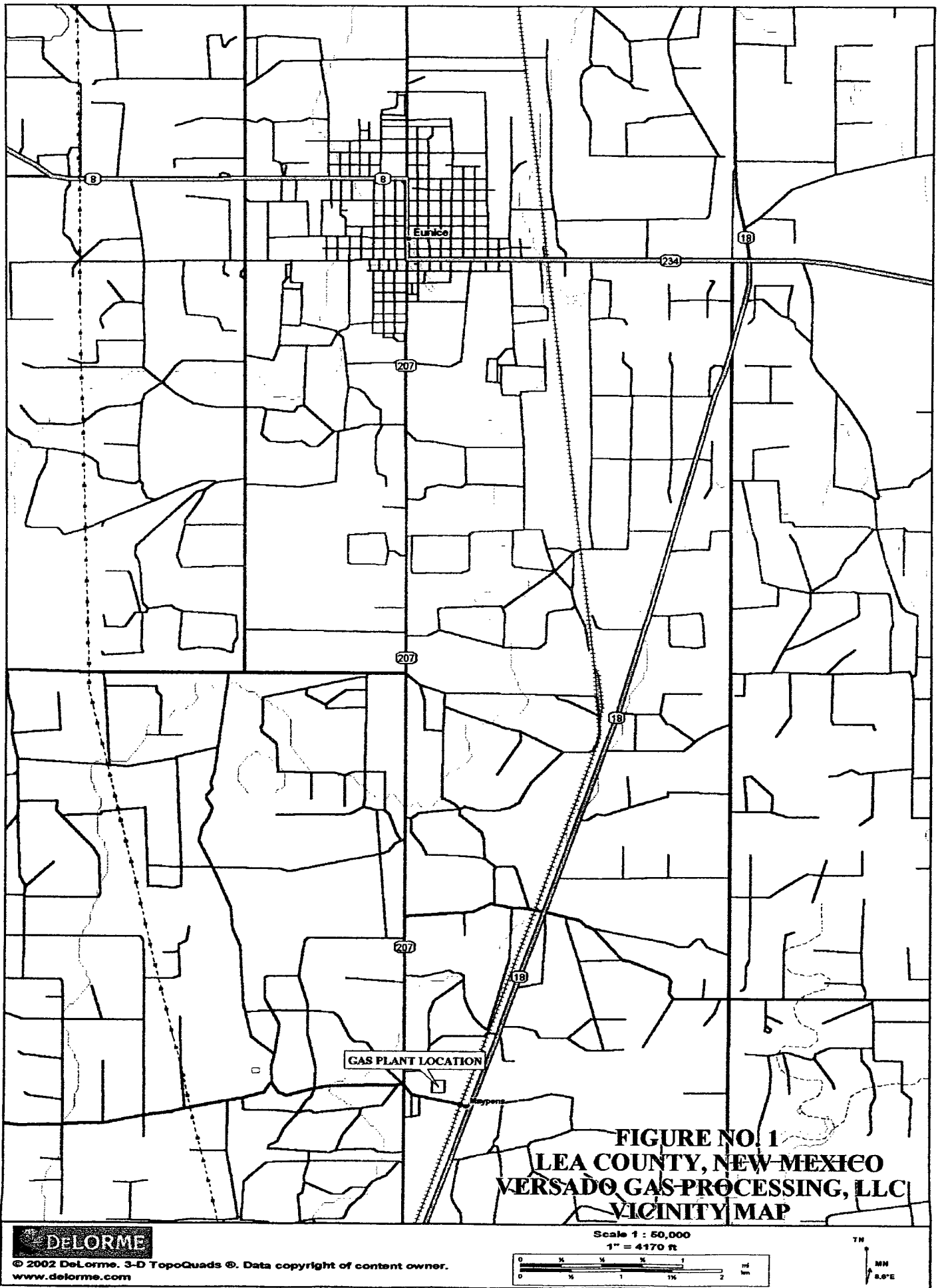
Table No. 1
Current Well Allotment
Section 27, T-22-S, R-37-E
Lea County, New Mexico

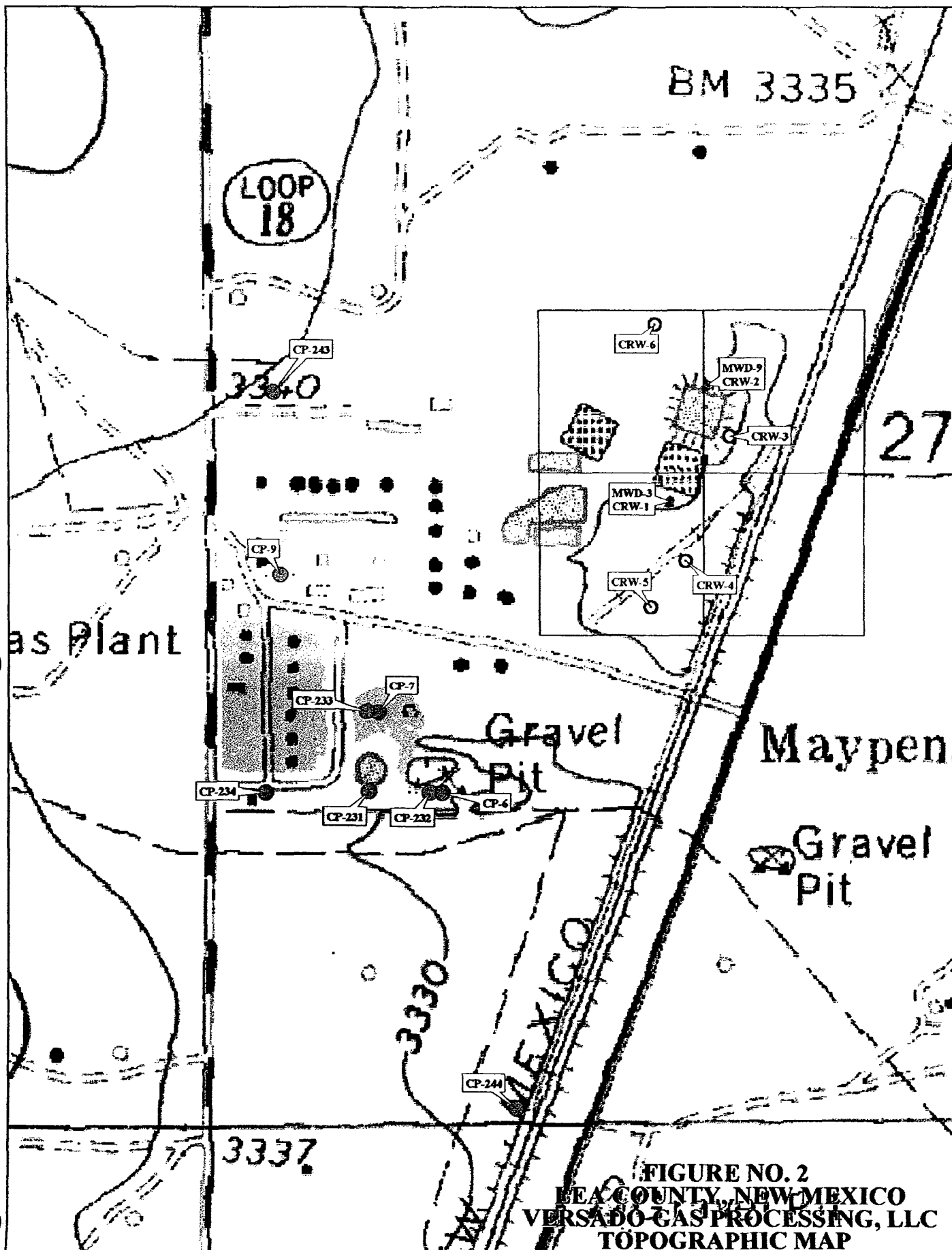
File Number	Priority	Allocation Acres/Year	Declaration	Numeric Location	Legal description	Location
CP-6	1937	48	4/14/49	22.37.27.314.344	950 FWL, 1350 FSL	SE4 NW4 SW4
CP-7	1937	32	4/14/49	22.37.27.314.133	700 FWL, 1675 FSL	SE4 NW4 SW4
CP-9	1942	40	4/14/49	22.37.27.311.311	230 FWL, 2230 FSL	NW4 NW4 SW4
CP-231	1937	60	1/11/66	22.37.27.313.444	650 FWL, 1350 FSL	SW4 NW4 SW4
CP-232	1957	14	1/11/66	22.37.27.314.344	950 FWL, 1350 FSL	SE4 NW4 SW4
CP-233	1941	60	1/11/66	22.37.27.314.133	700 FWL, 1675 FSL	SE4 NW4 SW4
CP-234	1943	48	12/20/66	22.37.27.313.331	230 FWL, 1350 FSL	SW4 NW4 SW4
CP-243	1695	40	12/02/66	22.37.27.133.311	230 FWL, 2320 FNL	SW4 SW4 NW4
CP-244	1945	48	4/14/49	22.37.27.334.444	1300 FWL, 50 FSL	SW4 SE4 SW4

CP-6 and CP-232 have the same location and the records did not indicate if one had replaced the other, both are still shown as active wells
CP-7 and CP-233 have the same location and the records did not indicate if one had replaced the other, both are still shown as active wells

Table No. 2
Proposed Supplemental Wells
Section 27, T-22-S, R-37-E
Lea County, New Mexico

Well Name	File # of Allotment to be assigned	Estimated/Acre Feet/Year	Year Drilled	Estimated Numeric Location	Estimated Legal Description	Location
CRW-1 (MWD-3)	CP-243	32	6/6/01	22.37.27.321.232	2526' FSL, 1844' FWL	NW4NE4SW4
CRW-2 (MWD-9)	CP-9	32	1/17/02	22.37.27.144.133	2246' FNL, 2004' FWL	SE4SE4NW4
CRW-3	CP-231	48	To be drilled	22.37.27.144.321	2466' FNL, 2093' FWL	SE4SE4NW4
CRW-4	CP-233	48	To be drilled	22.37.27.321.422	2278' FSL, 1912' FWL	NW4NE4SW4
CRW-5	CP-234	48	To be drilled	22.37.27.321.432	2098' FSL, 1771' FWL	NW4NE4SW4
CRW-6	CP-244	48	To be drilled	22.37.27.143.221	2036' FNL, 1803' FWL	SW4SE4NW4





DELORME

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www.delorme.com

Dynegy Midstream Services, Limited Partnership
6 Desta Drive, Suite 3300
Midland, Texas 79705
Phone 915.688.0555 • Fax 915.688.0552

September 30, 2003

Mr. Scott Toner
ChevronTexaco Exploration and Production Inc.
15 Smith Road
Midland, Texas



Re: Water Rights Usage for the Versado Gas Processors LLC, Eunice South Compressor Station, Section 27, Township 22 South, Range 37 East, Lea County, New Mexico

Dear Mr. Toner:

Dynegy Midstream Services, LP (Dynegy), operator of the Eunice South Compressor Station (formerly Eunice #1 South Gasoline Plant) for Versado Gas Processors, LLC (Versado), hereby consents to ChevronTexaco Exploration and Production Inc. (ChevronTexaco), successor company to Texaco Exploration and Production Inc. (Texaco), and former owner/operator of the Eunice South Compressor Station, its use of water rights owned by Versado in Section 27, Township 22 South, Range 37 East, Lea County, New Mexico.

The use of water rights is for the expressed purpose of remediation of groundwater at the Eunice South Compressor Station, located in Section 27, Township 22 South, Range 37 East, Lea County, New Mexico, and is subject to all permitting, monitoring, reporting and other requirements of the Office of the State Engineer for the State of New Mexico. The use of water rights is hereby granted for a period not to exceed five (5) years, unless approval is granted in writing by Versado, its successor or assigns. ChevronTexaco shall also provide Versado with copies of reports that may be required by the Office of the State Engineer for the State of New Mexico. Usage of groundwater granted with this approval is for water rights CP-6, CP-7, CP-9, CP-231, CP-232, CP-233, CP-234, CP-243 and CP-244, and shall not exceed the maximum water allocations, in acre-feet per year, allowed by the Office of the State Engineer for the State of New Mexico. Please call Mr. Cal Wrangham at (432) 688-0542 if you have any questions.

Sincerely,

Clark White, Vice President
Dynegy Midstream Services, LP

cc: Cal Wrangham
James Lingnau
Michael Brumley

IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

APPLICATION FOR PERMIT

Supplemental Well for CP-243
 Conversion of Existing Monitor Well MWD-3 to Recovery Well CRW-1
 To Appropriate the Underground Waters of the State of New Mexico

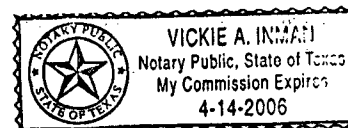
- Date Received _____ File No. _____
1. Name of applicant Versado Gas Processors, LLC
 Mailing address 6 Desta Drive, Suite 3300
 City and State Midland, TX 79705
2. Source of water supply shallow, located in Capitan Underground Water Basin
 (artesian or shallow water aquifer) (name of underground basin)
3. The well is to be located in the NW 1/4 NE 1/4 SW 1/4, Section 27 Township 22S
 Range 37E N.M.P.M., or Tract No. _____ of Map No. _____ of the _____ District,
 on land owned by _____
4. Description of well: name of driller Scarborough Drilling, Inc.
 Outside Diameter of casing 4" inches; Approximate depth to be drilled 90' feet;
5. Quantity of water to be appropriated and beneficially used 32 acre feet,
 (consumptive use, diversion)
 for industrial (remediation) purposes.
6. Acreage to be irrigated or place of use _____ acres.

Subdivision	Section	Township	Range	Acres	Owner

7. Additional statements or explanations This is an existing Monitor Well that is to be converted to a Recovery Well as per the attached request for emergency use. This will be a supplemental well for shut-in Well CP-243 and will be called CRW-1. See letter dated 10/1/03 from Highlander Environmental Corp.

I, Gary Miller, Agent, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

By Vickie A. Inman, Permittee.



Subscribed and sworn to before me this 1st day of October, A.D., 19 2003
 My commission expires 4-14-2006 Vickie A. Inman
 Notary Public

Number of this permit _____

ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of _____ wells be complied with; and further subject to the following conditions: _____

Proof of completion of well shall be filed on or before _____,

Proof of application of water to beneficial use shall be filed on or before _____,

Witness my hand and seal this _____ day of _____, A.D., _____

By: _____

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$25.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6—Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

APPLICATION FOR PERMIT

Supplemental Well for CP-9
 Conversion of Existing Monitor Well MWD-9 to Recovery Well CRW-2
 To Appropriate the Underground Waters of the State of New Mexico

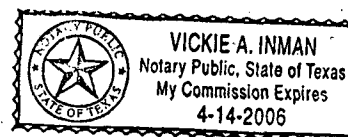
- Date Received _____ File No. _____
1. Name of applicant Versado Gas Processors, LLC
 Mailing address 6 Desta Drive, Suite 3300
 City and State Midland, TX 79705
2. Source of water supply shallow, located in Capitan Underground Water Basin
 (artesian or shallow water aquifer) (name of underground basin)
3. The well is to be located in the SE 1/4 SE 1/4 NW 1/4 Section 27 Township 22S
 Range 37E N.M.P.M., or Tract No. _____ of Map No. _____ of the _____ District,
 on land owned by _____
4. Description of well: name of driller Scarborough Drilling, Inc.;
 Outside Diameter of casing 4" inches; Approximate depth to be drilled 90' feet;
5. Quantity of water to be appropriated and beneficially used 32 acre feet,
 (consumptive use, diversion)
 for industrial (remediation) purposes.
6. Acreage to be irrigated or place of use _____ acres.

Subdivision	Section	Township	Range	Acres	Owner

7. Additional statements or explanations This is an existing Monitor Well that is to be converted to a recovery well as per the attached request for emergency use. This will be a supplemental well for shut-in Well CP-9 and will be called CRW-2. See letter dated 10/1/03 from Highlander Environmental Corp.

I, Gary Miller, Agent, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

By: [Signature], Permittee,
Vickie A. Inman



Subscribed and sworn to before me this 15th day of October, A.D., 2003.

My commission expires 4-14-2006 [Signature]
 Notary Public

Number of this permit _____

ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of _____ wells be complied with; and further subject to the following conditions: _____

Proof of completion of well shall be filed on or before _____,

Proof of application of water to beneficial use shall be filed on or before _____,

Witness my hand and seal this _____ day of _____, A.D., _____

By: _____

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$25.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6—Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

APPLICATION FOR PERMIT

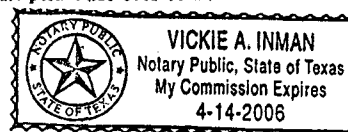
Supplemental Well for CP-231, will be known as CRW-3
To Appropriate the Underground Waters of the State of New Mexico

- Date Received _____ File No. _____
1. Name of applicant Varsado Gas Processors, Inc.
Mailing address 6 Desta Drive, Suite 3300
City and State Midland, TX 79705
2. Source of water supply shallow, located in Capitan Underground Water Basin
(artesian or shallow water aquifer) (name of underground basin)
3. The well is to be located in the SE 1/4 SE 1/4 NW 1/4 Section 27 Township 22S
Range 37E N.M.P.M., or Tract No. _____ of Map No. _____ of the _____ District,
on land owned by _____
4. Description of well: name of driller Scarborough Drilling, Inc.
Outside Diameter of casing 6" inches; Approximate depth to be drilled 90' feet;
5. Quantity of water to be appropriated and beneficially used 48 acre feet,
(consumptive use, diversion)
for industrial (remediation) purposes.
6. Acreage to be irrigated or place of use N/A acres.

Subdivision	Section	Township	Range	Acres	Owner

7. Additional statements or explanations This well is to be drilled under the conditions of emergency use request which is attached. This will be a supplemental well for CP-231, and will be known as CRW-3. For further information see letter dated 10/1/03 from Highlander Environmental Corp.

I, Gary Miller, Agent, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.



By: [Signature] Permittee,
Vickie A. Inman

Subscribed and sworn to before me this 1st day of October, A.D., 2003

My commission expires 4-14-2006 [Signature]
Notary Public

Number of this permit _____

ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of _____ wells be complied with; and further subject to the following conditions: _____

Proof of completion of well shall be filed on or before _____, _____

Proof of application of water to beneficial use shall be filed on or before _____, _____

Witness my hand and seal this _____ day of _____, A.D., _____

By: _____

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$25.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6—Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

APPLICATION FOR PERMIT

Supplemental Well for CP-233, will be known as CRW-4

To Appropriate the Underground Waters of the State of New Mexico

- Date Received _____ File No. _____
1. Name of applicant Versado Gas Processors, LLC
 Mailing address 6 Desta Drive, Suite 3300
 City and State Midland, TX 79705
2. Source of water supply shallow, located in Capitan Underground Water Basin
 (artesian or shallow water aquifer) (name of underground basin)
3. The well is to be located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 27 Township 22S
 Range 37E N.M.P.M., or Tract No. _____ of Map No. _____ of the _____ District,
 on land owned by _____
4. Description of well: name of driller Scarborough Drilling, Inc.;
 Outside Diameter of casing 6" inches; Approximate depth to be drilled 90' feet;
5. Quantity of water to be appropriated and beneficially used 48' acre feet,
 (consumptive use, diversion)
 for industrial (remediation) purposes.
6. Acreage to be irrigated or place of use N/A acres.

Subdivision	Section	Township	Range	Acres	Owner
N/A					

7. Additional statements or explanations This well is to be drilled under the conditions of emergency use request which is attached. This will be a supplemental well for CP-233, and will be known as CRW-4. For further information see letter dated 10/1/03 from Highlander Environmental Corp.

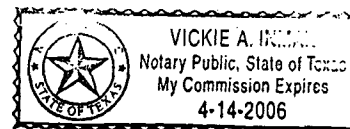
I, Gary Miller, Agent, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

By: [Signature], Permittee,

By: [Signature]

Subscribed and sworn to before me this 1st day of October, A.D., 2003

My commission expires 4-14-2006 [Signature]
 Notary Public



Number of this permit _____

ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of _____ wells be complied with; and further subject to the following conditions: _____

Proof of completion of well shall be filed on or before _____

Proof of application of water to beneficial use shall be filed on or before _____

Witness my hand and seal this _____ day of _____, A.D., _____

By: _____

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$25.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6—Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

APPLICATION FOR PERMIT

Supplemental Well for CP-234, will be known as CRW-5

To Appropriate the Underground Waters of the State of New Mexico

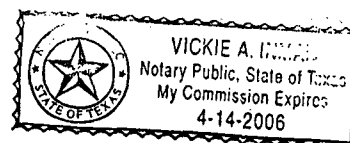
- Date Received _____ File No. _____
1. Name of applicant Versado Gas Processors, LLC
 Mailing address 6 Desta Drive, Suite 3300
 City and State Midland, TX 79705
2. Source of water supply shallow, located in Canitan Underground Water Basin
 (artesian or shallow water aquifer) (name of underground basin)
3. The well is to be located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 27 Township 22S
 Range 37E N.M.P.M., or Tract No. _____ of Map No. _____ of the _____ District,
 on land owned by _____
4. Description of well: name of driller Scarborough Drilling, Inc.
 Outside Diameter of casing 6" inches; Approximate depth to be drilled 90' feet;
5. Quantity of water to be appropriated and beneficially used 48 acre feet,
 (consumptive use, diversion)
 for industrial (remediation) purposes.
6. Acreage to be irrigated or place of use N/A acres.

Subdivision	Section	Township	Range	Acres	Owner
N/A					

7. Additional statements or explanations This well is to be drilled under the conditions of emergency use request which is attached. This will be a supplemental well for CP-234 and will be known as CRW-5. For further information see letter dated 10/1/03 from Highlander Environmental Corp.

I, Gary Miller, Agent, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

By: Vickie A. Luman, Permittee.



Subscribed and sworn to before me this 1st day of October, A.D., 2003

My commission expires 4-14-2006

Vickie A. Luman
Notary Public

Number of this permit _____

ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of _____ wells be complied with; and further subject to the following conditions: _____

Proof of completion of well shall be filed on or before _____

Proof of application of water to beneficial use shall be filed on or before _____

Witness my hand and seal this _____ day of _____, A.D., _____

By: _____

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$25.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6—Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

IMPORTANT-READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

APPLICATION FOR PERMIT

Supplemental Well for CP-244, will be known as CRW-6
To Appropriate the Underground Waters of the State of New Mexico

- Date Received _____ File No. _____
1. Name of applicant Versado Gas Processors, LLC
Mailing address 6 Desta Drive, Suite 3300
City and State Midland, TX 79705
2. Source of water supply shallow, located in Capitan Underground Water Basin
(artesian or shallow water aquifer) (name of underground basin)
3. The well is to be located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 27 Township 22S
Range 37E N.M.P.M., or Tract No. _____ of Map No. _____ of the _____ District,
on land owned by _____
4. Description of well: name of driller Scarborough Drilling, Inc.;
Outside Diameter of casing 6" inches; Approximate depth to be drilled 90' feet;
5. Quantity of water to be appropriated and beneficially used 48 acre feet,
(consumptive use, diversion)
for industrial (remediation) purposes.
6. Acreage to be irrigated or place of use N/A acres.

Subdivision	Section	Township	Range	Acres	Owner

7. Additional statements or explanations This well is to be drilled under the conditions of emergency use request which is attached. This will be a supplemental well for CP-244, and will be known as CRW-6. For further information see letter dated 10/1/03 from Highlander Environmental Corp.

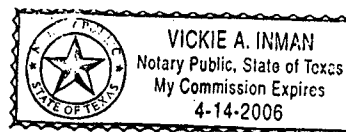
I, Gary Miller, Agent, affirm that the foregoing statements are true to the best of my knowledge and belief and that development shall not commence until approval of the permit has been obtained.

By: [Signature], Permittee.

Subscribed and sworn to before me this 15th day of October, A.D., 2003.

My commission expires 4-14-2006 [Signature]

Notary Public



Number of this permit _____

ACTION OF STATE ENGINEER

After notice pursuant to statute and by authority vested in me, this application is approved provided it is not exercised to the detriment of any others having existing rights; further provided that all rules and regulations of the State Engineer pertaining to the drilling of _____ wells be complied with; and further subject to the following conditions: _____

Proof of completion of well shall be filed on or before _____,

Proof of application of water to beneficial use shall be filed on or before _____,

Witness my hand and seal this _____ day of _____, A.D., _____

By: _____

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$25.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6—Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.