GW-020

Maljamar Gas Plant

REPORT

YEAR(S):
08/2006 – 12/2007

Thomas (Tom) Wynn
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Risk Management & Remediation

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ConocoPhillips

March 21, 2008

Mr. Wayne Price
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Dr.
Santa Fe, NM 87504

RE GW-020
4 05.06.08

RE: ANNUAL GROUNDWATER MONITORING AND REMEDIATION REPORT
AUGUST 2006 THROUGH DECEMBER 2007
ConocoPhillips Maljamar Gas Plant
Lea County, New Mexico

Dear Mr. Price:

Please find one copy of the above referenced report for your review and concurrence. This report presents a summary of all site activities performed at the Maljamar Gas Plant from August 2006 through December 2007 relating to the remediation and monitoring of groundwater at the site, and presents a proposed path forward for enhancing the remediation of groundwater at the site.

If you have any questions or comments, please contact either myself at the above listed number or Greg Pope with Tetra Tech, Inc. at (432) 686-8081.

Sincerely,

Tom Wynn
Site Manager
Risk Management and Remediation
ConocoPhillips

cc: w/ attachment

Chris Williams, NMOCD, Hobbs, NM
Greg Pope, Tetra Tech, Inc., Midland, TX

ANNUAL GROUNDWATER MONITORING AND REMEDIATION REPORT
AUGUST 2006 THROUGH DECEMBER 2007

CONOCOPHILLIPS
MALJAMAR GAS PLANT

LEA COUNTY, NEW MEXICO

Prepared for:

ConocoPhillips

Prepared By:

TETRA TECH, INC.

1703 W. Industrial Avenue
Midland, Texas 79701

March 21, 2008

1703 W. Industrial Ave.
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(432) 686-8081

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Mr. Wayne Price
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Dr.
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AUGUST 2006 THROUGH DECEMBER 2007
ConocoPhillips Maljamar Gas Plant
Lea County, New Mexico

INTRODUCTION

On behalf of ConocoPhillips, Tetra Tech, Inc. (Tetra Tech) is submitting the following annual status report for the Maljamar Gas Plant (Site; previously owned by Conoco and later, Frontier Energy, but now owned by Aka Energy as of June 2004). The gas plant is located in Lea County, New Mexico (Sec 21, T17S, R32E; Figure 1). This report includes a brief review of previous site activities and hydrogeologic conditions, groundwater sampling data collected in May 2007, groundwater extraction and aquifer data collected from August 2006 through December 2007 during operation of the existing groundwater extraction well, and results of the installation of a new groundwater extraction well at the Site. As part of this report, Tetra Tech also proposes a path forward plan for enhanced recovery of groundwater and petroleum hydrocarbons. The time period covered in this report was extended from August to December 2007 to include data from the new extraction well.

BACKGROUND

During previous investigative and remedial activities at the Maljamar Gas Plant, 12 soil borings were drilled and sampled, 19 groundwater monitoring wells, one (1) groundwater extraction well and two (2) hydrocarbon recovery wells were installed, groundwater samples and water level data were collected, surface and borehole geophysical surveys were performed, an aquifer pump test was conducted, and the groundwater extraction well was operated. The following is a summary of those activities:

- A subsurface investigation was performed in June 2000 to assess the potential for impacts to the subsurface underlying two bermed areas where condensate was historically stored and a 15 barrel condensate release occurred February 13, 2000. The assessment consisted of drilling, collecting and analyzing soil samples from twelve (12)

soil borings. One monitoring well (MW-1) was installed to a depth of 92 feet below ground surface (fbgs). Data collected from this investigation was submitted to the New Mexico Oil Conservation Commission (NMOCD) in the August 8, 2000 Subsurface Investigation Report.

- Two (2) groundwater monitoring wells (MW-2 and 3) were installed at the site in September 2000.
- A groundwater investigation was initiated in May 2001 to define groundwater impacts at the Maljamar Gas Plant. Five (5) monitoring wells were installed (MW-4, 5, 7, 8 and 9). All wells installed during this investigation exhibited the presence of petroleum hydrocarbons. The results of this investigation were submitted to the NMOCD in the July 20, 2001 Interim Investigation Groundwater Report.
- Four (4) groundwater monitoring wells (MW-10, 11, 12 and 13) were installed in December 2001 and one (1) groundwater monitoring well (MW-14) was installed in March 2002 at the site.
- A groundwater investigation was performed in September 2002 to further delineate the groundwater flow system to the north, northeast, east, southeast, south, and southwest of the Maljamar Gas Plant and refine the conceptual hydrogeologic model of the area around the gas plant. Six groundwater monitoring wells (MW-15, 16, 17, 18, 19, and 20) were installed during this investigation. The water level elevations collected during this investigation indicated that a well-defined groundwater mound with a relatively uniform gradient field emanates radially away from a point source toward the north, east, and south. To the west, groundwater was not encountered during the March 2002 drilling program. The results of this investigation were submitted to the NMOCD in the November 11, 2002 Interim Groundwater Investigation Report.
- Condensate recovery wells SK-1 and SK-2 were installed at the site in March and December 2002, respectively.
- A magnetometer survey was performed in January 2003 to locate suspected abandoned exploration wells in the area over the groundwater mound that underlies the Maljamar Gas Plant. An early proposed hypothesis for the groundwater mounding conditions observed at the site was that the water flood of the MCA production unit underlying the area of concern had found a short-circuit upward through an abandoned well or annulus of an existing production well. However, no short-circuit pathways due to an abandoned well were discovered during this survey.
- A borehole geophysical investigation was initiated in March 2003 to ascertain the subsurface stratigraphy to facilitate free condensate removal and any subsequent groundwater remediation efforts. The study indicated mappable units, exhibiting lateral and vertical correlation properties, were underlying the gas plant.
- An aquifer pump test was performed at the site in September 2003 to gather hydrogeologic data from the uppermost saturated zone, exhibiting both condensate and chloride impacts, in order to develop a remediation plan. The data were also used to

develop a water balance for the uppermost aquifer and an interpretive groundwater flow model to aid in estimating the effects of pumping a proposed well to be sited near wells SK-1 and MW-7.

- A groundwater extraction well (MW-6) was installed in the vicinity of wells SK-1, SK-2 and MW-7 on March 31, 2004. Well operation and control equipment was installed during April and May 2004 and groundwater extraction began on May 10, 2004. Water level measurements were collected weekly from May 17, 2004 until September 8, 2004, and continued monthly thereafter.

- The results of the aquifer pump test and the magnetometer and borehole geophysical surveys were submitted to the NMOCD in the Comprehensive Groundwater Report, dated March 1, 2004 (Maxim, 2004a).

- Results of the installation and initial operation of groundwater extraction well MW-6 were submitted to the NMOCD in the Groundwater Extraction Well Report, dated December 9, 2004 (Maxim, 2004b).

- A Durham Geo F.A.P. Plus pneumatic skimmer pump was installed on December 15, 2005, based on the results of a hydrocarbon recovery pilot test performed at the Site in May 2005 (Maxim, 2005). The skimmer pump is alternated between wells SK-1, SK-2 and MW-7 to remove liquid phase hydrocarbons (LPH) present in these wells.

- A hydrocarbon recovery pilot test was performed at the Site on April 5, 2006. This data was used to evaluate the feasibility of installing a skimmer pump in MW-9 to remove the LPH layer present in this well. Results of the pilot test at MW-9 were reported in the Annual Report dated September 22, 2006 (Tetra Tech, 2006).

Table 1 presents the well construction details for all the monitoring and remediation wells installed at the Site.

SITE HYDROGEOLOGY SUMMARY

A detailed conceptual model of the hydrogeologic conditions existing at the Site is presented in the Comprehensive Groundwater Report (Maxim, 2004a). Previous groundwater investigations and sampling performed at the Site have revealed that groundwater occurs under confining conditions in the vicinity of the Site at approximately 70 to 95 fbgs within two sand units ranging in thickness from several feet to no more than 10 to 12 feet thick. At a depth of approximately 72 fbgs in the vicinity of wells SK-1 and MW-7, an 11-foot-thick upper water-bearing sandstone layer overlies a 4-foot-thick shale layer, which in turn overlies a lower 13-foot-thick water-bearing sandstone layer. Generally, the overlying deposits consist of

approximately 60 feet of light colored sands and sandy silts with occasional caliche interbeds, shale stringers and intermittent gravels representative of the Quaternary age alluvium/bolson fill which are underlain by approximately 30 to 50 feet of green to grayish green to dark green silty shales of the Triassic age Chinle Shale. The Tertiary age Ogallala Formation outcrops in a prominent escarpment (Mescalero Ridge) approximately four miles to the northeast of the Site, where the Ogallala unconformably overlies the Chinle shales. The overlying interbedded shale units presumably confine the groundwater contained in the underlying water-bearing sandstone units. A borehole geophysics investigation conducted at the Site in March 2003 (Maxim, 2004a) indicated that the subsurface stratigraphy is complex, consisting of irregular, interbedded sands, shales and silts deposited on an erosional surface.

Previous groundwater investigations and monitoring events have revealed that the groundwater potentiometric surface in the immediate vicinity of the Site is mounded, with the center of the mound occurring northwest of the Site. In exploration borings completed approximately 1000 feet west, northwest, and southwest of the mound centroid, no sand interval was encountered indicating the mound is truncated toward the west, which is most likely due to a subsurface stratigraphic pinch-out or fault. To the north, south and east of the mound centroid, groundwater occurs under unconfined conditions, demonstrating that further away from the mound recharge zone, confining pressures diminish (Maxim, 2004a).

FIELD METHODOLOGY

Field activities conducted at the Maljamar Gas Plant from August 2006 through December 2007 included performing a round of groundwater sampling and analyses in May 2007; collecting monthly groundwater level measurements at the Site monitoring wells and periodic water quality data during the operation of extraction well MW-6; and extraction well EW-1 was installed adjacent MW-12 to extract chloride affected groundwater in the potentiometric surface mounded area northwest of the Site.

On May 15, 2007 a new six-inch diameter groundwater extraction well (EW-1) was installed in a 8.75-inch boring (boring log and well construction details presented in Appendix A). EW-1 was set using 6-inch diameter PVC to 125-feet with 0.020-inch screen from 95-125 feet below ground surface (fbgs), sand packed from 93 to 125 fbgs with 8/16 silica sand, bentonite from 80 to 93 fbgs, and cemented from bentonite seal at 80 fbgs to surface. The extraction well was completed at the surface with upright steel security casing and a cement pad. An electric submersible groundwater extraction pump was installed in EW-1 on August 19, 2007. Extraction well EW-1 was started up for continuous operation on September 17, 2007. Extracted groundwater from EW-1 is pumped into a flowline connected to MW-6.

Monitoring well MW-20 surface casing was damaged during the placement of an oil well drilling rig and was not available for sampling during the May 2007 sampling event. Subsequently, data is not available for this well for 2007. The well was rehabilitated on May 15, 2007 and completed at the surface with upright steel security casing and a cement pad.

On December 21, 2007, wells MW-6, MW-7, MW-12, MW-20, SK-1, SK-2, and EW-1 were surveyed for location coordinates and elevation of top of casing. Results of this survey are included in Appendix A.

Groundwater Monitoring and Sampling

Groundwater samples were collected from the Maljamar Gas Plant monitoring wells on May 8-10, 2007. Prior to sampling, 22 wells were sounded for groundwater levels and affected wells were also measured for LPH thickness. Table 2 presents the groundwater level and LPH thickness measurement data for the Site. Fourteen (14) groundwater monitoring wells, and one onsite water well were sampled during this event. Wells exhibiting measurable levels of LPH were not sampled. The groundwater samples were collected into appropriate sample containers, placed in a cooler packed with ice, and shipped under chain-of-custody to an approved laboratory for analysis of benzene, toluene, ethylbenzene, and total xylenes (BTEX) by Method 8260; semi-volatile compounds-polynuclear aromatic hydrocarbons (PAHs) by Method 8270; calcium, magnesium, sodium and potassium by Method 6010B; chloride and sulfate by Method 300.0A; total dissolved solids (TDS) by Method 160.1; and alkalinity (carbonate, bicarbonate and total) by Method 310.1. Duplicate samples, collected from monitoring well MW-8 and extraction well MW-6, were also submitted to the laboratory for analysis.

Prior to sampling, the new extraction well EW-1 was sounded for groundwater levels and these data are presented in Table 2. On July 19, 2007, groundwater samples from EW-1 were collected into appropriate sample containers, placed in a cooler packed with ice, and shipped under chain-of-custody to an approved laboratory for analysis chloride by Method 300.0A and TDS by Method 160.1.

Summaries of the laboratory analytical results from the May 2007 groundwater monitoring event and the EW-1 sample are presented in Table 3. The laboratory analytical data is included in Appendix B.

Groundwater Level and Water Quality Data Collection

Monthly groundwater level measurements were recorded from each of the monitoring wells at the Site from August 2006 to December 2007. Groundwater depths were measured using an

electronic interface probe capable of detecting both the top of the hydrocarbons, if present, and the hydrocarbon/water interface. The probe was cleaned before and after each use in each monitoring well. Groundwater measurements proceeded from the cleanest wells to the wells containing hydrocarbons. At each monitoring well, the water level and hydrocarbon depth, if present, were measured from the top of casing. The depth of groundwater below the top of casing was subtracted from the elevation of the top of casing to give the elevation of the groundwater at each well. The elevation of hydrocarbons was also determined in this manner at the affected wells, and the hydrocarbon thickness was calculated by subtracting the hydrocarbon depth from the groundwater depth. Groundwater and hydrocarbon depth measurements and elevations are summarized in Table 2.

Groundwater quality measurements of the MW-6 discharge water were collected periodically from August 2006 to December 2007 using a portable field instrument. Measurement parameters included specific conductivity, salinity, pH and temperature. Table 4 presents the groundwater quality measurement data for MW-6.

Groundwater Extraction and Hydrocarbon Recovery Operations

Groundwater extraction well MW-6 was operated continuously from August 2006 through December 2007. Extracted groundwater was pumped from the well into an onsite 210-barrel (bbl) fluid storage tank. The fluid storage tank is fitted with automated tank gauging and pumping controls and automatically injects the tank contents into MCA Station water flood system. A dedicated flowmeter, installed on the extraction well piping system, gauges the volume of groundwater removed by the extraction well. Since initial startup on May 10, 2004 to December 21, 2007, approximately 836,196 gallons of groundwater have been extracted from MW-6. Table 5a presents a summary of the groundwater extraction well recovery volumes at MW-6.

Extraction well EW-1 was started up for continuous operation on September 17, 2007. A dedicated flowmeter, installed on the extraction well piping system, gauges the volume of groundwater removed by extraction well EW-1. Extracted groundwater is pumped from the well to a flowline connected with MW-6 and then continues to the onsite 210-bbl fluid storage tank. Since initial startup on September 17, 2007 to December 21, 2007, approximately 9,945 gallons of groundwater have been extracted from EW-1. Table 5b presents a summary of the groundwater extraction well recovery volumes at EW-1.

A Durham Geo F.A.P. Plus pneumatic skimmer pump is moved between wells SK-1, SK-2 and MW-7, depending on the thickness of hydrocarbons present in each of the three wells. Extracted hydrocarbons and minor amounts of groundwater are pumped from the wells into the onsite 210-barrel fluid storage tank via a manifold attached to the groundwater extraction

well piping at MW-6. Volumes of fluids removed by the skimmer pump are registered on the extraction well MW-6 flowmeter and are part of the total extraction volume presented in Table 5a.

GROUNDWATER DATA ANALYSIS

The following sections provide a discussion of the groundwater data collected at the Maljamar Gas Plant from August 2006 to December 2007.

Groundwater Data Evaluation

Monthly groundwater and hydrocarbon level measurements were collected at the Site from August 2006 to December 2007, and are summarized in Table 2. Groundwater potentiometric surface maps for August and November 2006, and February and May 2007 are included as Figures 2a, 2b, 2c, and 2d, respectively. These potentiometric data show little variation in the mound geometry during this time period with groundwater elevations ranging from approximately 3,933 feet above mean sea level (famsl) in the mound centroid (MW-14) to approximately 3,893 famsl in MW-18, located south of the Site. Some effect of the groundwater extraction at MW-6 can be shown by the deflection of the 3,930 famsl contour line during August 2006 (Figure 2a). The hydraulic gradient at the Site was calculated from this data set to be between 0.0109 and 0.0118 feet per foot, and the hydraulic gradient is shown to decrease radially from the approximate center of the mound in all directions except to the west.

Hydrocarbon thickness isopleth maps for August and November 2006, and February and May 2007 are included as Figures 3a, 3b, 3c, and 3d, respectively. As shown on the figures, the hydrocarbon thickness in the affected wells has remained fairly constant. However, the effects of groundwater extraction at well MW-6 and LPH skimming at wells MW-7, SK-1 and SK-2 are evident in this area of the Site, where an overall decrease in the hydrocarbon thickness was noted from August 2006 to May 2007.

Groundwater Quality Evaluation

Groundwater analytical results are presented in Table 3, and a figure depicting the groundwater analytical results for the May 2007 sampling event is included as Figure 4. The laboratory analytical data is included in Appendix B.

The May 2007 groundwater samples reported detectable concentrations of organic compounds in four (4) of the wells sampled (Table 3; Figure 4). Wells MW-2, MW-6, and MW-7 reported

the only concentrations of organic constituents above WQCC standards with benzene reported at 54.0, 12.0 and 29.0 mg/L, respectively.

Inorganic constituents were reported above WQCC standards in 12 of the 15 wells sampled (Table 3). Well MW-12 reported the highest concentrations of inorganic constituents with 61,700 mg/L of chloride, 1,690 mg/L of sulfate, and 107,000 mg/L of TDS. This well also reported the highest concentrations of major cations with 4,760 mg/L of calcium, 1,330 mg/L of magnesium, 143 mg/L of potassium, and 15,800 mg/L of sodium. Chloride concentration isopleths for the May 2007 groundwater data are shown on Figure 5. Alkalinity analysis reported that only bicarbonate alkalinity is present in the site groundwater. Considering the general minerals content of wells outside the area of elevated chloride concentrations, the groundwater is generally calcium bicarbonate in nature. In the new extraction well EW-1, chloride and TDS concentrations were reported at 1,820 and 3,370 mg/L, respectively.

Groundwater quality parameters for specific conductivity, pH, salinity and temperature collected of the discharge water from extraction well MW-6 are summarized in Table 4. Recent measurements indicate near neutral saline water with a pH of 6.74 to 7.30 and a specific conductivity of approximately 1.45 to 2.24 milliSiemens per centimeter are present in this well.

PROPOSED PATH FORWARD

Based on the data, results and evaluations presented in this report, Tetra Tech proposes the following path forward tasks:

- Continue operation of groundwater extraction wells MW-6 and EW-1, and periodically collect groundwater quality and extraction volume data from the wells. The maintenance of the pump systems, monitoring of the storage tank levels, and transfer and disposal of fluids will continue to be coordinated through ConocoPhillips' MCA Business Unit.
- Evaluate the effectiveness of EW-1 at reducing the chloride concentrations in the vicinity of MW-12, and determine if additional extraction wells are necessary in this area of the Site to achieve this purpose.
- Continue to collect monthly groundwater level and hydrocarbon thickness data from the Site monitoring wells.
- Continue annual groundwater monitoring and sampling of the Site monitoring wells. Groundwater samples will be collected and submitted to an analytical laboratory for analyses of volatile organic compounds, semi-volatile organic compounds, major ions, total dissolved solids, and chloride. The next annual groundwater monitoring and sampling event is scheduled for May 2008.

- Complete the installation of a skimmer pump in MW-9 to remove LPH present in this well. The discharge line from the skimmer pump will be connected to the existing piping at MW-6. The fluids from MW-9 will be pumped from the well into the onsite 210-barrel fluid storage tank via a manifold attached to the groundwater extraction well piping at MW-6. Volumes of fluids removed by the skimmer pump in MW-9 will be registered on the extraction well MW-6 flowmeter and recorded as part of the total extraction volume. This installation is scheduled to be completed by mid-April 2008.

REFERENCES

Maxim Technologies (2004a) report entitled "Comprehensive Groundwater Report, Maljamar Gas Plant, Maljamar, New Mexico" to Mr. Wayne Price, New Mexico Oil Conservation Division, dated March 1, 2004.

Maxim Technologies (2004b) report entitled "Groundwater Extraction Well Report, Maljamar Gas Plant, Maljamar, New Mexico" to Mr. Neal Goates, ConocoPhillips, dated October 22, 2004.

Maxim Technologies (2005) report entitled "Annual Groundwater Monitoring and Remediation Report, October 2004 Through July 2005, ConocoPhillips Maljamar Gas Plant, Lea County, New Mexico" to Mr. Wayne Price, New Mexico Oil Conservation Division, dated August 23, 2005.

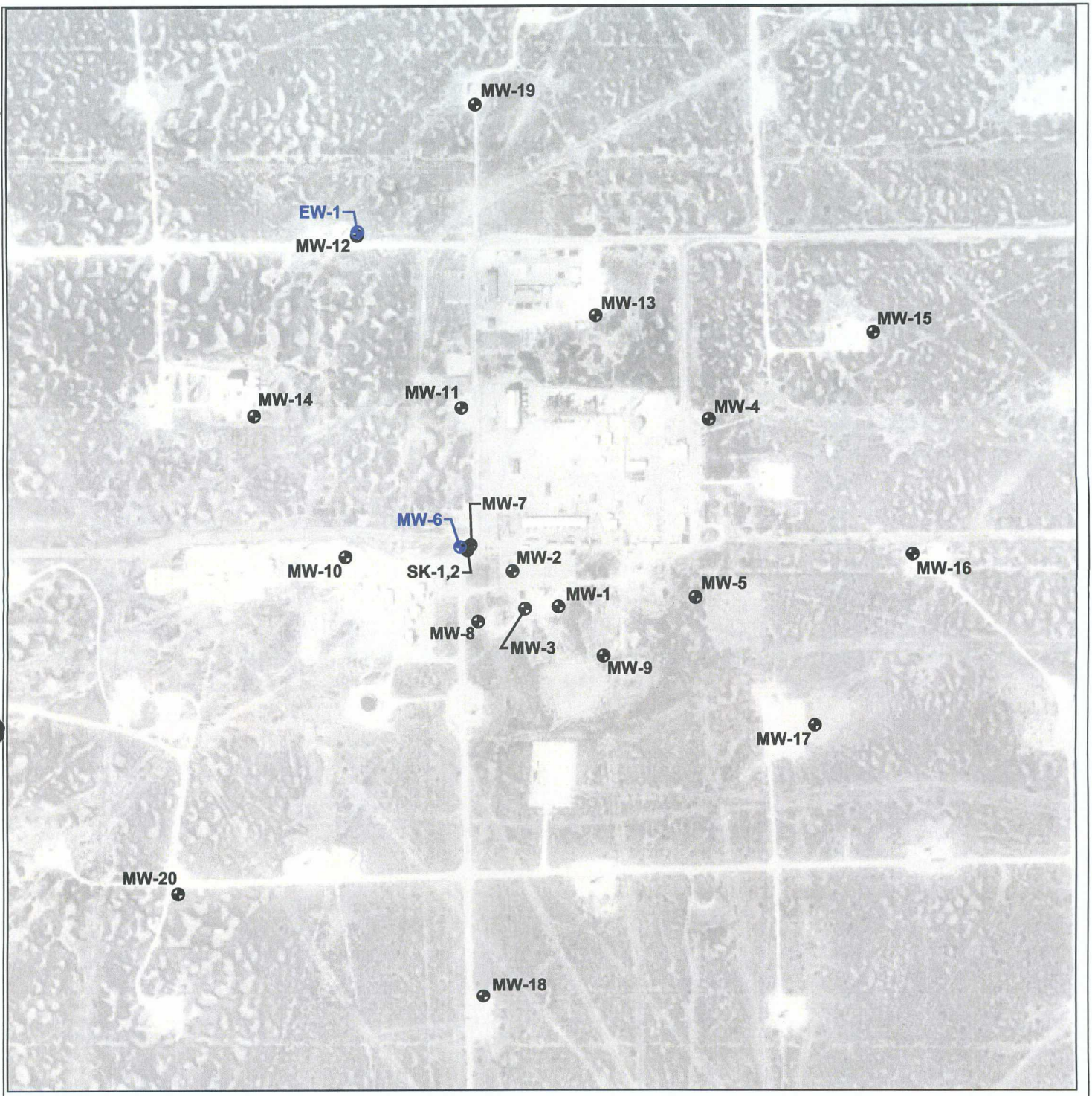
Tetra Tech (2006) report entitled "Annual Groundwater Monitoring and Remediation Report, August 2005 Through August 2006, ConocoPhillips Maljamar Gas Plant, Lea County, New Mexico" to Mr. Wayne Price, New Mexico Oil Conservation Division, dated September 22, 2006.

Should you have any questions or comments upon review of this report, please contact me at (432) 686-8081 or Tom Wynn, ConocoPhillips Site Manager, at (918) 661-0310.

Sincerely,
TETRA TECH, INC.

Greg W. Pope, P.G.
Project Manager

FIGURES



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

MW-18 — Monitoring Well Location

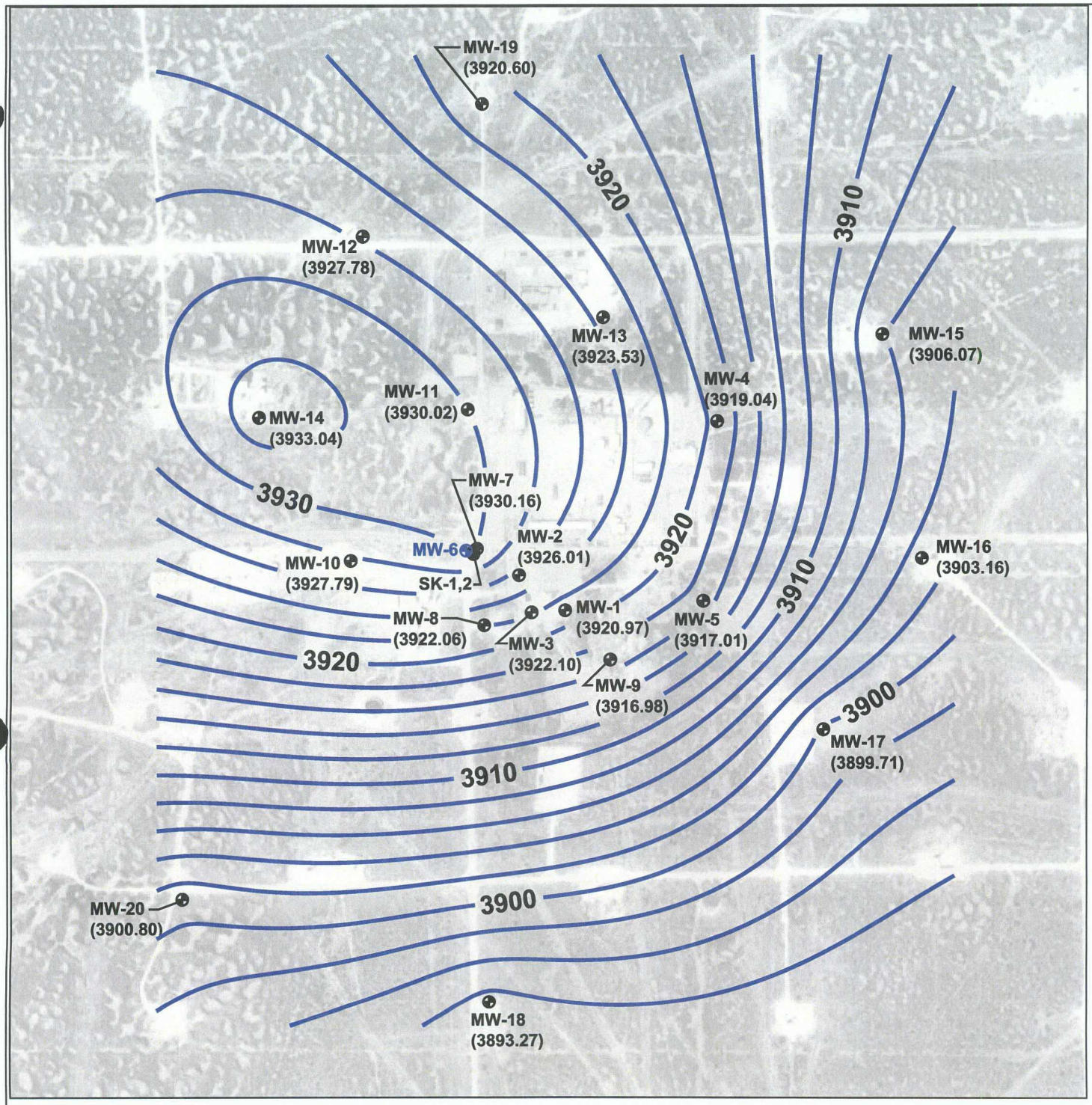
EW-1 — Extraction Well Location

0 600 1200

SCALE (feet)

N

FIGURE 1	MONITORING AND EXTRACTION WELL LOCATIONS
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/12/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

MW-18	Monitoring Well Location
MW-6	Extraction Well Location
(3893.27)	Groundwater Elevation feet above mean sea level
3920	*Groundwater Elevation Contour* contour interval = 2 feet

0 600 1200

SCALE (feet)

N

FIGURE 2a	GROUNDWATER ELEVATION CONTOUR MAP AUGUST 16, 2006

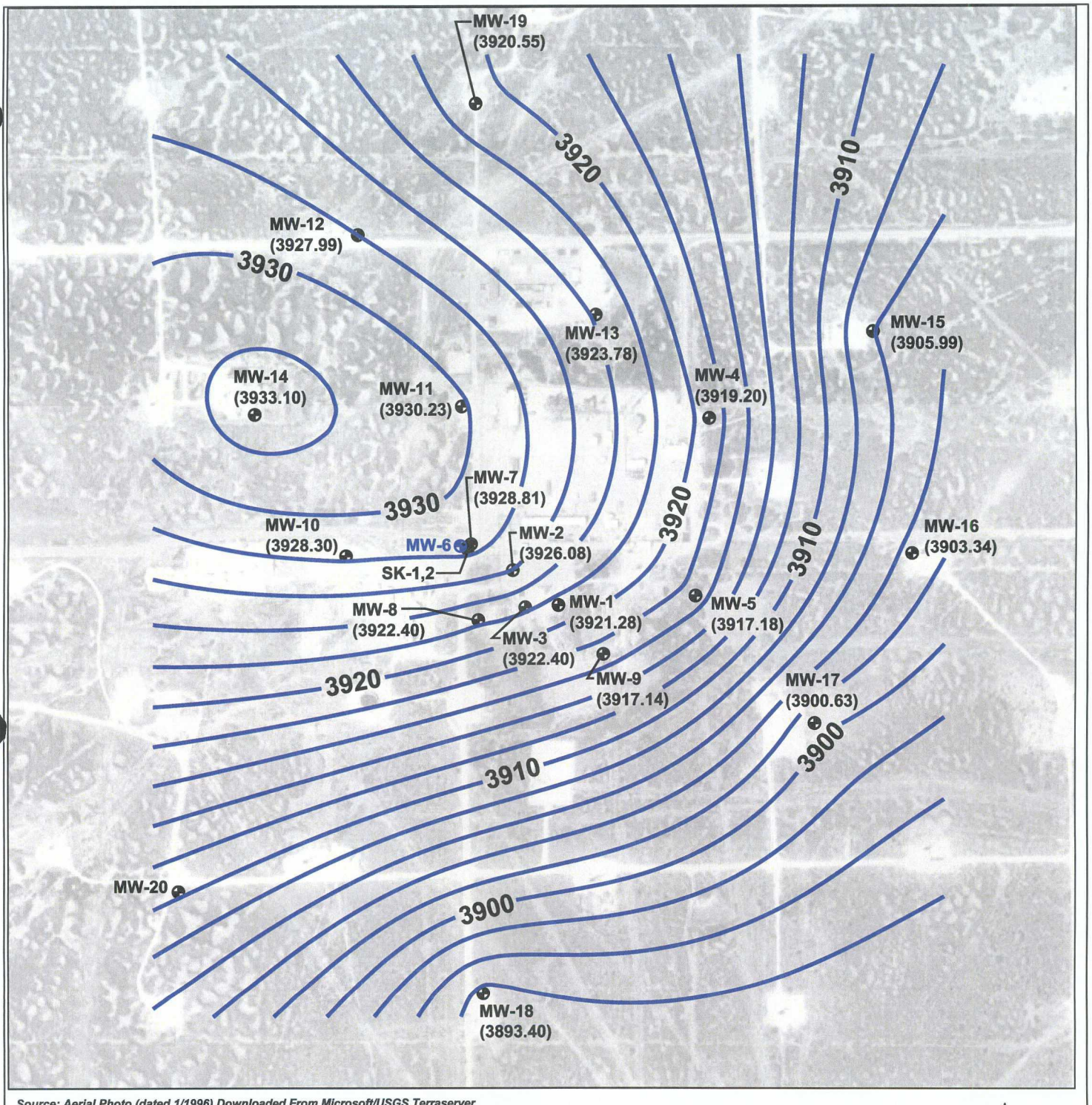
ConocoPhillips

TETRA TECH, INC.

MALJAMAR GAS PLANT
Lea County, New Mexico
Sec 21 T17S R32E

PROJECT NO. 8640007
DRAWING BY: GWP
DRAWING DATE:12/12/07

ACAD File: Maljamar.Site Base Map.100807.dwg



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

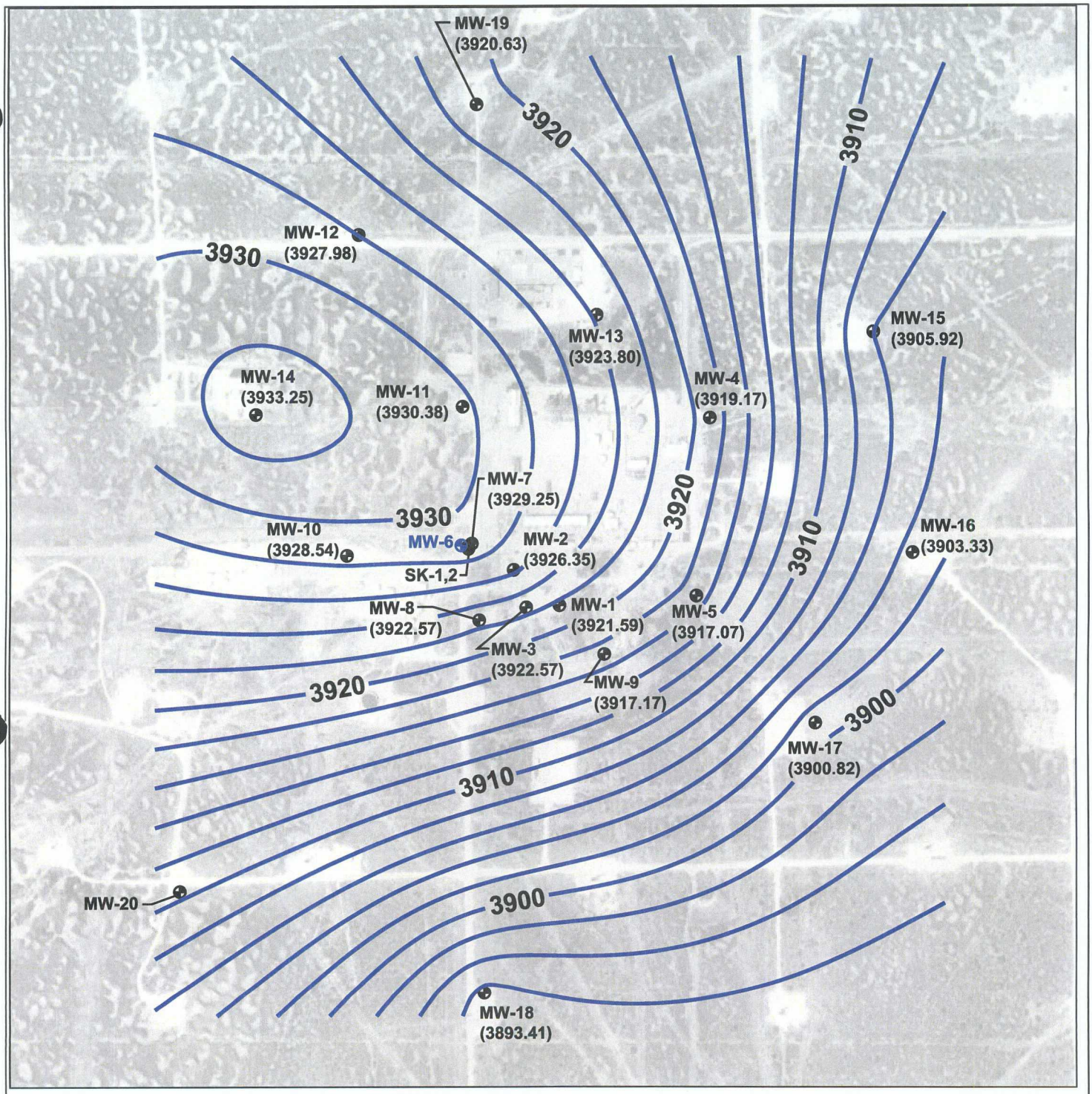
MW-18	Monitoring Well Location
MW-6	Extraction Well Location
(3920.55)	Groundwater Elevation feet above mean sea level
3920	*Groundwater Elevation Contour* contour interval = 2 feet

0 600 1200

SCALE (feet)

N

FIGURE 2b	GROUNDWATER ELEVATION CONTOUR MAP NOVEMBER 8, 2006
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/12/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

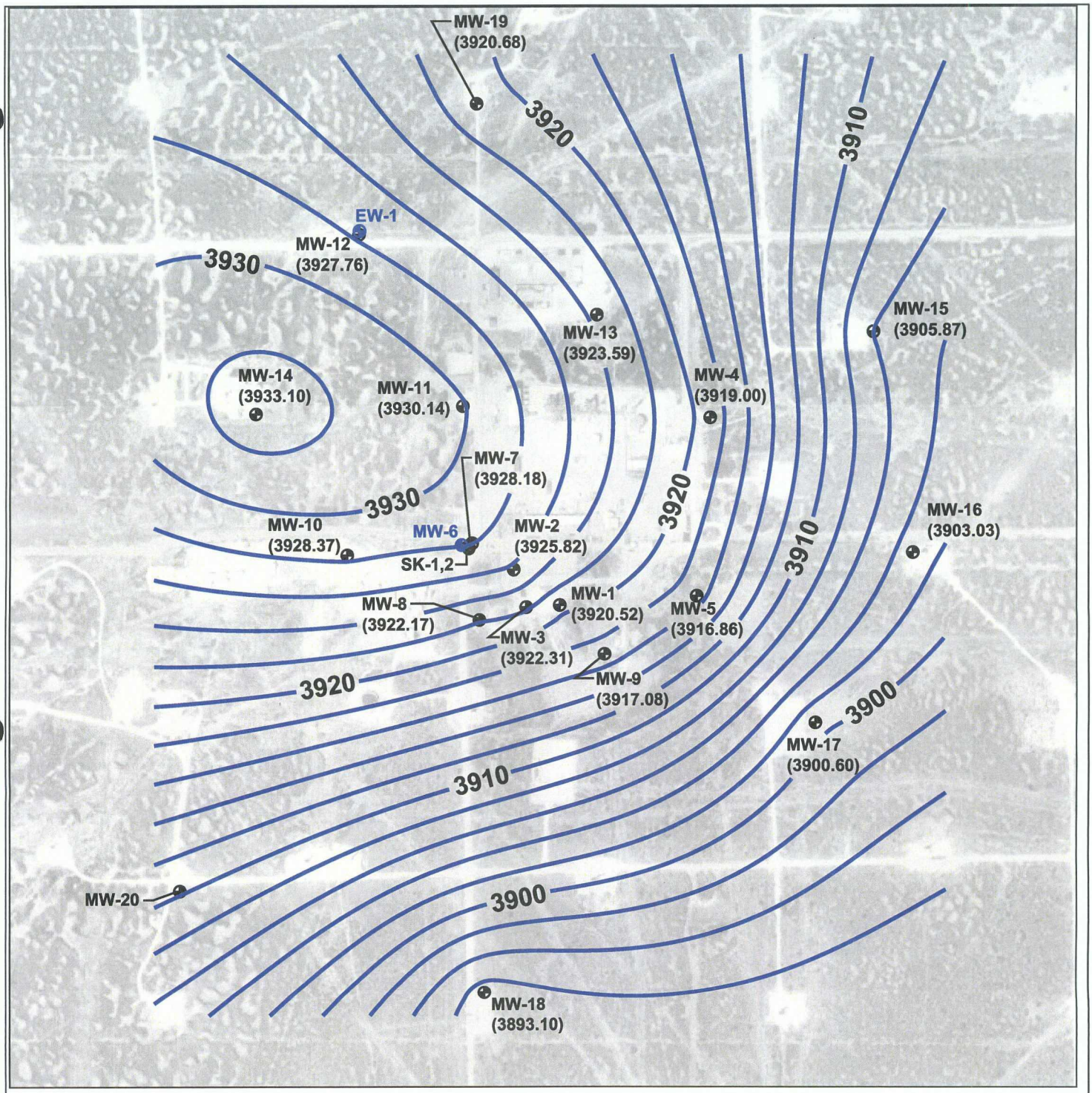
MW-18	Monitoring Well Location
MW-6	Extraction Well Location
(3921.59)	Groundwater Elevation feet above mean sea level
3920	*Groundwater Elevation Contour* contour interval = 2 feet

0 600 1200

SCALE (feet)

N

FIGURE 2c	GROUNDWATER ELEVATION CONTOUR MAP FEBRUARY 27, 2007
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/10/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

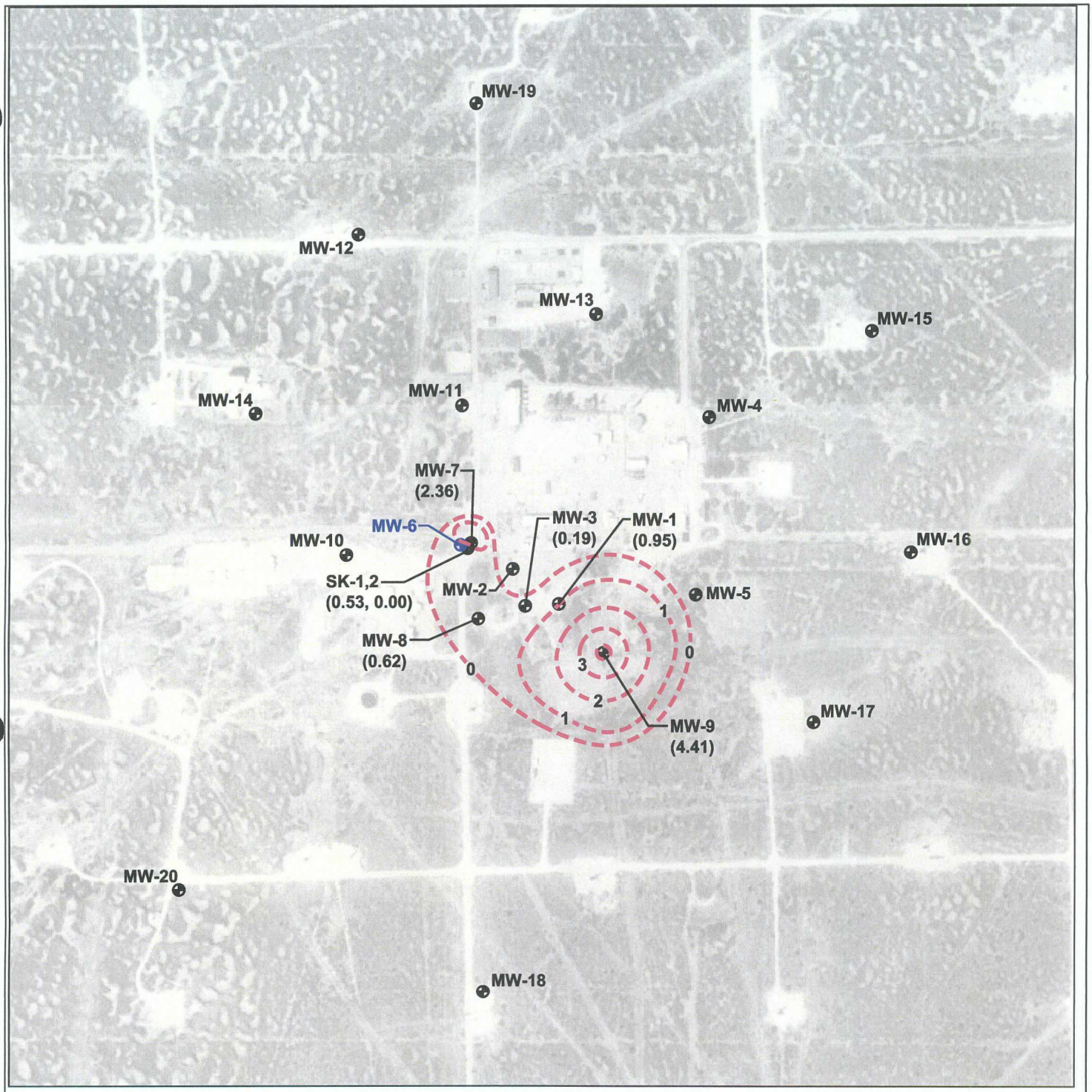
MW-18	Monitoring Well Location
EW-1	Extraction Well Location
(3920.52)	Groundwater Elevation feet above mean sea level
3920	Groundwater Elevation Contour contour interval = 2 feet

0 600 1200

SCALE (feet)

N

FIGURE 2d	GROUNDWATER ELEVATION CONTOUR MAP MAY 7, 2007
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/11/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

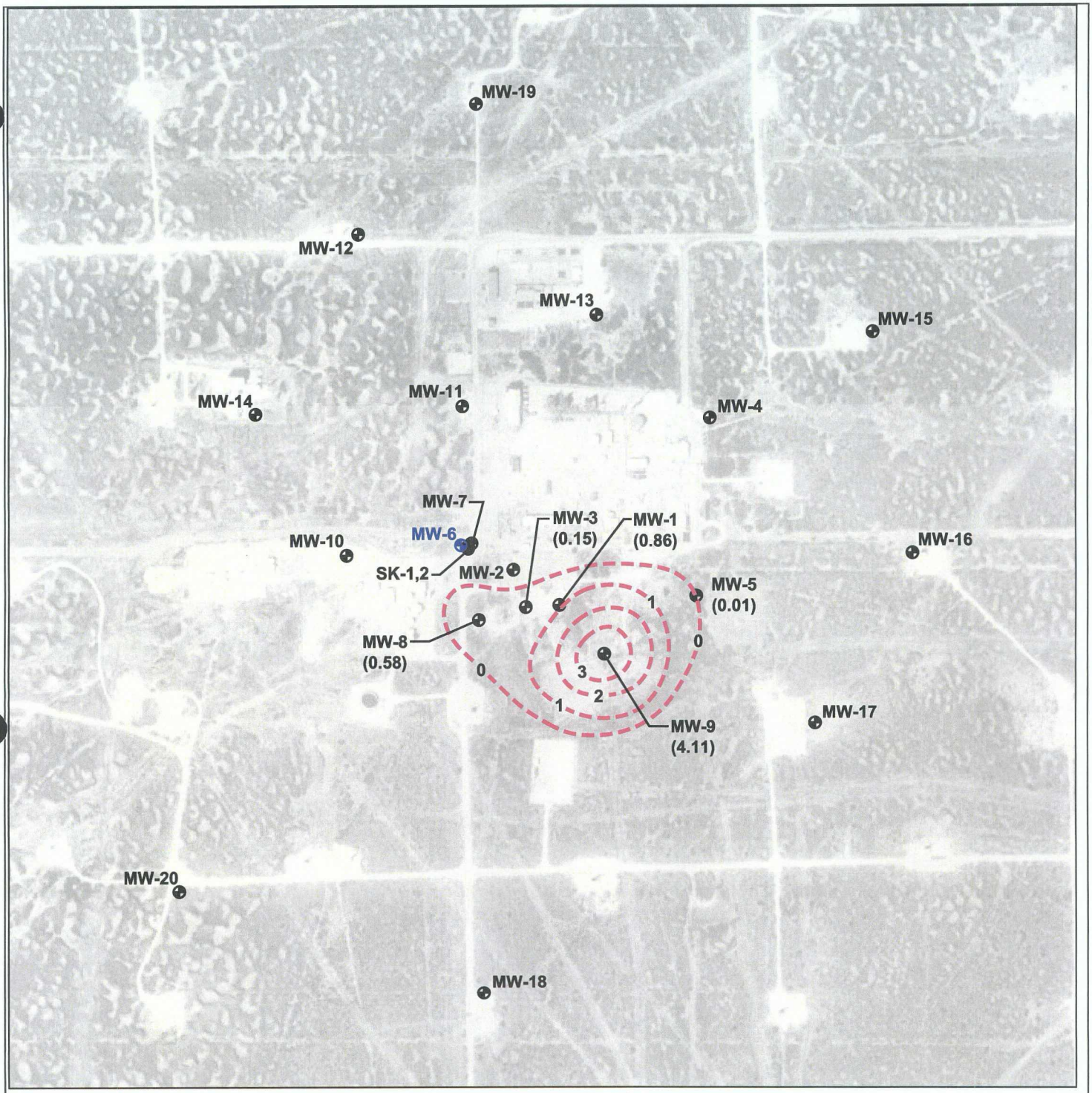
MW-18	Monitoring Well Location
MW-6	Extraction Well Location
(4.41)	LPH Thickness (feet)
3	LPH Thickness Contour

0 600 1200

SCALE (feet)

N

FIGURE 3a	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP August 16, 2006**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/12/07
	ACAD File: Maljamar.Site Base Map.100807.dwg



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

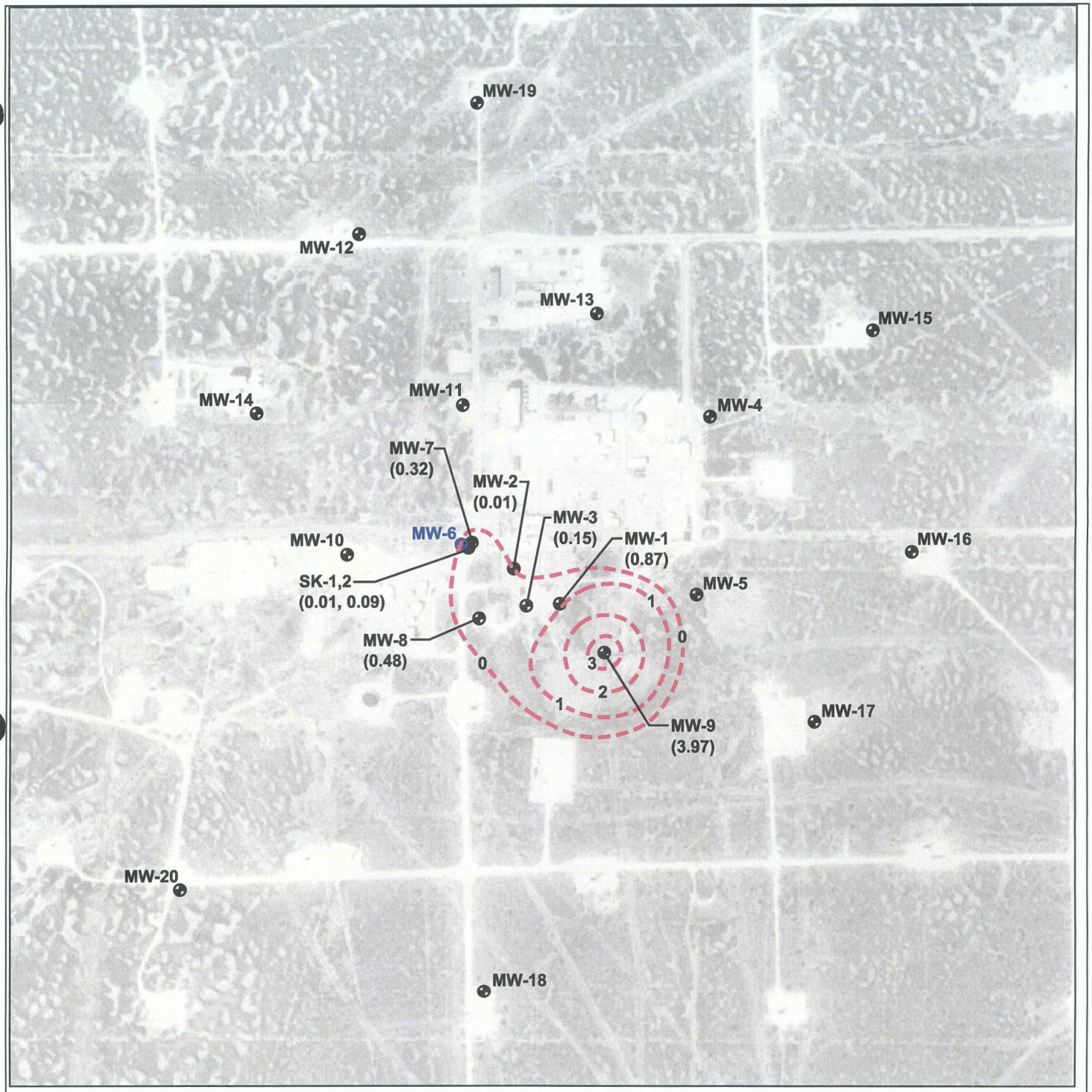
MW-18	Monitoring Well Location
MW-6	Extraction Well Location
(4.11)	LPH Thickness (feet)
3	LPH Thickness Contour

0 600 1200

SCALE (feet)

N

FIGURE 3b	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP November 8, 2006**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/12/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

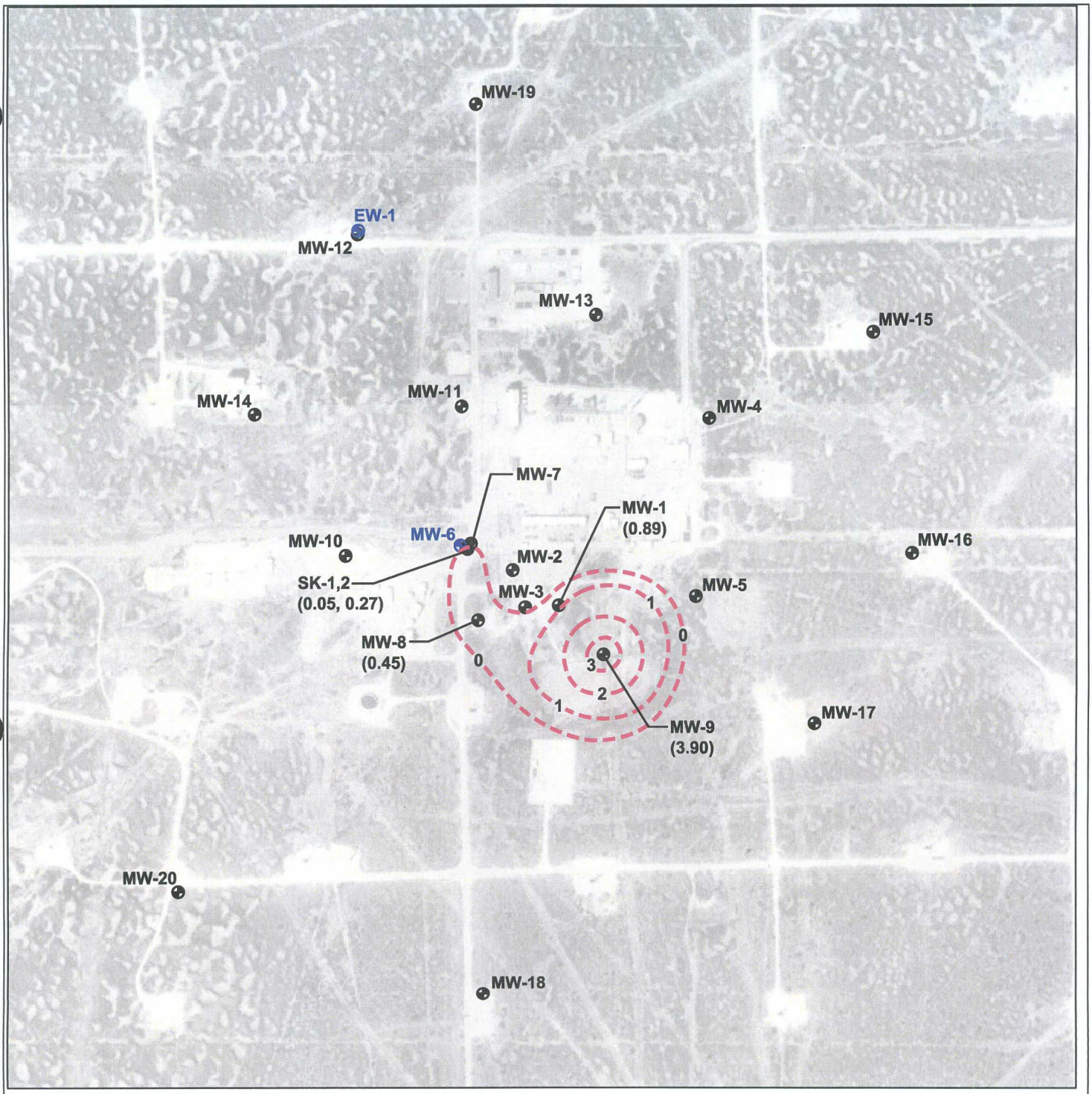
MW-18	Monitoring Well Location
MW-6	Extraction Well Location
(3.97)	LPH Thickness (feet)
3	LPH Thickness Contour

0 600 1200

SCALE (feet)

N

FIGURE 3c	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP February 27, 2007**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/12/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

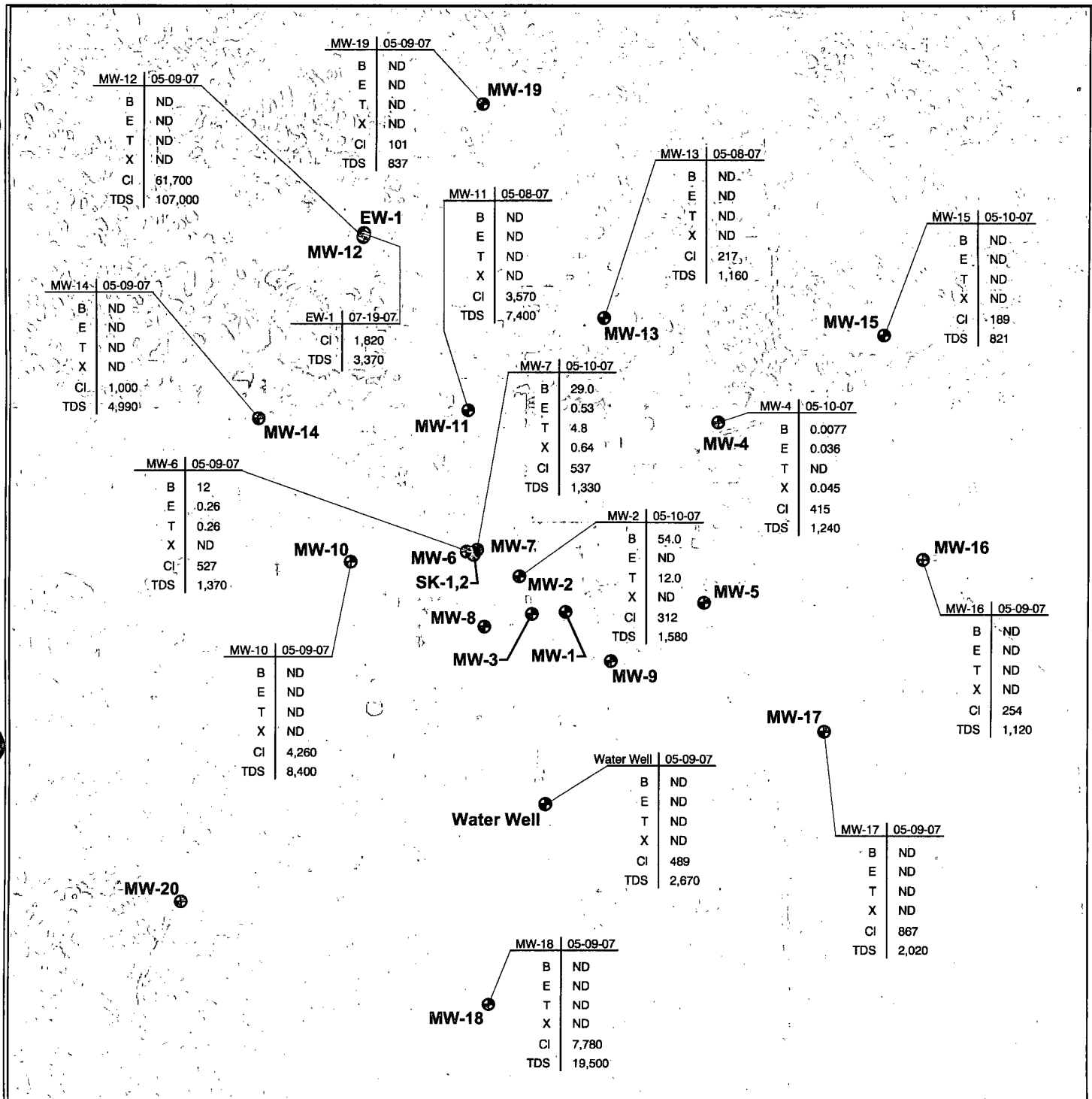
MW-18	Monitoring Well Location
EW-1	Extraction Well Location
(3.90)	LPH Thickness (feet)
3	*LPH Thickness Contour*

0 600 1200

SCALE (feet)

N

FIGURE 3d	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP MAY 7, 2007**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/12/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

MW-18 — Monitoring Well Location

EW-1 — Extraction Well Location

ANALYTICAL DATA

Well Number	Sample Date
B	Benzene
E	Ethylbenzene
T	Toluene
X	Xylenes (Total)
Cl	Chloride
TDS	Total Dissolved Solids

Results in milligrams per liter
ND = Not detected at or above laboratory reporting limits

0 600 1200

SCALE (feet)

N

FIGURE 4

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS MAY 8-10, 2007

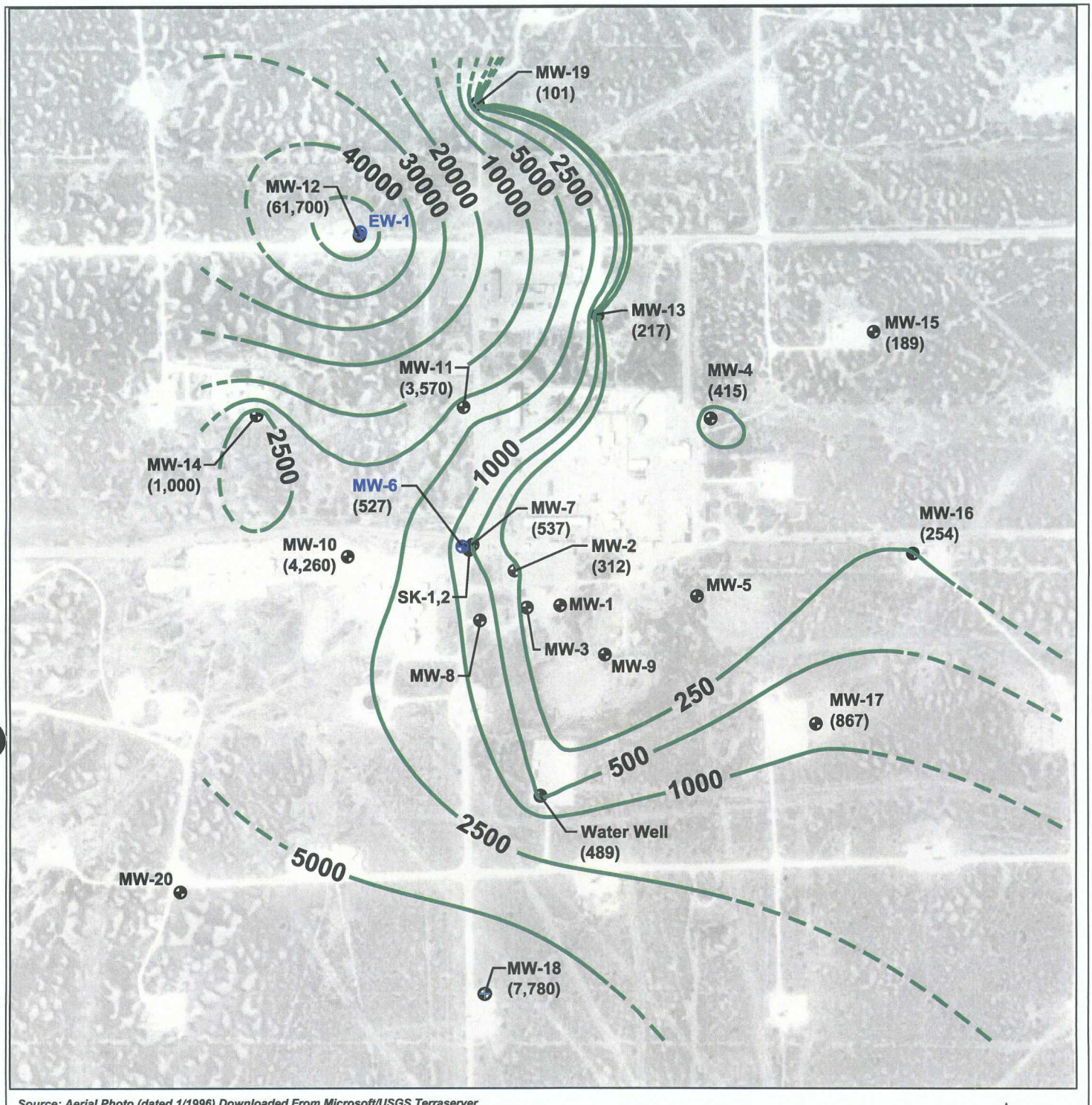
ConocoPhillips

TETRA TECH, INC.

MALJAMAR GAS PLANT
Lea County, New Mexico
Sec 21 T17S R32E

PROJECT NO. 8640007
DRAWING BY: GWP
DRAWING DATE:12/12/07

ACAD File: Maljamar.Site Base Map.100807.dwg



Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

MW-18 ⊕	Monitoring Well Location
EW-1 ⊕	Extraction Well Location
(7,780)	Chloride Concentration (mg/L)
2500	*Chloride Concentration Contour*

Notes: Groundwater Analytical Data Collected May 8-10, 2007.
mg/L = milligrams per liter

0 600 1200
SCALE (feet)

N

FIGURE 5	**CHLORIDE CONCENTRATION ISOPLETH MAP MAY 2007**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 8640007 DRAWING BY: GWP DRAWING DATE:12/12/07 *ACAD File: Maljamar.Site Base Map.100807.dwg*

TABLES

Table 1
Well Construction Details
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico

Monitoring Well Number	Location Coordinates**		Top of Casing Elevation (famsl)	Depth				Screen Interval (fbgs)	Screen Slot Size*** (inches)	Casing Diameter (inches)	Well Installation Date
	Northing	Easting		Total (fbgs)	Casing (fbgs)	Water (fbgs)	Condensate (fbgs)				
MW-1	32.81208	-103.77181	4002.24	97	0-72	77.00		72-92	0.010	2	6/21/2000
MW-2	32.81250	-103.77244	4005.12	98	0-67	76.32		67-97	0.010	2	9/28/2000
MW-3	32.81206	-103.77228	4001.94	98	0-68	76.94		68-98	0.010	2	9/28/2000
MW-4	32.81425	-103.76967	4016.20	110	0-80	94.88		80-110	0.010	2	5/22/2001
MW-5	32.81217	-103.76989	4009.42	100	0-70	90.20		70-100	0.010	2	5/22/2001
MW-6*	32.81282	-103.77315	4005.23	105	0-105			70-100	0.010	6	3/31/2004
MW-7*	32.81281	-103.77308	4002.95	100	0-70	81.58	75.38	70-100	0.010	2	5/23/2001
MW-8	32.81192	-103.77294	4000.72	100	0-70	76.10		70-100	0.010	2	5/23/2001
MW-9	32.81150	-103.77119	4003.11	100	0-70	83.63		70-100	0.010	2	5/23/2001
MW-10	32.81269	-103.77478	4000.47	97	0-74	73.39		74-94	0.010	2	12/5/2001
MW-11	32.81442	-103.77314	4015.54	120	0-98	83.46		98-118	0.010	2	12/4/2001
MW-12*	32.81646	-103.77455	4022.53	120	0-99	94.39		99-119	0.010	2	12/4/2001
MW-13	32.81547	-103.77128	4031.96	127	0-105	106.68		105-125	0.010	2	12/3/2001
MW-14	32.81436	-103.77603	4006.98	120	0-80	75.00		80-100	0.010	4	3/20/2002
MW-15	32.81523	-103.76737	4026.75	130	0-99	113.50		99-129	0.010	2	9/17/2002
MW-16	32.81264	-103.76686	4017.74	130	0-98	113.50		98-128	0.010	2	9/17/2002
MW-17	32.81066	-103.76825	3998.58	100	0-79	97.36		79-99	0.010	2	9/17/2002
MW-18	32.80754	-103.77293	3980.46	110	0-87	85.91		87-107	0.010	2	9/17/2002
MW-19	32.81796	-103.77289	4037.34	120	0-98	117.23		98-118	0.010	2	9/17/2002
MW-20*	32.80878	-103.77718	3977.52	120	0-80	75.90		80-100	0.010	2	9/18/2002
SK-1*	32.81280	-103.77309	4005.60	105	0-85	74.07		85-105	0.010	4	3/21/2002
SK-2*	32.81278	-103.77309	4004.99	89.5	0-69	72.89		69-89	0.010	4	12/18/2002
EW-1	32.81650	-103.77452	4022.04	125	0-125	92.58		95-125	0.020	6	5/15/2007

Notes:
famsl = feet above mean sea level
fbgs = feet below ground surface
* Wells re-surveyed for location and elevation of top of casing on 12/21/07
** Section 21, T-17-S, R-32-E, New Mexico Principal Meridian
*** Schedule 40 PVC
Blank Fields Indicate No Data

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-1	05/21/01	4002.24	78.25		0.00	0.00	78.25	3923.99
	06/29/01	4002.24	78.24		0.00	0.00	78.24	3924.00
	12/13/01	4002.24	78.66		0.00	0.00	78.66	3923.58
	03/22/02	4002.24	79.00		0.00	0.00	79.00	3923.24
	09/16/02	4002.24	79.44	79.25	0.19	0.15	79.29	3922.95
	09/20/02	4002.24	79.35	79.13	0.22	0.18	79.17	3923.07
	09/04/03	4002.24	78.34		0.00	0.00	78.34	3923.90
	04/05/04	4002.24	80.23	80.22	0.01	0.01	80.22	3922.02
	05/17/04	4002.24	81.32	80.28	1.04	0.83	80.49	3921.75
	05/24/04	4002.24	81.30	80.25	1.05	0.84	80.46	3921.78
	06/01/04	4002.24	81.36	80.30	1.06	0.85	80.51	3921.73
	06/07/04	4002.24	81.28	80.26	1.02	0.82	80.46	3921.78
	06/15/04	4002.24	81.43	80.36	1.07	0.86	80.57	3921.67
	06/21/04	4002.24	81.42	80.39	1.03	0.82	80.60	3921.64
	06/28/04	4002.24	81.69	80.58	1.11	0.89	80.80	3921.44
	07/06/04	4002.24	81.59	80.49	1.10	0.88	80.71	3921.53
	07/12/04	4002.24	81.67	80.57	1.10	0.88	80.79	3921.45
	07/19/04	4002.24	81.63	80.57	1.06	0.85	80.78	3921.46
	07/26/04	4002.24	81.82	80.72	1.10	0.88	80.94	3921.30
	08/02/04	4002.24	81.72	80.63	1.09	0.87	80.85	3921.39
	08/10/04	4002.24	81.82	80.72	1.10	0.88	80.94	3921.30
	08/16/04	4002.24	81.83	80.74	1.09	0.87	80.96	3921.28
	08/23/04	4002.24	81.61	80.57	1.04	0.83	80.78	3921.46
	08/30/04	4002.24	81.84	80.75	1.09	0.87	80.97	3921.27
	09/08/04	4002.24	81.91	80.83	1.08	0.86	81.05	3921.19
	10/08/04	4002.24	81.92	80.87	1.05	0.84	81.08	3921.16
	12/30/04	4002.24	81.94	80.97	0.97	0.78	81.16	3921.08
	01/17/05	4002.24	82.28	81.27	1.01	0.81	81.47	3920.77
	03/09/05	4002.24	82.30	81.23	1.07	0.86	81.44	3920.80
	04/05/05	4002.24	82.05	81.04	1.01	0.81	81.24	3921.00
	05/10/05	4002.24	82.15	81.16	0.99	0.79	81.36	3920.88
	06/08/05	4002.24	82.24	81.23	1.01	0.81	81.43	3920.81
	07/05/05	4002.24	82.49	81.43	1.06	0.85	81.64	3920.60
	08/08/05	4002.24	82.41	81.42	0.99	0.79	81.62	3920.62
	09/14/05	4002.24	82.33	81.35	0.98	0.78	81.55	3920.69
	10/12/05	4002.24	82.43	81.42	1.01	0.81	81.62	3920.62
	11/09/05	4002.24	82.48	81.46	1.02	0.82	81.66	3920.58
	12/14/05	4002.24	82.28	81.30	0.98	0.78	81.50	3920.74
	01/12/06	4002.24	82.15	81.21	0.94	0.75	81.40	3920.84
	02/02/06	4002.24	82.08	81.11	0.97	0.78	81.30	3920.94
	03/07/06	4002.24	82.23	81.29	0.94	0.75	81.48	3920.76
	04/05/06	4002.24	82.16	81.22	0.94	0.75	81.41	3920.83
	05/08/06	4002.24	82.05	81.11	0.94	0.75	81.30	3920.94
	06/05/06	4002.24	82.09	81.15	0.94	0.75	81.34	3920.90
	07/11/06	4002.24	82.06	81.11	0.95	0.76	81.30	3920.94
	08/16/06	4002.24	82.03	81.08	0.95	0.76	81.27	3920.97
	09/07/06	4002.24	81.83	80.93	0.90	0.72	81.11	3921.13
	10/11/06	4002.24	81.77	80.89	0.88	0.70	81.07	3921.17
	11/08/06	4002.24	81.65	80.79	0.86	0.69	80.96	3921.28
	12/04/06	4002.24	82.08	81.23	0.85	0.68	81.40	3920.84
	01/04/07	4002.24	81.51	80.68	0.83	0.66	80.85	3921.39
	02/27/07	4002.24	81.35	80.48	0.87	0.70	80.65	3921.59
	03/20/07	4002.24	81.48	80.61	0.87	0.70	80.78	3921.46
	04/17/07	4000.24	81.31	80.47	0.84	0.67	80.64	3919.60
	05/07/07	4001.24	81.43	80.54	0.89	0.71	80.72	3920.52
	06/27/07	4002.24	81.25	80.35	0.90	0.72	80.53	3921.71
	07/19/07	4002.24	81.16	80.28	0.88	0.70	80.46	3921.78
	08/21/07	4002.24	81.03	80.12	0.91	0.73	80.30	3921.94
	09/17/07	4002.24	81.05	80.14	0.91	0.73	80.32	3921.92
	10/16/07	4002.24	80.85	79.91	0.94	0.75	80.10	3922.14
	11/20/07	4002.24	81.00	80.05	0.95	0.76	80.24	3922.00
	12/21/07	4002.24	80.85	79.88	0.97	0.78	80.07	3922.17

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-2	05/21/01	4005.12	76.63		0.00	0.00	76.63	3928.49
	06/29/01	4005.12	76.57		0.00	0.00	76.57	3928.55
	12/13/01	4005.12	76.94		0.00	0.00	76.94	3928.18
	02/28/02	4005.12	76.92		0.00	0.00	76.92	3928.20
	03/22/02	4005.12	77.29		0.00	0.00	77.29	3927.83
	09/16/02	4005.12	77.57		0.00	0.00	77.57	3927.55
	09/20/02	4005.12	77.47		0.00	0.00	77.47	3927.65
	04/05/04	4005.12	80.23		0.00	0.00	80.23	3924.89
	05/17/04	4005.12	78.62		0.00	0.00	78.62	3926.50
	05/24/04	4005.12	78.81		0.00	0.00	78.81	3926.31
	06/01/04	4005.12	79.06		0.00	0.00	79.06	3926.06
	06/07/04	4005.12	79.04		0.00	0.00	79.04	3926.08
	06/15/04	4005.12	79.20		0.00	0.00	79.20	3925.92
	06/21/04	4005.12	79.23		0.00	0.00	79.23	3925.89
	06/28/04	4005.12	79.54		0.00	0.00	79.54	3925.58
	07/06/04	4005.12	79.38		0.00	0.00	79.38	3925.74
	07/12/04	4005.12	79.50		0.00	0.00	79.50	3925.62
	07/19/04	4005.12	79.45		0.00	0.00	79.45	3925.67
	07/26/04	4005.12	79.68		0.00	0.00	79.68	3925.44
	08/02/04	4005.12	79.52		0.00	0.00	79.52	3925.60
	08/10/04	4005.12	79.66		0.00	0.00	79.66	3925.46
	08/16/04	4005.12	79.65		0.00	0.00	79.65	3925.47
	08/23/04	4005.12	79.39		0.00	0.00	79.39	3925.73
	08/30/04	4005.12	79.64		0.00	0.00	79.64	3925.48
	09/08/04	4005.12	79.94	79.73	0.21	0.17	79.77	3925.35
	10/08/04	4005.12	79.73		0.00	0.00	79.73	3925.39
	12/30/05	4005.12	79.71		0.00	0.00	79.71	3925.41
	01/17/05	4005.12	79.85		0.00	0.00	79.85	3925.27
	03/09/05	4005.12	80.00		0.00	0.00	80.00	3925.12
	04/05/05	4005.12	79.72		0.00	0.00	79.72	3925.40
	05/10/05	4005.12	79.77		0.00	0.00	79.77	3925.35
	06/08/05	4005.12	79.83		0.00	0.00	79.83	3925.29
	07/05/05	4005.12	80.13		0.00	0.00	80.13	3924.99
	08/08/05	4005.12	80.03		0.00	0.00	80.03	3925.09
	09/14/05	4005.12	79.69		0.00	0.00	79.69	3925.43
	10/12/05	4005.12	79.59	79.59	0.00	0.00	79.59	3925.53
	11/09/05	4005.12	79.58		0.00	0.00	79.58	3925.54
	12/14/05	4005.12	79.58		0.00	0.00	79.58	3925.54
	01/12/06	4005.12	79.21		0.00	0.00	79.21	3925.91
	02/02/06	4005.12	79.22		0.00	0.00	79.22	3925.90
	03/07/06	4005.12	79.71		0.00	0.00	79.71	3925.41
	04/05/06	4005.12	79.91	79.90	0.01	0.01	79.90	3925.22
	05/08/06	4005.12	79.62	79.62	0.00	0.00	79.62	3925.50
	06/05/06	4005.12	79.64		0.00	0.00	79.64	3925.48
	07/11/06	4005.12	79.56	79.56	0.00	0.00	79.56	3925.56
	08/16/06	4005.12	79.11		0.00	0.00	79.11	3926.01
	09/07/06	4005.12	79.15		0.00	0.00	79.15	3925.97
	10/11/06	4005.12	79.22	79.21	0.01	0.01	79.21	3925.91
	11/08/06	4005.12	79.04	79.04	0.00	0.00	79.04	3926.08
	12/04/06	4005.12	79.68	79.68	0.00	0.00	79.68	3925.44
	01/04/07	4005.12	78.79		0.00	0.00	78.79	3926.33
	02/27/07	4005.12	78.78	78.77	0.01	0.01	78.77	3926.35
	03/20/07	4005.12	79.31	79.30	0.01	0.01	79.30	3925.82
	04/17/07	4005.12	79.40	79.39	0.01	0.01	79.39	3925.73
	05/07/07	4005.12	79.30	79.30	0.00	0.00	79.30	3925.82
	06/27/07	4005.12	78.98		0.00	0.00	78.98	3926.14
	07/19/07	4005.12	78.85		0.00	0.00	78.85	3926.27
	08/21/07	4005.12	78.71		0.00	0.00	78.71	3926.41
	09/17/07	4005.12	78.72		0.00	0.00	78.72	3926.40
	10/16/07	4005.12	78.61		0.00	0.00	78.61	3926.51
	11/20/07	4005.12	78.67		0.00	0.00	78.67	3926.45
	12/21/07	4005.12	78.47		0.00	0.00	78.47	3926.65

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-3	02/06/02	4001.94	79.30	77.13	2.17	1.74	77.56	3924.38
	02/13/02	4001.94	79.62	77.71	1.91	1.53	78.09	3923.85
	03/22/02	4001.94	78.05	77.80	0.25	0.20	77.85	3924.09
	09/16/02	4001.94	78.18	78.14	0.04	0.03	78.15	3923.79
	09/20/02	4001.94	77.98	77.98	0.00	0.00	77.98	3923.96
	09/04/03	4001.94	79.29	78.91	0.38	0.30	78.99	3922.95
	04/05/04	4001.94	79.10	79.04	0.06	0.05	79.05	3922.89
	05/17/04	4001.94	79.46	79.08	0.38	0.30	79.16	3922.78
	05/24/04	4001.94	79.41	79.05	0.36	0.29	79.12	3922.82
	06/01/04	4001.94	79.58	79.17	0.41	0.33	79.25	3922.69
	06/07/04	4001.94	79.50	79.12	0.38	0.30	79.20	3922.74
	06/15/04	4001.94	79.68	79.24	0.44	0.35	79.33	3922.61
	06/21/04	4001.94	79.65	79.24	0.41	0.33	79.32	3922.62
	06/28/04	4001.94	80.04	79.53	0.51	0.41	79.63	3922.31
	07/06/04	4001.94	79.87	79.40	0.47	0.38	79.49	3922.45
	07/12/04	4001.94	80.00	79.49	0.51	0.41	79.59	3922.35
	07/19/04	4001.94	79.94	79.46	0.48	0.38	79.56	3922.38
	07/26/04	4001.94	80.18	79.65	0.53	0.42	79.76	3922.18
	08/02/04	4001.94	80.01	79.52	0.49	0.39	79.62	3922.32
	08/10/04	4001.94	80.12	79.59	0.53	0.42	79.70	3922.24
	08/16/04	4001.94	80.16	79.62	0.54	0.43	79.73	3922.21
	08/23/04	4001.94	79.82	79.39	0.43	0.34	79.48	3922.46
	08/30/04	4001.94	80.14	79.62	0.52	0.42	79.72	3922.22
	09/08/04	4001.94	80.24	79.68	0.56	0.45	79.79	3922.15
	10/08/04	4001.94	80.19	79.69	0.50	0.40	79.79	3922.15
	12/30/05	4001.94	80.13	79.71	0.42	0.34	79.79	3922.15
	01/17/05	4001.94	80.57	79.00	1.57	1.26	79.31	3922.63
	03/09/05	4001.94	80.50	80.00	0.50	0.40	80.10	3921.84
	04/05/05	4001.94	80.14	79.79	0.35	0.28	79.86	3922.08
	05/10/05	4001.94	80.23	79.84	0.39	0.31	79.92	3922.02
	06/08/05	4001.94	80.34	79.91	0.43	0.34	80.00	3921.94
	07/05/05	4001.94	80.69	80.15	0.54	0.43	80.26	3921.68
	08/08/05	4001.94	80.57	80.07	0.50	0.40	80.17	3921.77
	09/14/05	4001.94	80.39	79.96	0.43	0.34	80.05	3921.89
	10/12/05	4001.94	80.47	80.04	0.43	0.34	80.13	3921.81
	11/09/05	4001.94	80.46	80.06	0.40	0.32	80.14	3921.80
	12/14/05	4001.94	80.23	79.90	0.33	0.26	79.97	3921.97
	01/12/06	4001.94	79.99	79.72	0.27	0.22	79.77	3922.17
	02/02/06	4001.94	79.93	79.70	0.23	0.18	79.75	3922.19
	03/07/06	4001.94	80.24	79.90	0.34	0.27	79.97	3921.97
	04/05/06	4001.94	80.25	79.91	0.34	0.27	79.98	3921.96
	05/08/06	4001.94	80.10	79.83	0.27	0.22	79.88	3922.06
	06/05/06	4001.94	80.15	79.86	0.29	0.23	79.92	3922.02
	07/11/06	4001.94	80.10	79.85	0.25	0.20	79.90	3922.04
	08/16/06	4001.94	79.99	79.80	0.19	0.15	79.84	3922.10
	09/07/06	4001.94	79.64		0.00	0.00	79.64	3922.30
	10/11/06	4001.94	79.84	79.64	0.20	0.16	79.68	3922.26
	11/08/06	4001.94	79.66	79.51	0.15	0.12	79.54	3922.40
	12/04/06	4001.94	80.32	80.01	0.31	0.25	80.07	3921.87
	01/04/07	4001.94	79.39	79.39	0.00	0.00	79.39	3922.55
	02/27/07	4001.94	79.49	79.34	0.15	0.12	79.37	3922.57
	03/20/07	4001.94	79.74	79.56	0.18	0.14	79.60	3922.34
	04/17/07	4001.94	79.66	79.47	0.19	0.15	79.51	3922.43
	05/07/07	4001.94	79.63		0.00	0.00	79.63	3922.31
	06/27/07	4001.94	79.58	79.41	0.17	0.14	79.44	3922.50
	07/19/07	4001.94	79.25	79.25	0.00	0.00	79.25	3922.69
	08/21/07	4001.94	79.30	79.18	0.12	0.10	79.20	3922.74
	09/17/07	4001.94	79.32	79.18	0.14	0.11	79.21	3922.73
	10/16/07	4001.94	79.26	79.15	0.11	0.09	79.17	3922.77
	11/20/07	4001.94	79.25	79.17	0.08	0.06	79.19	3922.75
	12/21/07	4001.94	79.00		0.00	0.00	79.00	3922.94

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-4	05/22/01	4016.20	95.20		0.00	0.00	95.20	3921.00
	05/24/01	4016.20	94.88		0.00	0.00	94.88	3921.32
	06/29/01	4016.20	94.87		0.00	0.00	94.87	3921.33
	12/13/01	4016.20	95.27		0.00	0.00	95.27	3920.93
	03/22/02	4016.20	95.37		0.00	0.00	95.37	3920.83
	09/16/02	4016.20	95.53		0.00	0.00	95.53	3920.67
	09/20/02	4016.20	95.42		0.00	0.00	95.42	3920.78
	04/05/04	4016.20	96.38		0.00	0.00	96.38	3919.82
	05/17/04	4016.20	96.43		0.00	0.00	96.43	3919.77
	05/24/04	4016.20	96.37		0.00	0.00	96.37	3919.83
	06/01/04	4016.20	96.42		0.00	0.00	96.42	3919.78
	06/07/04	4016.20	96.34		0.00	0.00	96.34	3919.86
	06/15/04	4016.20	96.45		0.00	0.00	96.45	3919.75
	06/21/04	4016.20	96.42		0.00	0.00	96.42	3919.78
	06/28/04	4016.20	96.66		0.00	0.00	96.66	3919.54
	07/06/04	4016.20	96.54		0.00	0.00	96.54	3919.66
	07/12/04	4016.20	96.62		0.00	0.00	96.62	3919.58
	07/19/04	4016.20	96.56		0.00	0.00	96.56	3919.64
	07/26/04	4016.20	96.73		0.00	0.00	96.73	3919.47
	08/02/04	4016.20	96.61		0.00	0.00	96.61	3919.59
	08/10/04	4016.20	96.75		0.00	0.00	96.75	3919.45
	08/16/04	4016.20	96.69		0.00	0.00	96.69	3919.51
	08/23/04	4016.20	96.49		0.00	0.00	96.49	3919.71
	08/30/04	4016.20	96.69		0.00	0.00	96.69	3919.51
	09/08/04	4016.20	96.74		0.00	0.00	96.74	3919.46
	10/08/04	4016.20	96.71		0.00	0.00	96.71	3919.49
	12/30/05	4016.20	96.65		0.00	0.00	96.65	3919.55
	01/17/05	4016.20	97.03		0.00	0.00	97.03	3919.17
	02/09/05	4016.20	96.94		0.00	0.00	96.94	3919.26
	03/09/05	4016.20	96.96		0.00	0.00	96.96	3919.24
	04/05/05	4016.20	96.71		0.00	0.00	96.71	3919.49
	05/10/05	4016.20	96.75		0.00	0.00	96.75	3919.45
	06/08/05	4016.20	96.85		0.00	0.00	96.85	3919.35
	07/05/05	4016.20	97.08		0.00	0.00	97.08	3919.12
	08/08/05	4016.20	96.97		0.00	0.00	96.97	3919.23
	09/14/05	4016.20	96.94		0.00	0.00	96.94	3919.26
	10/12/05	4016.20	97.07		0.00	0.00	97.07	3919.13
	11/09/05	4016.20	97.14		0.00	0.00	97.14	3919.06
	12/14/05	4016.20	97.03		0.00	0.00	97.03	3919.17
	01/12/06	4016.20	96.91		0.00	0.00	96.91	3919.29
	02/02/06	4016.20	96.91		0.00	0.00	96.91	3919.29
	03/07/06	4016.20	97.04		0.00	0.00	97.04	3919.16
	04/05/06	4016.20	96.99		0.00	0.00	96.99	3919.21
	05/08/06	4016.20	96.95		0.00	0.00	96.95	3919.25
	06/05/06	4016.20	97.05		0.00	0.00	97.05	3919.15
	07/11/06	4016.20	97.09		0.00	0.00	97.09	3919.11
	08/16/06	4016.20	97.16		0.00	0.00	97.16	3919.04
	09/07/06	4016.20	97.08		0.00	0.00	97.08	3919.12
	10/11/06	4016.20	97.10		0.00	0.00	97.10	3919.10
	11/08/06	4016.20	97.00		0.00	0.00	97.00	3919.20
	12/04/06	4016.20	97.48		0.00	0.00	97.48	3918.72
	01/04/07	4016.20	96.97		0.00	0.00	96.97	3919.23
	02/27/07	4016.20	97.03		0.00	0.00	97.03	3919.17
	03/20/07	4016.20	97.18		0.00	0.00	97.18	3919.02
	04/17/07	4016.20	97.02		0.00	0.00	97.02	3919.18
	05/07/07	4016.20	97.20		0.00	0.00	97.20	3919.00
	06/27/07	4016.20	97.09		0.00	0.00	97.09	3919.11
	07/19/07	4016.20	97.02		0.00	0.00	97.02	3919.18
	08/21/07	4016.20	96.95		0.00	0.00	96.95	3919.25
	09/17/07	4016.20	96.98		0.00	0.00	96.98	3919.22
	10/16/07	4016.20	96.93		0.00	0.00	96.93	3919.27
	11/20/07	4016.20	97.03		0.00	0.00	97.03	3919.17
	12/21/07	4016.20	96.91		0.00	0.00	96.91	3919.29

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-5	05/23/01	4009.42	90.38		0.00	0.00	90.38	3919.04
	05/24/01	4009.42	90.20		0.00	0.00	90.20	3919.22
	12/13/01	4009.42	90.25		0.00	0.00	90.25	3919.17
	03/22/02	4009.42	90.24	90.22	0.02	0.02	90.22	3919.20
	09/16/02	4009.42	90.98	90.66	0.32	0.26	90.72	3918.70
	09/20/02	4009.42	90.88	90.59	0.29	0.23	90.65	3918.77
	04/05/04	4009.42	92.00	91.82	0.18	0.14	91.86	3917.56
	05/17/04	4009.42	92.10	91.91	0.19	0.15	91.95	3917.47
	05/24/04	4009.42	92.03	91.84	0.19	0.15	91.88	3917.54
	06/01/04	4009.42	92.10	91.91	0.19	0.15	91.95	3917.47
	06/07/04	4009.42	91.99	91.86	0.13	0.10	91.89	3917.53
	06/15/04	4009.42	92.12	91.94	0.18	0.14	91.98	3917.44
	06/21/04	4009.42	92.11	91.95	0.16	0.13	91.98	3917.44
	06/28/04	4009.42	92.33	92.15	0.18	0.14	92.19	3917.23
	07/06/04	4009.42	92.24	92.04	0.20	0.16	92.08	3917.34
	07/12/04	4009.42	92.31	92.12	0.19	0.15	92.16	3917.26
	07/19/04	4009.42	92.27	92.08	0.19	0.15	92.12	3917.30
	07/26/04	4009.42	92.39	92.19	0.20	0.16	92.23	3917.19
	08/02/04	4009.42	92.33	92.13	0.20	0.16	92.17	3917.25
	08/10/04	4009.42	92.40	92.21	0.19	0.15	92.25	3917.17
	08/16/04	4009.42	92.42	92.22	0.20	0.16	92.26	3917.16
	08/23/04	4009.42	92.15	92.02	0.13	0.10	92.05	3917.37
	08/30/04	4009.42	92.44	92.26	0.18	0.14	92.30	3917.12
	09/08/04	4009.42	92.44	92.24	0.20	0.16	92.28	3917.14
	10/08/04	4009.42	92.43	92.27	0.16	0.13	92.30	3917.12
	12/30/05	4009.42	92.41	92.34	0.07	0.06	92.35	3917.07
	01/17/05	4009.42	92.65	92.57	0.08	0.06	92.59	3916.83
	02/09/05	4009.42	92.61	92.57	0.04	0.03	92.58	3916.84
	03/09/05	4009.42	92.65	92.63	0.02	0.02	92.63	3916.79
	04/05/05	4009.42	92.38		0.00	0.00	92.38	3917.04
	05/10/05	4009.42	92.40		0.00	0.00	92.40	3917.02
	06/08/05	4009.42	92.54		0.00	0.00	92.54	3916.88
	07/05/05	4009.42	92.78		0.00	0.00	92.78	3916.64
	08/08/05	4009.42	92.65		0.00	0.00	92.65	3916.77
	09/14/05	4009.42	92.61	92.61	0.00	0.00	92.61	3916.81
	10/12/05	4009.42	92.70		0.00	0.00	92.70	3916.72
	11/09/05	4009.42	92.75		0.00	0.00	92.75	3916.67
	12/14/05	4009.42	92.56		0.00	0.00	92.56	3916.86
	01/12/06	4009.42	92.38		0.00	0.00	92.38	3917.04
	02/02/06	4009.42	92.38	92.38	0.00	0.00	92.38	3917.04
	03/07/06	4009.42	92.43		0.00	0.00	92.43	3916.99
	04/05/06	4009.42	92.32		0.00	0.00	92.32	3917.10
	05/08/06	4009.42	92.26		0.00	0.00	92.26	3917.16
	06/05/06	4009.42	92.30	92.30	0.00	0.00	92.30	3917.12
	07/11/06	4009.42	92.33	92.33	0.00	0.00	92.33	3917.09
	08/16/06	4009.42	92.41		0.00	0.00	92.41	3917.01
	09/07/06	4009.42	92.83		0.00	0.00	92.83	3916.59
	10/11/06	4009.42	92.36	92.36	0.00	0.00	92.36	3917.06
	11/08/06	4009.42	92.25	92.24	0.01	0.01	92.24	3917.18
	12/04/06	4009.42	92.75	92.75	0.00	0.00	92.75	3916.67
	01/04/07	4009.42	92.26		0.00	0.00	92.26	3917.16
	02/27/07	4009.42	92.35	92.35	0.00	0.00	92.35	3917.07
	03/20/07	4009.42	92.51	92.51	0.00	0.00	92.51	3916.91
	04/17/07	4009.42	92.32	92.32	0.00	0.00	92.32	3917.10
	05/07/07	4009.42	92.56	92.56	0.00	0.00	92.56	3916.86
	06/27/07	4009.42	92.39		0.00	0.00	92.39	3917.03
	07/17/07	4009.42	92.32		0.00	0.00	92.32	3917.10
	08/21/07	4009.42	92.24		0.00	0.00	92.24	3917.18
	09/17/07	4009.42	92.26		0.00	0.00	92.26	3917.16
	10/16/07	4009.42	92.23		0.00	0.00	92.23	3917.19
	11/20/07	4009.42	92.28		0.00	0.00	92.28	3917.14
	12/21/07	4009.42	92.21		0.00	0.00	92.21	3917.21

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-7	05/24/01	4002.94	75.38		0.00	0.00	75.38	3927.56
	02/06/02	4002.94	76.62	69.86	6.76	5.41	71.21	3931.73
	02/20/02	4002.94	76.16	69.92	6.24	4.99	71.17	3931.77
	02/28/02	4002.94	75.74	69.89	5.85	4.68	71.06	3931.88
	03/22/02	4002.94	76.40	70.07	6.33	5.06	71.34	3931.60
	09/16/02	4002.94	76.56	70.51	6.05	4.84	71.72	3931.22
	09/20/02	4002.94	76.08	70.23	5.85	4.68	71.40	3931.54
	12/20/02	4002.94	75.09	70.98	4.11	3.29	71.80	3931.14
	01/21/03	4002.94	75.43	71.11	4.32	3.46	71.97	3930.97
	01/22/03	4002.94	75.44	70.97	4.47	3.58	71.86	3931.08
	01/29/03	4002.94	75.47	71.04	4.43	3.54	71.93	3931.01
	02/10/03	4002.94	75.53	71.00	4.53	3.62	71.91	3931.03
	02/17/03	4002.94	75.40	70.92	4.48	3.58	71.82	3931.12
	03/20/03	4002.94	75.51	70.91	4.60	3.68	71.83	3931.11
	03/27/03	4002.94	75.09	70.64	4.45	3.56	71.53	3931.41
	04/08/03	4002.94	76.09	71.41	4.68	3.74	72.35	3930.59
	04/16/03	4002.94	75.52	70.87	4.65	3.72	71.80	3931.14
	04/23/03	4002.94	75.31	70.69	4.62	3.70	71.61	3931.33
	04/30/03	4002.94	75.44	70.84	4.60	3.68	71.76	3931.18
	05/13/03	4002.94	75.66	71.02	4.64	3.71	71.95	3930.99
	05/19/03	4002.94	75.63	71.00	4.63	3.70	71.93	3931.01
	05/28/03	4002.94	75.95	71.33	4.62	3.70	72.25	3930.69
	06/04/03	4002.94	75.44	70.85	4.59	3.67	71.77	3931.17
	06/18/03	4002.94	75.64	71.10	4.54	3.63	72.01	3930.93
	08/28/03	4002.94	76.02	71.13	4.89	3.91	72.11	3930.83
	09/24/03	4002.94	76.17	71.42	4.75	3.80	72.37	3930.57
	04/05/04	4002.94	76.05	71.64	4.41	3.53	72.52	3930.42
	05/17/04	4002.94	87.40	72.50	14.90	11.92	75.48	3927.46
	05/24/04	4002.94	91.11	75.30	15.81	12.65	78.46	3924.48
	06/01/04	4002.94	85.60	73.17	12.43	9.94	75.66	3927.28
	06/07/04	4002.94	85.50	73.11	12.39	9.91	75.59	3927.35
	06/15/04	4002.94	79.80	73.18	6.62	5.30	74.50	3928.44
	06/21/04	4002.94	85.15	73.41	11.74	9.39	75.76	3927.18
	06/28/04	4002.94	84.98	73.51	11.47	9.18	75.80	3927.14
	07/06/04	4002.94	85.13	73.52	11.61	9.29	75.84	3927.10
	07/12/04	4002.94	85.16	73.66	11.50	9.20	75.96	3926.98
	07/19/04	4002.94	85.31	73.74	11.57	9.26	76.05	3926.89
	07/26/04	4002.94	85.27	73.76	11.51	9.21	76.06	3926.88
	08/02/04	4002.94	85.43	73.87	11.56	9.25	76.18	3926.76
	08/16/04	4002.94	85.06	73.68	11.38	9.10	75.96	3926.98
	08/23/04	4002.94	85.21	73.75	11.46	9.17	76.04	3926.90
	08/30/04	4002.94	85.41	73.93	11.48	9.18	76.23	3926.71
	09/08/04	4002.94	84.70	73.79	10.91	8.73	75.97	3926.97
	10/08/04	4002.94	84.10	73.91	10.19	8.15	75.95	3926.99
	12/30/05	4002.94	81.78	74.50	7.28	5.82	75.96	3926.98
	01/17/05	4002.94	77.57	74.56	3.01	2.41	75.16	3927.78
	02/09/05	4002.94	78.77	75.46	3.31	2.65	76.12	3926.82
	03/09/05	4002.94	78.68	75.41	3.27	2.62	76.06	3926.88
	04/05/05	4002.94	78.36	75.12	3.24	2.59	75.77	3927.17
	05/10/05	4002.94	78.19	75.02	3.17	2.54	75.65	3927.29
	06/08/05	4002.94	76.62	75.67	0.95	0.76	75.86	3927.08
	07/05/05	4002.94	76.88	75.77	1.11	0.89	75.99	3926.95
	08/08/05	4002.94	76.63	75.64	0.99	0.79	75.84	3927.10
	09/14/05	4002.94	75.05	73.91	1.14	0.91	74.14	3928.80
	10/12/05	4002.94	76.10	73.28	2.82	2.26	73.84	3929.10
	11/09/05	4002.94	75.99	73.21	2.78	2.22	73.77	3929.17
	12/14/05	4002.94	76.19	73.46	2.73	2.18	74.01	3928.93
	01/12/06	4002.94	75.34	72.93	2.41	1.93	73.41	3929.53
	02/02/06	4002.94	77.39	73.33	4.06	3.25	74.14	3928.80
	03/07/06	4002.94	75.82	74.50	1.32	1.06	74.76	3928.18
	04/05/06	4002.94	79.32	74.81	4.51	3.61	75.71	3927.23

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-7 cont.	05/08/06	4002.94	78.81	74.34	4.47	3.58	75.23	3927.71
	06/05/06	4002.94	78.75	74.18	4.57	3.66	75.09	3927.85
	07/11/06	4002.94	75.31	75.31	0.00	0.00	75.31	3927.63
	08/16/06	4002.94	74.67	72.31	2.36	1.89	72.78	3930.16
	08/30/06	4002.94	74.56	72.58	1.98	1.58	72.98	3929.96
	09/07/06	4002.94	74.83	74.83	0.00	0.00	74.83	3928.11
	10/11/06	4002.94	75.02	74.96	0.06	0.05	74.97	3927.97
	11/08/06	4002.94	74.13		0.00	0.00	74.13	3928.81
	12/04/06	4002.94	75.08	74.83	0.25	0.20	74.88	3928.06
	01/04/07	4002.94	74.22	73.99	0.23	0.18	74.04	3928.90
	02/27/07	4002.94	73.95	73.63	0.32	0.26	73.69	3929.25
	03/20/07	4002.94	76.23	75.83	0.40	0.32	75.91	3927.03
	04/17/07	4002.94	76.96		0.00	0.00	76.96	3925.98
	05/07/07	4002.94	74.76		0.00	0.00	74.76	3928.18
	06/27/07	4002.94	74.71		0.00	0.00	74.71	3928.23
	07/17/07	4002.94	74.56		0.00	0.00	74.56	3928.38
	08/21/07	4002.94	74.51		0.00	0.00	74.51	3928.43
	09/17/07	4002.94	74.43		0.00	0.00	74.43	3928.51
	10/16/07	4002.94	74.40	74.39	0.01	0.01	74.39	3928.55
	11/20/07	4002.94	74.35	74.33	0.02	0.02	74.33	3928.61
	12/21/07*	4002.95	73.85	73.76	0.09	0.07	73.78	3929.17
MW-8	05/23/01	4000.72	77.00		0.00	0.00	77.00	3923.72
	05/24/01	4000.72	76.10		0.00	0.00	76.10	3924.62
	06/29/01	4000.72	76.12		0.00	0.00	76.12	3924.60
	12/13/01	4000.72	70.43		0.00	0.00	70.43	3930.29
	02/28/02	4000.72	76.40		0.00	0.00	76.40	3924.32
	03/22/02	4000.72	76.90		0.00	0.00	76.90	3923.82
	09/16/02	4000.72	77.02		0.00	0.00	77.02	3923.70
	09/20/02	4000.72	76.85		0.00	0.00	76.85	3923.87
	09/04/03	4000.72	77.82		0.00	0.00	77.82	3922.90
	04/05/04	4000.72	78.04		0.00	0.00	78.04	3922.68
	05/17/04	4000.72	78.08		0.00	0.00	78.08	3922.64
	05/24/04	4000.72	78.07		0.00	0.00	78.07	3922.65
	06/01/04	4000.72	78.17		0.00	0.00	78.17	3922.55
	06/07/04	4000.72	78.14		0.00	0.00	78.14	3922.58
	06/15/04	4000.72	78.29		0.00	0.00	78.29	3922.43
	06/21/04	4000.72	78.31		0.00	0.00	78.31	3922.41
	06/28/04	4000.72	78.65		0.00	0.00	78.65	3922.07
	07/06/04	4000.72	78.49		0.00	0.00	78.49	3922.23
	07/12/04	4000.72	78.61		0.00	0.00	78.61	3922.11
	07/19/04	4000.72	78.57		0.00	0.00	78.57	3922.15
	07/26/04	4000.72	78.79		0.00	0.00	78.79	3921.93
	08/02/04	4000.72	78.65		0.00	0.00	78.65	3922.07
	08/10/04	4000.72	78.79		0.00	0.00	78.79	3921.93
	08/16/04	4000.72	78.78		0.00	0.00	78.78	3921.94
	08/23/04	4000.72	78.53		0.00	0.00	78.53	3922.19
	08/30/04	4000.72	78.77		0.00	0.00	78.77	3921.95
	09/08/04	4000.72	78.87		0.00	0.00	78.87	3921.85
	10/08/04	4000.72	78.87		0.00	0.00	78.87	3921.85
	12/30/05	4000.72	78.91		0.00	0.00	78.91	3921.81
	01/17/05	4000.72	79.27		0.00	0.00	79.27	3921.45
	02/09/05	4000.72	79.15		0.00	0.00	79.15	3921.57
	03/09/05	4000.72	79.18		0.00	0.00	79.18	3921.54
	04/05/05	4000.72	78.84		0.00	0.00	78.84	3921.88
	05/10/05	4000.72	78.87		0.00	0.00	78.87	3921.85
	06/08/05	4000.72	79.11	78.82	0.29	0.23	78.88	3921.84
	07/05/05	4000.72	79.05	79.01	0.04	0.03	79.02	3921.70
	08/08/05	4000.72	79.69	78.82	0.87	0.70	78.99	3921.73
	09/14/05	4000.72	79.69	78.61	1.08	0.86	78.83	3921.89
	10/12/05	4000.72	79.73	78.66	1.07	0.86	78.87	3921.85
	11/09/05	4000.72	79.72	78.72	1.00	0.80	78.92	3921.80
	12/14/05	4000.72	79.47	78.51	0.96	0.77	78.70	3922.02

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-8 cont.	01/12/06	4000.72	79.21	78.31	0.90	0.72	78.49	3922.23
	02/02/06	4000.72	79.13	78.27	0.86	0.69	78.44	3922.28
	03/07/06	4000.72	79.29	78.48	0.81	0.65	78.64	3922.08
	04/05/06	4000.72	79.17	78.48	0.69	0.55	78.62	3922.10
	05/08/06	4000.72	79.15	78.40	0.75	0.60	78.55	3922.17
	06/05/06	4000.72	79.22	78.52	0.70	0.56	78.66	3922.06
	07/11/06	4000.72	79.23	78.56	0.67	0.54	78.69	3922.03
	08/16/06	4000.72	79.16	78.54	0.62	0.50	78.66	3922.06
	09/07/06	4000.72	78.96	78.36	0.60	0.48	78.48	3922.24
	10/11/06	4000.72	78.94	78.36	0.58	0.46	78.48	3922.24
	11/08/06	4000.72	78.78	78.20	0.58	0.46	78.32	3922.40
	12/04/06	4000.72	79.37	78.83	0.54	0.43	78.94	3921.78
	01/04/07	4000.72	78.61	78.09	0.52	0.42	78.19	3922.53
	02/27/07	4000.72	78.53	78.05	0.48	0.38	78.15	3922.57
	03/20/07	4000.72	78.79	78.32	0.47	0.38	78.41	3922.31
	04/17/07	4000.72	78.69	78.24	0.45	0.36	78.33	3922.39
	05/07/07	4000.72	78.91	78.46	0.45	0.36	78.55	3922.17
	06/27/07	4000.72	78.73	78.32	0.41	0.33	78.40	3922.32
	07/19/07	4000.72	78.61	78.22	0.39	0.31	78.30	3922.42
	08/21/07	4000.72	78.51	78.13	0.38	0.30	78.21	3922.51
	09/17/07	4000.72	78.53	78.16	0.37	0.30	78.23	3922.49
	10/16/07	4000.72	78.42	78.07	0.35	0.28	78.14	3922.58
	11/20/07	4000.72	78.47	78.14	0.33	0.26	78.21	3922.51
	12/21/07	4000.72	78.24	77.92	0.32	0.26	77.98	3922.74
MW-9	05/23/01	4003.11	83.00		0.00	0.00	83.00	3920.11
	05/24/01	4003.11	83.63		0.00	0.00	83.63	3919.48
	06/29/01	4003.11	83.55		0.00	0.00	83.55	3919.56
	12/13/01	4003.11	83.91		0.00	0.00	83.91	3919.20
	03/22/02	4003.11	84.08		0.00	0.00	84.08	3919.03
	09/16/02	4003.11	84.44		0.00	0.00	84.44	3918.67
	09/20/02	4003.11	84.44		0.00	0.00	84.44	3918.67
	04/05/04	4003.11	84.58		0.00	0.00	84.58	3918.53
	05/17/04	4003.11	89.30	84.65	4.65	3.72	85.58	3917.53
	05/24/04	4003.11	89.29	84.57	4.72	3.78	85.51	3917.60
	06/01/04	4003.11	89.31	84.67	4.64	3.71	85.60	3917.51
	06/07/04	4003.11	89.29	84.59	4.70	3.76	85.53	3917.58
	06/15/04	4003.11	89.37	84.70	4.67	3.74	85.63	3917.48
	06/21/04	4003.11	89.38	84.69	4.69	3.75	85.63	3917.48
	06/28/04	4003.11	89.51	84.92	4.59	3.67	85.84	3917.27
	07/06/04	4003.11	89.42	84.83	4.59	3.67	85.75	3917.36
	07/12/04	4003.11	89.51	84.89	4.62	3.70	85.81	3917.30
	07/19/04	4003.11	89.47	84.86	4.61	3.69	85.78	3917.33
	07/26/04	4003.11	89.58	85.00	4.58	3.66	85.92	3917.19
	08/02/04	4003.11	89.44	84.93	4.51	3.61	85.83	3917.28
	08/10/04	4003.11	89.53	85.10	4.43	3.54	85.99	3917.12
	08/16/04	4003.11	89.50	85.03	4.47	3.58	85.92	3917.19
	08/23/04	4003.11	89.27	84.87	4.40	3.52	85.75	3917.36
	08/30/04	4003.11	89.45	85.17	4.28	3.42	86.03	3917.08
	09/08/04	4003.11	89.48	85.12	4.36	3.49	85.99	3917.12
	10/08/04	4003.11	89.39	85.14	4.25	3.40	85.99	3917.12
	12/30/05	4003.11	89.24	85.25	3.99	3.19	86.05	3917.06
	01/17/05	4003.11	89.59	85.47	4.12	3.30	86.29	3916.82
	03/09/05	4003.11	89.58	85.47	4.11	3.29	86.29	3916.82
	04/05/05	4003.11	89.30	85.30	4.00	3.20	86.10	3917.01
	05/10/05	4003.11	89.42	85.29	4.13	3.30	86.12	3916.99
	06/08/05	4003.11	89.54	85.25	4.29	3.43	86.11	3917.00
	07/05/05	4003.11	89.72	85.53	4.19	3.35	86.37	3916.74
	08/08/05	4003.11	89.68	85.45	4.23	3.38	86.30	3916.81
	09/14/05	4003.11	89.63	85.44	4.19	3.35	86.28	3916.83
	10/12/05	4003.11	89.82	85.45	4.37	3.50	86.32	3916.79
	11/09/05	4003.11	89.88	85.47	4.41	3.53	86.35	3916.76
	12/14/05	4003.11	89.79	85.30	4.49	3.59	86.20	3916.91

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-9 cont.	01/12/06	4003.11	89.73	85.18	4.55	3.64	86.09	3917.02
	02/02/06	4003.11	89.72	85.12	4.60	3.68	86.04	3917.07
	03/07/06	4003.11	89.84	85.22	4.62	3.70	86.14	3916.97
	04/05/06	4003.11	89.79	84.16	5.63	4.50	85.29	3917.82
	05/08/06	4003.11	89.68	85.05	4.63	3.70	85.98	3917.13
	06/05/06	4003.11	89.75	85.11	4.64	3.71	86.04	3917.07
	07/11/06	4003.11	89.75	85.13	4.62	3.70	86.05	3917.06
	08/16/06	4003.11	89.66	85.25	4.41	3.53	86.13	3916.98
	09/07/06	4003.11	89.51	85.20	4.31	3.45	86.06	3917.05
	10/11/06	4003.11	88.38	85.24	3.14	2.51	85.87	3917.24
	11/08/06	4003.11	89.26	85.15	4.11	3.29	85.97	3917.14
	12/04/06	4003.11	89.62	85.62	4.00	3.20	86.42	3916.69
	01/04/07	4003.11	89.14	85.18	3.96	3.17	85.97	3917.14
	02/27/07	4003.11	89.12	85.15	3.97	3.18	85.94	3917.17
	03/20/07	4003.11	89.11	85.32	3.79	3.03	86.08	3917.03
	04/17/07	4003.11	89.06	85.19	3.87	3.10	85.96	3917.15
	05/07/07	4003.11	89.15	85.25	3.90	3.12	86.03	3917.08
	06/27/07	4003.11	88.98	85.12	3.86	3.09	85.89	3917.22
	07/19/07	4003.11	89.01	85.04	3.97	3.18	85.83	3917.28
	08/21/07	4003.11	89.00	84.89	4.11	3.29	85.71	3917.40
	09/17/07	4003.11	88.97	84.94	4.03	3.22	85.75	3917.36
	10/16/07	4003.11	89.08	84.76	4.32	3.46	85.62	3917.49
	11/20/07	4003.11	89.10	84.77	4.33	3.46	85.64	3917.47
	12/21/07	4003.11	89.05	84.49	4.56	3.65	85.40	3917.71
MW-10	12/13/01	4000.47	70.39		0.00	0.00	70.39	3930.08
	03/22/02	4000.47	70.76		0.00	0.00	70.76	3929.71
	09/16/02	4000.47	70.92		0.00	0.00	70.92	3929.55
	09/20/02	4000.47	70.79		0.00	0.00	70.79	3929.68
	09/04/03	4000.47	71.69		0.00	0.00	71.69	3928.78
	04/05/04	4000.47	71.87		0.00	0.00	71.87	3928.60
	05/17/04	4000.47	71.92		0.00	0.00	71.92	3928.55
	05/24/04	4000.47	71.85		0.00	0.00	71.85	3928.62
	06/01/04	4000.47	71.90		0.00	0.00	71.90	3928.57
	06/07/04	4000.47	71.83		0.00	0.00	71.83	3928.64
	06/15/04	4000.47	71.97		0.00	0.00	71.97	3928.50
	06/21/04	4000.47	71.94		0.00	0.00	71.94	3928.53
	06/28/04	4000.47	72.26		0.00	0.00	72.26	3928.21
	07/06/04	4000.47	72.14		0.00	0.00	72.14	3928.33
	07/12/04	4000.47	72.23		0.00	0.00	72.23	3928.24
	07/19/04	4000.47	72.19		0.00	0.00	72.19	3928.28
	07/26/04	4000.47	72.37		0.00	0.00	72.37	3928.10
	08/02/04	4000.47	72.25		0.00	0.00	72.25	3928.22
	08/10/04	4000.47	72.39		0.00	0.00	72.39	3928.08
	08/16/04	4000.47	72.36		0.00	0.00	72.36	3928.11
	08/23/04	4000.47	72.13		0.00	0.00	72.13	3928.34
	08/30/04	4000.47	72.37		0.00	0.00	72.37	3928.10
	09/08/04	4000.47	72.45		0.00	0.00	72.45	3928.02
	10/08/04	4000.47	72.45		0.00	0.00	72.45	3928.02
	12/30/05	4000.47	72.53		0.00	0.00	72.53	3927.94
	01/17/05	4000.47	72.86		0.00	0.00	72.86	3927.61
	02/09/05	4000.47	72.82		0.00	0.00	72.82	3927.65
	03/09/05	4000.47	72.86		0.00	0.00	72.86	3927.61
	04/05/05	4000.47	72.57		0.00	0.00	72.57	3927.90
	05/10/05	4000.47	72.63		0.00	0.00	72.63	3927.84
	06/08/05	4000.47	72.74		0.00	0.00	72.74	3927.73
	07/05/05	4000.47	73.01		0.00	0.00	73.01	3927.46
	08/08/05	4000.47	72.92		0.00	0.00	72.92	3927.55
	09/14/05	4000.47	72.86		0.00	0.00	72.86	3927.61
	10/12/05	4000.47	72.97		0.00	0.00	72.97	3927.50
	11/09/05	4000.47	73.04		0.00	0.00	73.04	3927.43
	12/14/05	4000.47	72.84		0.00	0.00	72.84	3927.63
	01/12/06	4000.47	72.64		0.00	0.00	72.64	3927.83

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-10 cont.	02/02/06	4000.47	72.64		0.00	0.00	72.64	3927.83
	03/07/06	4000.47	73.75		0.00	0.00	73.75	3926.72
	04/05/06	4000.47	72.66		0.00	0.00	72.66	3927.81
	05/08/06	4000.47	72.58		0.00	0.00	72.58	3927.89
	06/05/06	4000.47	72.69		0.00	0.00	72.69	3927.78
	07/11/06	4000.47	72.74		0.00	0.00	72.74	3927.73
	08/16/06	4000.47	72.68		0.00	0.00	72.68	3927.79
	09/07/06	4000.47	72.43		0.00	0.00	72.43	3928.04
	10/11/06	4000.47	72.36		0.00	0.00	72.36	3928.11
	11/08/06	4000.47	72.17		0.00	0.00	72.17	3928.30
	12/04/06	4000.47	72.64		0.00	0.00	72.64	3927.83
	01/04/07	4000.47	71.95		0.00	0.00	71.95	3928.52
	02/27/07	4000.47	71.93		0.00	0.00	71.93	3928.54
	03/20/07	4000.47	72.09		0.00	0.00	72.09	3928.38
	04/17/07	4000.47	71.88		0.00	0.00	71.88	3928.59
	05/07/07	4000.47	72.10		0.00	0.00	72.10	3928.37
	06/27/07	4000.47	72.00		0.00	0.00	72.00	3928.47
	07/19/07	4000.47	71.89		0.00	0.00	71.89	3928.58
	08/21/07	4000.47	71.86		0.00	0.00	71.86	3928.61
	09/17/07	4000.47	71.82		0.00	0.00	71.82	3928.65
	10/16/07	4000.47	71.75		0.00	0.00	71.75	3928.72
	11/20/07	4000.47	71.79		0.00	0.00	71.79	3928.68
	12/21/07	4000.47	71.57		0.00	0.00	71.57	3928.90
MW-11	12/13/01	4015.54	81.38		0.00	0.00	81.38	3934.16
	03/22/02	4015.54	83.60		0.00	0.00	83.60	3931.94
	09/16/02	4015.54	83.82		0.00	0.00	83.82	3931.72
	09/20/02	4015.54	83.70		0.00	0.00	83.70	3931.84
	09/04/03	4015.54	84.50		0.00	0.00	84.50	3931.04
	04/05/04	4015.54	84.54		0.00	0.00	84.54	3931.00
	05/17/04	4015.54	84.64		0.00	0.00	84.64	3930.90
	05/24/04	4015.54	84.55		0.00	0.00	84.55	3930.99
	06/01/04	4015.54	84.61		0.00	0.00	84.61	3930.93
	06/07/04	4015.54	84.58		0.00	0.00	84.58	3930.96
	06/15/04	4015.54	84.69		0.00	0.00	84.69	3930.85
	06/21/04	4015.54	84.72		0.00	0.00	84.72	3930.82
	06/28/04	4015.54	84.99		0.00	0.00	84.99	3930.55
	07/06/04	4015.54	84.83		0.00	0.00	84.83	3930.71
	07/12/04	4015.54	84.96		0.00	0.00	84.96	3930.58
	07/19/04	4015.54	84.90		0.00	0.00	84.90	3930.64
	07/26/04	4015.54	85.11		0.00	0.00	85.11	3930.43
	08/02/04	4015.54	84.96		0.00	0.00	84.96	3930.58
	08/10/04	4015.54	85.09		0.00	0.00	85.09	3930.45
	08/16/04	4015.54	85.06		0.00	0.00	85.06	3930.48
	08/23/04	4015.54	84.83		0.00	0.00	84.83	3930.71
	08/30/04	4015.54	85.06		0.00	0.00	85.06	3930.48
	09/08/04	4015.54	85.14		0.00	0.00	85.14	3930.40
	10/08/04	4015.54	85.12		0.00	0.00	85.12	3930.42
	12/30/05	4015.54	85.12		0.00	0.00	85.12	3930.42
	01/17/05	4015.54	85.52		0.00	0.00	85.52	3930.02
	02/09/05	4015.54	85.33		0.00	0.00	85.33	3930.21
	03/09/05	4015.54	85.45		0.00	0.00	85.45	3930.09
	04/05/05	4015.54	85.15		0.00	0.00	85.15	3930.39
	05/10/05	4015.54	85.21		0.00	0.00	85.21	3930.33
	06/08/05	4015.54	85.31		0.00	0.00	85.31	3930.23
	07/05/05	4015.54	85.59		0.00	0.00	85.59	3929.95
	08/08/05	4015.54	85.50		0.00	0.00	85.50	3930.04
	09/14/05	4015.54	85.42		0.00	0.00	85.42	3930.12
	10/12/05	4015.54	85.54		0.00	0.00	85.54	3930.00
	11/09/05	4015.54	85.62		0.00	0.00	85.62	3929.92
	12/14/05	4015.54	85.41		0.00	0.00	85.41	3930.13
	01/12/06	4015.54	85.26		0.00	0.00	85.26	3930.28
	02/02/06	4015.54	85.23		0.00	0.00	85.23	3930.31

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-11 cont.	03/07/06	4015.54	85.44		0.00	0.00	85.44	3930.10
	04/05/06	4015.54	85.38		0.00	0.00	85.38	3930.16
	05/08/06	4015.54	85.33		0.00	0.00	85.33	3930.21
	06/05/06	4015.54	85.47		0.00	0.00	85.47	3930.07
	07/11/06	4015.54	85.48		0.00	0.00	85.48	3930.06
	08/16/06	4015.54	85.52		0.00	0.00	85.52	3930.02
	09/07/06	4015.54	85.43		0.00	0.00	85.43	3930.11
	10/11/06	4015.54	85.41		0.00	0.00	85.41	3930.13
	11/08/06	4015.54	85.31		0.00	0.00	85.31	3930.23
	12/04/06	4015.54	85.88		0.00	0.00	85.88	3929.66
	01/04/07	4015.54	85.20		0.00	0.00	85.20	3930.34
	02/27/07	4015.54	85.16		0.00	0.00	85.16	3930.38
	03/20/07	4015.54	85.33		0.00	0.00	85.33	3930.21
	04/17/07	4015.54	85.17		0.00	0.00	85.17	3930.37
	05/07/07	4015.54	85.40		0.00	0.00	85.40	3930.14
	06/27/07	4015.54	85.27		0.00	0.00	85.27	3930.27
	07/19/07	4015.54	85.13		0.00	0.00	85.13	3930.41
	08/21/07	4015.54	85.08		0.00	0.00	85.08	3930.46
	09/17/07	4015.54	85.05		0.00	0.00	85.05	3930.49
	10/16/07	4015.54	84.97		0.00	0.00	84.97	3930.57
	11/20/07	4015.54	85.02		0.00	0.00	85.02	3930.52
	12/21/07	4015.54	84.81		0.00	0.00	84.81	3930.73
MW-12	12/13/01	4022.71	91.43		0.00	0.00	91.43	3931.28
	03/22/02	4022.71	94.38		0.00	0.00	94.38	3928.33
	09/16/02	4022.71	94.51		0.00	0.00	94.51	3928.20
	09/20/02	4022.71	94.31		0.00	0.00	94.31	3928.40
	04/05/04	4022.71	94.59		0.00	0.00	94.59	3928.12
	05/17/04	4022.71	94.60		0.00	0.00	94.60	3928.11
	05/24/04	4022.71	94.51		0.00	0.00	94.51	3928.20
	06/01/04	4022.71	94.53		0.00	0.00	94.53	3928.18
	06/07/04	4022.71	94.45		0.00	0.00	94.45	3928.26
	06/15/04	4022.71	94.56		0.00	0.00	94.56	3928.15
	06/21/04	4022.71	94.57		0.00	0.00	94.57	3928.14
	06/28/04	4022.71	94.84		0.00	0.00	94.84	3927.87
	07/06/04	4022.71	94.70		0.00	0.00	94.70	3928.01
	07/12/04	4022.71	94.80		0.00	0.00	94.80	3927.91
	07/19/04	4022.71	94.74		0.00	0.00	94.74	3927.97
	07/26/04	4022.71	94.92		0.00	0.00	94.92	3927.79
	08/02/04	4022.71	94.77		0.00	0.00	94.77	3927.94
	08/10/04	4022.71	94.88		0.00	0.00	94.88	3927.83
	08/16/04	4022.71	94.86		0.00	0.00	94.86	3927.85
	08/23/04	4022.71	94.60		0.00	0.00	94.60	3928.11
	08/30/04	4022.71	94.82		0.00	0.00	94.82	3927.89
	09/08/04	4022.71	94.89		0.00	0.00	94.89	3927.82
	10/08/04	4022.71	94.83		0.00	0.00	94.83	3927.88
	12/30/05	4022.71	94.72		0.00	0.00	94.72	3927.99
	01/17/05	4022.71	95.06		0.00	0.00	95.06	3927.65
	02/09/05	4022.71	94.94		0.00	0.00	94.94	3927.77
	03/09/05	4022.71	94.92		0.00	0.00	94.92	3927.79
	04/05/05	4022.71	94.58		0.00	0.00	94.58	3928.13
	05/10/05	4022.71	94.61		0.00	0.00	94.61	3928.10
	06/08/05	4022.71	94.58		0.00	0.00	94.58	3928.13
	07/05/05	4022.71	94.84		0.00	0.00	94.84	3927.87
	08/08/05	4022.71	94.78		0.00	0.00	94.78	3927.93
	09/14/05	4022.71	94.71		0.00	0.00	94.71	3928.00
	10/12/05	4022.71	94.82		0.00	0.00	94.82	3927.89
	11/09/05	4022.71	94.92		0.00	0.00	94.92	3927.79
	12/14/05	4022.71	94.70		0.00	0.00	94.70	3928.01
	01/12/06	4022.71	94.50		0.00	0.00	94.50	3928.21
	02/02/06	4022.71	94.58		0.00	0.00	94.58	3928.13
	03/07/06	4022.71	94.76		0.00	0.00	94.76	3927.95
	04/05/06	4022.71	94.67		0.00	0.00	94.67	3928.04

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-12 cont.	05/08/06	4022.71	94.61		0.00	0.00	94.61	3928.10
	06/05/06	4022.71	94.77		0.00	0.00	94.77	3927.94
	07/11/06	4022.71	94.84		0.00	0.00	94.84	3927.87
	08/16/06	4022.71	94.93		0.00	0.00	94.93	3927.78
	09/07/06	4022.71	94.86		0.00	0.00	94.86	3927.85
	10/11/06	4022.71	94.86		0.00	0.00	94.86	3927.85
	11/08/06	4022.71	94.72		0.00	0.00	94.72	3927.99
	12/04/06	4022.71	95.35		0.00	0.00	95.35	3927.36
	01/04/07	4022.71	94.68		0.00	0.00	94.68	3928.03
	02/27/07	4022.71	94.73		0.00	0.00	94.73	3927.98
	03/20/07	4022.71	94.93		0.00	0.00	94.93	3927.78
	04/17/07	4022.71	94.73		0.00	0.00	94.73	3927.98
	05/07/07	4022.71	94.95		0.00	0.00	94.95	3927.76
	06/27/07	4022.71	94.42		0.00	0.00	94.42	3928.29
	07/19/07	4022.71	94.71		0.00	0.00	94.71	3928.00
	08/21/07	4022.71	94.77		0.00	0.00	94.77	3927.94
	09/17/07	4022.71	94.90		0.00	0.00	94.90	3927.81
	10/16/07	4022.71	98.83		0.00	0.00	98.83	3923.88
	11/20/07	4022.71	99.07		0.00	0.00	99.07	3923.64
	12/21/07*	4022.53	98.82		0.00	0.00	98.82	3923.71
MW-13	12/13/01	4031.96	103.76		0.00	0.00	103.76	3928.20
	03/22/02	4031.96	107.18		0.00	0.00	107.18	3924.78
	09/16/02	4031.96	107.58		0.00	0.00	107.58	3924.38
	09/20/02	4031.96	107.48		0.00	0.00	107.48	3924.48
	04/05/04	4031.96	108.04		0.00	0.00	108.04	3923.92
	05/17/04	4031.96	108.06		0.00	0.00	108.06	3923.90
	05/24/04	4031.96	107.97		0.00	0.00	107.97	3923.99
	06/01/04	4031.96	107.97		0.00	0.00	107.97	3923.99
	06/07/04	4031.96	107.89		0.00	0.00	107.89	3924.07
	06/15/04	4031.96	107.99		0.00	0.00	107.99	3923.97
	06/21/04	4031.96	107.98		0.00	0.00	107.98	3923.98
	06/28/04	4031.96	108.29		0.00	0.00	108.29	3923.67
	07/06/04	4031.96	108.12		0.00	0.00	108.12	3923.84
	07/12/04	4031.96	108.22		0.00	0.00	108.22	3923.74
	07/19/04	4031.96	108.16		0.00	0.00	108.16	3923.80
	07/26/04	4031.96	108.34		0.00	0.00	108.34	3923.62
	08/02/04	4031.96	108.17		0.00	0.00	108.17	3923.79
	08/10/04	4031.96	108.29		0.00	0.00	108.29	3923.67
	08/16/04	4031.96	108.27		0.00	0.00	108.27	3923.69
	08/23/04	4031.96	108.01		0.00	0.00	108.01	3923.95
	08/30/04	4031.96	108.24		0.00	0.00	108.24	3923.72
	09/08/04	4031.96	108.31		0.00	0.00	108.31	3923.65
	10/08/04	4031.96	108.23		0.00	0.00	108.23	3923.73
	12/30/05	4031.96	108.12		0.00	0.00	108.12	3923.84
	01/17/05	4031.96	108.49		0.00	0.00	108.49	3923.47
	02/09/05	4031.96	108.38		0.00	0.00	108.38	3923.58
	03/09/05	4031.96	108.44		0.00	0.00	108.44	3923.52
	04/05/05	4031.96	108.04		0.00	0.00	108.04	3923.92
	05/10/05	4031.96	108.09		0.00	0.00	108.09	3923.87
	06/08/05	4031.96	108.18		0.00	0.00	108.18	3923.78
	07/05/05	4031.96	108.47		0.00	0.00	108.47	3923.49
	08/08/05	4031.96	108.37		0.00	0.00	108.37	3923.59
	09/14/05	4031.96	108.28		0.00	0.00	108.28	3923.68
	10/12/05	4031.96	108.42		0.00	0.00	108.42	3923.54
	11/09/05	4031.96	108.51		0.00	0.00	108.51	3923.45
	12/14/05	4031.96	108.31		0.00	0.00	108.31	3923.65
	01/12/06	4031.96	108.16		0.00	0.00	108.16	3923.80
	02/02/06	4031.96	108.17		0.00	0.00	108.17	3923.79
	03/07/06	4031.96	108.33		0.00	0.00	108.33	3923.63
	04/05/06	4031.96	108.22		0.00	0.00	108.22	3923.74
	05/08/06	4031.96	108.18		0.00	0.00	108.18	3923.78
	06/05/06	4031.96	108.30		0.00	0.00	108.30	3923.66

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-13 cont.	07/11/06	4031.96	108.34		0.00	0.00	108.34	3923.62
	08/16/06	4031.96	108.43		0.00	0.00	108.43	3923.53
	09/07/06	4031.96	108.32		0.00	0.00	108.32	3923.64
	10/11/06	4031.96	108.31		0.00	0.00	108.31	3923.65
	11/08/06	4031.96	108.18		0.00	0.00	108.18	3923.78
	12/04/06	4031.96	108.79		0.00	0.00	108.79	3923.17
	01/04/07	4031.96	108.11		0.00	0.00	108.11	3923.85
	02/27/07	4031.96	108.16		0.00	0.00	108.16	3923.80
	03/20/07	4031.96	108.37		0.00	0.00	108.37	3923.59
	04/17/07	4031.96	108.13		0.00	0.00	108.13	3923.83
	05/07/07	4031.96	108.37		0.00	0.00	108.37	3923.59
	06/27/07	4031.96	108.23		0.00	0.00	108.23	3923.73
	07/19/07	4031.96	108.13		0.00	0.00	108.13	3923.83
	08/21/07	4031.96	108.10		0.00	0.00	108.10	3923.86
	09/17/07	4031.96	108.08		0.00	0.00	108.08	3923.88
	10/16/07	4031.96	108.03		0.00	0.00	108.03	3923.93
	11/20/07	4031.96	108.11		0.00	0.00	108.11	3923.85
	12/21/07	4031.96	107.92		0.00	0.00	107.92	3924.04
MW-14	12/13/01	4006.98	74.67		0.00	0.00	74.67	3932.31
	03/22/02	4006.98	74.67		0.00	0.00	74.67	3932.31
	09/16/02	4006.98	74.56		0.00	0.00	74.56	3932.42
	09/20/02	4006.98	74.40		0.00	0.00	74.40	3932.58
	04/05/04	4006.98	75.20		0.00	0.00	75.20	3931.78
	05/17/04	4006.98	75.25		0.00	0.00	75.25	3931.73
	05/24/04	4006.98	75.17		0.00	0.00	75.17	3931.81
	06/01/04	4006.98	75.18		0.00	0.00	75.18	3931.80
	06/07/04	4006.98	75.12		0.00	0.00	75.12	3931.86
	06/15/04	4006.98	75.23		0.00	0.00	75.23	3931.75
	06/21/04	4006.98	75.24		0.00	0.00	75.24	3931.74
	06/28/04	4006.98	75.55		0.00	0.00	75.55	3931.43
	07/06/04	4006.98	75.37		0.00	0.00	75.37	3931.61
	07/12/04	4006.98	75.49		0.00	0.00	75.49	3931.49
	07/19/04	4006.98	75.43		0.00	0.00	75.43	3931.55
	07/26/04	4006.98	75.64		0.00	0.00	75.64	3931.34
	08/02/04	4006.98	75.49		0.00	0.00	75.49	3931.49
	08/10/04	4006.98	75.62		0.00	0.00	75.62	3931.36
	08/16/04	4006.98	75.59		0.00	0.00	75.59	3931.39
	08/23/04	4006.98	75.32		0.00	0.00	75.32	3931.66
	08/30/04	4006.98	75.57		0.00	0.00	75.57	3931.41
	09/08/04	4006.98	75.65		0.00	0.00	75.65	3931.33
	10/08/04	4006.98	75.61		0.00	0.00	75.61	3931.37
	12/30/05	4006.98	75.45		0.00	0.00	75.45	3931.53
	01/17/05	4006.98	75.74		0.00	0.00	75.74	3931.24
	02/09/05	4006.98	75.46		0.00	0.00	75.46	3931.52
	03/09/05	4006.98	75.37		0.00	0.00	75.37	3931.61
	04/05/05	4006.98	74.84		0.00	0.00	74.84	3932.14
	05/10/05	4006.98	74.72		0.00	0.00	74.72	3932.26
	06/08/05	4006.98	74.71		0.00	0.00	74.71	3932.27
	07/05/05	4006.98	74.93		0.00	0.00	74.93	3932.05
	08/08/05	4006.98	74.78		0.00	0.00	74.78	3932.20
	09/14/05	4006.98	74.62		0.00	0.00	74.62	3932.36
	10/12/05	4006.98	74.69		0.00	0.00	74.69	3932.29
	11/09/05	4006.98	74.69		0.00	0.00	74.69	3932.29
	12/14/05	4006.98	74.29		0.00	0.00	74.29	3932.69
	01/12/06	4006.98	74.01		0.00	0.00	74.01	3932.97
	02/02/06	4006.98	73.91		0.00	0.00	73.91	3933.07
	03/07/06	4006.98	73.97		0.00	0.00	73.97	3933.01
	04/05/06	4006.98	73.80		0.00	0.00	73.80	3933.18
	05/08/06	4006.98	73.69		0.00	0.00	73.69	3933.29
	06/05/06	4006.98	73.78		0.00	0.00	73.78	3933.20
	07/11/06	4006.98	73.83		0.00	0.00	73.83	3933.15
	08/16/06	4006.98	73.94		0.00	0.00	73.94	3933.04

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-14 cont.	09/07/06	4006.98	72.93		0.00	0.00	72.93	3934.05
	10/11/06	4006.98	73.95		0.00	0.00	73.95	3933.03
	11/08/06	4006.98	73.88		0.00	0.00	73.88	3933.10
	12/04/06	4006.98	74.53		0.00	0.00	74.53	3932.45
	01/04/07	4006.98	73.79		0.00	0.00	73.79	3933.19
	02/27/07	4006.98	73.73		0.00	0.00	73.73	3933.25
	03/20/07	4006.98	73.90		0.00	0.00	73.90	3933.08
	04/17/07	4006.98	73.68		0.00	0.00	73.68	3933.30
	05/07/07	4006.98	73.88		0.00	0.00	73.88	3933.10
	06/27/07	4006.98	73.80		0.00	0.00	73.80	3933.18
	07/19/07	4006.98	73.69		0.00	0.00	73.69	3933.29
	08/21/07	4006.98	73.61		0.00	0.00	73.61	3933.37
	09/17/07	4006.98	73.54		0.00	0.00	73.54	3933.44
	10/16/07	4006.98	73.39		0.00	0.00	73.39	3933.59
	11/20/07	4006.98	73.34		0.00	0.00	73.34	3933.64
	12/21/07	4006.98	73.05		0.00	0.00	73.05	3933.93
MW-15	09/20/02	4026.75	118.93		0.00	0.00	118.93	3907.82
	04/05/04	4026.75	119.65		0.00	0.00	119.65	3907.10
	05/17/04	4026.75	119.56		0.00	0.00	119.56	3907.19
	05/24/04	4026.75	119.63		0.00	0.00	119.63	3907.12
	06/01/04	4026.75	119.62		0.00	0.00	119.62	3907.13
	06/07/04	4026.75	119.63		0.00	0.00	119.63	3907.12
	06/15/04	4026.75	119.66		0.00	0.00	119.66	3907.09
	06/21/04	4026.75	119.69		0.00	0.00	119.69	3907.06
	06/28/04	4026.75	119.78		0.00	0.00	119.78	3906.97
	07/06/04	4026.75	119.77		0.00	0.00	119.77	3906.98
	07/12/04	4026.75	119.79		0.00	0.00	119.79	3906.96
	07/19/04	4026.75	119.80		0.00	0.00	119.80	3906.95
	07/26/04	4026.75	119.86		0.00	0.00	119.86	3906.89
	08/02/04	4026.75	119.83		0.00	0.00	119.83	3906.92
	08/10/04	4026.75	119.87		0.00	0.00	119.87	3906.88
	08/16/04	4026.75	119.88		0.00	0.00	119.88	3906.87
	08/23/04	4026.75	119.82		0.00	0.00	119.82	3906.93
	08/30/04	4026.75	119.88		0.00	0.00	119.88	3906.87
	09/08/04	4026.75	119.92		0.00	0.00	119.92	3906.83
	10/08/04	4026.75	119.94		0.00	0.00	119.94	3906.81
	12/30/05	4026.75	120.03		0.00	0.00	120.03	3906.72
	01/17/05	4026.75	120.12		0.00	0.00	120.12	3906.63
	02/09/05	4026.75	120.12		0.00	0.00	120.12	3906.63
	03/09/05	4026.75	120.14		0.00	0.00	120.14	3906.61
	04/05/05	4026.75	120.05		0.00	0.00	120.05	3906.70
	05/10/05	4026.75	120.11		0.00	0.00	120.11	3906.64
	06/08/05	4026.75	120.14		0.00	0.00	120.14	3906.61
	07/05/05	4026.75	120.24		0.00	0.00	120.24	3906.51
	08/08/05	4026.75	120.33		0.00	0.00	120.33	3906.42
	09/14/05	4026.75	120.33		0.00	0.00	120.33	3906.42
	10/12/05	4026.75	120.37		0.00	0.00	120.37	3906.38
	11/09/05	4026.75	120.42		0.00	0.00	120.42	3906.33
	12/14/05	4026.75	120.43		0.00	0.00	120.43	3906.32
	01/12/06	4026.75	120.42		0.00	0.00	120.42	3906.33
	02/02/06	4026.75	120.43		0.00	0.00	120.43	3906.32
	03/07/06	4026.75	120.50		0.00	0.00	120.50	3906.25
	04/05/06	4026.75	120.48		0.00	0.00	120.48	3906.27
	05/08/06	4026.75	120.45		0.00	0.00	120.45	3906.30
	06/05/06	4026.75	120.54		0.00	0.00	120.54	3906.21
	07/11/06	4026.75	120.65		0.00	0.00	120.65	3906.10
	08/16/06	4026.75	120.68		0.00	0.00	120.68	3906.07
	09/07/06	4026.75	120.71		0.00	0.00	120.71	3906.04
	10/11/06	4026.75	120.75		0.00	0.00	120.75	3906.00
	11/08/06	4026.75	120.76		0.00	0.00	120.76	3905.99
	12/04/06	4026.75	120.76		0.00	0.00	120.76	3905.99
	01/04/07	4026.75	120.80		0.00	0.00	120.80	3905.95

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-15 cont.	02/27/07	4026.75	120.83		0.00	0.00	120.83	3905.92
	03/20/07	4026.75	120.90		0.00	0.00	120.90	3905.85
	04/17/07	4026.75	120.86		0.00	0.00	120.86	3905.89
	05/07/07	4026.75	120.88		0.00	0.00	120.88	3905.87
	06/27/07	4026.75	120.81		0.00	0.00	120.81	3905.94
	07/19/07	4026.75	120.88		0.00	0.00	120.88	3905.87
	08/21/07	4026.75	120.88		0.00	0.00	120.88	3905.87
	09/17/07	4026.75	120.93		0.00	0.00	120.93	3905.82
	10/16/07	4026.75	120.95		0.00	0.00	120.95	3905.80
	11/20/07	4026.75	121.06		0.00	0.00	121.06	3905.69
	12/21/07	4026.75	121.08		0.00	0.00	121.08	3905.67
MW-16	09/20/02	4017.74	113.50		0.00	0.00	113.50	3904.24
	04/05/04	4017.74	113.88		0.00	0.00	113.88	3903.86
	05/17/04	4017.74	113.92		0.00	0.00	113.92	3903.82
	05/24/04	4017.74	113.83		0.00	0.00	113.83	3903.91
	06/01/04	4017.74	113.89		0.00	0.00	113.89	3903.85
	06/07/04	4017.74	113.80		0.00	0.00	113.80	3903.94
	06/15/04	4017.74	113.88		0.00	0.00	113.88	3903.86
	06/21/04	4017.74	113.90		0.00	0.00	113.90	3903.84
	06/28/04	4017.74	114.18		0.00	0.00	114.18	3903.56
	07/06/04	4017.74	114.01		0.00	0.00	114.01	3903.73
	07/12/04	4017.74	114.13		0.00	0.00	114.13	3903.61
	07/19/04	4017.74	114.06		0.00	0.00	114.06	3903.68
	07/26/04	4017.74	114.22		0.00	0.00	114.22	3903.52
	08/02/04	4017.74	114.07		0.00	0.00	114.07	3903.67
	08/10/04	4017.74	114.21		0.00	0.00	114.21	3903.53
	08/16/04	4017.74	114.08		0.00	0.00	114.08	3903.66
	08/23/04	4017.74	113.97		0.00	0.00	113.97	3903.77
	08/30/04	4017.74	114.13		0.00	0.00	114.13	3903.61
	09/08/04	4017.74	114.21		0.00	0.00	114.21	3903.53
	10/08/04	4017.74	114.15		0.00	0.00	114.15	3903.59
	12/30/04	4017.74	114.03		0.00	0.00	114.03	3903.71
	01/17/05	4017.74	114.39		0.00	0.00	114.39	3903.35
	02/09/05	4017.74	114.26		0.00	0.00	114.26	3903.48
	03/09/05	4017.74	114.29		0.00	0.00	114.29	3903.45
	04/05/05	4017.74	113.94		0.00	0.00	113.94	3903.80
	05/10/05	4017.74	114.01		0.00	0.00	114.01	3903.73
	06/08/05	4017.74	114.10		0.00	0.00	114.10	3903.64
	07/05/05	4017.74	114.40		0.00	0.00	114.40	3903.34
	08/08/05	4017.74	114.33		0.00	0.00	114.33	3903.41
	09/14/05	4017.74	114.24		0.00	0.00	114.24	3903.50
	10/12/05	4017.74	114.38		0.00	0.00	114.38	3903.36
	11/09/05	4017.74	114.48		0.00	0.00	114.48	3903.26
	12/14/05	4017.74	114.27		0.00	0.00	114.27	3903.47
	01/12/06	4017.74	114.17		0.00	0.00	114.17	3903.57
	02/02/06	4017.74	114.17		0.00	0.00	114.17	3903.57
	03/07/06	4017.74	114.36		0.00	0.00	114.36	3903.38
	04/05/06	4017.74	114.28		0.00	0.00	114.28	3903.46
	05/08/06	4017.74	114.25		0.00	0.00	114.25	3903.49
	06/05/06	4017.74	114.38		0.00	0.00	114.38	3903.36
	07/11/06	4017.74	114.47		0.00	0.00	114.47	3903.27
	08/16/06	4017.74	114.58		0.00	0.00	114.58	3903.16
	09/07/06	4017.74	114.49		0.00	0.00	114.49	3903.25
	10/11/06	4017.74	114.51		0.00	0.00	114.51	3903.23
	11/08/06	4017.74	114.40		0.00	0.00	114.40	3903.34
	12/04/06	4017.74	115.00		0.00	0.00	115.00	3902.74
	01/04/07	4017.74	114.38		0.00	0.00	114.38	3903.36
	02/27/07	4017.74	114.41		0.00	0.00	114.41	3903.33
	03/20/07	4017.74	114.67		0.00	0.00	114.67	3903.07
	04/17/07	4017.74	114.47		0.00	0.00	114.47	3903.27
	05/07/07	4017.74	114.71		0.00	0.00	114.71	3903.03
	06/27/07	4017.74	114.65		0.00	0.00	114.65	3903.09

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-16 cont.	07/19/07	4017.74	114.58		0.00	0.00	114.58	3903.16
	08/21/07	4017.74	114.56		0.00	0.00	114.56	3903.18
	09/17/07	4017.74	114.57		0.00	0.00	114.57	3903.17
	10/16/07	4017.74	114.51		0.00	0.00	114.51	3903.23
	11/20/07	4017.74	114.63		0.00	0.00	114.63	3903.11
	12/21/07	4017.74	114.46		0.00	0.00	114.46	3903.28
MW-17	09/20/02	3998.58	97.36		0.00	0.00	97.36	3901.22
	04/05/04	3998.58	97.28		0.00	0.00	97.28	3901.30
	05/17/04	3998.58	97.37		0.00	0.00	97.37	3901.21
	05/24/04	3998.58	97.35		0.00	0.00	97.35	3901.23
	06/01/04	3998.58	97.33		0.00	0.00	97.33	3901.25
	06/07/04	3998.58	97.41		0.00	0.00	97.41	3901.17
	06/15/04	3998.58	97.39		0.00	0.00	97.39	3901.19
	06/21/04	3998.58	97.41		0.00	0.00	97.41	3901.17
	06/28/04	3998.58	97.51		0.00	0.00	97.51	3901.07
	07/06/04	3998.58	97.45		0.00	0.00	97.45	3901.13
	07/12/04	3998.58	97.53		0.00	0.00	97.53	3901.05
	07/19/04	3998.58	97.49		0.00	0.00	97.49	3901.09
	07/26/04	3998.58	97.55		0.00	0.00	97.55	3901.03
	08/02/04	3998.58	97.51		0.00	0.00	97.51	3901.07
	08/10/04	3998.58	97.55		0.00	0.00	97.55	3901.03
	08/16/04	3998.58	97.56		0.00	0.00	97.56	3901.02
	08/23/04	3998.58	97.49		0.00	0.00	97.49	3901.09
	08/30/04	3998.58	97.53		0.00	0.00	97.53	3901.05
	09/08/04	3998.58	97.56		0.00	0.00	97.56	3901.02
	10/08/04	3998.58	97.58		0.00	0.00	97.58	3901.00
	12/30/05	3998.58	97.61		0.00	0.00	97.61	3900.97
	01/17/05	3998.58	97.72		0.00	0.00	97.72	3900.86
	02/09/05	3998.58	97.63		0.00	0.00	97.63	3900.95
	03/09/05	3998.58	97.68		0.00	0.00	97.68	3900.90
	04/05/05	3998.58	97.32		0.00	0.00	97.32	3901.26
	05/10/05	3998.58	97.41		0.00	0.00	97.41	3901.17
	06/08/05	3998.58	97.59		0.00	0.00	97.59	3900.99
	07/05/05	3998.58	97.68		0.00	0.00	97.68	3900.90
	08/08/05	3998.58	97.70		0.00	0.00	97.70	3900.88
	09/14/05	3998.58	96.62		0.00	0.00	96.62	3901.96
	10/12/05	3998.58	97.76		0.00	0.00	97.76	3900.82
	11/09/05	3998.58	97.79		0.00	0.00	97.79	3900.79
	12/14/05	3998.58	97.66		0.00	0.00	97.66	3900.92
	01/12/06	3998.58	97.77		0.00	0.00	97.77	3900.81
	02/02/06	3998.58	97.50		0.00	0.00	97.50	3901.08
	03/07/06	3998.58	97.79		0.00	0.00	97.79	3900.79
	04/05/06	3998.58	97.53		0.00	0.00	97.53	3901.05
	05/08/06	3998.58	97.59		0.00	0.00	97.59	3900.99
	06/05/06	3998.58	97.74		0.00	0.00	97.74	3900.84
	07/11/06	3998.58	97.83		0.00	0.00	97.83	3900.75
	08/16/06	3998.58	98.87		0.00	0.00	98.87	3899.71
	09/07/06	3998.58	97.88		0.00	0.00	97.88	3900.70
	10/11/06	3998.58	97.83		0.00	0.00	97.83	3900.75
	11/08/06	3998.58	97.95		0.00	0.00	97.95	3900.63
	12/04/06	3998.58	98.25		0.00	0.00	98.25	3900.33
	01/04/07	3998.58	97.77		0.00	0.00	97.77	3900.81
	02/27/07	3998.58	97.76		0.00	0.00	97.76	3900.82
	03/20/07	3998.58	97.94		0.00	0.00	97.94	3900.64
	04/17/07	3998.58	97.85		0.00	0.00	97.85	3900.73
	05/07/07	3998.58	97.98		0.00	0.00	97.98	3900.60
	06/27/07	3998.58	97.86		0.00	0.00	97.86	3900.72
	07/19/07	3998.58	97.88		0.00	0.00	97.88	3900.70
	08/21/07	3998.58	97.81		0.00	0.00	97.81	3900.77
	09/17/07	3998.58	97.90		0.00	0.00	97.90	3900.68
	10/16/07	3998.58	97.91		0.00	0.00	97.91	3900.67
	11/20/07	3998.58	97.94		0.00	0.00	97.94	3900.64
	12/21/07	3998.58	98.05		0.00	0.00	98.05	3900.53

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-18	09/20/02	3980.46	86.62		0.00	0.00	86.62	3893.84
	04/05/04	3980.46	86.61		0.00	0.00	86.61	3893.85
	05/17/04	3980.46	86.63		0.00	0.00	86.63	3893.83
	05/24/04	3980.46	86.58		0.00	0.00	86.58	3893.88
	06/01/04	3980.46	86.57		0.00	0.00	86.57	3893.89
	06/07/04	3980.46	86.50		0.00	0.00	86.50	3893.96
	06/15/04	3980.46	86.59		0.00	0.00	86.59	3893.87
	06/21/04	3980.46	86.60		0.00	0.00	86.60	3893.86
	06/28/04	3980.46	86.79		0.00	0.00	86.79	3893.67
	07/06/04	3980.46	86.74		0.00	0.00	86.74	3893.72
	07/12/04	3980.46	86.77		0.00	0.00	86.77	3893.69
	07/19/04	3980.46	86.76		0.00	0.00	86.76	3893.70
	07/26/04	3980.46	86.91		0.00	0.00	86.91	3893.55
	08/02/04	3980.46	86.81		0.00	0.00	86.81	3893.65
	08/10/04	3980.46	86.93		0.00	0.00	86.93	3893.53
	08/16/04	3980.46	86.90		0.00	0.00	86.90	3893.56
	08/23/04	3980.46	86.63		0.00	0.00	86.63	3893.83
	08/30/04	3980.46	86.86		0.00	0.00	86.86	3893.60
	09/08/04	3980.46	86.92		0.00	0.00	86.92	3893.54
	10/08/04	3980.46	86.87		0.00	0.00	86.87	3893.59
	12/30/05	3980.46	86.74		0.00	0.00	86.74	3893.72
	01/17/05	3980.46	87.09		0.00	0.00	87.09	3893.37
	02/09/05	3980.46	86.97		0.00	0.00	86.97	3893.49
	03/09/05	3980.46	86.98		0.00	0.00	86.98	3893.48
	04/05/05	3980.46	86.64		0.00	0.00	86.64	3893.82
	05/10/05	3980.46	86.68		0.00	0.00	86.68	3893.78
	06/08/05	3980.46	86.75		0.00	0.00	86.75	3893.71
	07/05/05	3980.46	87.03		0.00	0.00	87.03	3893.43
	08/08/05	3980.46	86.97		0.00	0.00	86.97	3893.49
	09/14/05	3980.46	86.89		0.00	0.00	86.89	3893.57
	10/12/05	3980.46	87.03		0.00	0.00	87.03	3893.43
	11/09/05	3980.46	87.13		0.00	0.00	87.13	3893.33
	12/14/05	3980.46	86.93		0.00	0.00	86.93	3893.53
	01/12/06	3980.46	86.79		0.00	0.00	86.79	3893.67
	02/02/06	3980.46	86.80		0.00	0.00	86.80	3893.66
	03/07/06	3980.46	86.98		0.00	0.00	86.98	3893.48
	04/05/06	3980.46	86.91		0.00	0.00	86.91	3893.55
	05/08/06	3980.46	86.86		0.00	0.00	86.86	3893.60
	06/05/06	3980.46	87.00		0.00	0.00	87.00	3893.46
	07/11/06	3980.46	87.08		0.00	0.00	87.08	3893.38
	08/16/06	3980.46	87.19		0.00	0.00	87.19	3893.27
	09/07/06	3980.46	87.13		0.00	0.00	87.13	3893.33
	10/11/06	3980.46	87.14		0.00	0.00	87.14	3893.32
	11/08/06	3980.46	87.06		0.00	0.00	87.06	3893.40
	12/04/06	3980.46	87.66		0.00	0.00	87.66	3892.80
	01/04/07	3980.46	87.13		0.00	0.00	87.13	3893.33
	02/27/07	3980.46	87.05		0.00	0.00	87.05	3893.41
	03/20/07	3980.46	87.31		0.00	0.00	87.31	3893.15
	04/17/07	3980.46	87.12		0.00	0.00	87.12	3893.34
	05/07/07	3980.46	87.36		0.00	0.00	87.36	3893.10
	06/17/07	3980.46	87.29		0.00	0.00	87.29	3893.17
	07/19/07	3980.46	87.21		0.00	0.00	87.21	3893.25
	08/21/07	3980.46	87.19		0.00	0.00	87.19	3893.27
	09/17/07	3980.46	87.22		0.00	0.00	87.22	3893.24
	10/16/07	3980.46	87.17		0.00	0.00	87.17	3893.29
	11/20/07	3980.46	87.23		0.00	0.00	87.23	3893.23
	12/21/07	3980.46	87.07		0.00	0.00	87.07	3893.39

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-19	09/20/02	4037.34	117.23		0.00	0.00	116.67	3920.67
	04/05/04	4037.34	116.67		0.00	0.00	116.67	3920.67
	05/17/04	4037.34	116.62		0.00	0.00	116.62	3920.72
	05/24/04	4037.34	116.59		0.00	0.00	116.59	3920.75
	06/01/04	4037.34	116.57		0.00	0.00	116.57	3920.77
	06/07/04	4037.34	116.59		0.00	0.00	116.59	3920.75
	06/15/04	4037.34	116.53		0.00	0.00	116.53	3920.81
	06/21/04	4037.34	116.63		0.00	0.00	116.63	3920.71
	06/28/04	4037.34	116.68		0.00	0.00	116.68	3920.66
	07/06/04	4037.34	116.65		0.00	0.00	116.65	3920.69
	07/12/04	4037.34	116.66		0.00	0.00	116.66	3920.68
	07/19/04	4037.34	116.68		0.00	0.00	116.68	3920.66
	07/26/04	4037.34	116.73		0.00	0.00	116.73	3920.61
	08/02/04	4037.34	116.71		0.00	0.00	116.71	3920.63
	08/10/04	4037.34	116.71		0.00	0.00	116.71	3920.63
	08/16/04	4037.34	116.74		0.00	0.00	116.74	3920.60
	08/23/04	4037.34	116.69		0.00	0.00	116.69	3920.65
	08/30/04	4037.34	116.69		0.00	0.00	116.69	3920.65
	09/08/04	4037.34	116.73		0.00	0.00	116.73	3920.61
	10/08/04	4037.34	116.78		0.00	0.00	116.78	3920.56
	12/30/05	4037.34	116.76		0.00	0.00	116.76	3920.58
	01/17/05	4037.34	116.78		0.00	0.00	116.78	3920.56
	02/09/05	4037.34	116.76		0.00	0.00	116.76	3920.58
	03/09/05	4037.34	116.70		0.00	0.00	116.70	3920.64
	04/05/05	4037.34	116.64		0.00	0.00	116.64	3920.70
	05/10/05	4037.34	116.63		0.00	0.00	116.63	3920.71
	06/08/05	4037.34	116.57		0.00	0.00	116.57	3920.77
	07/05/05	4037.34	116.64		0.00	0.00	116.64	3920.70
	08/08/05	4037.34	116.77		0.00	0.00	116.77	3920.57
	09/15/05	4037.34	116.71		0.00	0.00	116.71	3920.63
	10/12/05	4037.34	116.70		0.00	0.00	116.70	3920.64
	11/09/05	4037.34	116.74		0.00	0.00	116.74	3920.60
	12/14/05	4037.34	116.74		0.00	0.00	116.74	3920.60
	01/12/06	4037.34	116.73		0.00	0.00	116.73	3920.61
	02/02/06	4037.34	116.70		0.00	0.00	116.70	3920.64
	03/07/06	4037.34	116.72		0.00	0.00	116.72	3920.62
	04/05/06	4037.34	116.68		0.00	0.00	116.68	3920.66
	05/08/06	4037.34	116.61		0.00	0.00	116.61	3920.73
	06/05/06	4037.34	116.66		0.00	0.00	116.66	3920.68
	07/11/06	4037.34	116.73		0.00	0.00	116.73	3920.61
	08/16/06	4037.34	116.74		0.00	0.00	116.74	3920.60
	09/07/06	4037.34	116.74		0.00	0.00	116.74	3920.60
	10/11/06	4037.34	116.80		0.00	0.00	116.80	3920.54
	11/08/06	4037.34	116.79		0.00	0.00	116.79	3920.55
	12/04/06	4037.34	116.90		0.00	0.00	116.90	3920.44
	01/04/07	4037.34	116.65		0.00	0.00	116.65	3920.69
	02/27/07	4037.34	116.71		0.00	0.00	116.71	3920.63
	03/20/07	4037.34	116.76		0.00	0.00	116.76	3920.58
	04/17/07	4037.34	116.61		0.00	0.00	116.61	3920.73
	05/07/07	4037.34	116.66		0.00	0.00	116.66	3920.68
	06/27/07	4037.34	116.59		0.00	0.00	116.59	3920.75
	07/19/07	4037.34	116.65		0.00	0.00	116.65	3920.69
	08/21/07	4037.34	116.63		0.00	0.00	116.63	3920.71
	09/17/07	4037.34	116.70		0.00	0.00	116.70	3920.64
	10/16/07	4037.34	116.66		0.00	0.00	116.66	3920.68
	11/20/07	4037.34	116.78		0.00	0.00	116.78	3920.56
	12/21/07	4037.34	116.64		0.00	0.00	116.64	3920.70

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-20	09/20/02	3976.92	75.90		0.00	0.00	75.90	3901.02
	04/05/04	3976.92	76.13		0.00	0.00	76.13	3900.79
	05/17/04	3976.92	76.16		0.00	0.00	76.16	3900.76
	05/24/04	3976.92	76.11		0.00	0.00	76.11	3900.81
	06/01/04	3976.92	76.14		0.00	0.00	76.14	3900.78
	06/07/04	3976.92	76.10		0.00	0.00	76.10	3900.82
	06/15/04	3976.92	76.17		0.00	0.00	76.17	3900.75
	06/21/04	3976.92	76.15		0.00	0.00	76.15	3900.77
	06/28/04	3976.92	76.36		0.00	0.00	76.36	3900.56
	07/06/04	3976.92	76.24		0.00	0.00	76.24	3900.68
	07/12/04	3976.92	76.31		0.00	0.00	76.31	3900.61
	07/19/04	3976.92	76.26		0.00	0.00	76.26	3900.66
	07/26/04	3976.92	76.41		0.00	0.00	76.41	3900.51
	08/02/04	3976.92	76.28		0.00	0.00	76.28	3900.64
	08/10/04	3976.92	76.37		0.00	0.00	76.37	3900.55
	08/16/04	3976.92	76.32		0.00	0.00	76.32	3900.60
	08/23/04	3976.92	76.13		0.00	0.00	76.13	3900.79
	08/30/04	3976.92	76.30		0.00	0.00	76.30	3900.62
	09/08/04	3976.92	76.02		0.00	0.00	76.02	3900.90
	10/08/04	3976.92	74.45		0.00	0.00	74.45	3902.47
	12/30/05	3976.92	73.18		0.00	0.00	73.18	3903.74
	01/17/05	3976.92	73.89		0.00	0.00	73.89	3903.03
	02/09/05	3976.92	74.27		0.00	0.00	74.27	3902.65
	03/09/05	3976.92	74.86		0.00	0.00	74.86	3902.06
	04/05/05	3976.92	75.03		0.00	0.00	75.03	3901.89
	05/10/05	3976.92	75.28		0.00	0.00	75.28	3901.64
	06/08/05	3976.92	75.48		0.00	0.00	75.48	3901.44
	07/05/05	3976.92	75.58		0.00	0.00	75.58	3901.34
	08/08/05	3976.92	75.82		0.00	0.00	75.82	3901.10
	09/14/05	3976.92	74.48		0.00	0.00	74.48	3902.44
	10/12/05	3976.92	73.79		0.00	0.00	73.79	3903.13
	11/09/05	3976.92	74.19		0.00	0.00	74.19	3902.73
	12/14/05	3976.92	75.01		0.00	0.00	75.01	3901.91
	01/12/06	3976.92	75.47		0.00	0.00	75.47	3901.45
	02/02/06	3976.92	75.50		0.00	0.00	75.50	3901.42
	03/07/06	3976.92	75.75		0.00	0.00	75.75	3901.17
	04/05/06	3976.92	75.88		0.00	0.00	75.88	3901.04
	05/08/06	3976.92	75.89		0.00	0.00	75.89	3901.03
	06/05/06	3976.92	77.15		0.00	0.00	77.15	3899.77
	07/11/06	3976.92	76.18		0.00	0.00	76.18	3900.74
	08/16/06	3976.92	76.12		0.00	0.00	76.12	3900.80
	09/07/06	3976.92	76.26		0.00	0.00	76.26	3900.66
	06/27/07	± 3976.92	12.45		0.00	0.00	12.45	
	07/19/07	± 3976.92	79.91		0.00	0.00	79.91	
	08/21/07	± 3976.92	76.44		0.00	0.00	76.44	
	09/17/07	± 3976.92	76.58		0.00	0.00	76.58	
	10/16/07	± 3976.92	76.52		0.00	0.00	76.52	
	11/20/07	± 3976.92	76.60		0.00	0.00	76.60	
	12/21/07*	3977.52	76.48		0.00	0.00	76.48	3901.04
SK-1	03/22/02	4002.94	74.07	74.02	0.05	0.04	74.03	3928.91
	09/16/02	4002.94	74.40	74.38	0.02	0.02	74.38	3928.56
	04/05/04	4002.94	76.81	74.30	2.51	2.01	74.80	3928.14
	05/17/04	4002.94	80.67	78.17	2.50	2.00	78.67	3924.27
	06/21/04	4002.94	84.37	81.68	2.69	2.15	82.22	3920.72
	06/21/04	4002.94	80.95	78.28	2.67	2.14	78.81	3924.13
	06/07/04	4002.94	80.72	78.04	2.68	2.14	78.58	3924.36
	06/15/04	4002.94	80.69	78.03	2.66	2.13	78.56	3924.38
	06/21/04	4002.94	80.86	78.18	2.68	2.14	78.72	3924.22
	06/28/04	4002.94	80.95	78.30	2.65	2.12	78.83	3924.11
	07/06/04	4002.94	79.99	78.34	1.65	1.32	78.67	3924.27
	07/12/04	4002.94	81.03	78.38	2.65	2.12	78.91	3924.03
	07/19/04	4002.94	81.16	78.38	2.78	2.22	78.94	3924.00

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
SK-1 cont.	07/26/04	4002.94	81.41	78.56	2.85	2.28	79.13	3923.81
	08/02/04	4002.94	81.73	78.46	3.27	2.62	79.11	3923.83
	08/10/04	4002.94	82.15	77.99	4.16	3.33	78.82	3924.12
	08/16/04	4002.94	82.84	77.77	5.07	4.06	78.78	3924.16
	08/23/04	4002.94	83.75	77.61	6.14	4.91	78.84	3924.10
	08/30/04	4002.94	84.42	77.41	7.01	5.61	78.81	3924.13
	09/08/04	4002.94	85.19	77.00	8.19	6.55	78.64	3924.30
	10/08/04	4002.94	86.99	76.24	10.75	8.60	78.39	3924.55
	12/30/05	4002.94	85.50	76.35	9.15	7.32	78.18	3924.76
	01/17/05	4002.94	82.03	76.16	5.87	4.70	77.33	3925.61
	02/09/05	4002.94	84.30	76.99	7.31	5.85	78.45	3924.49
	03/09/05	4002.94	84.20	76.83	7.37	5.90	78.30	3924.64
	04/05/05	4002.94	84.18	76.56	7.62	6.10	78.08	3924.86
	05/10/05	4002.94	84.08	76.42	7.66	6.13	77.95	3924.99
	06/08/05	4002.94	82.13	77.20	4.93	3.94	78.19	3924.75
	07/05/05	4002.94	82.29	77.27	5.02	4.02	78.27	3924.67
	08/08/05	4002.94	82.73	76.89	5.84	4.67	78.06	3924.88
	09/14/05	4002.94	79.55	75.51	4.04	3.23	76.32	3926.62
	10/12/05	4002.94	78.91	75.49	3.42	2.74	76.17	3926.77
	11/09/05	4002.94	78.76	75.44	3.32	2.66	76.10	3926.84
	12/14/05	4002.94	79.87	75.41	4.46	3.57	76.30	3926.64
	01/12/06	4002.94	78.57	75.72	2.85	2.28	76.29	3926.65
	02/02/06	4002.94	79.51	77.03	2.48	1.98	77.53	3925.41
	03/07/06	4002.94	82.32	77.57	4.75	3.80	78.52	3924.42
	04/05/06	4002.94	79.47	79.43	0.04	0.03	79.44	3923.50
	05/08/06	4002.94	78.33	78.01	0.32	0.26	78.07	3924.87
	06/05/06	4002.94	78.61	78.60	0.01	0.01	78.60	3924.34
	07/11/06	4002.94	78.28	77.64	0.64	0.51	77.77	3925.17
	08/16/06	4002.94	76.67	76.14	0.53	0.42	76.25	3926.69
	08/30/06	4002.94	76.56	76.04	0.52	0.42	76.14	3926.80
	09/07/06	4002.94	77.87	77.33	0.54	0.43	77.44	3925.50
	10/11/06	4002.94	78.24	77.66	0.58	0.46	77.78	3925.16
	11/08/06	4002.94	77.92	77.92	0.00	0.00	77.92	3925.02
	12/04/06	4002.94	78.43	78.43	0.00	0.00	78.43	3924.51
	01/04/07	4002.94	77.76	77.75	0.01	0.01	77.75	3925.19
	02/27/07	4002.94	77.15	77.14	0.01	0.01	77.14	3925.80
	03/20/07	4002.94	80.27	80.24	0.03	0.02	80.25	3922.69
	04/17/07	4002.94	80.48	80.44	0.04	0.03	80.45	3922.49
	05/07/07	4002.94	78.17	78.12	0.05	0.04	78.13	3924.81
	06/27/07	4002.94	77.88	77.79	0.09	0.07	77.81	3925.13
	07/19/07	4002.94	77.73	77.65	0.08	0.06	77.67	3925.27
	08/21/07	4002.94	77.69	77.61	0.08	0.06	77.63	3925.31
	09/17/07	4002.94	77.60	77.52	0.08	0.06	77.54	3925.40
	10/16/07	4002.94	77.46	77.43	0.03	0.02	77.44	3925.50
	11/20/07	4002.94	77.44	77.37	0.07	0.06	77.38	3925.56
	12/21/07*	4005.60	77.25	77.18	0.07	0.06	77.19	3928.41
SK-2	12/19/02	4002.94	72.89	72.89	0.00	0.00	72.89	3930.05
	12/20/02	4002.94	74.08	73.73	0.35	0.28	73.80	3929.14
	12/30/02	4002.94	74.01	73.63	0.38	0.30	73.71	3929.23
	01/03/03	4002.94	74.42	73.79	0.63	0.50	73.92	3929.02
	01/07/03	4002.94	74.72	74.05	0.67	0.54	74.18	3928.76
	01/10/03	4002.94	75.38	73.74	1.64	1.31	74.07	3928.87
	01/15/03	4002.94	74.32	73.71	0.61	0.49	73.83	3929.11
	01/21/03	4002.94	74.53	73.60	0.93	0.74	73.79	3929.15
	02/17/03	4002.94	74.19	73.70	0.49	0.39	73.80	3929.14
	05/28/03	4002.94	74.54	73.79	0.75	0.60	73.94	3929.00
	06/07/04	4002.94	78.94	75.29	3.65	2.92	76.02	3926.92
	06/15/04	4002.94	79.21	75.38	3.83	3.06	76.15	3926.79
	06/21/04	4002.94	79.03	75.45	3.58	2.86	76.17	3926.77
	06/28/04	4002.94	79.63	75.62	4.01	3.21	76.42	3926.52
	07/06/04	4002.94	79.46	75.59	3.87	3.10	76.36	3926.58
	07/12/04	4002.94	79.61	75.68	3.93	3.14	76.47	3926.47

Table 2
Water Level Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
SK-2 cont.	07/19/04	4002.94	79.28	75.74	3.54	2.83	76.45	3926.49
	07/26/04	4002.94	79.63	75.83	3.80	3.04	76.59	3926.35
	08/02/04	4002.94	79.37	75.79	3.58	2.86	76.51	3926.43
	08/10/04	4002.94	79.59	75.85	3.74	2.99	76.60	3926.34
	08/16/04	4002.94	79.48	75.90	3.58	2.86	76.62	3926.32
	08/23/04	4002.94	78.97	75.83	3.14	2.51	76.46	3926.48
	08/30/04	4002.94	79.52	75.96	3.56	2.85	76.67	3926.27
	09/08/04	4002.94	79.62	76.01	3.61	2.89	76.73	3926.21
	10/08/04	4002.94	79.41	76.10	3.31	2.65	76.76	3926.18
	12/30/05	4002.94	79.14	76.16	2.98	2.38	76.76	3926.18
	01/17/05	4002.94	78.16	75.96	2.20	1.76	76.40	3926.54
	02/09/05	4002.94	79.31	76.31	3.00	2.40	76.91	3926.03
	03/09/05	4002.94	79.24	76.36	2.88	2.30	76.94	3926.00
	04/05/05	4002.94	78.57	76.17	2.40	1.92	76.65	3926.29
	05/10/05	4002.94	78.55	76.20	2.35	1.88	76.67	3926.27
	06/08/05	4002.94	77.68	76.58	1.10	0.88	76.80	3926.14
	07/05/05	4002.94	78.06	76.73	1.33	1.06	77.00	3925.94
	08/08/05	4002.94	76.63	0.00	0.00	0.00	76.63	3926.31
	09/14/05	4002.94	77.03	75.91	1.12	0.90	76.13	3926.81
	10/12/05	4002.94	76.58	75.77	0.81	0.65	75.93	3927.01
	11/09/05	4002.94	76.61	75.61	1.00	0.80	75.81	3927.13
	12/14/05	4002.94	76.93	75.76	1.17	0.94	75.99	3926.95
	01/12/06	4002.94	75.93	75.34	0.59	0.47	75.46	3927.48
	02/02/06	4002.94	76.60	75.64	0.96	0.77	75.83	3927.11
	03/07/06	4002.94	77.84	76.07	1.77	1.42	76.42	3926.52
	04/05/06	4002.94	78.40	76.26	2.14	1.71	76.69	3926.25
	05/08/06	4002.94	77.64	77.64	0.00	0.00	77.64	3925.30
	06/05/06	4002.94	76.85	76.07	0.78	0.62	76.23	3926.71
	07/11/06	4002.94	76.30	75.76	0.54	0.43	75.87	3927.07
	08/16/06	4002.94	74.80	0.00	0.00	0.00	74.80	3928.14
	08/30/06	4002.94	74.77	74.66	0.11	0.09	74.68	3928.26
	09/07/06	4002.94	75.64	75.24	0.40	0.32	75.32	3927.62
	10/11/06	4002.94	77.51	77.51	0.00	0.00	77.51	3925.43
	11/08/06	4002.94	74.99	74.99	0.00	0.00	74.99	3927.95
	12/04/06	4002.94	75.46	75.46	0.00	0.00	75.46	3927.48
	01/04/07	4002.94	74.79		0.00	0.00	74.79	3928.15
	02/27/07	4002.94	75.02	74.93	0.09	0.07	74.95	3927.99
	03/20/07	4002.94	75.98	75.72	0.26	0.21	75.77	3927.17
	04/17/07	4002.94	76.26	76.00	0.26	0.21	76.05	3926.89
	05/07/07	4002.94	75.91	75.64	0.27	0.22	75.69	3927.25
	06/27/07	4002.94	75.68	75.44	0.24	0.19	75.49	3927.45
	07/19/07	4002.94	75.28		0.00	0.00	75.28	3927.66
	08/21/07	4002.94	75.41	75.21	0.20	0.16	75.25	3927.69
	09/17/07	4002.94	75.25	75.17	0.08	0.06	75.19	3927.75
	10/16/07	4002.94	75.22	75.05	0.17	0.14	75.08	3927.86
	11/20/07	4002.94	75.20	75.03	0.17	0.14	75.06	3927.88
	12/21/07*	4004.99	75.02	74.89	0.13	0.10	74.92	3930.07
EW-1	06/27/07		92.58		0.00	0.00	92.58	
	07/19/07		93.27		0.00	0.00	93.27	

Notes:
L.P.H. = Liquid Phase Hydrocarbon
Blank Fields Indicate No Data

Table 3
Groundwater Quality Analysis
May 8-10, 2007
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico

Parameters (mg/L)	WW	MW-2	MW-4	MW-6	MW-6 QA*	MW-7	MW-10	MW-11	MW-12	MW-12 QA*	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	EW-1 07/19/07	NM WQ Std
Trace Metals																			
Calcium	191	240	160	170	174	212	761	1,060	4,760	5,040	198	656	364	203	532	2,210	147		
Magnesium	67.9	44.9	44.8	72	80.1	71.2	203	258	1,330	1,430	43.1	197	82.7	52.6	87.2	707	41.1		
Potassium	ND	ND	7.0	ND	ND	ND	12.0	7.8	143	146	ND	5.7	15.3	ND	12.6	35.4	5.5		
Sodium	142	66.4	83.9	95.4	95.9	72.1	1,530	496	15,800	32,800	72.4	65.3	56.1	78.1	243	3,300	50.9		
Volatile Organic Compounds																			
Benzene	ND	**54.0**	0.0077	**12.0**	**11.0**	**29.0**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.01
Ethylbenzene	ND	ND	0.036	0.26	0.27	0.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.75
Toluene	ND	**12.0**	ND	0.26	0.71	**4.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.75
Xylenes (total)	ND	ND	0.045	ND	0.19	0.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.62
Semivolatile Organic Compounds																			
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(a)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.0007
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(ghi)perylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chrysene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Fluorine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Naphthalene	ND	0.016	ND	ND	ND	0.013	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		0.03
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Inorganic Analysis																			
Carbonate Alkalinity	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Bicarbonate Alkalinity	205	321	174	230	227	245	175	197	79.8	79.9	209	203	267	246	176	117	272		
Total Alkalinity	205	321	174	230	227	245	175	197	79.8	79.9	209	203	267	246	176	117	272		
Bromide	2.6	3.3	2.3	2.4	2.4	2.5	5.3	4.6	19.2	19.2	0.9	7.1	1.4	1.4	2	11.1	1.1		
Chloride	**489**	**312**	**415**	**527**	**416**	**537**	**4,260**	**3,570**	**61,700**	**50,200**	217	**1,000**	189	**254**	**867**	**7,780**	101	**1,820**	250
Nitrate as N H all samples	ND	ND	ND	ND	ND	ND	4.3	ND	ND G	ND G	**16**	**10.7**	ND	ND	ND	ND G	0.75		10
Sulfate	152	10.7	ND	19.7	17.2	1.8	436	440	**1,690**	**1,630**	249	**1,010**	67.0	136	295	**822**	20.8		600
Total Dissolved Solids	**2,670**	**1,580**	**1,240**	**1,370**	**1,270**	**1,330**	**8,400**	**7,400**	**107,000**	**104,000**	**1,160**	**4,990**	821	**1,120**	**2,020**	**19,500**	837	**3,370**	1,000

Notes:
mg/L = milligrams per liter
ND = Not detected at or above laboratory reporting limits.
G = Reporting limit elevated due to matrix interference.
H = Sample prepared or analyzed after EPA recommended holding time exceeded.

* QA = Field duplicate sample analyses for evaluation of laboratory quality assurance/quality control (QA/QC) procedures.
Trip blanks used for sample shipping QA/QC reported non-detect for BTEX concentrations.
Blank fields indicate no data.
NM WQ Std = New Mexico Water Quality Standard

Table 4
MW-6 Groundwater Quality Measurements
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico

Date	Time	Specific Conductivity (mS/cm)	Salinity (ppt)	pH (units)	Temperature (°C)	Comments
05/17/04		1.62	0.81	7.93	24.0	
07/12/04	10:27	1.70	0.85	8.23	21.5	
07/12/04	10:29	1.69	0.84	8.26	21.4	
07/12/04	10:30	1.69	0.84	8.27	21.3	
07/12/04	10:31	1.69	0.84	8.26	21.1	
07/12/04	10:33	1.69	0.84	8.25	21.2	
07/12/04	10:35	1.71	0.85	8.26	20.9	
07/12/04	10:37	1.69	0.84	8.23	21.0	pump off @10:37
07/26/04	11:44	1.71	0.86	8.13	21.7	pump off @11:49
08/10/04	10:13	1.71	0.85	8.26	23.3	
08/10/04	10:15	1.71	0.85	8.32	22.4	
08/10/04	10:17	1.71	0.86	8.39	22.1	
08/10/04	10:18	1.71	0.86	8.42	21.6	
08/10/04	10:22	1.72	0.86	8.47	21.7	
08/10/04	10:27	1.74	0.87	8.38	21.5	
08/10/04	10:29	1.73	0.86	8.39	21.7	pump off @ 10:29
08/16/04	8:59	1.75	0.87	8.29	21.0	
08/16/04	9:00	1.73	0.87	8.35	20.6	
08/16/04	9:03	1.72	0.86	8.43	20.4	
08/16/04	11:11	1.69	0.84	8.15	22.0	
08/16/04	11:15	1.71	0.86	8.35	21.4	
08/16/04	11:20	1.71	0.85	8.46	21.1	
08/16/04	11:25	1.73	0.86	8.41	21.3	pump off @ 11:28
08/23/04	8:15	1.72	0.86	8.31	21.3	
08/23/04	8:20	1.73	0.86	8.41	21.1	
08/23/04	8:25	1.75	0.87	8.42	21.2	pump off @ 08:27
08/30/04	9:22	1.75	0.88	8.33	22.2	
08/30/04	9:26	1.73	0.87	8.43	21.5	pump off @ 09:27
09/08/04	9:00	1.72	0.86	8.21	21.4	
09/08/04	9:05	1.72	0.86	8.47	21.6	
09/08/04	9:10	1.74	0.87	8.46	21.1	pump off @ 09:13
10/08/04	9:36	1.75	0.88	8.54	21.3	
10/08/04	9:40	1.75	0.88	8.69	21.0	
10/08/04	9:45	1.79	0.90	8.68	21.1	pump off @ 9:46
10/08/04	11:58	1.75	0.88	8.50	20.9	
10/08/04	12:05	1.77	0.89	8.67	20.5	
10/08/04	12:10	1.78	0.89	8.69	20.4	pump off @ 12:10
01/17/05	10:55	1.46	0.73	7.44	16.6	
02/09/05	11:20	1.45	0.72	7.14	18.5	
04/05/05	10:00	2.08	1.04	7.23	19.4	
08/08/05	10:35	1.73	0.86	7.12	22.8	
02/16/06	12:20	1.51	0.75	6.74	21.0	
03/07/06	11:35	1.49	0.74	7.37	21.4	
06/05/06	12:25	1.65	0.82	7.06		
09/20/06	12:42	1.80	0.90	7.04	22.8	
12/04/06	10:10	2.00	0.99	7.26	15.7	
01/04/07	11:05	2.06	1.02	7.30	18.5	
04/17/07	13:37	2.04		7.19	23.3	
10/16/07	11:30	2.24	1.11	6.95	21.1	

Notes:
mS/cm = milliSiemens per centimeter
ppt = parts per thousand
°C = degrees Celsius

Table 5a
Extraction Well MW-6 Recovery Volumes
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico

Date	Time	Flowmeter Reading	Gallons Per Reading	Cumulative Gallons	Gallons Per Pumping Cycle	Gallons Per Minute	Comments
04/05/04	14:45	1,506.45					Start pumping MW-6
05/10/04	10:35	1,770.90	264.45				
05/10/04	12:28	1,940.00	169.10	433.55			
05/17/04	14:50	14,792.65	12,852.65	13,286.20		1.28	
05/17/04	17:09	15,045.55	252.90	13,539.10			
05/24/04	13:51	27,260.85	12,215.30	25,754.40		1.21	
06/01/04	8:07	34,896.40	7,635.55	33,389.95		0.66	
06/01/04	9:41	34,910.00	13.60	33,403.55			
06/01/04	10:51	35,008.60	98.60	33,502.15	112.20		
06/01/04	12:12	35,040.00	31.40	33,533.55			
06/01/04	12:31	35,123.25	83.25	33,616.80	83.25		
06/01/04	13:51	35,130.30	7.05	33,623.85			
06/07/04	8:04	42,007.30	6,877.00	40,500.85		0.80	
06/07/04	9:19	42,080.90	73.60	40,574.45	73.60		
06/07/04	11:06	42,164.65	83.75	40,658.20	83.75		
06/15/04	8:06	51,167.30	9,002.65	49,660.85		0.78	
06/15/04	9:10	51,230.00	62.70	49,723.55	95.65		
06/15/04	9:16	51,260.00	30.00	49,753.55			
06/15/04	9:52	51,262.95	2.95	49,756.50			
06/15/04	11:19	51,358.25	95.30	49,851.80	95.30		
06/21/04	8:21	57,670.00	6,311.75	56,163.55		0.73	
06/21/04	8:27	57,710.00	40.00	56,203.55			
06/21/04	8:56	57,735.65	25.65	56,229.20			
06/21/04	10:47	57,830.35	94.70	56,323.90	94.70		
06/28/04	8:18	65,189.50	7,359.15	63,683.05		0.73	
06/28/04	10:17	65,282.70	93.20	63,776.25	93.20		
06/28/04	12:28	65,376.90	94.20	63,870.45	94.20		
07/06/04	8:08	73,765.10	8,388.20	72,258.65		0.73	
07/06/04	8:46	73,868.50	103.40	72,362.05	103.40		
07/06/04	13:41	74,044.45	175.95	72,538.00	175.95		
07/12/04	9:07	80,116.10	6,071.65	78,609.65		0.70	
07/12/04	10:37	80,207.95	91.85	78,701.50	91.85		
07/12/04	13:07	80,300.40	92.45	78,793.95			
07/19/04	8:08	87,253.85	6,953.45	85,747.40		0.69	
07/19/04	8:45	87,358.20	104.35	85,851.75	104.35		
07/19/04	10:59	87,442.75	84.55	85,936.30	84.55		
07/26/04	9:01	94,366.45	6,923.70	92,860.00		0.69	
07/26/04	9:31	94,460.95	94.50	92,954.50	94.50		
07/26/04	11:49	94,554.90	93.95	93,048.45	93.95		
08/02/04	8:05	101,564.60	7,009.70	100,058.15		0.70	
08/02/04	8:45	101,658.50	93.90	100,152.05	93.90		
08/02/04	10:49	101,750.60	92.10	100,244.15	92.10		
08/10/04	8:26	109,577.25	7,826.65	108,070.80		0.68	
08/10/04	10:29	109,668.75	91.50	108,162.30	91.50		
08/10/04	12:44	109,769.50	100.75	108,263.05	100.75		
08/16/04	8:12	115,282.00	5,512.50	113,775.55		0.64	
08/16/04	9:03	115,374.45	92.45	113,868.00	92.45		
08/16/04	11:28	115,466.40	91.95	113,959.95	91.95		
08/23/04	8:27	122,334.20	6,867.80	120,827.75		0.68	
08/23/04	11:13	122,424.30	90.10	120,917.85	90.10		
08/23/04	12:43	122,513.25	88.95	121,006.80	88.95		
08/30/04	8:09	129,069.60	6,556.35	127,563.15		0.65	
08/30/04	9:27	129,150.00	80.40	127,643.55			
08/30/04	12:03	129,239.55	89.55	127,733.10	89.55		
09/08/04	7:56	137,417.20	8,177.65	135,910.75		0.63	
09/08/04	9:13	137,503.90	86.70	135,997.45	86.70		
09/08/04	12:01	137,587.95	84.05	136,081.50	84.05		
10/08/04	12:10	164,776.80	27,188.85	163,270.35		0.63	
12/30/04	8:55	226,579.30	61,802.50	225,072.85		0.52	
01/17/05	13:30	251.50	251.50	225,324.35			Replace flowmeter
02/09/05	12:20	18,330.70	18,079.20	243,403.55		0.55	

Table 5a
Extraction Well MW-6 Recovery Volumes
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico

Date	Time	Flowmeter Reading	Gallons Per Reading	Cumulative Gallons	Gallons Per Pumping Cycle	Gallons Per Minute	Comments
03/09/05	13:25	37,412.00	19,081.30	262,484.85		0.47	
04/05/05	12:38	55,160.60	17,748.60	280,233.45		0.46	
05/19/05	10:15	82,715.00	27,554.40	307,787.85		0.43	
06/08/05	11:15	95,551.00	12,836.00	320,623.85		0.45	
07/05/05	14:30	110,883.80	15,332.80	335,956.65		0.39	
08/08/05	12:45	129,746.00	18,862.20	354,818.85		0.39	
09/14/05	10:15	141,031.00	11,285.00	366,103.85		0.21	
11/09/05	11:00	141,182.10	151.10	366,254.95			Pump not working
11/15/05	10:00	141,182.10	0.00	366,254.95			Pull pump for repairs
11/21/05	10:30	141,322.20	140.10	366,395.05			Reinstall pump
11/29/05	12:30	149,304.10	7,981.90	374,376.95		0.69	
12/14/05	12:00	155,239.90	5,935.80	380,312.75		0.27	Float switch & freezing problems
01/26/06	12:15	160,817.90	5,578.00	385,890.75		0.09	Float switch & freezing problems
02/02/06	14:30	163,014.50	2,196.60	388,087.35		0.22	Float switch & freezing problems
02/15/06	11:00	173,406.30	10,391.80	398,479.15		0.56	Install heat trace & insulation
02/16/06	12:25	174,273.60	867.30	399,346.45		0.60	
03/07/06	11:05	187,632.40	13,358.80	412,705.25		0.49	
03/23/06	11:15	215,507.00	27,874.60	440,579.85		1.21	
04/05/06	11:43	220,641.00	5,134.00	445,713.85		0.27	
04/18/06	10:00	228,578.50	7,937.50	453,651.35		0.42	
05/08/06	15:31	241,171.50	12,593.00	466,244.35		0.44	
05/11/06	13:40	242,939.70	1,768.20	468,012.55		0.41	
05/12/06	8:22	243,424.10	484.40	468,496.95		0.34	
05/12/06	8:40	243,451.40	27.30	468,524.25		1.52	
06/05/06	12:25	258,570.00	15,118.60	483,642.85		0.44	
07/11/06	12:10	280,703.30	22,133.30	505,776.15		0.43	
08/16/06	8:20	281,423.30	720.00	506,496.15		0.01	Pump off from 7/24/06 f/ tank repairs
08/30/06	10:50	281,484.50	61.20	506,557.35		0.00	Restart pump on 8/30/06
09/20/06	12:42	297,406.90	15,922.40	522,479.75		0.53	
10/11/06	10:40	312,557.10	15,150.20	537,629.95		0.50	
11/08/06	9:00	329,920.90	17,363.80	554,993.75		0.43	Pump off from 11/07/06 tank full
12/04/06	10:10	349,386.10	19,465.20	574,458.95		0.52	
01/04/07	11:05	365,410.80	16,024.70	590,483.65		0.36	
02/27/07	10:50	392,701.40	27,290.60	617,774.25		0.35	
03/20/07	9:15	418,632.10	25,930.70	643,704.95		0.86	
04/17/07	13:56	456,282.30	37,650.20	681,355.15		0.93	
05/07/07	10:46	468,334.40	12,052.10	693,407.25		0.42	
05/08/07	15:17	469,062.40	728.00	694,135.25		0.51	
05/15/07	11:12	495,925.30	26,862.90	720,998.15		2.67	
06/27/07	10:29	500,361.20	4,435.90	725,434.05		0.07	Pump off intermittently f/ tank work
07/19/07	8:45	514,061.50	13,700.30	739,134.35		0.43	
07/19/07	11:25	514,119.20	57.70	739,192.05		0.36	
07/19/07	15:07	514,204.40	85.20	739,277.25		0.38	
07/19/07	16:12	514,251.80	47.40	739,324.65		0.73	
08/21/07	10:55	534,891.20	20,639.40	759,964.05		0.43	
08/21/07	14:23	534,986.50	95.30	760,059.35		0.46	
09/17/07	10:06	551,664.60	16,678.10	776,737.45		0.43	
09/17/07	10:59	551,711.20	46.60	776,784.05		0.88	
10/16/07	8:45	569,938.40	18,227.20	795,011.25		0.44	
10/16/07	11:11	569,985.80	47.40	795,058.65		0.32	
11/20/07	8:40	591,598.70	21,612.90	816,671.55		0.43	
11/20/07	9:11	591,635.70	37.00	816,708.55		1.19	
12/21/07	8:15	611,077.40	19,441.70	836,150.25		0.44	
12/21/07	10:22	611,123.40	46.00	836,196.25		0.36	

Table 5b
Extraction Well EW-1 Recovery Volumes
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico

Date	Time	Flowmeter Reading	Gallons Per Reading	Cumulative Gallons	Gallons Per Pumping Cycle	Gallons Per Minute	Comments
09/17/07	9:30	0.00					Start pumping EW-1
09/17/07	12:05	187.10	187.10	187.10		1.21	
10/16/07	8:42	3,793.00	3,605.90	3,793.00		0.09	
10/16/07	9:20	3,813.70	20.70	3,813.70		0.54	
11/20/07	8:43	7,671.50	3,857.80	7,671.50		0.08	
12/21/07	8:20	9,925.80	2,254.30	9,925.80		0.05	
12/21/07	8:51	9,945.20	19.40	9,945.20		0.63	

APPENDIX A

EW-1 Boring Log and Well Construction Details
And
Report of Survey

TETRA TECH, INC.

GROUNDWATER EXTRACTION WELL LOG

EW-1

BORING/WELL NO.

CLIENT/PROJECT: ConocoPhillips
LOCATION: Maljamar
COUNTY, STATE: Lea County, New Mexico
LOGGED BY: Laura Strumness
DATE/TIME START: 5/14/07 15:00
DATE/TIME FINISH: 6/21/07 14:30

PROJECT NUMBER: 6640015
DRILLING CO: Scarborough Drilling
DRILL TYPE: Air Rotary
BORING DIAMETER: 9-5/8-inch
GROUND SURFACE ELEVATION: 4019.9
GPS COORDINATES (N/E): 32.8165 103.77452

DEPTH (feet-bgs)	SAMPLE NUMBER	SAMPLE INTERVAL	PID READING (ppm)	LITHOLOGIC DESCRIPTION	USCS SYMBOL	LITHOLOGY	WELL CONSTRUCTION	WELL COMPLETION	% RECOVERY	SYMBOLS	ELEVATION (feet-msl)
0		0-5		SAND: yellowish red (5YR 5/6), very fine - fine, dry - slightly damp, loose, well sorted, non-plastic	SM						4015
5		5-10		SILTY SAND: light reddish brown (5YR 6/4), loose - slightly consolidated, non-plastic, dry, well sorted	SM						4010
10		10-15		SILTY SAND: with minor CALICHE, reddish yellow (5YR 6/6), loose, slightly plastic, dry - slightly damp, very fine - fine	SM/LS						4005
15		15-20			SM						4000
20				SANDSTONE: LOOSELY CONSOLIDATED, very pale brown (10YR 7/3), soft, non-plastic, dry, very fine, silty							3995
				SAND: MINORLY CONSOLIDATED, light reddish brown (5YR 6/4), loose - soft, dry, silty, very fine - fine, non-plastic							3990
30											3985
35											3980
40		20-60			SM			0-95' 6" Schedule 40 PVC Casing			3975
45											3970
50								0-80' Cement Grout			3965
55											3960
60				SAND: LOOSELY CONSOLIDATED, very pale brown (10YR 7/3), very fine - fine, silty, non-plastic, dry							

WELL COMPLETION INFORMATION

Measuring Point Description : Top of Casing
Measuring Point Elevation (ft MSL): 4022.04
Boring Total Depth (ft BGS): 125
Initial Water Level (ft BTOC): 92.58

Type of Casing / Screen: PVC
Casing Diameter (inches): 6
Well Screen Slot Size (inch): 0.020
Well Completion: Above ground security casing

GROUNDWATER EXTRACTION WELL LOG

EW-1

BORING/WELL NO.

CLIENT/PROJECT: ConocoPhillips
LOCATION: Maljamar
COUNTY, STATE: Lea County, New Mexico
LOGGED BY: Laura Strumness
DATE/TIME START: 5/14/07 15:00
DATE/TIME FINISH: 6/21/07 14:30

PROJECT NUMBER: 6640015
DRILLING CO: Scarborough Drilling
DRILL TYPE: Air Rotary
BORING DIAMETER: 9-5/8-inch
GROUND SURFACE ELEVATION: 4019.9
GPS COORDINATES (N/E): 32.8165 103.77452

DEPTH (feet-bgs)	SAMPLE NUMBER	SAMPLE INTERVAL	PID READING (ppm)	LITHOLOGIC DESCRIPTION	USCS SYMBOL	LITHOLOGY	WELL CONSTRUCTION	WELL COMPLETION	% RECOVERY	SYMBOLS	ELEVATION (feet-msl)
65											3955
70		60-80			SM						3950
75											3945
80				INTERBEDDED SANDSTONE AND SHALE: S.S.: light yellowish brown (10YR 6/4), loosely consolidated, soft - slightly dense, very fine - fine, non-plastic, dry Shale: greenish gray (Gley 1 6/1), very fine, soft - dense							3940
85		80-90			SM/ML			80-93' Bentonite Seal			3935
90				INTERBEDDED SAND & SHALE: Sand: yellowish brown (10YR 5/4), loose, slightly damp, non-plastic, silty Shale: brown (7.5 YR 5/3), very fine							3930
95				95-100 fbgs - decreasing shale, damp, sand loosely consolidated							3925
100		90-110			SM/ML			93-125' Sand Pack			3920
105											3915
110				INTERBEDDED SAND & SHALE: Sand: yellowish brown (10YR 5/4), loose, slightly damp, non-plastic, silty Shale: greenish gray (Gley 1 6/1), silty, dense							3910
115		110-120			SM/ML			95-125' 6" Schedule 40 PVC Screen 0.020" Slot			3905
120				SAND: light yellowish brown (10YR 6/4), damp, slightly plastic, loose, very fine - fine, silty							3900
125		120-125			SM						3895

WELL COMPLETION INFORMATION

Measuring Point Description : Top of Casing
Measuring Point Elevation (ft MSL): 4022.04
Boring Total Depth (ft BGS): 125
Initial Water Level (ft BTOC): 92.58

Type of Casing / Screen: PVC
Casing Diameter (inches): 6
Well Screen Slot Size (inch): 0.020
Well Completion: Above ground security casing

WEST COMPANY of Midland, Inc.

110 W. LOUISIANA AVE. SUITE 110 MIDLAND, TEXAS 79701-3414
OFFICE (432) 687-0865 FAX (432) 687-0868
Web Page: www.team-west.com

REPORT OF SURVEY

Horizontal and Vertical Control Survey
Maljamar Gas Plant
Section 21, T-17-S, R-32-E, N.M.P.M.
Lea County, New Mexico

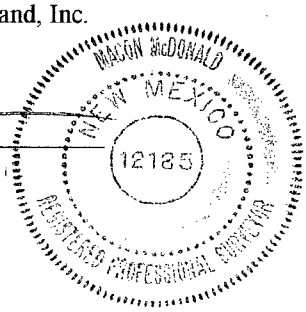
On December 21, 2007 a field survey was conducted to locate six (6) permanent monitor wells and one (1) extraction well all located in the proximity of the above mentioned site The field survey utilized dual frequency, stop-and-go kinematic GPS satellite observations for determining horizontal positions and a differential level survey was performed for determining elevations.

The field data was post-processed and a site calibration was performed to constrain the survey to coordinates provided to us on existing monitor wells already surveyed on the project site. Following is a table with the results of the field survey and site calibration:

Description	Latitude	Longitude	Elevation (TOC)	Elevation (Conc. Slab)	Elevation (Nat. Gr.)
MW-6	32.81282	103.77315	4005.23'	4002.76'	4002.5'
MW-7	32.81282	103.77308	4002.95'	4003.13'	4003.0'
MW-12	32.81646	103.77455	4022.53'	N/A	4019.7'
MW-20	32.80878	103.77718	3977.52'	3975.15'	3975.1'
SK-1	32.81280	103.77309	4005.60'	N/A	4003.1'
SK-2	32.81278	103.77309	4004.99'	4003.29'	4002.8'
EW-1	32.81650	103.77452	4022.04'	4020.04'	4019.9'

Existing monitor wells used for fixed horizontal and vertical control were MW-18, MW-17, MW-19 and MW-10.

West Company of Midland, Inc.



Macon McDonald

JAN 4, 2008
Date

APPENDIX B

Laboratory Analytical Data

SEVERN TRENT STL Leaders in Environmental Testing

Certificate of Analysis

STL Austin • 14050 Summit Drive, Suite A100, Austin, TX 78728 • Tel 512 244 0855 • Fax 512 244 0160 • *www.stl-inc.com*

ANALYTICAL REPORT

PROJECT NO. MALJAMAR, NM

6519 Maljamar Gas Plant

Lot #: I7E120110

Greg Pope

Tetra Tech, Inc.
1703 W Industrial Ave
Midland, TX 79701

SEVERN TRENT LABORATORIES, INC.

Carla M. Butler
Project Manager

May 24, 2007

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

Case Narrative

STL LOT NUMBER: **I7E120110**

This report contains the analytical results for the 18 samples received under chain of custody by Severn Trent Laboratories (STL) on May 12, 2007. These samples are associated with your 6519 Maljamar Gas Plant project.

All samples were received in good condition and within temperature requirements.

After notification that the nitrate collections were not received until after the 48 hour hold time had expired, Mr. Greg Pope instructed the laboratory to proceed with the analysis and flag results as analyzed outside of hold time.

All applicable quality control procedures met method-specified acceptance criteria except where noted in the case narrative or flagged on the result pages.

If you have any questions, please feel free to call me at (512) 310-5318.

EXECUTIVE SUMMARY - Detection Highlights

I7E120110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-2 05/10/07 11:50 001				
Calcium	240	5.0	mg/L	SW846 6010B
Magnesium	44.9	5.0	mg/L	SW846 6010B
Sodium	66.4	5.0	mg/L	SW846 6010B
Naphthalene	16	10	ug/L	SW846 8270C
Benzene	54000	2000	ug/L	SW846 8260B
Toluene	12000	2000	ug/L	SW846 8260B
Total Dissolved Solids	1580	40.0	mg/L	MCAWW 160.1
Chloride	312	100	mg/L	MCAWW 300.0A
Sulfate	10.7	5.0	mg/L	MCAWW 300.0A
Bromide	3.3	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	321	5.0	mg/L	MCAWW 310.1
Total Alkalinity	321	5.0	mg/L	MCAWW 310.1
MW-4 05/10/07 08:05 002				
Calcium	160	5.0	mg/L	SW846 6010B
Magnesium	44.8	5.0	mg/L	SW846 6010B
Potassium	7.0	5.0	mg/L	SW846 6010B
Sodium	83.9	5.0	mg/L	SW846 6010B
Benzene	7.7	1.0	ug/L	SW846 8260B
Ethylbenzene	36	1.0	ug/L	SW846 8260B
Xylenes (total)	45	3.0	ug/L	SW846 8260B
Total Dissolved Solids	1240	40.0	mg/L	MCAWW 160.1
Chloride	415	100	mg/L	MCAWW 300.0A
Bromide	2.3	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	174	5.0	mg/L	MCAWW 310.1
Total Alkalinity	174	5.0	mg/L	MCAWW 310.1
MW-6 05/09/07 15:20 003				
Calcium	170	5.0	mg/L	SW846 6010B
Magnesium	72.0	5.0	mg/L	SW846 6010B
Sodium	95.4	5.0	mg/L	SW846 6010B
Benzene	12000	200	ug/L	SW846 8260B
Ethylbenzene	260	200	ug/L	SW846 8260B
Toluene	260	200	ug/L	SW846 8260B
Total Dissolved Solids	1370	40.0	mg/L	MCAWW 160.1
Chloride	527	100	mg/L	MCAWW 300.0A

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EXECUTIVE SUMMARY - Detection Highlights

I7E120110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-6 05/09/07 15:20 003				
Sulfate	19.7	5.0	mg/L	MCAWW 300.0A
Bromide	2.4	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	230	5.0	mg/L	MCAWW 310.1
Total Alkalinity	230	5.0	mg/L	MCAWW 310.1
MW-10 05/09/07 12:55 004				
Calcium	761	5.0	mg/L	SW846 6010B
Magnesium	203	5.0	mg/L	SW846 6010B
Potassium	12.0	5.0	mg/L	SW846 6010B
Sodium	1530	50.0	mg/L	SW846 6010B
Total Dissolved Solids	8400	40.0	mg/L	MCAWW 160.1
Chloride	4260	1000	mg/L	MCAWW 300.0A
Sulfate	436	100	mg/L	MCAWW 300.0A
Nitrate as N	4.3 H	0.50	mg/L	MCAWW 300.0A
Bromide	5.3	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	175	5.0	mg/L	MCAWW 310.1
Total Alkalinity	175	5.0	mg/L	MCAWW 310.1
MW-11 05/08/07 11:20 005				
Calcium	1060	50.0	mg/L	SW846 6010B
Magnesium	258	5.0	mg/L	SW846 6010B
Potassium	7.8	5.0	mg/L	SW846 6010B
Sodium	496	5.0	mg/L	SW846 6010B
Total Dissolved Solids	7400	40.0	mg/L	MCAWW 160.1
Chloride	3570	1000	mg/L	MCAWW 300.0A
Sulfate	440	100	mg/L	MCAWW 300.0A
Bromide	4.6	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	197	5.0	mg/L	MCAWW 310.1
Total Alkalinity	197	5.0	mg/L	MCAWW 310.1
MW-12 05/09/07 13:45 006				
Calcium	4760	50.0	mg/L	SW846 6010B
Magnesium	1330	50.0	mg/L	SW846 6010B
Potassium	143	5.0	mg/L	SW846 6010B
Sodium	15800	250	mg/L	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

I7E120110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-12 05/09/07 13:45 006				
Total Dissolved Solids	107000	40.0	mg/L	MCAWW 160.1
Chloride	61700	10000	mg/L	MCAWW 300.0A
Sulfate	1690	1000	mg/L	MCAWW 300.0A
Bromide	19.2	10.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	79.8	5.0	mg/L	MCAWW 310.1
Total Alkalinity	79.8	5.0	mg/L	MCAWW 310.1
MW-13 05/08/07 13:50 007				
Calcium	198	5.0	mg/L	SW846 6010B
Magnesium	43.1	5.0	mg/L	SW846 6010B
Sodium	72.4	5.0	mg/L	SW846 6010B
Total Dissolved Solids	1160	40.0	mg/L	MCAWW 160.1
Chloride	217	20.0	mg/L	MCAWW 300.0A
Sulfate	249	20.0	mg/L	MCAWW 300.0A
Nitrate as N	16.0 H	10.0	mg/L	MCAWW 300.0A
Bromide	0.90	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	209	5.0	mg/L	MCAWW 310.1
Total Alkalinity	209	5.0	mg/L	MCAWW 310.1
MW-14 05/09/07 10:30 008				
Calcium	656	5.0	mg/L	SW846 6010B
Magnesium	197	5.0	mg/L	SW846 6010B
Potassium	5.7	5.0	mg/L	SW846 6010B
Sodium	65.3	5.0	mg/L	SW846 6010B
Total Dissolved Solids	4990	40.0	mg/L	MCAWW 160.1
Chloride	1000	100	mg/L	MCAWW 300.0A
Sulfate	1010	100	mg/L	MCAWW 300.0A
Nitrate as N	10.7 H	2.5	mg/L	MCAWW 300.0A
Bromide	7.1	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	203	5.0	mg/L	MCAWW 310.1
Total Alkalinity	203	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

I7E120110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-15 05/10/07 07:30 009				
Calcium	364	5.0	mg/L	SW846 6010B
Magnesium	82.7	5.0	mg/L	SW846 6010B
Potassium	15.3	5.0	mg/L	SW846 6010B
Sodium	56.1	5.0	mg/L	SW846 6010B
Total Dissolved Solids	821	40.0	mg/L	MCAWW 160.1
Chloride	189	50.0	mg/L	MCAWW 300.0A
Sulfate	67.0	50.0	mg/L	MCAWW 300.0A
Bromide	1.4	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	267	5.0	mg/L	MCAWW 310.1
Total Alkalinity	267	5.0	mg/L	MCAWW 310.1
MW-16 05/09/07 09:45 010				
Calcium	203	5.0	mg/L	SW846 6010B
Magnesium	52.6	5.0	mg/L	SW846 6010B
Sodium	78.1	5.0	mg/L	SW846 6010B
Total Dissolved Solids	1120	40.0	mg/L	MCAWW 160.1
Chloride	254	50.0	mg/L	MCAWW 300.0A
Sulfate	136	50.0	mg/L	MCAWW 300.0A
Bromide	1.4	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	246	5.0	mg/L	MCAWW 310.1
Total Alkalinity	246	5.0	mg/L	MCAWW 310.1
MW-17 05/09/07 14:50 011				
Calcium	532	5.0	mg/L	SW846 6010B
Magnesium	87.2	5.0	mg/L	SW846 6010B
Potassium	12.6	5.0	mg/L	SW846 6010B
Sodium	243	5.0	mg/L	SW846 6010B
Total Dissolved Solids	2020	40.0	mg/L	MCAWW 160.1
Chloride	867	100	mg/L	MCAWW 300.0A
Sulfate	295	100	mg/L	MCAWW 300.0A
Bromide	2.0	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	176	5.0	mg/L	MCAWW 310.1
Total Alkalinity	176	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

I7E120110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-18 05/09/07 12:10 012				
Calcium	2210	50.0	mg/L	SW846 6010B
Magnesium	707	50.0	mg/L	SW846 6010B
Potassium	35.4	5.0	mg/L	SW846 6010B
Sodium	3300	50.0	mg/L	SW846 6010B
Total Dissolved Solids	19500	40.0	mg/L	MCAWW 160.1
Chloride	7780	5000	mg/L	MCAWW 300.0A
Sulfate	822	500	mg/L	MCAWW 300.0A
Bromide	11.1	5.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	117	5.0	mg/L	MCAWW 310.1
Total Alkalinity	117	5.0	mg/L	MCAWW 310.1
MW-19 05/09/07 14:30 013				
Calcium	147	5.0	mg/L	SW846 6010B
Magnesium	41.1	5.0	mg/L	SW846 6010B
Potassium	5.5	5.0	mg/L	SW846 6010B
Sodium	50.9	5.0	mg/L	SW846 6010B
Total Dissolved Solids	837	40.0	mg/L	MCAWW 160.1
Chloride	101	20.0	mg/L	MCAWW 300.0A
Sulfate	20.8	20.0	mg/L	MCAWW 300.0A
Nitrate as N	0.75 H	0.50	mg/L	MCAWW 300.0A
Bromide	1.1	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	272	5.0	mg/L	MCAWW 310.1
Total Alkalinity	272	5.0	mg/L	MCAWW 310.1
DUP-1 05/09/07 014				
Calcium	5040	50.0	mg/L	SW846 6010B
Magnesium	1430	50.0	mg/L	SW846 6010B
Potassium	146	5.0	mg/L	SW846 6010B
Sodium	32800	500	mg/L	SW846 6010B
Total Dissolved Solids	104000	40.0	mg/L	MCAWW 160.1
Chloride	50200	5000	mg/L	MCAWW 300.0A
Sulfate	1630	500	mg/L	MCAWW 300.0A
Bromide	19.2	10.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	79.9	5.0	mg/L	MCAWW 310.1
Total Alkalinity	79.9	5.0	mg/L	MCAWW 310.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

I7E120110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
WW 05/09/07 15:05 015				
Calcium	191	5.0	mg/L	SW846 6010B
Magnesium	67.9	5.0	mg/L	SW846 6010B
Sodium	142	5.0	mg/L	SW846 6010B
Total Dissolved Solids	2670	40.0	mg/L	MCAWW 160.1
Chloride	489	100	mg/L	MCAWW 300.0A
Sulfate	152	100	mg/L	MCAWW 300.0A
Bromide	2.6	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	205	5.0	mg/L	MCAWW 310.1
Total Alkalinity	205	5.0	mg/L	MCAWW 310.1
DUP-2 05/09/07 016				
Calcium	174	5.0	mg/L	SW846 6010B
Magnesium	80.1	5.0	mg/L	SW846 6010B
Sodium	95.9	5.0	mg/L	SW846 6010B
Ethylbenzene	270	50	ug/L	SW846 8260B
Toluene	710	50	ug/L	SW846 8260B
Xylenes (total)	190	150	ug/L	SW846 8260B
Total Dissolved Solids	1270	40.0	mg/L	MCAWW 160.1
Chloride	416	100	mg/L	MCAWW 300.0A
Sulfate	17.2	5.0	mg/L	MCAWW 300.0A
Bromide	2.4	0.50	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	227	5.0	mg/L	MCAWW 310.1
Total Alkalinity	227	5.0	mg/L	MCAWW 310.1
MW-7 05/10/07 10:15 017				
Calcium	212	5.0	mg/L	SW846 6010B
Magnesium	71.2	5.0	mg/L	SW846 6010B
Sodium	72.1	5.0	mg/L	SW846 6010B
Naphthalene	13	9.8	ug/L	SW846 8270C
Ethylbenzene	530	100	ug/L	SW846 8260B
Toluene	4800	100	ug/L	SW846 8260B
Xylenes (total)	640	300	ug/L	SW846 8260B
Total Dissolved Solids	1330	40.0	mg/L	MCAWW 160.1
Chloride	537	100	mg/L	MCAWW 300.0A
Sulfate	1.8	1.0	mg/L	MCAWW 300.0A
Bromide	2.5	0.50	mg/L	MCAWW 300.0A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

I7E120110

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-7 05/10/07 10:15 017				
Bicarbonate Alkalinity	245	5.0	mg/L	MCAWW 310.1
Total Alkalinity	245	5.0	mg/L	MCAWW 310.1

PREPARATION METHODS SUMMARY

I7E120110

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Bromide	MCAWW 300.0A	MCAWW 300.0A
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
Nitrate	MCAWW 300.0A	MCAWW 300.0A
Potentiometric titration to preselected pH	MCAWW 310.1	MCAWW 310.1
Result obtained by calculation	MCAWW 310.1	MCAWW 310.1
Sulfate	MCAWW 300.0A	MCAWW 300.0A
15 mL Purge-and-Trap	SW846 5030B/826	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

I7E120110

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	William Jenkins	000069
MCAWW 300.0A	David A. Tocher	800002
MCAWW 310.1	David A. Tocher	800002
SW846 6010B	Hamid Davoudi	038010
SW846 8260B	Kai Allen	402013
SW846 8270C	Jenai Girvicks	402662

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

I7E120110

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JWT83	001	MW-2	05/10/07	11:50
JWVKR	002	MW-4	05/10/07	08:05
JWVKT	003	MW-6	05/09/07	15:20
JWVK1	004	MW-10	05/09/07	12:55
JWVK3	005	MW-11	05/08/07	11:20
JWVK8	006	MW-12	05/09/07	13:45
JWVLE	007	MW-13	05/08/07	13:50
JWVLJ	008	MW-14	05/09/07	10:30
JWVLN	009	MW-15	05/10/07	07:30
JWVLQ	010	MW-16	05/09/07	09:45
JWVLW	011	MW-17	05/09/07	14:50
JWVLX	012	MW-18	05/09/07	12:10
JWVL1	013	MW-19	05/09/07	14:30
JWVL3	014	DUP-1	05/09/07	
JWVL6	015	WW	05/09/07	15:05
JWVL8	016	DUP-2	05/09/07	
JWVMA	017	MW-7	05/10/07	10:15
JWVME	018	TRIP BLANK	05/08/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I7E120110

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138087	7138061
	WATER	MCAWW 300.0A		7138086	7138063
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
002	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138087	7138061
	WATER	MCAWW 300.0A		7138086	7138063
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
003	WATER	MCAWW 160.1		7134530	7134323
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138087	7138061
	WATER	MCAWW 300.0A		7138086	7138063
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7138235	7138150
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
004	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138086	7138063
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I7E120110

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
004	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
005	WATER	MCAWW 160.1		7134530	7134323
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138086	7138063
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
006	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7135482	
	WATER	MCAWW 300.0A		7137051	7137034
	WATER	SW846 8260B		7138235	7138150
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
007	WATER	MCAWW 160.1		7134530	7134323
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7135470	7135259
	WATER	MCAWW 300.0A		7135477	7135262
	WATER	MCAWW 300.0A		7135482	
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I7E120110

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
008	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138087	7138061
	WATER	MCAWW 300.0A		7138086	7138063
	WATER	MCAWW 300.0A		7135482	
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
009	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
010	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
011	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I7E120110

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
011	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
012	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7135482	
	WATER	MCAWW 300.0A		7137051	7137034
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
013	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7137193	7137114
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
014	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7135482	
	WATER	MCAWW 300.0A		7137051	7137034
	WATER	SW846 8260B		7138235	7138150
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I7E120110

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
015	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7141214	7141126
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
016	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7138235	7138150
	WATER	SW846 8260B		7141214	7141126
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
017	WATER	MCAWW 160.1		7136511	7136284
	WATER	MCAWW 310.1		7136169	7136101
	WATER	MCAWW 300.0A		7138354	7138206
	WATER	MCAWW 300.0A		7138355	7138207
	WATER	MCAWW 300.0A		7134167	7134094
	WATER	MCAWW 300.0A		7134166	7134092
	WATER	SW846 8260B		7138235	7138150
	WATER	SW846 8260B		7141214	7141126
	WATER	SW846 8270C		7134459	7134281
	WATER	SW846 6010B		7134230	7134155
	WATER	MCAWW 310.1		7136170	7136102
	WATER	MCAWW 310.1		7136174	7136105
018	WATER	SW846 8260B		7138235	7138150

ConocoPhillips Company

Client Sample ID: MW-2

GC/MS Volatiles

Lot-Sample #...: I7E120110-001 **Work Order #...:** JWT831AD **Matrix.....:** WATER
Date Sampled...: 05/10/07 11:50 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7137193 **Analysis Time..:** 03:01
Dilution Factor: 2000
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**54000**	**2000**	**ug/L**
Ethylbenzene	ND	2000	ug/L
Toluene	**12000**	**2000**	**ug/L**
Xylenes (total)	ND	6000	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	120	(67 - 130)
Toluene-d8	97	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	113	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-2

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-001 **Work Order #...:** JWT831AP **Matrix.....:** WATER
Date Sampled...: 05/10/07 11:50 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 18:38
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	10	ug/L
Acenaphthylene	ND	10	ug/L
Anthracene	ND	10	ug/L
Benzo(a)anthracene	ND	10	ug/L
Benzo(a)pyrene	ND	10	ug/L
Benzo(b)fluoranthene	ND	10	ug/L
Benzo(ghi)perylene	ND	10	ug/L
Benzo(k)fluoranthene	ND	10	ug/L
Chrysene	ND	10	ug/L
Dibenz(a,h)anthracene	ND	10	ug/L
Fluoranthene	ND	10	ug/L
Fluorene	ND	10	ug/L
Indeno(1,2,3-cd)pyrene	ND	10	ug/L
Naphthalene	**16**	**10**	**ug/L**
Phenanthrene	ND	10	ug/L
Pyrene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(28 - 120)
2-Fluorobiphenyl	73	(23 - 119)
Terphenyl-d14	85	(10 - 123)
2-Fluorophenol	71	(22 - 121)
Phenol-d5	76	(34 - 117)
2,4,6-Tribromophenol	95	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-2

TOTAL Metals

Lot-Sample #...: I7E120110-001 Matrix.....: WATER
Date Sampled...: 05/10/07 11:50 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	240	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWT831AK
		Dilution Factor: 1		Analysis Time..: 10:51		
Magnesium	44.9	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWT831AL
		Dilution Factor: 1		Analysis Time..: 10:51		
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWT831AM
		Dilution Factor: 1		Analysis Time..: 10:51		
Sodium	66.4	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWT831AN
		Dilution Factor: 1		Analysis Time..: 10:51		

ConocoPhillips Company

Client Sample ID: MW-2

General Chemistry

Lot-Sample #...: I7E120110-001 Work Order #...: JWT83 Matrix.....: WATER
Date Sampled...: 05/10/07 11:50 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	321	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	3.3	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 17:02		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	312	100	mg/L	MCAWW 300.0A	05/17/07	7138087
		Dilution Factor: 100		Analysis Time..: 13:10		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 17:02		
Sulfate	10.7	5.0	mg/L	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 5		Analysis Time..: 12:55		
Total Alkalinity	321	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	1580	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:26		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: I7E120110-002 Work Order #...: JWVKR1AD Matrix.....: WATER
Date Sampled...: 05/10/07 08:05 Date Received..: 05/12/07 09:00
Prep Date.....: 05/16/07 Analysis Date..: 05/16/07
Prep Batch #...: 7137193 Analysis Time..: 21:40
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**7.7**	**1.0**	**ug/L**
Ethylbenzene	**36**	**1.0**	**ug/L**
Toluene	ND	1.0	ug/L
Xylenes (total)	**45**	**3.0**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(67 - 130)
Toluene-d8	100	(83 - 115)
4-Bromofluorobenzene	93	(79 - 119)
Dibromofluoromethane	102	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-002 **Work Order #...:** JWVKR1AP **Matrix.....:** WATER
Date Sampled...: 05/10/07 08:05 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 20:10
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.8	ug/L
Acenaphthylene	ND	9.8	ug/L
Anthracene	ND	9.8	ug/L
Benzo(a)anthracene	ND	9.8	ug/L
Benzo(a)pyrene	ND	9.8	ug/L
Benzo(b)fluoranthene	ND	9.8	ug/L
Benzo(ghi)perylene	ND	9.8	ug/L
Benzo(k)fluoranthene	ND	9.8	ug/L
Chrysene	ND	9.8	ug/L
Dibenz(a,h)anthracene	ND	9.8	ug/L
Fluoranthene	ND	9.8	ug/L
Fluorene	ND	9.8	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L
Naphthalene	ND	9.8	ug/L
Phenanthrene	ND	9.8	ug/L
Pyrene	ND	9.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(28 - 120)
2-Fluorobiphenyl	74	(23 - 119)
Terphenyl-d14	79	(10 - 123)
2-Fluorophenol	83	(22 - 121)
Phenol-d5	90	(34 - 117)
2,4,6-Tribromophenol	94	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: I7E120110-002 Matrix.....: WATER
Date Sampled...: 05/10/07 08:05 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	160	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVKR1AK
		Dilution Factor: 1		Analysis Time..: 10:56		
Magnesium	44.8	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVKR1AL
		Dilution Factor: 1		Analysis Time..: 10:56		
Potassium	7.0	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVKR1AM
		Dilution Factor: 1		Analysis Time..: 10:56		
Sodium	83.9	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVKR1AN
		Dilution Factor: 1		Analysis Time..: 10:56		

ConocoPhillips Company

Client Sample ID: MW-4

General Chemistry

Lot-Sample #...: I7E120110-002 Work Order #...: JWVKR Matrix.....: WATER
Date Sampled...: 05/10/07 08:05 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	174	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	2.3	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 18:17		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	415	100	mg/L	MCAWW 300.0A	05/17/07	7138087
		Dilution Factor: 100		Analysis Time..: 14:55		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 18:17		
Sulfate	ND	1.0	mg/L	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 1		Analysis Time..: 14:40		
Total Alkalinity	174	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	1240	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:28		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-6

GC/MS Volatiles

Lot-Sample #...: I7E120110-003 Work Order #...: JWVKT2AD Matrix.....: WATER
Date Sampled...: 05/09/07 15:20 Date Received..: 05/12/07 09:00
Prep Date.....: 05/17/07 Analysis Date..: 05/17/07
Prep Batch #...: 7138235 Analysis Time..: 18:14
Dilution Factor: 200

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**12000**	**200**	**ug/L**
Ethylbenzene	**260**	**200**	**ug/L**
Toluene	**260**	**200**	**ug/L**
Xylenes (total)	ND	600	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	88	(79 - 119)
Dibromofluoromethane	98	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-003 **Work Order #...:** JWVKT1AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 15:20 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 20:40
Dilution Factor: 0.97

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.7	ug/L
Acenaphthylene	ND	9.7	ug/L
Anthracene	ND	9.7	ug/L
Benzo(a)anthracene	ND	9.7	ug/L
Benzo(a)pyrene	ND	9.7	ug/L
Benzo(b)fluoranthene	ND	9.7	ug/L
Benzo(ghi)perylene	ND	9.7	ug/L
Benzo(k)fluoranthene	ND	9.7	ug/L
Chrysene	ND	9.7	ug/L
Dibenz(a,h)anthracene	ND	9.7	ug/L
Fluoranthene	ND	9.7	ug/L
Fluorene	ND	9.7	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.7	ug/L
Naphthalene	ND	9.7	ug/L
Phenanthrene	ND	9.7	ug/L
Pyrene	ND	9.7	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(28 - 120)
2-Fluorobiphenyl	79	(23 - 119)
Terphenyl-d14	84	(10 - 123)
2-Fluorophenol	88	(22 - 121)
Phenol-d5	97	(34 - 117)
2,4,6-Tribromophenol	96	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: I7E120110-003 **Matrix.....:** WATER
Date Sampled...: 05/09/07 15:20 **Date Received..:** 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	**170**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVKT1AK**
		Dilution Factor: 1		Analysis Time..: 11:10		
Magnesium	**72.0**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVKT1AL**
		Dilution Factor: 1		Analysis Time..: 11:10		
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVKT1AM
		Dilution Factor: 1		Analysis Time..: 11:10		
Sodium	**95.4**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVKT1AN**
		Dilution Factor: 1		Analysis Time..: 11:10		

ConocoPhillips Company

Client Sample ID: MW-6

General Chemistry

Lot-Sample #...: I7E120110-003 Work Order #...: JWVKT Matrix.....: WATER
Date Sampled...: 05/09/07 15:20 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	230	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	2.4	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 18:33		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	527	100	mg/L	MCAWW 300.0A	05/17/07	7138087
		Dilution Factor: 100		Analysis Time..: 15:25		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 18:33		
Sulfate	19.7	5.0	mg/L	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 5		Analysis Time..: 15:10		
Total Alkalinity	230	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	1370	40.0	mg/L	MCAWW 160.1	05/14/07	7134530
		Dilution Factor: 1		Analysis Time..: 16:44		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-10

GC/MS Volatiles

Lot-Sample #...: I7E120110-004 **Work Order #...:** JWVK11AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 12:55 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7137193 **Analysis Time..:** 22:30
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(67 - 130)
Toluene-d8	94	(83 - 115)
4-Bromofluorobenzene	88	(79 - 119)
Dibromofluoromethane	103	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-004 **Work Order #...:** JWVK11AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 12:55 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 21:11
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.8	ug/L
Acenaphthylene	ND	9.8	ug/L
Anthracene	ND	9.8	ug/L
Benzo(a)anthracene	ND	9.8	ug/L
Benzo(a)pyrene	ND	9.8	ug/L
Benzo(b)fluoranthene	ND	9.8	ug/L
Benzo(ghi)perylene	ND	9.8	ug/L
Benzo(k)fluoranthene	ND	9.8	ug/L
Chrysene	ND	9.8	ug/L
Dibenz(a,h)anthracene	ND	9.8	ug/L
Fluoranthene	ND	9.8	ug/L
Fluorene	ND	9.8	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L
Naphthalene	ND	9.8	ug/L
Phenanthrene	ND	9.8	ug/L
Pyrene	ND	9.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(28 - 120)
2-Fluorobiphenyl	78	(23 - 119)
Terphenyl-d14	85	(10 - 123)
2-Fluorophenol	90	(22 - 121)
Phenol-d5	95	(34 - 117)
2,4,6-Tribromophenol	83	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: I7E120110-004 Matrix.....: WATER
Date Sampled...: 05/09/07 12:55 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	761	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK11AK
		Dilution Factor: 1		Analysis Time..: 11:15		
Magnesium	203	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK11AL
		Dilution Factor: 1		Analysis Time..: 11:15		
Potassium	12.0	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK11AM
		Dilution Factor: 1		Analysis Time..: 11:15		
Sodium	1530	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK11AN
		Dilution Factor: 10		Analysis Time..: 14:09		

ConocoPhillips Company

Client Sample ID: MW-10

General Chemistry

Lot-Sample #...: I7E120110-004 Work Order #...: JWVK1 Matrix.....: WATER
Date Sampled...: 05/09/07 12:55 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	175	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	5.3	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 18:48		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	4260	1000	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 1000		Analysis Time..: 12:18		
Nitrate as N	4.3 H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 18:48		
Sulfate	436	100	mg/L	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 100		Analysis Time..: 15:40		
Total Alkalinity	175	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	8400	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:04		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-11

GC/MS Volatiles

Lot-Sample #...: I7E120110-005 **Work Order #...:** JWVK31AD **Matrix.....:** WATER
Date Sampled...: 05/08/07 11:20 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7137193 **Analysis Time..:** 22:54
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	105	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	90	(79 - 119)
Dibromofluoromethane	103	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-11

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-005 **Work Order #...:** JWVK31AP **Matrix.....:** WATER
Date Sampled...: 05/08/07 11:20 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 21:41
Dilution Factor: 0.95

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.5	ug/L
Acenaphthylene	ND	9.5	ug/L
Anthracene	ND	9.5	ug/L
Benzo(a)anthracene	ND	9.5	ug/L
Benzo(a)pyrene	ND	9.5	ug/L
Benzo(b)fluoranthene	ND	9.5	ug/L
Benzo(ghi)perylene	ND	9.5	ug/L
Benzo(k)fluoranthene	ND	9.5	ug/L
Chrysene	ND	9.5	ug/L
Dibenz(a,h)anthracene	ND	9.5	ug/L
Fluoranthene	ND	9.5	ug/L
Fluorene	ND	9.5	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.5	ug/L
Naphthalene	ND	9.5	ug/L
Phenanthrene	ND	9.5	ug/L
Pyrene	ND	9.5	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(28 - 120)
2-Fluorobiphenyl	79	(23 - 119)
Terphenyl-d14	85	(10 - 123)
2-Fluorophenol	93	(22 - 121)
Phenol-d5	98	(34 - 117)
2,4,6-Tribromophenol	89	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-11

TOTAL Metals

Lot-Sample #...: I7E120110-005 Matrix.....: WATER
Date Sampled...: 05/08/07 11:20 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	1060	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK31AK
		Dilution Factor: 10		Analysis Time..: 14:14		
Magnesium	258	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK31AL
		Dilution Factor: 1		Analysis Time..: 11:19		
Potassium	7.8	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK31AM
		Dilution Factor: 1		Analysis Time..: 11:19		
Sodium	496	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK31AN
		Dilution Factor: 1		Analysis Time..: 11:19		

ConocoPhillips Company

Client Sample ID: MW-11

General Chemistry

Lot-Sample #...: I7E120110-005 Work Order #...: JWVK3 Matrix.....: WATER
Date Sampled...: 05/08/07 11:20 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	197	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	4.6	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 19:03		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	3570	1000	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 1000		Analysis Time..: 12:33		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 19:03		
Sulfate	440	100	mg/L	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 100		Analysis Time..: 15:55		
Total Alkalinity	197	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	7400	40.0	mg/L	MCAWW 160.1	05/14/07	7134530
		Dilution Factor: 1		Analysis Time..: 16:30		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-12

GC/MS Volatiles

Lot-Sample #...: I7E120110-006 **Work Order #...:** JWVK82AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 13:45 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/17/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7138235 **Analysis Time..:** 18:38
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	124	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	95	(79 - 119)
Dibromofluoromethane	108	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-12

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-006 **Work Order #...:** JWVK81AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 13:45 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 22:12
Dilution Factor: 0.99

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.9	ug/L
Acenaphthylene	ND	9.9	ug/L
Anthracene	ND	9.9	ug/L
Benzo(a)anthracene	ND	9.9	ug/L
Benzo(a)pyrene	ND	9.9	ug/L
Benzo(b)fluoranthene	ND	9.9	ug/L
Benzo(ghi)perylene	ND	9.9	ug/L
Benzo(k)fluoranthene	ND	9.9	ug/L
Chrysene	ND	9.9	ug/L
Dibenz(a,h)anthracene	ND	9.9	ug/L
Fluoranthene	ND	9.9	ug/L
Fluorene	ND	9.9	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.9	ug/L
Naphthalene	ND	9.9	ug/L
Phenanthrene	ND	9.9	ug/L
Pyrene	ND	9.9	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(28 - 120)
2-Fluorobiphenyl	80	(23 - 119)
Terphenyl-d14	89	(10 - 123)
2-Fluorophenol	94	(22 - 121)
Phenol-d5	99	(34 - 117)
2,4,6-Tribromophenol	90	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-12

TOTAL Metals

Lot-Sample #...: I7E120110-006 Matrix.....: WATER
Date Sampled...: 05/09/07 13:45 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	4760	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK81AK
		Dilution Factor: 10		Analysis Time..: 14:18		
Magnesium	1330	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK81AL
		Dilution Factor: 10		Analysis Time..: 14:18		
Potassium	143	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVK81AM
		Dilution Factor: 1		Analysis Time..: 11:24		
Sodium	15800	250	mg/L	SW846 6010B	05/14-05/15/07	JWVK81AN
		Dilution Factor: 50		Analysis Time..: 15:07		

ConocoPhillips Company

Client Sample ID: MW-12

General Chemistry

Lot-Sample #...: I7E120110-006 Work Order #...: JWVK8 Matrix.....: WATER
Date Sampled...: 05/09/07 13:45 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	79.8	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	19.2	10.0	mg/L	MCAWW 300.0A	05/16/07	7137051
		Dilution Factor: 20		Analysis Time..: 14:54		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	61700	10000	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 10000		Analysis Time..: 14:48		
Nitrate as N	ND G	10.0	mg/L	MCAWW 300.0A	05/14/07	7135482
		Dilution Factor: 20		Analysis Time..: 15:13		
Sulfate	1690	1000	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 1000		Analysis Time..: 12:48		
Total Alkalinity	79.8	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	107000	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:06		

NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ConocoPhillips Company

Client Sample ID: MW-13

GC/MS Volatiles

Lot-Sample #...: I7E120110-007 **Work Order #...:** JWVLE1AD **Matrix.....:** WATER
Date Sampled...: 05/08/07 13:50 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7137193 **Analysis Time..:** 23:44
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	90	(79 - 119)
Dibromofluoromethane	103	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-13

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-007 **Work Order #...:** JWVLE1AP **Matrix.....:** WATER
Date Sampled...: 05/08/07 13:50 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 22:43
Dilution Factor: 0.95

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.5	ug/L
Acenaphthylene	ND	9.5	ug/L
Anthracene	ND	9.5	ug/L
Benzo(a)anthracene	ND	9.5	ug/L
Benzo(a)pyrene	ND	9.5	ug/L
Benzo(b)fluoranthene	ND	9.5	ug/L
Benzo(ghi)perylene	ND	9.5	ug/L
Benzo(k)fluoranthene	ND	9.5	ug/L
Chrysene	ND	9.5	ug/L
Dibenz(a,h)anthracene	ND	9.5	ug/L
Fluoranthene	ND	9.5	ug/L
Fluorene	ND	9.5	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.5	ug/L
Naphthalene	ND	9.5	ug/L
Phenanthrene	ND	9.5	ug/L
Pyrene	ND	9.5	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(28 - 120)
2-Fluorobiphenyl	80	(23 - 119)
Terphenyl-d14	87	(10 - 123)
2-Fluorophenol	93	(22 - 121)
Phenol-d5	97	(34 - 117)
2,4,6-Tribromophenol	83	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-13

TOTAL Metals

Lot-Sample #...: I7E120110-007 **Matrix.....:** WATER
Date Sampled...: 05/08/07 13:50 **Date Received..:** 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	**198**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVLE1AK**
		Dilution Factor: 1		Analysis Time..: 11:29		
Magnesium	**43.1**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVLE1AL**
		Dilution Factor: 1		Analysis Time..: 11:29		
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLE1AM
		Dilution Factor: 1		Analysis Time..: 11:29		
Sodium	**72.4**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVLE1AN**
		Dilution Factor: 1		Analysis Time..: 11:29		

ConocoPhillips Company

Client Sample ID: MW-13

General Chemistry

Lot-Sample #...: I7E120110-007 Work Order #...: JWVLE Matrix.....: WATER
Date Sampled...: 05/08/07 13:50 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	209	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	0.90	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 19:33		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	217	20.0	mg/L	MCAWW 300.0A	05/14/07	7135470
		Dilution Factor: 20		Analysis Time..: 15:28		
Nitrate as N	16.0 H	10.0	mg/L	MCAWW 300.0A	05/14/07	7135482
		Dilution Factor: 20		Analysis Time..: 15:28		
Sulfate	249	20.0	mg/L	MCAWW 300.0A	05/14/07	7135477
		Dilution Factor: 20		Analysis Time..: 15:28		
Total Alkalinity	209	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	1160	40.0	mg/L	MCAWW 160.1	05/14/07	7134530
		Dilution Factor: 1		Analysis Time..: 16:32		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-14

GC/MS Volatiles

Lot-Sample #...: I7E120110-008	**Work Order #...:** JWVLJ1AD	**Matrix.....:** WATER	
Date Sampled...: 05/09/07 10:30	**Date Received..:** 05/12/07 09:00		
Prep Date.....: 05/16/07	**Analysis Date..:** 05/17/07		
Prep Batch #...: 7137193	**Analysis Time..:** 00:08		
Dilution Factor: 1			
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	89	(79 - 119)
Dibromofluoromethane	106	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-14

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-008 **Work Order #...:** JWVLJ1AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 10:30 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 23:13
Dilution Factor: 0.95

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.5	ug/L
Acenaphthylene	ND	9.5	ug/L
Anthracene	ND	9.5	ug/L
Benzo(a)anthracene	ND	9.5	ug/L
Benzo(a)pyrene	ND	9.5	ug/L
Benzo(b)fluoranthene	ND	9.5	ug/L
Benzo(ghi)perylene	ND	9.5	ug/L
Benzo(k)fluoranthene	ND	9.5	ug/L
Chrysene	ND	9.5	ug/L
Dibenz(a,h)anthracene	ND	9.5	ug/L
Fluoranthene	ND	9.5	ug/L
Fluorene	ND	9.5	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.5	ug/L
Naphthalene	ND	9.5	ug/L
Phenanthrene	ND	9.5	ug/L
Pyrene	ND	9.5	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84	(28 - 120)
2-Fluorobiphenyl	79	(23 - 119)
Terphenyl-d14	88	(10 - 123)
2-Fluorophenol	92	(22 - 121)
Phenol-d5	97	(34 - 117)
2,4,6-Tribromophenol	84	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-14

TOTAL Metals

Lot-Sample #...: I7E120110-008 Matrix.....: WATER
Date Sampled...: 05/09/07 10:30 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	656	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLJ1AK
		Dilution Factor: 1		Analysis Time..: 11:33		
Magnesium	197	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLJ1AL
		Dilution Factor: 1		Analysis Time..: 11:33		
Potassium	5.7	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLJ1AM
		Dilution Factor: 1		Analysis Time..: 11:33		
Sodium	65.3	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLJ1AN
		Dilution Factor: 1		Analysis Time..: 11:33		

ConocoPhillips Company

Client Sample ID: MW-14

General Chemistry

Lot-Sample #...: I7E120110-008 Work Order #...: JWVLJ Matrix.....: WATER
Date Sampled...: 05/09/07 10:30 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	203	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	7.1	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 19:48		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	1000	100	mg/L	MCAWW 300.0A	05/17/07	7138087
		Dilution Factor: 100		Analysis Time..: 16:25		
Nitrate as N	10.7 H	2.5	mg/L	MCAWW 300.0A	05/14/07	7135482
		Dilution Factor: 5		Analysis Time..: 15:43		
Sulfate	1010	100	mg/L	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 100		Analysis Time..: 16:25		
Total Alkalinity	203	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	4990	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:08		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-15

GC/MS Volatiles

Lot-Sample #...: I7E120110-009 **Work Order #...:** JWVLN1AD **Matrix.....:** WATER
Date Sampled...: 05/10/07 07:30 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7137193 **Analysis Time..:** 00:33
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	88	(79 - 119)
Dibromofluoromethane	104	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-15

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-009 Work Order #...: JWVLN1AP Matrix.....: WATER
Date Sampled...: 05/10/07 07:30 Date Received..: 05/12/07 09:00
Prep Date.....: 05/14/07 Analysis Date..: 05/15/07
Prep Batch #...: 7134459 Analysis Time..: 23:44
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.8	ug/L
Acenaphthylene	ND	9.8	ug/L
Anthracene	ND	9.8	ug/L
Benzo(a)anthracene	ND	9.8	ug/L
Benzo(a)pyrene	ND	9.8	ug/L
Benzo(b)fluoranthene	ND	9.8	ug/L
Benzo(ghi)perylene	ND	9.8	ug/L
Benzo(k)fluoranthene	ND	9.8	ug/L
Chrysene	ND	9.8	ug/L
Dibenz(a,h)anthracene	ND	9.8	ug/L
Fluoranthene	ND	9.8	ug/L
Fluorene	ND	9.8	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L
Naphthalene	ND	9.8	ug/L
Phenanthrene	ND	9.8	ug/L
Pyrene	ND	9.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(28 - 120)
2-Fluorobiphenyl	78	(23 - 119)
Terphenyl-d14	81	(10 - 123)
2-Fluorophenol	95	(22 - 121)
Phenol-d5	99	(34 - 117)
2,4,6-Tribromophenol	85	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-15

TOTAL Metals

Lot-Sample #...: I7E120110-009 Matrix.....: WATER
Date Sampled...: 05/10/07 07:30 Date Received...: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	364	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLN1AK
		Dilution Factor: 1		Analysis Time...: 11:38		
Magnesium	82.7	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLN1AL
		Dilution Factor: 1		Analysis Time...: 11:38		
Potassium	15.3	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLN1AM
		Dilution Factor: 1		Analysis Time...: 11:38		
Sodium	56.1	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLN1AN
		Dilution Factor: 1		Analysis Time...: 11:38		

ConocoPhillips Company

Client Sample ID: MW-15

General Chemistry

Lot-Sample #...: I7E120110-009 Work Order #...: JWVLN Matrix.....: WATER
Date Sampled...: 05/10/07 07:30 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	267	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	1.4	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 20:03		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	189	50.0	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 50		Analysis Time..: 08:48		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 20:03		
Sulfate	67.0	50.0	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 50		Analysis Time..: 08:48		
Total Alkalinity	267	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	821	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:30		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-16

GC/MS Volatiles

Lot-Sample #...: I7E120110-010 **Work Order #...:** JWVLQ1AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 09:45 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7137193 **Analysis Time..:** 00:58
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	90	(79 - 119)
Dibromofluoromethane	108	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-16

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-010 **Work Order #...:** JWVLQ1AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 09:45 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7134459 **Analysis Time..:** 00:14
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.8	ug/L
Acenaphthylene	ND	9.8	ug/L
Anthracene	ND	9.8	ug/L
Benzo(a)anthracene	ND	9.8	ug/L
Benzo(a)pyrene	ND	9.8	ug/L
Benzo(b)fluoranthene	ND	9.8	ug/L
Benzo(ghi)perylene	ND	9.8	ug/L
Benzo(k)fluoranthene	ND	9.8	ug/L
Chrysene	ND	9.8	ug/L
Dibenz(a,h)anthracene	ND	9.8	ug/L
Fluoranthene	ND	9.8	ug/L
Fluorene	ND	9.8	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L
Naphthalene	ND	9.8	ug/L
Phenanthrene	ND	9.8	ug/L
Pyrene	ND	9.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(28 - 120)
2-Fluorobiphenyl	80	(23 - 119)
Terphenyl-d14	82	(10 - 123)
2-Fluorophenol	93	(22 - 121)
Phenol-d5	98	(34 - 117)
2,4,6-Tribromophenol	90	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-16

TOTAL Metals

Lot-Sample #...: I7E120110-010 Matrix.....: WATER
Date Sampled...: 05/09/07 09:45 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	203	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLQ1AK
		Dilution Factor: 1		Analysis Time..: 11:43		
Magnesium	52.6	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLQ1AL
		Dilution Factor: 1		Analysis Time..: 11:43		
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLQ1AM
		Dilution Factor: 1		Analysis Time..: 11:43		
Sodium	78.1	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLQ1AN
		Dilution Factor: 1		Analysis Time..: 11:43		

ConocoPhillips Company

Client Sample ID: MW-16

General Chemistry

Lot-Sample #...: I7E120110-010 Work Order #...: JWVLQ Matrix.....: WATER
Date Sampled...: 05/09/07 09:45 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	246	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	1.4	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 20:49		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	254	50.0	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 50		Analysis Time..: 09:33		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 20:49		
Sulfate	136	50.0	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 50		Analysis Time..: 09:33		
Total Alkalinity	246	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	1120	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:10		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-17

GC/MS Volatiles

Lot-Sample #...: I7E120110-011 **Work Order #...:** JWVLW1AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 14:50 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7137193 **Analysis Time..:** 01:22
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	108	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-17

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-011 **Work Order #...:** JWVLW1AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 14:50 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7134459 **Analysis Time..:** 00:44
Dilution Factor: 1.11

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	11	ug/L
Acenaphthylene	ND	11	ug/L
Anthracene	ND	11	ug/L
Benzo(a)anthracene	ND	11	ug/L
Benzo(a)pyrene	ND	11	ug/L
Benzo(b)fluoranthene	ND	11	ug/L
Benzo(ghi)perylene	ND	11	ug/L
Benzo(k)fluoranthene	ND	11	ug/L
Chrysene	ND	11	ug/L
Dibenz(a,h)anthracene	ND	11	ug/L
Fluoranthene	ND	11	ug/L
Fluorene	ND	11	ug/L
Indeno(1,2,3-cd)pyrene	ND	11	ug/L
Naphthalene	ND	11	ug/L
Phenanthrene	ND	11	ug/L
Pyrene	ND	11	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(28 - 120)
2-Fluorobiphenyl	74	(23 - 119)
Terphenyl-d14	80	(10 - 123)
2-Fluorophenol	89	(22 - 121)
Phenol-d5	95	(34 - 117)
2,4,6-Tribromophenol	88	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-17

TOTAL Metals

Lot-Sample #...: I7E120110-011 Matrix.....: WATER
Date Sampled...: 05/09/07 14:50 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	532	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLW1AK
		Dilution Factor: 1		Analysis Time..: 11:48		
Magnesium	87.2	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLW1AL
		Dilution Factor: 1		Analysis Time..: 11:48		
Potassium	12.6	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLW1AM
		Dilution Factor: 1		Analysis Time..: 11:48		
Sodium	243	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLW1AN
		Dilution Factor: 1		Analysis Time..: 11:48		

ConocoPhillips Company

Client Sample ID: MW-17

General Chemistry

Lot-Sample #...: I7E120110-011 Work Order #...: JWVLW Matrix.....: WATER
Date Sampled...: 05/09/07 14:50 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	176	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	2.0	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 21:04		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	867	100	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 100		Analysis Time..: 09:48		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 21:04		
Sulfate	295	100	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 100		Analysis Time..: 09:48		
Total Alkalinity	176	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	2020	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:12		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-18

GC/MS Volatiles

Lot-Sample #...: I7E120110-012 **Work Order #...:** JWVLX1AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 12:10 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7137193 **Analysis Time..:** 01:47
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	118	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	91	(79 - 119)
Dibromofluoromethane	112	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-18

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-012 Work Order #...: JWVLX1AP Matrix.....: WATER
Date Sampled...: 05/09/07 12:10 Date Received..: 05/12/07 09:00
Prep Date.....: 05/14/07 Analysis Date..: 05/16/07
Prep Batch #...: 7134459 Analysis Time..: 01:15
Dilution Factor: 0.96
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.6	ug/L
Acenaphthylene	ND	9.6	ug/L
Anthracene	ND	9.6	ug/L
Benzo(a)anthracene	ND	9.6	ug/L
Benzo(a)pyrene	ND	9.6	ug/L
Benzo(b)fluoranthene	ND	9.6	ug/L
Benzo(ghi)perylene	ND	9.6	ug/L
Benzo(k)fluoranthene	ND	9.6	ug/L
Chrysene	ND	9.6	ug/L
Dibenz(a,h)anthracene	ND	9.6	ug/L
Fluoranthene	ND	9.6	ug/L
Fluorene	ND	9.6	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.6	ug/L
Naphthalene	ND	9.6	ug/L
Phenanthrene	ND	9.6	ug/L
Pyrene	ND	9.6	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(28 - 120)
2-Fluorobiphenyl	78	(23 - 119)
Terphenyl-d14	83	(10 - 123)
2-Fluorophenol	95	(22 - 121)
Phenol-d5	99	(34 - 117)
2,4,6-Tribromophenol	91	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-18

TOTAL Metals

Lot-Sample #...: I7E120110-012 Matrix.....: WATER
Date Sampled...: 05/09/07 12:10 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	2210	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLX1AK
		Dilution Factor: 10		Analysis Time..: 14:23		
Magnesium	707	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLX1AL
		Dilution Factor: 10		Analysis Time..: 14:23		
Potassium	35.4	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLX1AM
		Dilution Factor: 1		Analysis Time..: 11:52		
Sodium	3300	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVLX1AN
		Dilution Factor: 10		Analysis Time..: 14:23		

ConocoPhillips Company

Client Sample ID: MW-18

General Chemistry

Lot-Sample #...: I7E120110-012 Work Order #...: JWVLX Matrix.....: WATER
Date Sampled...: 05/09/07 12:10 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	117	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	11.1	5.0	mg/L	MCAWW 300.0A	05/16/07	7137051
		Dilution Factor: 10		Analysis Time..: 15:39		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	7780	5000	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 5000		Analysis Time..: 13:03		
Nitrate as N	ND G	5.0	mg/L	MCAWW 300.0A	05/14/07	7135482
		Dilution Factor: 10		Analysis Time..: 21:34		
Sulfate	822	500	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 500		Analysis Time..: 10:03		
Total Alkalinity	117	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	19500	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:14		

NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ConocoPhillips Company

Client Sample ID: MW-19

GC/MS Volatiles

Lot-Sample #...: I7E120110-013 **Work Order #...:** JWVL11AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 14:30 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7137193 **Analysis Time..:** 02:11
Dilution Factor: 1
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	112	(67 - 130)
Toluene-d8	96	(83 - 115)
4-Bromofluorobenzene	89	(79 - 119)
Dibromofluoromethane	110	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-19

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-013 **Work Order #...:** JWVL11AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 14:30 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7134459 **Analysis Time..:** 01:45
Dilution Factor: 0.97

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.7	ug/L
Acenaphthylene	ND	9.7	ug/L
Anthracene	ND	9.7	ug/L
Benzo(a)anthracene	ND	9.7	ug/L
Benzo(a)pyrene	ND	9.7	ug/L
Benzo(b)fluoranthene	ND	9.7	ug/L
Benzo(ghi)perylene	ND	9.7	ug/L
Benzo(k)fluoranthene	ND	9.7	ug/L
Chrysene	ND	9.7	ug/L
Dibenz(a,h)anthracene	ND	9.7	ug/L
Fluoranthene	ND	9.7	ug/L
Fluorene	ND	9.7	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.7	ug/L
Naphthalene	ND	9.7	ug/L
Phenanthrene	ND	9.7	ug/L
Pyrene	ND	9.7	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(28 - 120)
2-Fluorobiphenyl	77	(23 - 119)
Terphenyl-d14	81	(10 - 123)
2-Fluorophenol	94	(22 - 121)
Phenol-d5	98	(34 - 117)
2,4,6-Tribromophenol	88	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-19

TOTAL Metals

Lot-Sample #...: I7E120110-013 Matrix.....: WATER
Date Sampled...: 05/09/07 14:30 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	147	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL11AK
		Dilution Factor: 1		Analysis Time..: 14:28		
Magnesium	41.1	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL11AL
		Dilution Factor: 1		Analysis Time..: 12:06		
Potassium	5.5	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL11AM
		Dilution Factor: 1		Analysis Time..: 12:06		
Sodium	50.9	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL11AN
		Dilution Factor: 1		Analysis Time..: 12:06		

ConocoPhillips Company

Client Sample ID: MW-19

General Chemistry

Lot-Sample #...: I7E120110-013 Work Order #...: JWVL1 Matrix.....: WATER
Date Sampled...: 05/09/07 14:30 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	272	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	1.1	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 21:34		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	101	20.0	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 20		Analysis Time..: 10:18		
Nitrate as N	0.75 H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 21:34		
Sulfate	20.8	20.0	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 20		Analysis Time..: 10:18		
Total Alkalinity	272	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	837	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:16		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: DUP-1

GC/MS Volatiles

Lot-Sample #...: I7E120110-014 **Work Order #...:** JWVL32AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/17/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7138235 **Analysis Time..:** 19:03
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	128	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	96	(79 - 119)
Dibromofluoromethane	109	(88 - 119)

ConocoPhillips Company

Client Sample ID: DUP-1

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-014 Work Order #...: JWVL31AP Matrix.....: WATER
Date Sampled...: 05/09/07 Date Received..: 05/12/07 09:00
Prep Date.....: 05/14/07 Analysis Date..: 05/16/07
Prep Batch #...: 7134459 Analysis Time..: 02:16
Dilution Factor: 0.95

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.5	ug/L
Acenaphthylene	ND	9.5	ug/L
Anthracene	ND	9.5	ug/L
Benzo(a)anthracene	ND	9.5	ug/L
Benzo(a)pyrene	ND	9.5	ug/L
Benzo(b)fluoranthene	ND	9.5	ug/L
Benzo(ghi)perylene	ND	9.5	ug/L
Benzo(k)fluoranthene	ND	9.5	ug/L
Chrysene	ND	9.5	ug/L
Dibenz(a,h)anthracene	ND	9.5	ug/L
Fluoranthene	ND	9.5	ug/L
Fluorene	ND	9.5	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.5	ug/L
Naphthalene	ND	9.5	ug/L
Phenanthrene	ND	9.5	ug/L
Pyrene	ND	9.5	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(28 - 120)
2-Fluorobiphenyl	82	(23 - 119)
Terphenyl-d14	87	(10 - 123)
2-Fluorophenol	97	(22 - 121)
Phenol-d5	102	(34 - 117)
2,4,6-Tribromophenol	91	(33 - 124)

ConocoPhillips Company

Client Sample ID: DUP-1

TOTAL Metals

Lot-Sample #...: I7E120110-014 Matrix.....: WATER
Date Sampled...: 05/09/07 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	5040	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL31AK
		Dilution Factor: 10		Analysis Time..: 14:37		
Magnesium	1430	50.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL31AL
		Dilution Factor: 10		Analysis Time..: 14:37		
Potassium	146	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL31AM
		Dilution Factor: 1		Analysis Time..: 12:11		
Sodium	32800	500	mg/L	SW846 6010B	05/14-05/15/07	JWVL31AN
		Dilution Factor: 100		Analysis Time..: 15:31		

ConocoPhillips Company

Client Sample ID: DUP-1

General Chemistry

Lot-Sample #...: I7E120110-014 Work Order #...: JWVL3 Matrix.....: WATER
Date Sampled...: 05/09/07 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	79.9	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	19.2	10.0	mg/L	MCAWW 300.0A	05/16/07	7137051
		Dilution Factor: 20		Analysis Time..: 15:54		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	50200	5000	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 5000		Analysis Time..: 13:33		
Nitrate as N	ND G	5.0	mg/L	MCAWW 300.0A	05/14/07	7135482
		Dilution Factor: 10		Analysis Time..: 16:13		
Sulfate	1630	500	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 500		Analysis Time..: 13:18		
Total Alkalinity	79.9	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	104000	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:18		

NOTE(S):

RL Reporting Limit

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

ConocoPhillips Company

Client Sample ID: WW

GC/MS Volatiles

Lot-Sample #...: I7E120110-015 **Work Order #...:** JWVL62AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 15:05 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/18/07 **Analysis Date..:** 05/18/07
Prep Batch #...: 7141214 **Analysis Time..:** 14:42
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	118	(67 - 130)
Toluene-d8	93	(83 - 115)
4-Bromofluorobenzene	85	(79 - 119)
Dibromofluoromethane	97	(88 - 119)

ConocoPhillips Company

Client Sample ID: WW

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-015 **Work Order #...:** JWVL61AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 15:05 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7134459 **Analysis Time..:** 02:46
Dilution Factor: 0.97
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.7	ug/L
Acenaphthylene	ND	9.7	ug/L
Anthracene	ND	9.7	ug/L
Benzo(a)anthracene	ND	9.7	ug/L
Benzo(a)pyrene	ND	9.7	ug/L
Benzo(b)fluoranthene	ND	9.7	ug/L
Benzo(ghi)perylene	ND	9.7	ug/L
Benzo(k)fluoranthene	ND	9.7	ug/L
Chrysene	ND	9.7	ug/L
Dibenz(a,h)anthracene	ND	9.7	ug/L
Fluoranthene	ND	9.7	ug/L
Fluorene	ND	9.7	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.7	ug/L
Naphthalene	ND	9.7	ug/L
Phenanthrene	ND	9.7	ug/L
Pyrene	ND	9.7	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(28 - 120)
2-Fluorobiphenyl	81	(23 - 119)
Terphenyl-d14	85	(10 - 123)
2-Fluorophenol	96	(22 - 121)
Phenol-d5	103	(34 - 117)
2,4,6-Tribromophenol	97	(33 - 124)

ConocoPhillips Company

Client Sample ID: WW

TOTAL Metals

Lot-Sample #...: I7E120110-015 Matrix.....: WATER
Date Sampled...: 05/09/07 15:05 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	191	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL61AK
		Dilution Factor: 1		Analysis Time..: 14:42		
Magnesium	67.9	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL61AL
		Dilution Factor: 1		Analysis Time..: 12:16		
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL61AM
		Dilution Factor: 1		Analysis Time..: 12:16		
Sodium	142	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL61AN
		Dilution Factor: 1		Analysis Time..: 12:16		

ConocoPhillips Company

Client Sample ID: WW

General Chemistry

Lot-Sample #...: I7E120110-015 Work Order #...: JWVL6 Matrix.....: WATER
Date Sampled...: 05/09/07 15:05 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	205	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	2.6	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 22:04		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	489	100	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 100		Analysis Time..: 11:18		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 22:04		
Sulfate	152	100	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 100		Analysis Time..: 11:18		
Total Alkalinity	205	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	2670	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:20		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: DUP-2

GC/MS Volatiles

Lot-Sample #...: I7E120110-016	**Work Order #...:** JWVL82AD	**Matrix.....:** WATER	
Date Sampled...: 05/09/07	**Date Received..:** 05/12/07 09:00		
Prep Date.....: 05/17/07	**Analysis Date..:** 05/17/07		
Prep Batch #...: 7138235	**Analysis Time..:** 22:20		
Dilution Factor: 50			
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	**270**	**50**	**ug/L**
Toluene	**710**	**50**	**ug/L**
Xylenes (total)	**190**	**150**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(67 - 130)
Toluene-d8	97	(83 - 115)
4-Bromofluorobenzene	87	(79 - 119)
Dibromofluoromethane	101	(88 - 119)

ConocoPhillips Company

Client Sample ID: DUP-2

GC/MS Volatiles

Lot-Sample #...: I7E120110-016 **Work Order #...:** JWVL83AD **Matrix.....:** WATER
Date Sampled...: 05/09/07 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/18/07 **Analysis Date..:** 05/18/07
Prep Batch #...: 7141214 **Analysis Time..:** 15:07
Dilution Factor: 200

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**11000**	**200**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(67 - 130)
Toluene-d8	94	(83 - 115)
4-Bromofluorobenzene	85	(79 - 119)
Dibromofluoromethane	98	(88 - 119)

ConocoPhillips Company

Client Sample ID: DUP-2

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-016 **Work Order #...:** JWVL81AP **Matrix.....:** WATER
Date Sampled...: 05/09/07 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7134459 **Analysis Time..:** 03:17
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.8	ug/L
Acenaphthylene	ND	9.8	ug/L
Anthracene	ND	9.8	ug/L
Benzo(a)anthracene	ND	9.8	ug/L
Benzo(a)pyrene	ND	9.8	ug/L
Benzo(b)fluoranthene	ND	9.8	ug/L
Benzo(ghi)perylene	ND	9.8	ug/L
Benzo(k)fluoranthene	ND	9.8	ug/L
Chrysene	ND	9.8	ug/L
Dibenz(a,h)anthracene	ND	9.8	ug/L
Fluoranthene	ND	9.8	ug/L
Fluorene	ND	9.8	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L
Naphthalene	ND	9.8	ug/L
Phenanthrene	ND	9.8	ug/L
Pyrene	ND	9.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(28 - 120)
2-Fluorobiphenyl	80	(23 - 119)
Terphenyl-d14	84	(10 - 123)
2-Fluorophenol	94	(22 - 121)
Phenol-d5	99	(34 - 117)
2,4,6-Tribromophenol	95	(33 - 124)

ConocoPhillips Company

Client Sample ID: DUP-2

TOTAL Metals

Lot-Sample #...: I7E120110-016 Matrix.....: WATER
Date Sampled...: 05/09/07 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	174	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL81AK
		Dilution Factor: 1		Analysis Time..: 14:47		
Magnesium	80.1	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL81AL
		Dilution Factor: 1		Analysis Time..: 12:21		
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL81AM
		Dilution Factor: 1		Analysis Time..: 12:21		
Sodium	95.9	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVL81AN
		Dilution Factor: 1		Analysis Time..: 12:21		

ConocoPhillips Company

Client Sample ID: DUP-2

General Chemistry

Lot-Sample #...: I7E120110-016 Work Order #...: JWVL8 Matrix.....: WATER
Date Sampled...: 05/09/07 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	227	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	2.4	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 22:19		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	416	100	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 100		Analysis Time..: 15:33		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 22:19		
Sulfate	17.2	5.0	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 5		Analysis Time..: 14:33		
Total Alkalinity	227	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	1270	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:22		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: MW-7

GC/MS Volatiles

Lot-Sample #...: I7E120110-017	**Work Order #...:** JWVMA3AD	**Matrix.....:** WATER	
Date Sampled...: 05/10/07 10:15	**Date Received..:** 05/12/07 09:00		
Prep Date.....: 05/18/07	**Analysis Date..:** 05/18/07		
Prep Batch #...: 7141214	**Analysis Time..:** 15:31		
Dilution Factor: 500			
	Method.....: SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**29000**	**500**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	91	(67 - 130)
Toluene-d8	94	(83 - 115)
4-Bromofluorobenzene	82	(79 - 119)
Dibromofluoromethane	96	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-7

GC/MS Volatiles

Lot-Sample #...: I7E120110-017 Work Order #...: JWVMA2AD Matrix.....: WATER
Date Sampled...: 05/10/07 10:15 Date Received..: 05/12/07 09:00
Prep Date.....: 05/17/07 Analysis Date..: 05/17/07
Prep Batch #...: 7138235 Analysis Time..: 22:45
Dilution Factor: 100

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	530	100	ug/L
Toluene	4800	100	ug/L
Xylenes (total)	640	300	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(67 - 130)
Toluene-d8	94	(83 - 115)
4-Bromofluorobenzene	88	(79 - 119)
Dibromofluoromethane	98	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-7

GC/MS Semivolatiles

Lot-Sample #...: I7E120110-017 **Work Order #...:** JWVMA1AP **Matrix.....:** WATER
Date Sampled...: 05/10/07 10:15 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7134459 **Analysis Time..:** 03:47
Dilution Factor: 0.98

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acenaphthene	ND	9.8	ug/L
Acenaphthylene	ND	9.8	ug/L
Anthracene	ND	9.8	ug/L
Benzo(a)anthracene	ND	9.8	ug/L
Benzo(a)pyrene	ND	9.8	ug/L
Benzo(b)fluoranthene	ND	9.8	ug/L
Benzo(ghi)perylene	ND	9.8	ug/L
Benzo(k)fluoranthene	ND	9.8	ug/L
Chrysene	ND	9.8	ug/L
Dibenz(a,h)anthracene	ND	9.8	ug/L
Fluoranthene	ND	9.8	ug/L
Fluorene	ND	9.8	ug/L
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L
Naphthalene	**13**	**9.8**	**ug/L**
Phenanthrene	ND	9.8	ug/L
Pyrene	ND	9.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(28 - 120)
2-Fluorobiphenyl	104	(23 - 119)
Terphenyl-d14	85	(10 - 123)
2-Fluorophenol	92	(22 - 121)
Phenol-d5	100	(34 - 117)
2,4,6-Tribromophenol	94	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-7

TOTAL Metals

Lot-Sample #...: I7E120110-017 **Matrix.....:** WATER
Date Sampled...: 05/10/07 10:15 **Date Received..:** 05/12/07 09:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7134230						
Calcium	**212**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVMA1AK**
		Dilution Factor: 1		Analysis Time..: 14:52		
Magnesium	**71.2**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVMA1AL**
		Dilution Factor: 1		Analysis Time..: 12:25		
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWVMA1AM
		Dilution Factor: 1		Analysis Time..: 12:25		
Sodium	**72.1**	**5.0**	**mg/L**	**SW846 6010B**	**05/14-05/15/07**	**JWVMA1AN**
		Dilution Factor: 1		Analysis Time..: 12:25		

ConocoPhillips Company

Client Sample ID: MW-7

General Chemistry

Lot-Sample #...: I7E120110-017 Work Order #...: JWVMA Matrix.....: WATER
Date Sampled...: 05/10/07 10:15 Date Received..: 05/12/07 09:00

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	245	5.0	mg/L	MCAWW 310.1	05/16/07	7136170
		Dilution Factor: 1		Analysis Time..: 09:00		
Bromide	2.5	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1		Analysis Time..: 22:35		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136169
		Dilution Factor: 1		Analysis Time..: 09:00		
Chloride	537	100	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 100		Analysis Time..: 12:03		
Nitrate as N	ND H	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1		Analysis Time..: 22:35		
Sulfate	1.8	1.0	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 1		Analysis Time..: 11:48		
Total Alkalinity	245	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1		Analysis Time..: 09:00		
Total Dissolved Solids	1330	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1		Analysis Time..: 16:32		

NOTE(S):

RL Reporting Limit

H The sample was prepared or analyzed after the EPA recommended holding time had been exceeded.

ConocoPhillips Company

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: I7E120110-018 **Work Order #...:** JWVME1AA **Matrix.....:** WATER
Date Sampled...: 05/08/07 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/17/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7138235 **Analysis Time..:** 12:52
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	109	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	90	(79 - 119)
Dibromofluoromethane	108	(88 - 119)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JW5TE1AA **Matrix.....:** WATER
MB Lot-Sample #: I7E170000-193

Prep Date.....: 05/16/07 **Analysis Time..:** 17:01
Analysis Date..: 05/16/07 **Prep Batch #...:** 7137193
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(67 - 130)
Toluene-d8	93	(83 - 115)
4-Bromofluorobenzene	84	(79 - 119)
Dibromofluoromethane	103	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JW80K1AA **Matrix.....:** WATER
MB Lot-Sample #: I7E180000-235

Prep Date.....: 05/17/07 **Analysis Time..:** 12:27
Analysis Date..: 05/17/07 **Prep Batch #...:** 7138235
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	111	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	89	(79 - 119)
Dibromofluoromethane	107	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JXDFC1AA **Matrix.....:** WATER
MB Lot-Sample #: I7E210000-214

Prep Date.....: 05/18/07 **Analysis Time..:** 13:06
Analysis Date..: 05/18/07 **Prep Batch #...:** 7141214
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(67 - 130)
Toluene-d8	95	(83 - 115)
4-Bromofluorobenzene	83	(79 - 119)
Dibromofluoromethane	98	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I7E120110 **Work Order #...:** JWXMG1AA **Matrix.....:** WATER
MB Lot-Sample #: I7E140000-459

Prep Date.....: 05/14/07 **Analysis Time..:** 17:36
Analysis Date..: 05/15/07 **Prep Batch #...:** 7134459
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Fluoranthene	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(28 - 120)
2-Fluorobiphenyl	78	(23 - 119)
Terphenyl-d14	89	(10 - 123)
2-Fluorophenol	93	(22 - 121)
Phenol-d5	97	(34 - 117)
2,4,6-Tribromophenol	88	(33 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I7E120110 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I7E140000-230 **Prep Batch #...:** 7134230						
Calcium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWW4L1AN
		Dilution Factor: 1				
		Analysis Time..: 10:13				
Magnesium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWW4L1AP
		Dilution Factor: 1				
		Analysis Time..: 10:13				
Potassium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWW4L1AQ
		Dilution Factor: 1				
		Analysis Time..: 10:13				
Sodium	ND	5.0	mg/L	SW846 6010B	05/14-05/15/07	JWW4L1AR
		Dilution Factor: 1				
		Analysis Time..: 10:13				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: I7E120110 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: JWWVV1AA		MB Lot-Sample #:	I7E140000-166	
	ND	0.50	mg/L	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1				
		Analysis Time..: 16:32				
Bromide		Work Order #: JW49X1AA		MB Lot-Sample #:	I7E170000-051	
	ND	0.50	mg/L	MCAWW 300.0A	05/16/07	7137051
		Dilution Factor: 1				
		Analysis Time..: 08:10				
Chloride		Work Order #: JW10G1AA		MB Lot-Sample #:	I7E150000-470	
	ND	1.0	mg/L	MCAWW 300.0A	05/14/07	7135470
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Chloride		Work Order #: JW74W1AA		MB Lot-Sample #:	I7E180000-087	
	ND	1.0	mg/L	MCAWW 300.0A	05/17/07	7138087
		Dilution Factor: 1				
		Analysis Time..: 08:11				
Chloride		Work Order #: JW9LM1AA		MB Lot-Sample #:	I7E180000-354	
	ND	1.0	mg/L	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 1				
		Analysis Time..: 08:18				
Nitrate as N		Work Order #: JWWV01AA		MB Lot-Sample #:	I7E140000-167	
	ND	0.50	mg/L	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1				
		Analysis Time..: 16:32				
Nitrate as N		Work Order #: JW10X1AA		MB Lot-Sample #:	I7E150000-482	
	ND	0.50	mg/L	MCAWW 300.0A	05/14/07	7135482
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Sulfate		Work Order #: JW10M1AA		MB Lot-Sample #:	I7E150000-477	
	ND	1.0	mg/L	MCAWW 300.0A	05/14/07	7135477
		Dilution Factor: 1				
		Analysis Time..: 08:12				
Sulfate		Work Order #: JW7421AA		MB Lot-Sample #:	I7E180000-086	
	ND	1.0	mg/L	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 1				
		Analysis Time..: 08:11				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: I7E120110 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		Work Order #: JW9LN1AA		MB Lot-Sample #: I7E180000-355		
	ND	1.0	mg/L	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 1				
		Analysis Time..: 08:18				
Total Alkalinity		Work Order #: JW2TN1AA		MB Lot-Sample #: I7E160000-174		
	ND	5.0	mg/L	MCAWW 310.1	05/16/07	7136174
		Dilution Factor: 1				
		Analysis Time..: 09:00				
Total Dissolved Solids		Work Order #: JWXT11AA		MB Lot-Sample #: I7E140000-530		
	ND	40.0	mg/L	MCAWW 160.1	05/14/07	7134530
		Dilution Factor: 1				
		Analysis Time..: 16:00				
Total Dissolved Solids		Work Order #: JW4PC1AA		MB Lot-Sample #: I7E160000-511		
	ND	40.0	mg/L	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1				
		Analysis Time..: 16:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JW5TE1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I7E170000-193 JW5TE1AD-LCSD
Prep Date.....: 05/16/07 **Analysis Date..:** 05/16/07
Prep Batch #...: 7137193 **Analysis Time..:** 11:12
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	91	(70 - 118)			SW846 8260B
	91	(70 - 118)	0.19	(0-20)	SW846 8260B
Ethylbenzene	98	(72 - 121)			SW846 8260B
	100	(72 - 121)	2.1	(0-20)	SW846 8260B
Toluene	95	(76 - 120)			SW846 8260B
	97	(76 - 120)	2.1	(0-20)	SW846 8260B
Xylenes (total)	95	(72 - 121)			SW846 8260B
	97	(72 - 121)	2.1	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(75 - 115)
	92	(75 - 115)
Toluene-d8	94	(90 - 114)
	97	(90 - 114)
4-Bromofluorobenzene	86	(86 - 117)
	89	(86 - 117)
Dibromofluoromethane	96	(81 - 110)
	97	(81 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JW80K1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I7E180000-235 JW80K1AD-LCSD
Prep Date.....: 05/17/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7138235 **Analysis Time..:** 10:48
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	97	(70 - 118)			SW846 8260B
	97	(70 - 118)	0.81	(0-20)	SW846 8260B
Ethylbenzene	96	(72 - 121)			SW846 8260B
	97	(72 - 121)	1.8	(0-20)	SW846 8260B
Toluene	92	(76 - 120)			SW846 8260B
	92	(76 - 120)	0.19	(0-20)	SW846 8260B
Xylenes (total)	96	(72 - 121)			SW846 8260B
	98	(72 - 121)	1.8	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	110	(75 - 115)
	111	(75 - 115)
Toluene-d8	97	(90 - 114)
	96	(90 - 114)
4-Bromofluorobenzene	90	(86 - 117)
	93	(86 - 117)
Dibromofluoromethane	106	(81 - 110)
	108	(81 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JXDFC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I7E210000-214 JXDFC1AD-LCSD
Prep Date.....: 05/18/07 **Analysis Date..:** 05/18/07
Prep Batch #...: 7141214 **Analysis Time..:** 11:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	98	(70 - 118)			SW846 8260B
	99	(70 - 118)	0.49	(0-20)	SW846 8260B
Ethylbenzene	99	(72 - 121)			SW846 8260B
	98	(72 - 121)	1.5	(0-20)	SW846 8260B
Toluene	97	(76 - 120)			SW846 8260B
	94	(76 - 120)	2.9	(0-20)	SW846 8260B
Xylenes (total)	99	(72 - 121)			SW846 8260B
	97	(72 - 121)	2.2	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(75 - 115)
	103	(75 - 115)
Toluene-d8	95	(90 - 114)
	96	(90 - 114)
4-Bromofluorobenzene	90	(86 - 117)
	91	(86 - 117)
Dibromofluoromethane	98	(81 - 110)
	102	(81 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7E120110 **Work Order #...:** JWXMG1AC **Matrix.....:** WATER
LCS Lot-Sample#: I7E140000-459
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 18:07
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	79	(60 - 102)	SW846 8270C
Acenaphthylene	81	(59 - 100)	SW846 8270C
Anthracene	81	(60 - 102)	SW846 8270C
Benzo(a)anthracene	80	(58 - 102)	SW846 8270C
Benzo(a)pyrene	79	(57 - 103)	SW846 8270C
Benzo(b)fluoranthene	85	(55 - 99)	SW846 8270C
Benzo(ghi)perylene	79	(52 - 112)	SW846 8270C
Benzo(k)fluoranthene	76	(56 - 112)	SW846 8270C
Chrysene	72	(59 - 105)	SW846 8270C
Dibenz(a,h)anthracene	63	(56 - 110)	SW846 8270C
Fluoranthene	85	(58 - 106)	SW846 8270C
Fluorene	80	(61 - 104)	SW846 8270C
Indeno(1,2,3-cd)pyrene	76	(57 - 110)	SW846 8270C
Naphthalene	79	(58 - 101)	SW846 8270C
Phenanthrene	85	(59 - 108)	SW846 8270C
Pyrene	81	(62 - 104)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(28 - 120)
2-Fluorobiphenyl	92	(23 - 119)
Terphenyl-d14	92	(10 - 123)
2-Fluorophenol	95	(22 - 121)
Phenol-d5	101	(34 - 117)
2,4,6-Tribromophenol	96	(33 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7E120110 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I7E140000-230 **Prep Batch #...:** 7134230					
Calcium	103	(80 - 120)	SW846 6010B	05/14-05/15/07	JWW4L1A4
		Dilution Factor: 1		Analysis Time..: 10:18	
Magnesium	100	(80 - 120)	SW846 6010B	05/14-05/15/07	JWW4L1A5
		Dilution Factor: 1		Analysis Time..: 10:18	
Potassium	98	(80 - 120)	SW846 6010B	05/14-05/15/07	JWW4L1A6
		Dilution Factor: 1		Analysis Time..: 10:18	
Sodium	100	(80 - 120)	SW846 6010B	05/14-05/15/07	JWW4L1A7
		Dilution Factor: 1		Analysis Time..: 10:18	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: I7E120110 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:JW2TN1AC-LCS/JW2TN1AD-LCSD				LCS Lot-Sample#: I7E160000-174	
	103	(90 - 110)			MCAWW 310.1	05/16/07	7136174
	101	(90 - 110)	2.0	(0-20)	MCAWW 310.1	05/16/07	7136174

Dilution Factor: 1 Analysis Time..: 09:00

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7E120110 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		Work Order #: JWWVV1AC LCS Lot-Sample#: I7E140000-166			
	99	(90 - 110)	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1	Analysis Time..: 16:47		
Bromide		Work Order #: JW49X1AC LCS Lot-Sample#: I7E170000-051			
	100	(90 - 110)	MCAWW 300.0A	05/16/07	7137051
		Dilution Factor: 1	Analysis Time..: 08:25		
Chloride		Work Order #: JW10G1AC LCS Lot-Sample#: I7E150000-470			
	92	(90 - 110)	MCAWW 300.0A	05/14/07	7135470
		Dilution Factor: 1	Analysis Time..: 08:27		
Chloride		Work Order #: JW74W1AC LCS Lot-Sample#: I7E180000-087			
	94	(90 - 110)	MCAWW 300.0A	05/17/07	7138087
		Dilution Factor: 1	Analysis Time..: 08:26		
Chloride		Work Order #: JW9LM1AC LCS Lot-Sample#: I7E180000-354			
	93	(90 - 110)	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 1	Analysis Time..: 08:33		
Nitrate as N		Work Order #: JWWV01AC LCS Lot-Sample#: I7E140000-167			
	98	(90 - 110)	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1	Analysis Time..: 16:47		
Nitrate as N		Work Order #: JW10X1AC LCS Lot-Sample#: I7E150000-482			
	90	(90 - 110)	MCAWW 300.0A	05/14/07	7135482
		Dilution Factor: 1	Analysis Time..: 08:27		
Sulfate		Work Order #: JW10M1AC LCS Lot-Sample#: I7E150000-477			
	90	(90 - 110)	MCAWW 300.0A	05/14/07	7135477
		Dilution Factor: 1	Analysis Time..: 08:27		
Sulfate		Work Order #: JW7421AC LCS Lot-Sample#: I7E180000-086			
	99	(90 - 110)	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 1	Analysis Time..: 08:26		
Sulfate		Work Order #: JW9LN1AC LCS Lot-Sample#: I7E180000-355			
	97	(90 - 110)	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 1	Analysis Time..: 08:33		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7E120110 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: JWXT11AC	LCS Lot-Sample#: I7E140000-530		
	99	(87 - 113)	MCAWW 160.1	05/14/07	7134530
		Dilution Factor: 1	Analysis Time..: 16:02		
Total Dissolved Solids		Work Order #: JW4PC1AC	LCS Lot-Sample#: I7E160000-511		
	102	(87 - 113)	MCAWW 160.1	05/16/07	7136511
		Dilution Factor: 1	Analysis Time..: 16:02		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JWPRA1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: I7E100360-018 JWPRA1AE-MSD
Date Sampled...: 05/09/07 12:51 **Date Received..:** 05/10/07 14:38
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7137193 **Analysis Time..:** 03:26
Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	93	(70 - 118)			SW846 8260B
	91	(70 - 118)	2.4	(0-20)	SW846 8260B
Ethylbenzene	92	(72 - 121)			SW846 8260B
	89	(72 - 121)	3.5	(0-20)	SW846 8260B
Toluene	86	(76 - 120)			SW846 8260B
	84	(76 - 120)	2.4	(0-20)	SW846 8260B
Xylenes (total)	93	(72 - 121)			SW846 8260B
	89	(72 - 121)	4.4	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	125	(67 - 130)
	115	(67 - 130)
Toluene-d8	97	(83 - 115)
	97	(83 - 115)
4-Bromofluorobenzene	99	(79 - 119)
	93	(79 - 119)
Dibromofluoromethane	114	(88 - 119)
	111	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JWVKT1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: I7E120110-003 JWVKT1AU-MSD
Date Sampled...: 05/09/07 15:20 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/17/07 **Analysis Date..:** 05/17/07
Prep Batch #...: 7138235 **Analysis Time..:** 23:34
Dilution Factor: 200

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	105	(70 - 118)			SW846 8260B
	101	(70 - 118)	1.2	(0-20)	SW846 8260B
Ethylbenzene	100	(72 - 121)			SW846 8260B
	100	(72 - 121)	0.30	(0-20)	SW846 8260B
Toluene	97	(76 - 120)			SW846 8260B
	98	(76 - 120)	0.53	(0-20)	SW846 8260B
Xylenes (total)	97	(72 - 121)			SW846 8260B
	99	(72 - 121)	1.5	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(67 - 130)
	99	(67 - 130)
Toluene-d8	97	(83 - 115)
	95	(83 - 115)
4-Bromofluorobenzene	90	(79 - 119)
	88	(79 - 119)
Dibromofluoromethane	100	(88 - 119)
	99	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: I7E120110 **Work Order #...:** JW5RP1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: I7E170148-002 JW5RP1AD-MSD
Date Sampled...: 05/07/07 11:50 **Date Received..:** 05/17/07 08:00
Prep Date.....: 05/18/07 **Analysis Date..:** 05/18/07
Prep Batch #...: 7141214 **Analysis Time..:** 22:06
Dilution Factor: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	95	(70 - 118)			SW846 8260B
	99	(70 - 118)	4.2	(0-20)	SW846 8260B
Ethylbenzene	88	(72 - 121)			SW846 8260B
	100	(72 - 121)	5.4	(0-20)	SW846 8260B
Toluene	89	(76 - 120)			SW846 8260B
	98	(76 - 120)	9.0	(0-20)	SW846 8260B
Xylenes (total)	86	(72 - 121)			SW846 8260B
	99	(72 - 121)	4.4	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	124	(67 - 130)
	116	(67 - 130)
Toluene-d8	96	(83 - 115)
	96	(83 - 115)
4-Bromofluorobenzene	90	(79 - 119)
	88	(79 - 119)
Dibromofluoromethane	103	(88 - 119)
	97	(88 - 119)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7E120110 **Work Order #...:** JWVLJ1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: I7E120110-008 JWVLJ1AU-MSD
Date Sampled...: 05/09/07 10:30 **Date Received..:** 05/12/07 09:00
Prep Date.....: 05/14/07 **Analysis Date..:** 05/15/07
Prep Batch #...: 7134459 **Analysis Time..:** 19:08
Dilution Factor: 0.97

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	66	(60 - 102)			SW846 8270C
	69	(60 - 102)	4.2	(0-20)	SW846 8270C
Acenaphthylene	65	(59 - 100)			SW846 8270C
	79	(59 - 100)	19	(0-20)	SW846 8270C
Anthracene	76	(60 - 102)			SW846 8270C
	80	(60 - 102)	5.6	(0-20)	SW846 8270C
Benzo(a)anthracene	77	(58 - 102)			SW846 8270C
	81	(58 - 102)	5.2	(0-20)	SW846 8270C
Benzo(a)pyrene	76	(57 - 103)			SW846 8270C
	79	(57 - 103)	4.5	(0-20)	SW846 8270C
Benzo(b)fluoranthene	74	(55 - 99)			SW846 8270C
	83	(55 - 99)	12	(0-20)	SW846 8270C
Benzo(ghi)perylene	78	(52 - 112)			SW846 8270C
	81	(52 - 112)	2.7	(0-20)	SW846 8270C
Benzo(k)fluoranthene	76	(56 - 112)			SW846 8270C
	75	(56 - 112)	1.8	(0-20)	SW846 8270C
Chrysene	69	(59 - 105)			SW846 8270C
	72	(59 - 105)	3.9	(0-20)	SW846 8270C
Dibenz(a,h)anthracene	62	(56 - 110)			SW846 8270C
	65	(56 - 110)	4.2	(0-20)	SW846 8270C
Fluoranthene	80	(58 - 106)			SW846 8270C
	83	(58 - 106)	3.4	(0-20)	SW846 8270C
Fluorene	62	(61 - 104)			SW846 8270C
	72	(61 - 104)	15	(0-20)	SW846 8270C
Indeno(1,2,3-cd)pyrene	75	(57 - 110)			SW846 8270C
	78	(57 - 110)	3.8	(0-20)	SW846 8270C
Naphthalene	57 a	(58 - 101)			SW846 8270C
	68	(58 - 101)	18	(0-20)	SW846 8270C
Phenanthrene	79	(59 - 108)			SW846 8270C
	84	(59 - 108)	5.3	(0-20)	SW846 8270C
Pyrene	79	(62 - 104)			SW846 8270C
	83	(62 - 104)	5.4	(0-20)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(28 - 120)
	77	(28 - 120)
2-Fluorobiphenyl	67	(23 - 119)
	80	(23 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I7E120110 **Work Order #...:** JWVLJ1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: I7E120110-008 JWVLJ1AU-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	92	(10 - 123)
	95	(10 - 123)
2-Fluorophenol	66	(22 - 121)
	80	(22 - 121)
Phenol-d5	74	(34 - 117)
	89	(34 - 117)
2,4,6-Tribromophenol	87	(33 - 124)
	96	(33 - 124)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I7E120110 **Matrix.....:** WATER
Date Sampled...: 05/08/07 10:15 **Date Received..:** 05/09/07 10:43

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I7E090283-001 **Prep Batch #...:** 7134230							
Calcium	96	(75 - 125)			SW846 6010B	05/14-05/15/07	JWK341CC
	100	(75 - 125)	1.4	(0-20)	SW846 6010B	05/14-05/15/07	JWK341CD
		Dilution Factor: 1					
		Analysis Time..: 10:42					
Magnesium	101	(75 - 125)			SW846 6010B	05/14-05/15/07	JWK341CF
	103	(75 - 125)	1.2	(0-20)	SW846 6010B	05/14-05/15/07	JWK341CG
		Dilution Factor: 1					
		Analysis Time..: 10:42					
Potassium	109	(75 - 125)			SW846 6010B	05/14-05/15/07	JWK341CJ
	110	(75 - 125)	0.88	(0-20)	SW846 6010B	05/14-05/15/07	JWK341CK
		Dilution Factor: 1					
		Analysis Time..: 10:42					
Sodium	89	(75 - 125)			SW846 6010B	05/14-05/15/07	JWK341CM
	96	(75 - 125)	1.2	(0-20)	SW846 6010B	05/14-05/15/07	JWK341CN
		Dilution Factor: 1					
		Analysis Time..: 10:42					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7E120110 **Matrix.....:** WATER
Date Sampled...: 05/07/07 **Date Received..:** 05/09/07 08:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bromide		WO#: JWT831AT-MS/JWT831AU-MSD				MS Lot-Sample #:	I7E120110-001
	106	(90 - 110)			MCAWW 300.0A	05/12/07	7134166
	107	(90 - 110)	0.35	(0-20)	MCAWW 300.0A	05/12/07	7134166
		Dilution Factor: 1					
		Analysis Time..: 17:47					
Bromide		WO#: JWVK81AT-MS/JWVK81AU-MSD				MS Lot-Sample #:	I7E120110-006
	98	(90 - 110)			MCAWW 300.0A	05/16/07	7137051
	99	(90 - 110)	0.93	(0-20)	MCAWW 300.0A	05/16/07	7137051
		Dilution Factor: 1					
		Analysis Time..: 15:09					
Chloride		WO#: JVWRH1AE-MS/JVWRH1AF-MSD				MS Lot-Sample #:	I7D280163-001
	62 N	(90 - 110)			MCAWW 300.0A	05/14/07	7135470
	56 N	(90 - 110)	2.0	(0-20)	MCAWW 300.0A	05/14/07	7135470
		Dilution Factor: 1					
		Analysis Time..: 08:57					
Chloride		WO#: JWJ571AX-MS/JWJ571A0-MSD				MS Lot-Sample #:	I7E090176-001
	98	(90 - 110)			MCAWW 300.0A	05/17/07	7138087
	98	(90 - 110)	0.04	(0-20)	MCAWW 300.0A	05/17/07	7138087
		Dilution Factor: 50					
		Analysis Time..: 08:56					
Chloride		WO#: JWVLN1AT-MS/JWVLN1AU-MSD				MS Lot-Sample #:	I7E120110-009
	85 N	(90 - 110)			MCAWW 300.0A	05/18/07	7138354
	97	(90 - 110)	6.3	(0-20)	MCAWW 300.0A	05/18/07	7138354
		Dilution Factor: 50					
		Analysis Time..: 09:03					
Nitrate as N		WO#: JWT831AV-MS/JWT831AW-MSD				MS Lot-Sample #:	I7E120110-001
	100	(90 - 110)			MCAWW 300.0A	05/12/07	7134167
	99	(90 - 110)	0.63	(0-20)	MCAWW 300.0A	05/12/07	7134167
		Dilution Factor: 1					
		Analysis Time..: 17:47					
Sulfate		WO#: JVWRH1AG-MS/JVWRH1AH-MSD				MS Lot-Sample #:	I7D280163-001
	79 N	(90 - 110)			MCAWW 300.0A	05/14/07	7135477
	76 N	(90 - 110)	2.4	(0-20)	MCAWW 300.0A	05/14/07	7135477
		Dilution Factor: 1					
		Analysis Time..: 08:57					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7E120110 **Matrix.....:** WATER
Date Sampled...: 05/07/07 **Date Received..:** 05/09/07 08:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Sulfate		WO#: JWJ571A1-MS/JWJ571A2-MSD				MS Lot-Sample #: I7E090176-001	
	95	(90 - 110)			MCAWW 300.0A	05/17/07	7138086
	96	(90 - 110)	1.0	(0-20)	MCAWW 300.0A	05/17/07	7138086
		Dilution Factor: 50					
		Analysis Time..: 08:56					
Sulfate		WO#: JWVLN1AV-MS/JWVLN1AW-MSD				MS Lot-Sample #: I7E120110-009	
	689 N	(90 - 110)			MCAWW 300.0A	05/18/07	7138355
	787 N	(90 - 110)	9.7	(0-20)	MCAWW 300.0A	05/18/07	7138355
		Dilution Factor: 50					
		Analysis Time..: 09:03					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I7E120110 **Work Order #...:** JWMM0-SMP **Matrix.....:** WATER
JWMM0-DUP

Date Sampled...: 05/08/07 11:07 **Date Received..:** 05/10/07 08:15

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: I7E100134-012		
	1840	1840	mg/L	0.0	(0-20)	MCAWW 160.1	05/14/07	7134530

Dilution Factor: 1 Analysis Time..: 16:14

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I7E120110 **Work Order #...:** JWVK3-SMP JWVK3-DUP **Matrix.....:** WATER

Date Sampled...: 05/08/07 11:20 **Date Received..:** 05/12/07 09:00

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I7E120110-005		
	197	202	mg/L	2.3	(0-20)	MCAWW 310.1	05/16/07	7136170
			Dilution Factor: 1			Analysis Time..: 09:00		
Carbonate Alkalinity						SD Lot-Sample #: I7E120110-005		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/16/07	7136169
			Dilution Factor: 1			Analysis Time..: 09:00		
Total Alkalinity						SD Lot-Sample #: I7E120110-005		
	197	202	mg/L	2.3	(0-20)	MCAWW 310.1	05/16/07	7136174
			Dilution Factor: 1			Analysis Time..: 09:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I7E120110 **Work Order #...:** JW09X-SMP JW09X-DUP **Matrix.....:** WATER

Date Sampled...: 05/14/07 12:00 **Date Received..:** 05/15/07 13:00

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: I7E150234-001		
	1070	1060	mg/L	0.94	(0-20)	MCAWW 160.1	05/16/07	7136511

Dilution Factor: 1 Analysis Time..: 16:34

Report Attachment

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of the NELAC standards. All data have been found to be compliant with laboratory protocol except as otherwise noted.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SDL (sample detection limit).

STL

CHAIN–OF–CUSTODY ADDENDUM

Lot No: E7E120110

RECEIVED BY: [signature]

COC NUMBER:

DATE/TIME RECEIVED: 5-12-07 0900

QUOTE/PROFILE: 47065

UNPACKED DATE/TIME: 5-12-07 1030

CLIENT/PROJECT: Tetra Tech

SAMPLES LOGGED IN: CC

LOG-IN REVIEWED: MM

Number of Shipping Containers Received with Chain of Custody 6

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: CC

Container Sealed: ☐ YES ☐ NO — Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☐ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed:	☐ YES ☐ NO	Samples Received Match Chain:	☐ YES ☐ NO
Canister Valves Capped:	☐ YES ☐ NO	Other Equipment Received:	☐ YES ☐ NO
Valve Cap Tightened Properly:	☐ YES ☐ NO	See Additional Comments (Section 5.0 and / or 7.0)	☐ YES ☐ NO
Packing Material Used: (circle)		Chain-of-Custody form properly maintained:	☐ YES ☐ NO
None / Absorbent / Paper / Bubble Wrap		Can Size: ☐ 6L ☐ 15L Other	

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: CC **IR THERMOMETER #:** 04

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container *[acceptable tolerance 4°C ± 2°]*

TB (0)	TB (0)	TB (0)	TB (0)	TB (0)	TB (0)	TB	TB	TB	TB
SC 2.3	SC 2.9	SC 2.5	SC 2.4	SC 2.3	SC 2.6	SC	SC	SC	SC

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☐ NA ☑ YES ☑ VOA Samples **VERIFIED BY:** CC

NOTE: pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12:	☐ YES ☐ NO	Acid preserved are<pH 2:	☑ YES ☐ NO
Cyanide samples checked for sulfides:	☐ YES	Sulfide samples appear to be preserved with zinc acetate:	☐ YES ☐ NO
Samples checked for chlorine per specification (N.C.)	☐ YES	Free chlorine present:	☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM).

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace	Sample ID	mm Headspace

STL

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7E120110

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: CC

Samples received match COC:	☐ YES	☑ NO	Bottles received intact:	☐ YES	☐ NO
See additional discrepancies/comments section:	☑ YES	☐ NO	Samples received from USDA restricted area:	☐ YES	☑ NO
Chain-of-Custody form properly maintained:	☑ YES	☐ NO	VOA trip blanks included: 2x40ml	☑ YES ☐ NO	☐ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

Sample MW-4 Received 3x1L
Sample MW-2 Received only 2x1L

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: CMB Date: 5-25-07

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

3

Chain of Custody Record

STL4149 (1202)

CHAIN OF CUSTODY NUMBER

$0012512-001

I7E12G110

SEVERN TRENT **STL**®

Severn Trent Laboratories, Inc.

79283

Client	Project Manager	Date	Page 1 of 5
Maxim Technologies	Greg Pope	05/02/2007	
Address: 1703 W Industrial Ave	Telephone Number (Area Code)/Fax Number: (432) 686-8081 / (000)	Lab Location: STL Austin	Analysis
City: Midland · State: TX · Zip Code: 79701	Site Contact: Greg Pope		
Project Number/Name: 6519 Maljamar Gas Plant	Carrier/Waybill Number: Fed Ex ~~[illegible]~~ 8604 6755 8111		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : R/450TBD..../1/000010124972-00013/		QUOTE: 42065	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	No.	Preservative	Condition on Receipt/Comments	MS8260|L	MT6010|L	ALK|HCO3	ALK|CO3	ALK|T	CL NO4	BR SO4	TDS	MS8270CL
MW-2	5/10/07	11:50	WATER	1L	AMBER	3	None	L.S. 5-12-07									X
MW-2	↓	↓	WATER	40mL	VIAL	4	1:1 HCL	SEE ADD	X								
MW-2			WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-2			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-4	5/10/07	8:05	WATER	1L	AMBER	2	None										X
MW-4	↓	↓	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-4			WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-4			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
~~MW-5~~			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~										~~X~~
~~MW-5~~			~~WATER~~	~~40mL~~	~~VIAL~~	~~4~~	~~1:1 HCL~~		~~X~~								
~~MW-5~~			~~WATER~~	~~250mL~~	~~PLASTIC~~	~~1~~	~~Conc HNO3~~			~~X~~							
~~MW-5~~			~~WATER~~	~~500mL~~	~~PLASTIC~~	~~1~~	~~None~~				~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	
MW-6	5/9/07	15:20	WATER	1L	AMBER	2	None										X
MW-6	↓	↓	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-6			WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-6			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	

Special Instructions: 8260 BTEX; 8270 PAHs; 6010 Ca,Mg,Na,K   SAMPLER TO ADD TRIP BLANKS TO COC AS NEEDED

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	5/11/07	9:00	[signature]	5-12-07	0900
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@012512-002

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

79284

STL4149 (1202)

Client	Project Manager	Date	Page 2 of 5
Maxim Technologies	Greg Pope	05/02/2007	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
1703 W Industrial Ave	(432) 686-8081 / (000)	STL Austin	
City / **State** / **Zip Code**	**Site Contact**		
Midland / TX / 79701	Greg Pope		
Project Number/Name	**Carrier/Waybill Number**		
6519 Maljamar Gas Plant	Fed Ex 8604 6755 8111		

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : R/450TBD..../1/000010124972-00013/ QUOTE: 42065

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	MS 8260	MT 6010	ALK	ALK	ALK	CL	BR	TDS	MS 8270	
MW-10	5/9/07	12:55	WATER	1L	AMBER	2	None	2.9° 5-12-07									X	
MW-10			WATER	40mL	VIAL	4	1:1 HCL		X									
MW-10			WATER	250mL	PLASTIC	1	Conc HNO3			X								
MW-10			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X		
MW-11	5/8/07	11:20	WATER	1L	AMBER	2	None										X	
MW-11			WATER	40mL	VIAL	4	1:1 HCL		X									
MW-11			WATER	250mL	PLASTIC	1	Conc HNO3			X								
MW-11			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X		
MW-12			WATER	1L	AMBER	2	None										X	
MW-12	5/9/07	13:45	WATER	40mL	VIAL	4	1:1 HCL		X									
MW-12			WATER	250mL	PLASTIC	1	Conc HNO3			X								
MW-12			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X		
MW-13	5/8/07	13:50	WATER	1L	AMBER	2	None										X	
MW-13			WATER	40mL	VIAL	4	1:1 HCL		X									
MW-13			WATER	250mL	PLASTIC	1	Conc HNO3			X								
MW-13			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X		

Special Instructions: 8260 BTEX; 8270 PAHs; 6010 Ca,Mg,Na,K — SAMPLER TO ADD TRIP BLANKS TO COC AS NEEDED

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other ____

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Laura Ste	5/11/07	9:00	1. Received By	5-12-07	0900
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@012512-003

SEVERN TRENT STL®
Severn Trent Laboratories, Inc.

79285

STL4149 (1202)

Client	Project Manager	Date	Page 3 of 5
Maxim Technologies	Greg Pope	05/02/2007	
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	
1703 W Industrial Ave	(432) 686-8081 / (000)	STL Austin	
City / **State** / **Zip Code**	**Site Contact**		
Midland / TX / 79701	Greg Pope		
Project Number/Name	**Carrier/Waybill Number**		
6519 Maljamar Gas Plant	Fed Ex 8604 6755 8111		

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : R/4507BD..../1/000010124972-00013/ QUOTE: 42065

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: MS 8260	MT 6010	ALK-HCO3	ALK-HCO3	ALK-HCO3	CL	BR	TDS	KS 8270 CL
MW-14	5/9/07	10:30	WATER	1L	AMBER	2	None	2.5° 5-12-07CC									X
MW-14			WATER	40mL	VIAL	4	1:1 HCL		X								
MW-14			WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-14			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-15	5/10/07	7:30	WATER	1L	AMBER	2	None										X
MW-15			WATER	40mL	VIAL	4	1:1 HCL		X								
MW-15			WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-15			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-16	5/9/07	9:45	WATER	1L	AMBER	2	None										X
MW-16			WATER	40mL	VIAL	4	1:1 HCL		X								
MW-16			WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-16			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-17	5/9/07	14:50	WATER	1L	AMBER	2	None										X
MW-17			WATER	40mL	VIAL	4	1:1 HCL		X								
MW-17			WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-17			WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	

Special Instructions: 8260 BTEX; 8270 PAHs; 6010 Ca,Mg,Na,K — SAMPLER TO ADD TRIP BLANKS TO COC AS NEEDED

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other _____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/11/07	9:00	1. Received By	5-12-07	0700
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

120/122

:3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0012512-004

SEVERN TRENT **STL**® 79286
Severn Trent Laboratories, Inc.

STL4149 (1202)

Client: Maxim Technologies	Project Manager: Greg Pope	Date: 05/02/2007
Address: 1703 W Industrial Ave	Telephone Number (Area Code)/Fax Number: (432) 686-8081 / (000)	Lab Location: STL Austin
City: Midland · State: TX · Zip Code: 79701	Site Contact: Greg Pope	
Project Number/Name: 6519 Maljamar Gas Plant	Carrier/Waybill Number: Fed Ex 8604 6755 8111	
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : R/450TBD..../1/000010124972-00013/		QUOTE: 42065

Page 4 of 5

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260-LL	MT6010-LL	ALK-HCO3	ALK-CO3	ALK-T	CL NO4	BR SO4	TDS	MS8270CL
NW-18	5/9/07	12:10	WATER	1L	AMBER	2	None	2.9°C 5-12-07									X
NW-18	↓	↓	WATER	40mL	VIAL	4	1:1 HCL		X								
NW-18	↓	↓	WATER	250mL	PLASTIC	1	Conc HNO3			X							
NW-18	↓	↓	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
NW-19	5/9/07	14:30	WATER	1L	AMBER	2	None										X
NW-19	↓	↓	WATER	40mL	VIAL	4	1:1 HCL		X								
NW-19	↓	↓	WATER	250mL	PLASTIC	1	Conc HNO3			X							
NW-19	↓	↓	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
~~NW-20~~	X	X	~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~										X
~~NW-20~~	X	X	~~WATER~~	~~40mL~~	~~VIAL~~	~~4~~	~~1:1 HCL~~		X								
~~NW-20~~	X	X	~~WATER~~	~~250mL~~	~~PLASTIC~~	~~1~~	~~Conc HNO3~~			X							
~~NW-20~~	X	X	~~WATER~~	~~500mL~~	~~PLASTIC~~	~~1~~	~~None~~				X	X	X	X	X	X	
DUP-1	5/9/07	X	WATER	1L	AMBER	2	None										X
DUP-1	↓		WATER	40mL	VIAL	4	1:1 HCL		X								
DUP-1	↓		WATER	250mL	PLASTIC	1	Conc HNO3			X							
DUP-1	↓		WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	

Special Instructions: 8260 BTEX; 8270 PAHs; 6010 Ca,Mg,Na,K   SAMPLER TO ADD TRIP BLANKS TO COC AS NEEDED

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ______ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other ______

QC Level: [ ] I. [ ] II. [ ] III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/11/07	9:00	1. Received By: [signature]	5-12-07	0800
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

121/122

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

3

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0012512-005

SEVERN TRENT **STL**®
Severn Trent Laboratories, Inc.

79287

STL4149 (1202)

Client	Project Manager	Date	Page 5 of 5
Maxim Technologies	Greg Pope	05/02/2007	
Address: 1703 W Industrial Ave	Telephone Number (Area Code)/Fax Number: (432) 686-8081 / (000)	Lab Location: STL Austin	Analysis
City: Midland; State: TX; Zip Code: 79701	Site Contact: Greg Pope		
Project Number/Name: 6519 Maljamar Gas Plant	Carrier/Waybill Number: Fed Ex 8604 6755 8111		
Contract/Purchase Order/Quote Number: CONTRACT / PURCHASE ORDER # : R/450TBD..../1/000010124972-00013/		QUOTE: 42065	

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	No.	Preservative	Condition on Receipt/Comments	MS8260|L	MT6010|L	ALK|HCO3	ALK|CO3	ALK|T	CL NO4	BR SO4	TDS	MS8270CL
WW	5/9/07	15:05	WATER	1L	AMBER	2	None	2.5° 522857 CL									X
WW	↓	↓	WATER	40mL	VIAL	4	1:1 HCL		X								
WW	↓	↓	WATER	250mL	PLASTIC	1	Conc HNO3			X							
WW	↓	↓	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
DUP-2	5/9/07	X	WATER	1L	AMBER	2	None										X
DUP-2	↓	X	WATER	40mL	VIAL	4	1:1 HCL		X								
DUP-2	↓	X	WATER	250mL	PLASTIC	1	Conc HNO3			X							
DUP-2	↓	X	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-7	5/10/07	10:15	WATER	1L	AMBER	2	None										X
↓	↓	↓	WATER	40mL	VIAL	4	1:1 HCL		X								
↓	↓	↓	WATER	250mL	PLASTIC	1	Conc HNO3			X							
↓	↓	↓	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
~~.~~			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~										~~X~~
Trip Blank			WATER	40mL	VIAL	4	1:1 HCL		X								
.			~~WATER~~	~~250mL~~	~~PLASTIC~~	~~1~~	~~Conc HNO3~~			~~X~~							
.			~~WATER~~	~~500mL~~	~~PLASTIC~~	~~1~~	~~None~~				~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	

Special Instructions: 8260 BTEX; 8270 PAHs; 6010 Ca,Mg,Na,K   SAMPLER TO ADD TRIP BLANKS TO COC AS NEEDED

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☒ Normal ☐ Rush ☐ Other ____

QC Level: ☐ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: [signature]	5/11/07	9:00	1. Received By: [signature]	5-12-07	0900
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

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ANALYTICAL REPORT

PROJECT NO. MALJAMAR, NM

6530 Maljamar E & P

Lot #: I7G230157

Greg Pope

Tetra Tech, Inc.
1703 W Industrial Ave
Midland, TX 79701

TESTAMERICA LABORATORIES, INC. (FKA STL)

Carla Butler

Carla M. Butler
Project Manager

August 2, 2007

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

Case Narrative

LOT NUMBER: **I7G230157**

This report contains the analytical results for the sample received under chain of custody by TestAmerica Laboratories Inc. (FKA STL) on July 23, 2007. This sample is associated with your 6530 Maljamar E & P project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method-specified acceptance criteria except where noted in the case narrative or flagged on the result pages.

If you have any questions, please feel free to call me at (512) 310-5318.

EXECUTIVE SUMMARY - Detection Highlights

I7G230157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
EW-1 07/19/07 03:35 001				
Total Dissolved Solids	3370	40.0	mg/L	MCAWW 160.1
Chloride	1820	200	mg/L	MCAWW 300.0A

PREPARATION METHODS SUMMARY

I7G230157

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Chloride	MCAWW 300.0A	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

METHOD / ANALYST SUMMARY

I7G230157

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	William Jenkins	000069
MCAWW 300.0A	David A. Tocher	800002

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

I7G230157

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3D6X	001	EW-1	07/19/07	03:35

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I7G230157

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7207505	7207293
	WATER	MCAWW 300.0A		7213101	7213063

ConocoPhillips Company

Client Sample ID: EW-1

General Chemistry

Lot-Sample #...: I7G230157-001 Work Order #...: J3D6X Matrix.....: WATER
Date Sampled...: 07/19/07 03:35 Date Received..: 07/21/07 08:30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	1820	200	mg/L	MCAWW 300.0A	07/31/07	7213101
	Dilution Factor: 200			Analysis Time..: 16:18		
Total Dissolved Solids	3370	40.0	mg/L	MCAWW 160.1	07/26/07	7207505
	Dilution Factor: 1			Analysis Time..: 15:04		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: I7G230157 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J30EC1AA		MB Lot-Sample #: I7H010000-101		
	ND	1.0	mg/L	MCAWW 300.0A	07/31/07	7213101
		Dilution Factor: 1				
		Analysis Time..: 08:34				
Total Dissolved Solids		Work Order #: J3M2C1AA		MB Lot-Sample #: I7G260000-505		
	ND	40.0	mg/L	MCAWW 160.1	07/26/07	7207505
		Dilution Factor: 1				
		Analysis Time..: 15:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7G230157 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J30EC1AC	LCS Lot-Sample#: I7H010000-101		
	90	(90 - 110)	MCAWW 300.0A	07/31/07	7213101
		Dilution Factor: 1	Analysis Time..: 12:18		
Total Dissolved Solids		Work Order #: J3M2C1AC	LCS Lot-Sample#: I7G260000-505		
	99	(87 - 113)	MCAWW 160.1	07/26/07	7207505
		Dilution Factor: 1	Analysis Time..: 15:02		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7G230157 **Matrix.....:** WATER
Date Sampled...: 07/19/07 08:30 **Date Received..:** 07/21/07 08:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		WO#: J3DNX1CF-MS/J3DNX1CG-MSD				MS Lot-Sample #: I7G230112-001	
	92	(90 - 110)			MCAWW 300.0A	07/31/07	7213101
	93	(90 - 110)	0.71	(0-20)	MCAWW 300.0A	07/31/07	7213101
		Dilution Factor: 1					
		Analysis Time..: 09:18					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I7G230157 **Work Order #...:** J3F7R-SMP J3F7R-DUP **Matrix.....:** WATER

Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/24/07 12:35

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: I7G240205-002		
	650	654	mg/L	0.61	(0-20)	MCAWW 160.1	07/26/07	7207505
			Dilution Factor: 1			Analysis Time..: 15:12		

Report Attachment

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of the NELAC standards. All data have been found to be compliant with laboratory protocol except as otherwise noted.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SDL (sample detection limit).

STL

CHAIN-OF-CUSTODY ADDENDUM

Lot No: T76230157

RECEIVED BY: Steve Hemy

COC NUMBER:

DATE/TIME RECEIVED: 7-21-07 8:30

QUOTE/PROFILE: 76207

UNPACKED DATE/TIME: 7-21-07 11:55

CLIENT/PROJECT: TETRA TECH

SAMPLES LOGGED IN: SRA

LOG-IN REVIEWED: MK

Number of Shipping Containers Received with Chain of Custody 1

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: SRA

Container Sealed: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO Samples Received Match Chain: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Packing Material Used: (circle) Chain-of-Custody form properly maintained: ☐ YES ☐ NO

None / Absorbent / Paper / Bubble Wrap Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: SRA **IR THERMOMETER #:** P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container *[acceptable tolerance 4°C ± 2°]*

TB (SC) 2.1°C	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC	TB SC

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☐ VOA Samples **VERIFIED BY:** SRA

NOTE: pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM).

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

STL

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7G230157

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: [illegible]

Samples received match COC: ☑ YES ☐ NO
Bottles received intact: ☑ YES ☐ NO
See additional discrepancies/comments section: ☐ YES ☑ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
Chain-of-Custody form properly maintained: ☑ YES ☐ NO
VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

_____

_____

_____

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

_____

_____

_____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: _____ Date: ~~7-27-07~~ 7-27-07

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

I76230157

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

023404

STL4149 (1202)

Client: TETRA TECH	Project Manager: GREG POPE	Date: 7/19/07	Page 1 of 1
Address: 1703 W. INDUSTRIAL	Telephone Number (Area Code)/Fax Number: 432.686.8081/432.686.8085	Lab Location: AUSTIN, TX	Analysis
City: MIDLAND; State: TX; Zip Code: 79701	Site Contact: CONOCOPHILLIPS		
Project Number/Name: 06530/ MALJAMAR E&P	Carrier/Waybill Number: FEDEX / 861376072061		
Contract/Purchase Order/Quote Number: REQ# 0000010109455-0004 / PO# 4506830155 / LINE# 1			

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	CHLORIDES	TDS
EW-1	7/19/07	3:35	AQ	1L.	POLY	1	4°C	2.1°C SAA 7-21-07	XX	

Special Instructions: SAP PROJ# WA0.000.6530.00.RM.0000010109455 (HZ)

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [X] Normal [ ] Rush [ ] Other _____

QC Level: [X] I. [ ] II. [ ] III.

Project Specific Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	7/20/07	12:30	1. Received By	7-21-07	8:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

16116

Thomas (Tom) Wynn
Site Manager
Risk Management & Remediation

1354 Phillips Building
420 South Keeler
Bartlesville, OK 74074
phone 918.661.0310
fax 918-662-4192
tom.r.wynn@conocophillips.com

ConocoPhillips

March 21, 2008

Mr. Wayne Price
Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Dr.
Santa Fe, NM 87504

RE: ANNUAL GROUNDWATER MONITORING AND REMEDIATION REPORT
AUGUST 2006 THROUGH DECEMBER 2007
ConocoPhillips Maljamar Gas Plant
Lea County, New Mexico

Dear Mr. Price:

Please find one copy of the above referenced report for your review and concurrence. This report presents a summary of all site activities performed at the Maljamar Gas Plant from August 2006 through December 2007 relating to the remediation and monitoring of groundwater at the site, and presents a proposed path forward for enhancing the remediation of groundwater at the site.

If you have any questions or comments, please contact either myself at the above listed number or Greg Pope with Tetra Tech, Inc. at (432) 686-8081.

Sincerely,

Tom Wynn
Site Manager
Risk Management and Remediation
ConocoPhillips

cc: w/ attachment

Chris Williams, NMOCD, Hobbs, NM
Greg Pope, Tetra Tech, Inc., Midland, TX

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ANALYTICAL REPORT

PROJECT NO. MALJAMAR, NM

6530 Maljamar E & P

Lot #: I7G230157

Greg Pope

Tetra Tech, Inc.
1703 W Industrial Ave
Midland, TX 79701

TESTAMERICA LABORATORIES, INC. (FKA STL)

Carla M. Butler
Project Manager

August 2, 2007

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

Case Narrative

LOT NUMBER: **I7G230157**

This report contains the analytical results for the sample received under chain of custody by TestAmerica Laboratories Inc. (FKA STL) on July 23, 2007. This sample is associated with your 6530 Maljamar E & P project.

All samples were received in good condition and within temperature requirements.

All applicable quality control procedures met method-specified acceptance criteria except where noted in the case narrative or flagged on the result pages.

If you have any questions, please feel free to call me at (512) 310-5318.

EXECUTIVE SUMMARY - Detection Highlights

I7G230157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
EW-1 07/19/07 03:35 001				
Total Dissolved Solids	3370	40.0	mg/L	MCAWW 160.1
Chloride	1820	200	mg/L	MCAWW 300.0A

PREPARATION METHODS SUMMARY

I7G230157

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Chloride	MCAWW 300.0A	MCAWW 300.0A
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

METHOD / ANALYST SUMMARY

I7G230157

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	William Jenkins	000069
MCAWW 300.0A	David A. Tocher	800002

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SAMPLE SUMMARY

I7G230157

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3D6X	001	EW-1	07/19/07	03:35

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

QC DATA ASSOCIATION SUMMARY

I7G230157

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		7207505	7207293
	WATER	MCAWW 300.0A		7213101	7213063

ConocoPhillips Company

Client Sample ID: EW-1

General Chemistry

Lot-Sample #...: I7G230157-001 Work Order #...: J3D6X Matrix.....: WATER
Date Sampled...: 07/19/07 03:35 Date Received..: 07/21/07 08:30

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride	1820	200	mg/L	MCAWW 300.0A	07/31/07	7213101
	Dilution Factor: 200			Analysis Time..: 16:18		
Total Dissolved Solids	3370	40.0	mg/L	MCAWW 160.1	07/26/07	7207505
	Dilution Factor: 1			Analysis Time..: 15:04		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: I7G230157 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J30EC1AA		MB Lot-Sample #:	I7H010000-101	
	ND	1.0	mg/L	MCAWW 300.0A	07/31/07	7213101
		Dilution Factor: 1				
		Analysis Time..: 08:34				
Total Dissolved Solids		Work Order #: J3M2C1AA		MB Lot-Sample #:	I7G260000-505	
	ND	40.0	mg/L	MCAWW 160.1	07/26/07	7207505
		Dilution Factor: 1				
		Analysis Time..: 15:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7G230157 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: J30EC1AC	LCS Lot-Sample#: I7H010000-101		
	90	(90 - 110)	MCAWW 300.0A	07/31/07	7213101
		Dilution Factor: 1	Analysis Time..: 12:18		
Total Dissolved Solids		Work Order #: J3M2C1AC	LCS Lot-Sample#: I7G260000-505		
	99	(87 - 113)	MCAWW 160.1	07/26/07	7207505
		Dilution Factor: 1	Analysis Time..: 15:02		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I7G230157 **Matrix.....:** WATER
Date Sampled...: 07/19/07 08:30 **Date Received..:** 07/21/07 08:30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		WO#: J3DNX1CF-MS/J3DNX1CG-MSD				MS Lot-Sample #: I7G230112-001	
	92	(90 - 110)			MCAWW 300.0A	07/31/07	7213101
	93	(90 - 110)	0.71	(0-20)	MCAWW 300.0A	07/31/07	7213101
		Dilution Factor: 1					
		Analysis Time..: 09:18					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I7G230157 **Work Order #...:** J3F7R-SMP J3F7R-DUP **Matrix.....:** WATER

Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/24/07 12:35

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: I7G240205-002		
	650	654	mg/L	0.61	(0-20)	MCAWW 160.1	07/26/07	7207505
			Dilution Factor: 1			Analysis Time..: 15:12		

Report Attachment

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of the NELAC standards. All data have been found to be compliant with laboratory protocol except as otherwise noted.

Note that if this report contains tests performed for the following methods, the associated method deviations are applicable.

EPA 410.4, COD: Laboratory uses different analytical wavelength as specified by instrument manufacturer.
EPA 340.2, Fluoride: Preliminary Bellack distillation not performed.
EPA 624: The laboratory uses a different desorb time and purge volume than stated in the method.
Iowa OA1: Benzene, toluene, ethylbenzene and xylenes (BTEX) are not analyzed along with the Gasoline Range Organics if client does not require BTEX.
EPA TO-12: Samples not analyzed in duplicate.
EPA TO-14A and TO-15: Zero humidified nitrogen is used in place of air for method blanks.

TRRP Reporting Requirements

If this package contains reports requiring TRRP (Texas Risk Reduction Program) reporting criteria, the following information applies.

The REPORTING LIMIT is equivalent to the TRRP acronym MQL (method quantitation limit).
The MDL is equivalent to the TRRP acronym SDL (sample detection limit).

STL

CHAIN-OF-CUSTODY ADDENDUM

Lot No: I76230157

RECEIVED BY: Steve Heyer

COC NUMBER:

DATE/TIME RECEIVED: 7-21-07 8:30

QUOTE/PROFILE: 76207

UNPACKED DATE/TIME: 7-21-07 11:55

CLIENT/PROJECT: TETRA TECH

SAMPLES LOGGED IN: SRA

LOG-IN REVIEWED: MK

Number of Shipping Containers Received with Chain of Custody: 1

VOC AIR / FILTER SAMPLES ☐ YES **SEE SECTIONS 1.0, 2.0, & 6.0**

1.0 CONTAINERS EXAMINED UPON RECEIPT: SRA

Container Sealed: ☑ YES ☐ NO Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

If seal not intact list air bill number of that container(s):

2.0 VOC CANISTERS EXAMINED UPON RECEIPT:

Canister Valves Closed: ☐ YES ☐ NO Samples Received Match Chain: ☐ YES ☐ NO

Canister Valves Capped: ☐ YES ☐ NO Other Equipment Received: ☐ YES ☐ NO

Valve Cap Tightened Properly: ☐ YES ☐ NO See Additional Comments (Section 5.0 and / or 7.0) ☐ YES ☐ NO

Packing Material Used: (circle) Chain-of-Custody form properly maintained: ☐ YES ☐ NO

None / Absorbent / Paper / Bubble Wrap Can Size: ☐ 6L ☐ 15L Other

3.0 SAMPLE TEMPERATURE UPON RECEIPT BY: SRA **IR THERMOMETER #:** P5

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container *[acceptable tolerance 4°C ± 2°]*

TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
SC 2.1°C	SC	SC	SC	SC	SC	SC	SC	SC	SC

If temperature is outside acceptable tolerance, Project Manager was notified (_____PM). Date: _____ Time: _____

Samples received do not require cooling _____ OK to analyze samples: ☑ YES ☐ NO

PRESERVATION OF SAMPLES REQUIRED: ☑ NA ☐ YES ☐ VOA Samples **VERIFIED BY:** SRA

NOTE: pH CHECK OF VOLATILE SAMPLES PERFORMED AFTER ANALYSIS BY THE BENCH ANALYST.

Base samples are>pH 12: ☐ YES ☐ NO Acid preserved are<pH 2: ☐ YES ☐ NO

Cyanide samples checked for sulfides: ☐ YES Sulfide samples appear to be preserved with zinc acetate: ☐ YES ☐ NO

Samples checked for chlorine per specification (N.C.) ☐ YES Free chlorine present: ☐ YES ☐ NO

If sample preservation is outside acceptable tolerance, Project Manager was notified (_____PM).

Date: _____ Time: _____ ☐ see pH adjustment form

VOLATILE SAMPLES FILLED COMPLETELY, IF NOT, LIST ID AND HEADSPACE OF VOA's CONTAINING BUBBLES EXCEEDING 6MM IN DIAMETER:

Sample ID	mm Headspace

Sample ID	mm Headspace

STL

CHAIN–OF–CUSTODY ADDENDUM

Lot No: I7G230157

4.0 CONDITION OF BOTTLES/CONTAINERS

VERIFIED BY: [illegible]

Samples received match COC: ☑ YES ☐ NO
Bottles received intact: ☑ YES ☐ NO
See additional discrepancies/comments section: ☐ YES ☑ NO
Samples received from USDA restricted area: ☐ YES ☑ NO
Chain-of-Custody form properly maintained: ☑ YES ☐ NO
VOA trip blanks included: ☐ YES ☐ NO ☑ N/A

5.0 ADDITIONAL DISCREPANCIES

Appears on COC		Appears on Label		
Sample ID	Date/Time	Sample ID	Date/Time	Comments

6.0 SHIPPING DOCUMENTATION:

Air/freight bill is available and attached to COC: ☑ YES ☐ NO Air bill #: _____

Hand-delivered Carrier: _____ Date: _____ Time: _____

7.0 OTHER COMMENTS:

_____

_____

_____

_____

_____

CORRECTIVE ACTION:

Client's Name: _____ Informed verbally on: _____ By: _____

Client's Name: _____ Informed verbally on: _____ By: _____

Sample(s) processed "as is" comments: _____

_____

_____

_____

Samples(s) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: CMB Date: ~~7-27-07~~ 7-27-07

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

Chain of Custody Record

I76230157

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

023404

STL4149 (1202)

Client	Project Manager	Date	Page / of
TETRA TECH	GREG POPE	7/19/07	Page 1 of 1
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Location**	**Analysis**
1703 W. INDUSTRIAL	432.686.8081 / 432.686.8085	AUSTIN, TX	
City / State / Zip Code	**Site Contact**		
MIDLAND / TX / 79701	CONOCOPHILLIPS		
Project Number/Name	**Carrier/Waybill Number**		
06530/ MALJAMAR E&P	FEDEX / 861376072061		

Contract/Purchase Order/Quote Number

REQ# 0000010109455-0004 / PO# 4506830155 / LINE # 1

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: CHLORIDES	Analysis: TDS
EW-1	7/19/07	3:35	AQ	1L.	POLY	1	4°C	2.1°C SMA 7-21-07	X	X

Special Instructions

SAP PROJ# WA0.000.6530.00.RM.0000010109455 (HZ)

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☒ Normal ☐ Rush ☐ Other _____

QC Level

☒ I. ☐ II. ☐ III.

Project Specific Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	7/20/07	12:30	1. Received By	7-21-07	8:30
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

16/16

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy