GW - 020

MONITORING REPORTS

09/22/2006

GW023

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ConocoPhillips

September 22, 2006

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 2005 THROUGH AUGUST 2006
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 2005 through August 2006 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,

Carol Bland

Carol Bland
Site Manager
Risk Management and Remediation
ConocoPhillips

cc: w/ attachment

Chris Williams, NMOCD, Hobbs, NM

GW020

1703 W. Industrial Ave.
Midland, Texas 79701
(432) 686-8081

TETRA TECH, INC.

September 22, 2006

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 2005 THROUGH AUGUST 2006
ConocoPhillips Maljamar Gas Plant
Lea County, New Mexico**

INTRODUCTION

On behalf of ConocoPhillips, Tetra Tech, Inc. (Tetra Tech; formerly Maxim Technologies) 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 2006, groundwater extraction and aquifer data collected from August 2005 through August 2006 during operation of the groundwater extraction well, and results of a hydrocarbon recovery pilot test conducted at the Site. As part of this report, Tetra Tech also proposes a path forward plan for enhanced recovery of groundwater and hydrocarbons.

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).

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 2005 through August 2006 included performing a round of groundwater sampling and analyses in May 2006; collecting monthly groundwater level measurements at the Site monitoring wells and periodic water quality data during the operation of extraction well MW-6; and performing a hydrocarbon recovery pilot test at MW-9 on April 5, 2006.

Groundwater Monitoring and Sampling

Groundwater samples were collected from the Maljamar Gas Plant monitoring wells on May 9-12, 2006. Prior to sampling, 22 wells were sounded for groundwater levels and affected wells were also measured for hydrocarbon thickness. Table 2 presents the groundwater level and hydrocarbon thickness measurement data for the Site. Twelve (12) groundwater monitoring wells, one (1) groundwater extraction well, and one onsite water well were sampled during this event. Wells exhibiting measurable levels of hydrocarbons 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.

Summaries of the laboratory analytical results from the May 2006 groundwater monitoring event are presented in Table 3. The laboratory analytical data is included in the Appendix.

Groundwater Level and Water Quality Data Collection

Monthly groundwater level measurements were recorded from each of the monitoring wells at the Site from August 2005 to August 2006. 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 2005 to August 2006 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 2005 through August 2006, with the exception of November 2005 when the pump was undergoing repair and August 2006 when the fluid storage tank was being repaired. 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 August 30, 2006, approximately 506,557 gallons of groundwater have been extracted from MW-6. Table 5 presents a summary of the groundwater extraction well recovery volumes.

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 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. Volumes of

fluids removed by the skimmer pump are registered on the extraction well flowmeter and are part of the total extraction volume presented in Table 5.

Hydrocarbon Recovery Pilot Test

A hydrocarbon recovery pilot test was performed at the Site on April 5, 2006. The tops of groundwater and hydrocarbons were measured in well MW-9 prior to the start of the test. Table 6 presents the pilot test groundwater and hydrocarbon level measurements. MW-9 was recorded with an initial liquid-phase hydrocarbon (LPH) thickness of 5.63 feet prior to the test. The LPH layer was bailed out of MW-9 and groundwater and hydrocarbon levels were measured in MW-9 during recovery. 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.

GROUNDWATER DATA ANALYSIS

The following sections provide a discussion of the groundwater data collected at the Maljamar Gas Plant from August 2005 to August 2006.

Groundwater Data Evaluation

Monthly groundwater and hydrocarbon level measurements were collected at the Site from August 2005 to August 2006, and are summarized in Table 2. Groundwater potentiometric surface maps for August and November 2005, and February and May 2006 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 3,930 feet above mean sea level (famsl) in the mound centroid to approximately 3,900 famsl in the outlying wells located south and east of the Site. The hydraulic gradient at the Site was calculated from this data set to be between 0.0119 and 0.0121 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 2005, and February and May 2006 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 2005 to August 2006.

Groundwater Quality Evaluation

Groundwater analytical results are presented in Table 3, and a figure depicting the groundwater analytical results for the May 2006 sampling event is included as Figure 4. The laboratory analytical data is included in the Appendix.

The May 2006 groundwater samples reported detectable concentrations of organic compounds in three (3) of the wells sampled (Table 3; Figure 4). Wells MW-4 and MW-6 reported the only concentrations of organic constituents above WQCC standards with benzene reported at 0.015 and 8.2 mg/L, respectively.

Inorganic constituents were reported above WQCC standards in 12 of the 14 wells sampled (Table 3). Well MW-12 reported the highest concentrations of inorganic constituents with 46,300 mg/L of chloride, 1,220 mg/L of sulfate, and 80,200 mg/L of TDS. This well also reported the highest concentrations of major cations with 5,070 mg/L of calcium, 1,320 mg/L of magnesium, 118 mg/L of potassium, and 25,200 mg/L of sodium. Chloride concentration isopleths for the May 2006 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.

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. These measurements indicate near neutral saline water with a pH of 6.74 to 7.37 and a specific conductivity of approximately 1.49 to 1.73 milliSiemens per centimeter are present in this well.

Hydrocarbon Recovery Pilot Test Results

Groundwater and hydrocarbon measurements collected during the hydrocarbon recovery pilot test are shown in Table 6. Results of the pilot test performed at MW-9 on April 5, 2006 indicated a slow recovery of hydrocarbon thickness. MW-9 was initially measured with a hydrocarbon thickness of 5.63 feet and was bailed down to a thickness of 2.45 feet for the recovery test. Hydrocarbon thickness remained constant at 2.45 feet in the well within 5 minutes after bailing stopped, and then recovered 0.05 feet in the next 10 minutes and 0.86 feet in 2 hours and 30 minutes.

These results indicate that it should be feasible to remove an appreciable amount of LPH from well MW-9 by utilizing a free-floating skimmer pump with a cyclic discharge interval.

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 well MW-6 and periodically collect groundwater quality and extraction volume data. The maintenance of the pump system, monitoring of the storage tank levels, and transfer and disposal of fluids will continue to be coordinated through ConocoPhillips' MCA Business Unit.
- 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.
- Install a LPH skimmer system in well MW-9 and transfer the extracted hydrocarbons to the MW-6 groundwater extraction piping for injection. Extracted hydrocarbons will be skimmed at the ConocoPhillips' MCA water flood station and recovered at the Battery A2 production unit.
- As previously recommended, continue with the installation of a groundwater extraction well in the vicinity of monitoring well MW-12 to similar specifications as groundwater extraction well MW-6. The location of this new extraction well has been staked and options for disposal of the recovered groundwater are currently being coordinated through ConocoPhillips' MCA Business Unit. The new extraction well will be used to contain and extract the elevated TDS and chloride constituents reported in the groundwater at MW-12. The new six-inch diameter groundwater extraction well will be screened across both groundwater-bearing sandstone units and drilled a few feet below the base of the lowermost aquifer sandstone, creating a sump to allow for additional drawdown during pumping. Design of the well shall include a low water level cutoff switch to prevent pump damage should drawdown approach the pump intake depth, and a corresponding high water level switch to restart the pump when the groundwater levels have recovered. The pumping system design will also include a flow meter to accurately gauge the amount of fluids pumped from the well. Actual boring depth, length of screened interval and well completion parameters will be based on conditions observed in the field during drilling. Groundwater quality and extraction volume data will be periodically collected at the new well.

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.

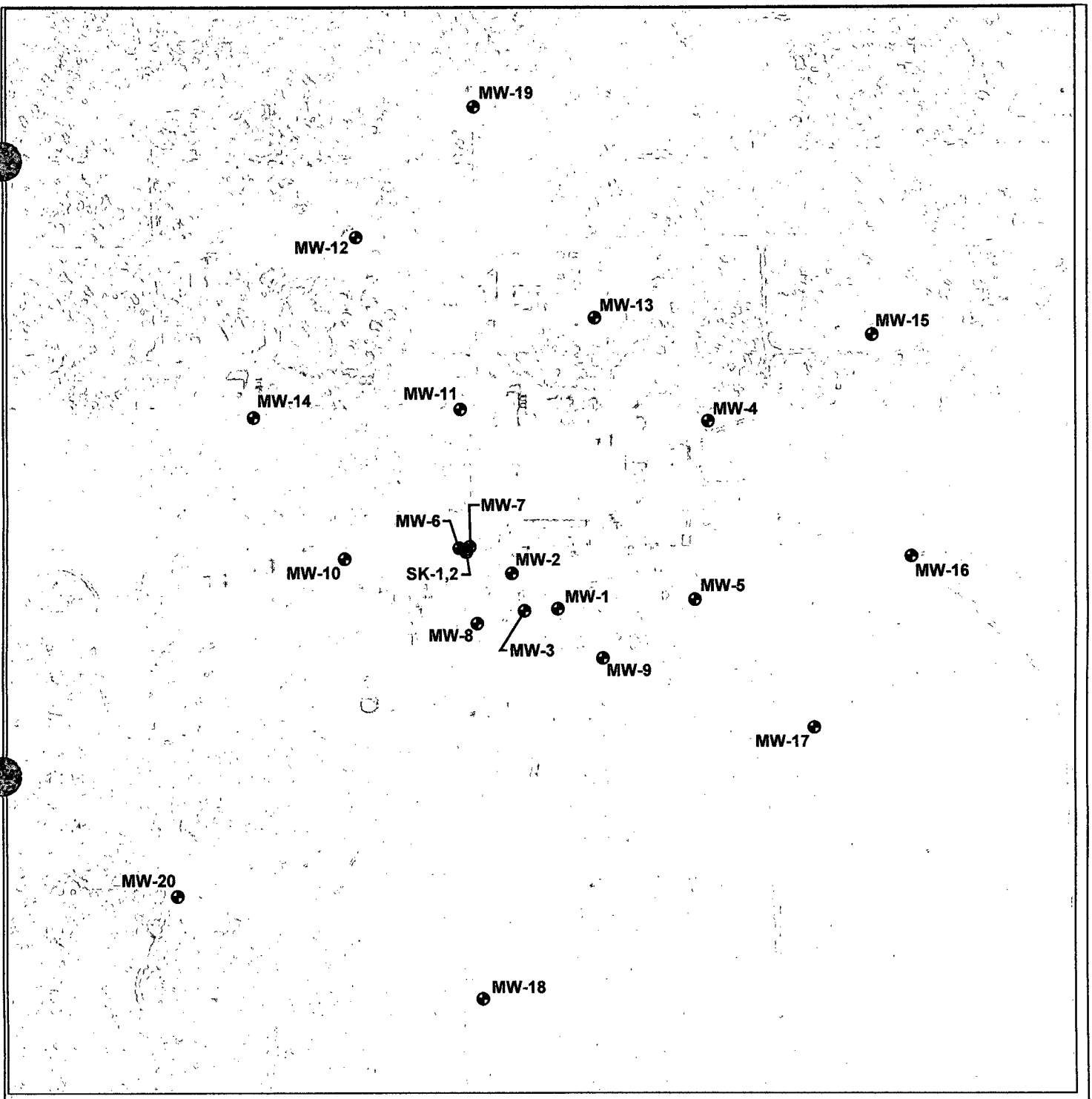
Maxim Technologies (2005) report entitled "Annual Groundwater Monitoring and Remediation Report, October 2004 Through July 2005, ConocoPhillips Maljamar Gas Plant, Lea County, New Mexico" to Mr. Wayne Price, New Mexico Oil Conservation Division, dated August 23, 2005.

Should you have any questions or comments upon review of this report, please contact me at (432) 686-8081 or Carol Bland, ConocoPhillips Site Manager, at (832) 379-6427.

Sincerely,
TETRA TECH, INC.

Greg W. Pope
Project Manager

FIGURES



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

LEGEND

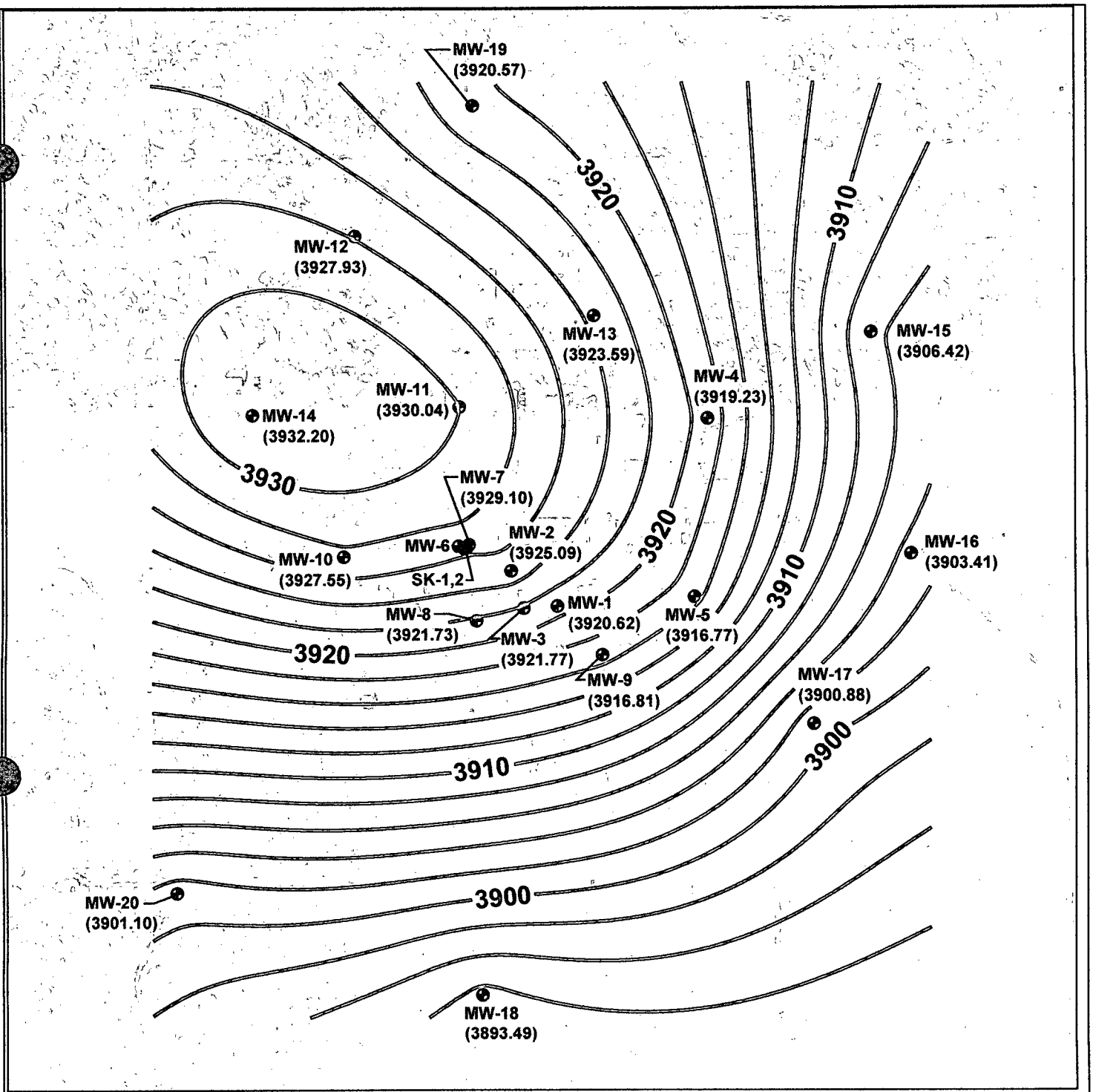
MW-18 Monitoring Well Location

0 600 1200

SCALE (feet)

N

FIGURE 1	MONITORING WELL LOCATIONS
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE: 08/31/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

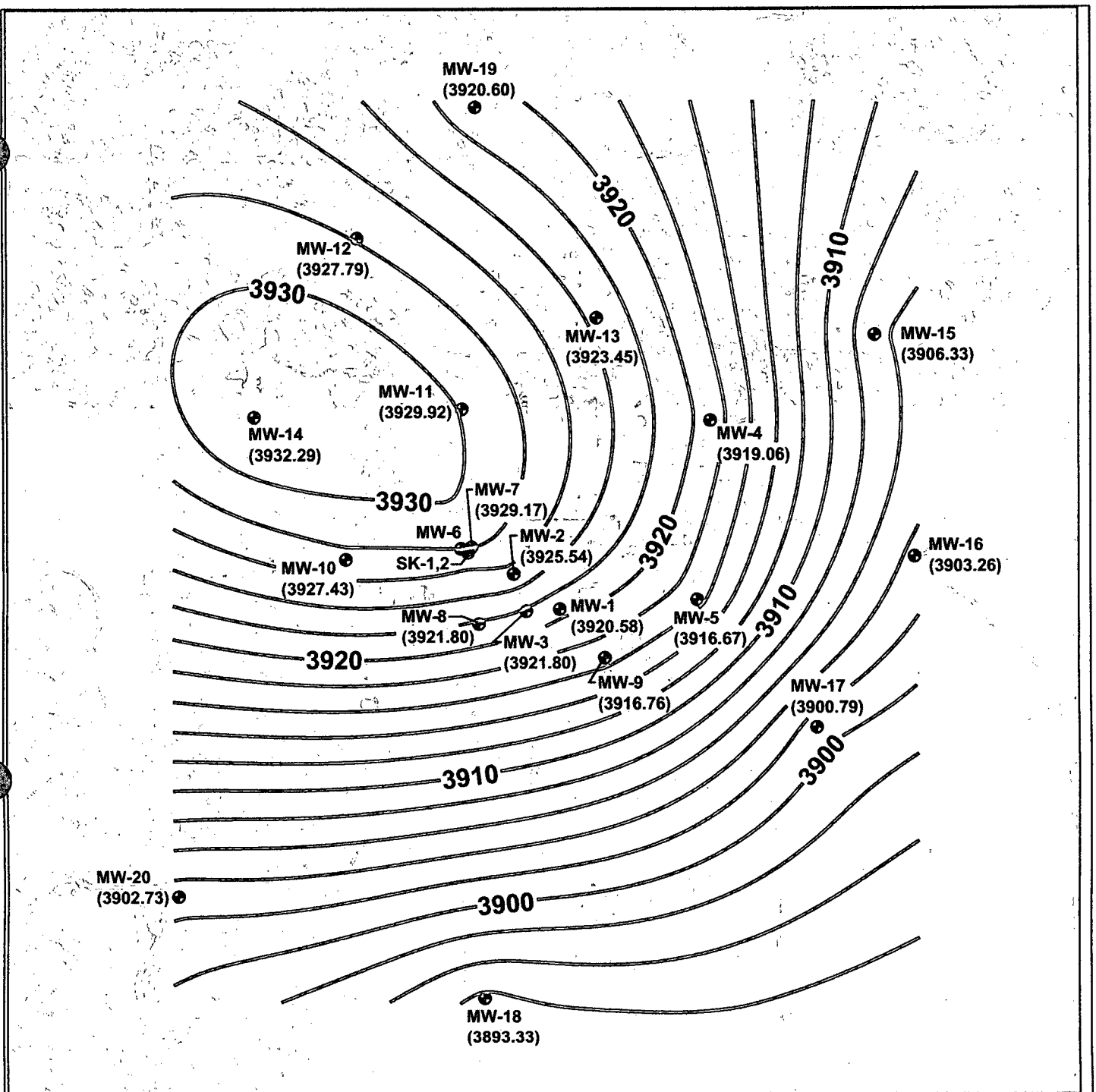
MW-18 ⊕	Monitoring Well Location
(3927.55)	Groundwater Elevation feet above mean sea level
3920	Groundwater Elevation Contour contour interval = 2 feet

0 600 1200

SCALE (feet)

N

FIGURE 2a	GROUNDWATER ELEVATION CONTOUR MAP AUGUST 8, 2005
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE: 09/06/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

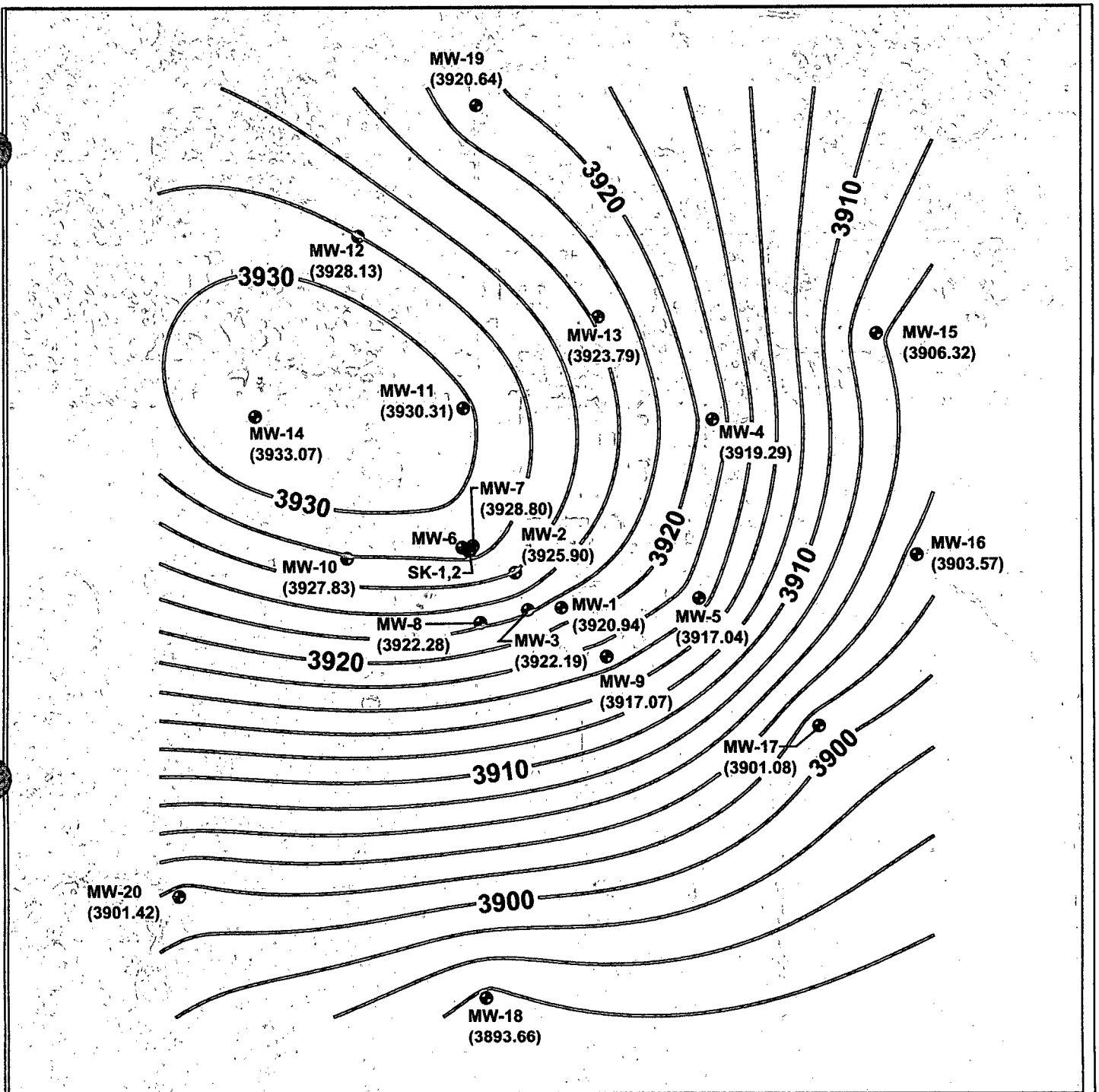
MW-18 ⊕	Monitoring Well Location
(3927.43)	Groundwater Elevation feet above mean sea level
3920	Groundwater Elevation Contour contour interval = 2 feet

0 600 1200

SCALE (feet)

N

FIGURE 2b	**GROUNDWATER ELEVATION CONTOUR MAP NOVEMBER 9, 2005**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:09/06/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

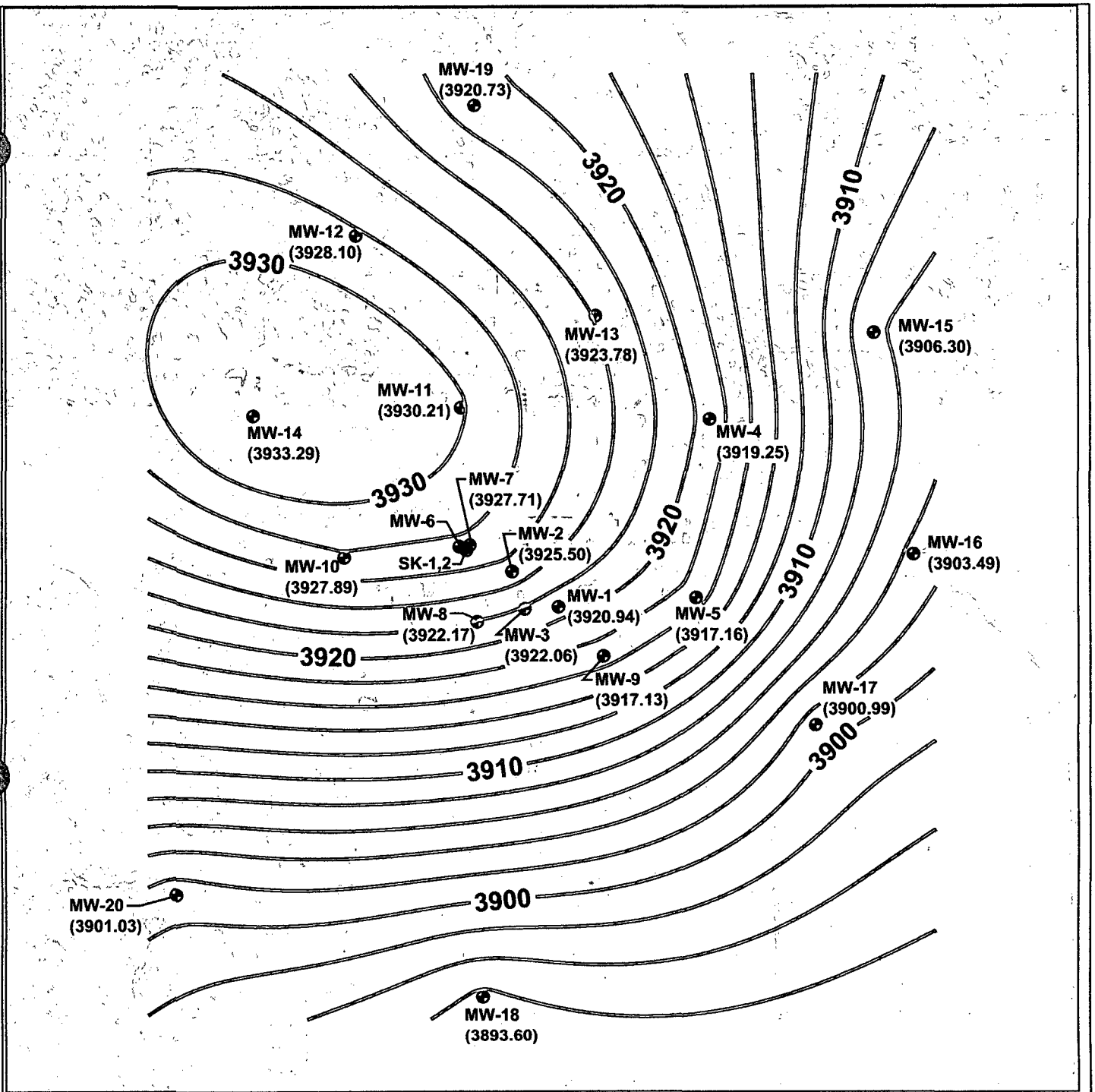
MW-18 ⊕	Monitoring Well Location
(3927.83)	Groundwater Elevation feet above mean sea level
3920	Groundwater Elevation Contour contour interval = 2 feet

0 600 1200

SCALE (feet)

N

FIGURE 2c	**GROUNDWATER ELEVATION CONTOUR MAP FEBRUARY 2, 2006**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:09/06/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

MW-18 ⊕	Monitoring Well Location
(3927.71)	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 8, 2006**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:08/31/06
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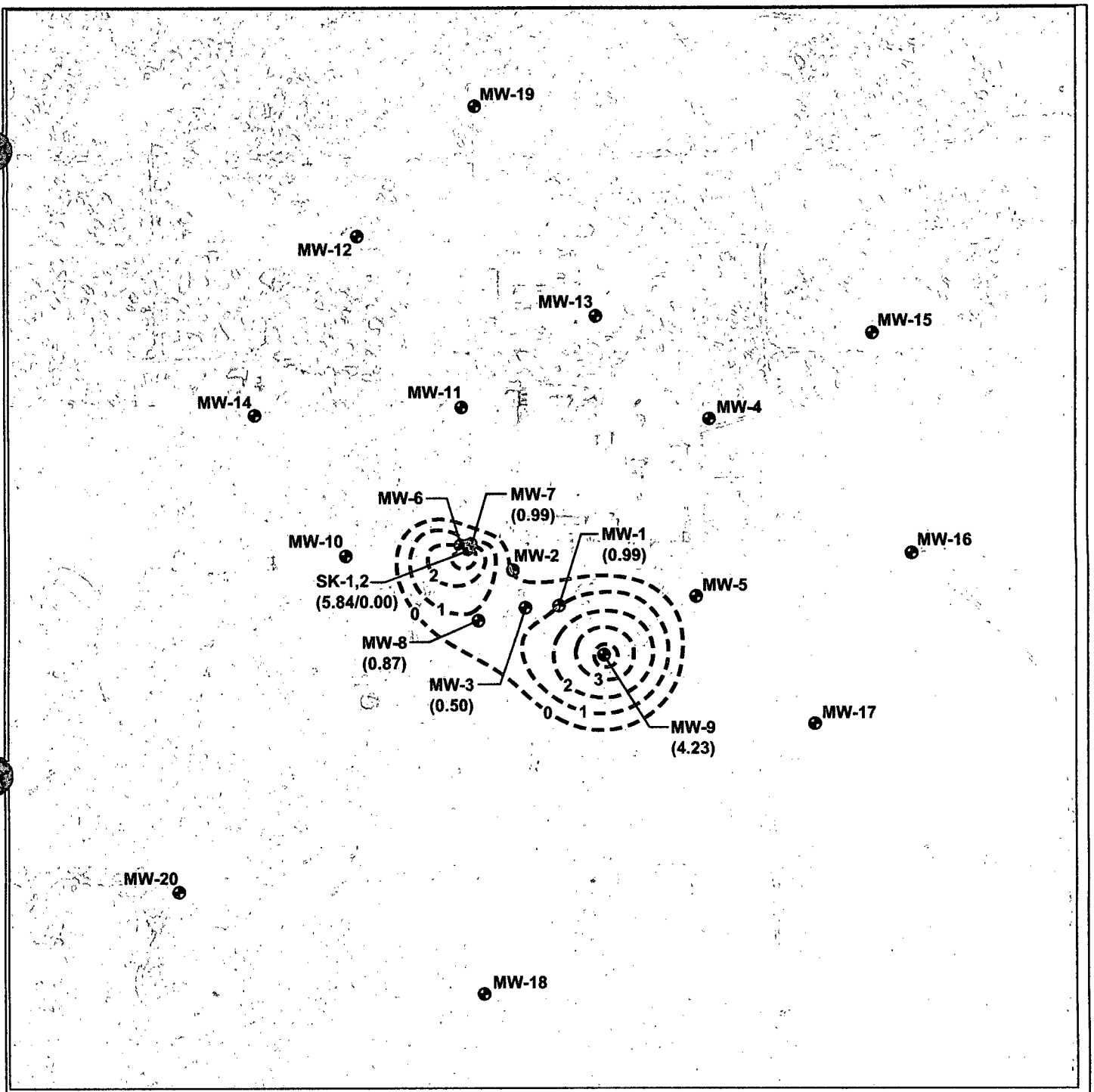


Source: Aerial Photo (dated 1/1996) Downloaded From Microsoft/USGS Terraserver

LEGEND

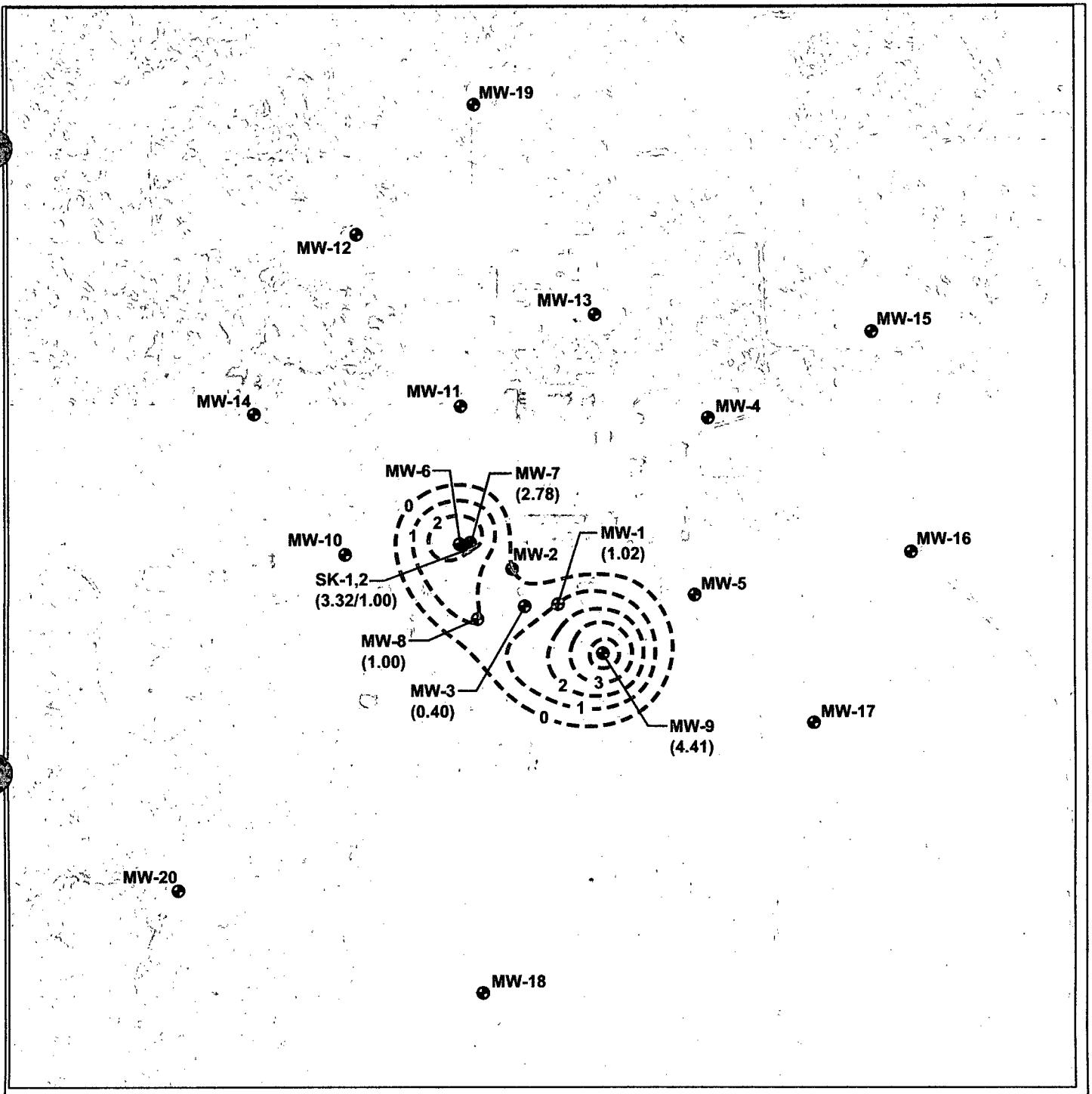
MW-18 ⊕	Monitoring Well Location
(4.23)	LPH Thickness (feet)
--3--	LPH Thickness Contour

0 600 1200

SCALE (feet)

N

FIGURE 3a	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP AUGUST 8, 2005**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:09/12/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

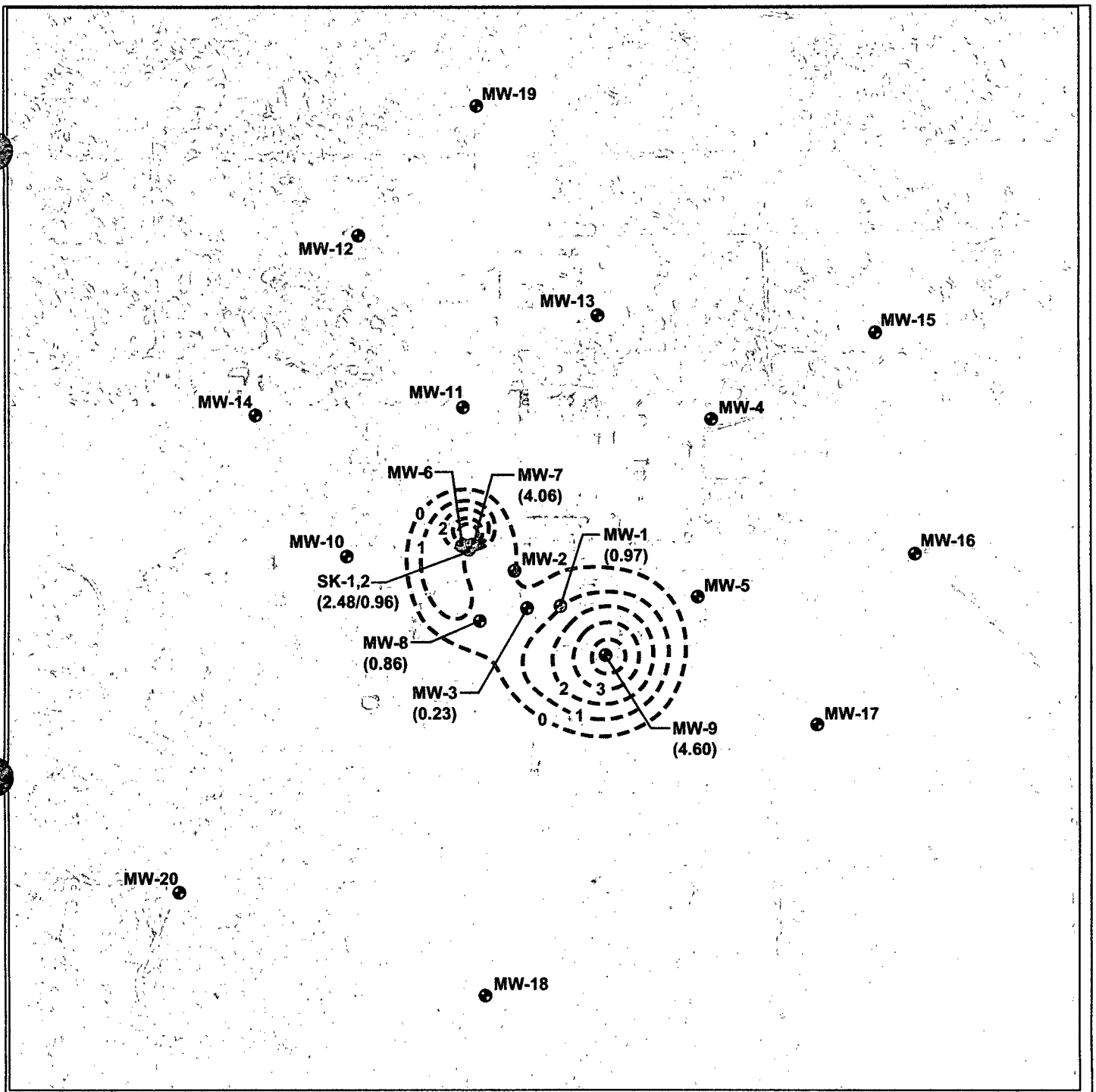
MW-18 ⊕	Monitoring Well Location
(4.41)	LPH Thickness (feet)
--3--	LPH Thickness Contour

0 600 1200

SCALE (feet)

N

FIGURE 3b	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP NOVEMBER 9, 2005**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:09/12/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

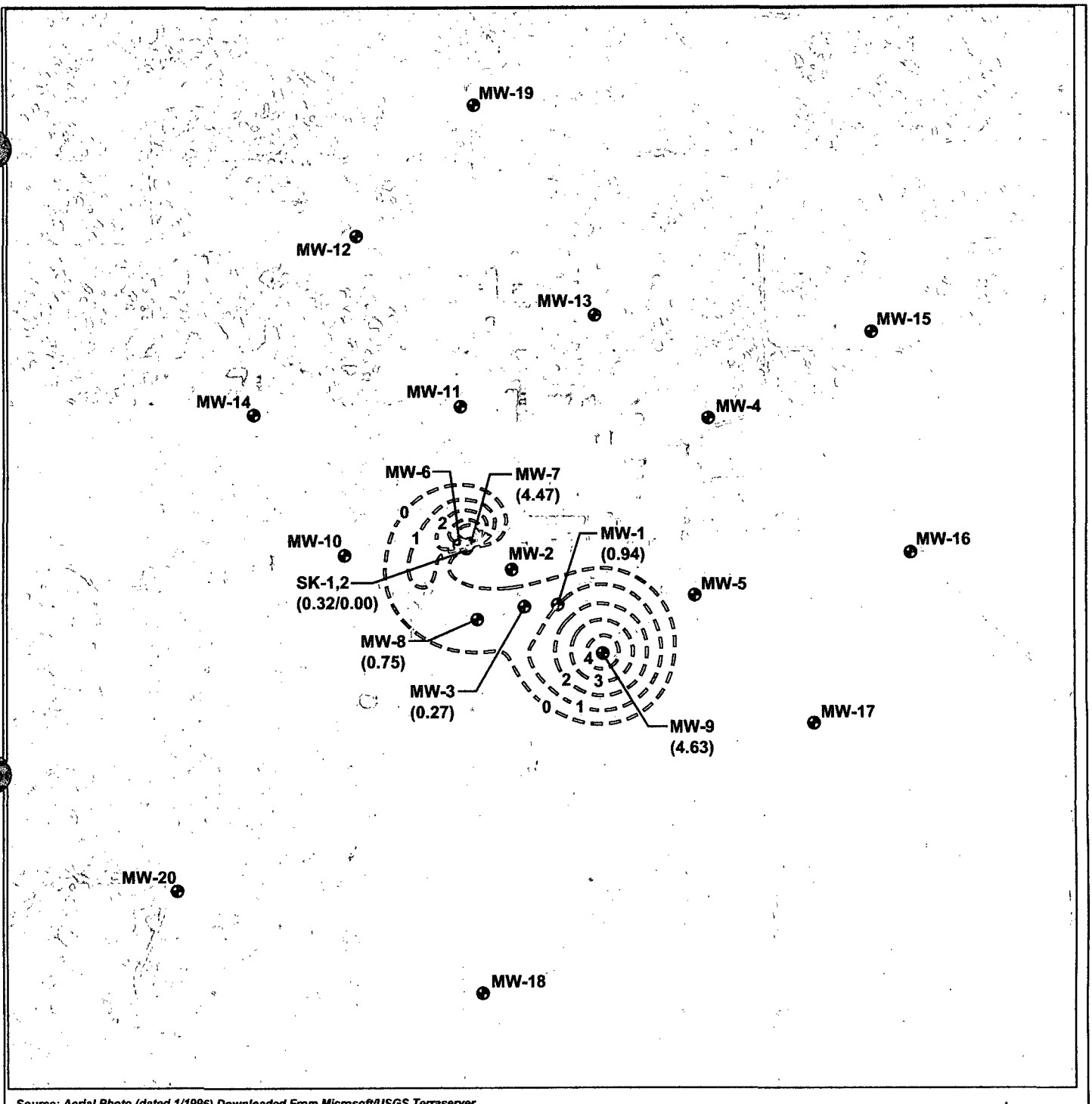
MW-18 ⊕	Monitoring Well Location
(4.60)	LPH Thickness (feet)
--3--	LPH Thickness Contour

0 600 1200

SCALE (feet)

N

FIGURE 3c	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP FEBRUARY 2, 2006**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:09/12/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

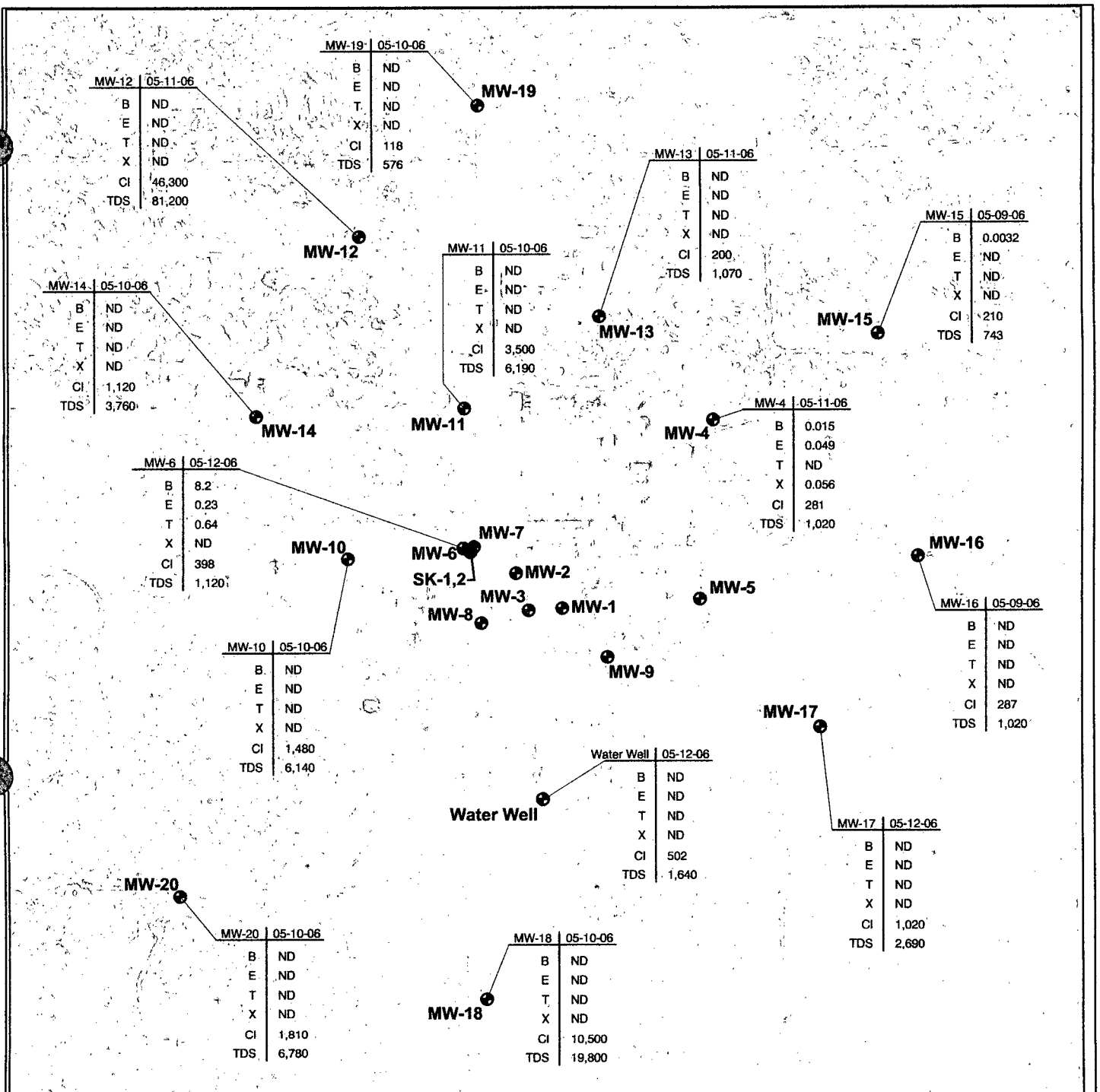
MW-18 ⊕	Monitoring Well Location
(4.63)	LPH Thickness (feet)
--3--	LPH Thickness Contour

0 600 1200

SCALE (feet)

N

FIGURE 3d	**LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP MAY 8, 2006**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:09/15/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*



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

LEGEND

MW-18 Monitoring 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 2006

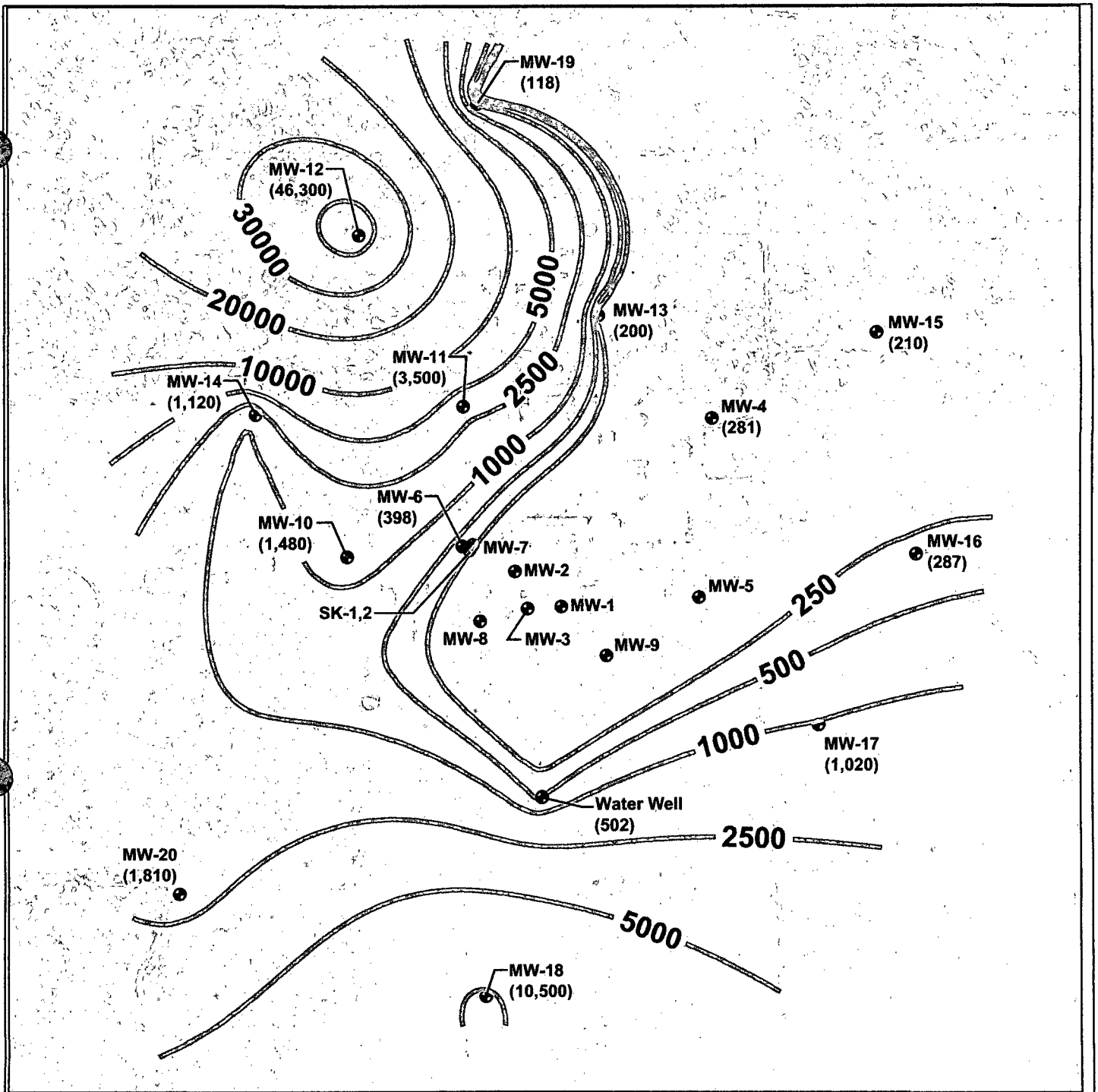
ConocoPhillips

TETRA TECH, INC.

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

PROJECT NO. 6640014
DRAWING BY: GWP
DRAWING DATE:09/15/06

ACAD File: Maljamar.Site Base Map.081606.dwg



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

LEGEND

MW-18 ⊕	Monitoring Well Location
(10,500)	Chloride Concentration (mg/L)
2500	Chloride Concentration Contour

Notes: Groundwater Analytical Data Collected May 9-12, 2006.
mg/L = milligrams per liter

0 600 1200
SCALE (feet)

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FIGURE 5	**CHLORIDE CONCENTRATION ISOPLETH MAP MAY 2006**
ConocoPhillips	TETRA TECH, INC.
MALJAMAR GAS PLANT Lea County, New Mexico Sec 21 T17S R32E	PROJECT NO. 6640014 DRAWING BY: GWP DRAWING DATE:09/15/06 *ACAD File: Maljamar.Site Base Map.081606.dwg*

TABLES

Table 1
Monitoring 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)	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	2	6/21/2000
MW-2	32.81250	-103.77244	4005.12	98	0-67	76.32		67-97	2	9/28/2000
MW-3	32.81206	-103.77228	4001.94	98	0-68	76.94		68-98	2	9/28/2000
MW-4	32.81425	-103.76967	4016.20	110	0-80	94.88		80-110	2	5/22/2001
MW-5	32.81217	-103.76989	4009.42	100	0-70	90.20		70-100	2	5/22/2001
MW-6				105	0-105			70-100	6	3/31/2004
MW-7	32.81281	-103.77308	4002.94	100	0-70	81.58	75.38	70-100	2	5/23/2001
MW-8	32.81192	-103.77294	4000.72	100	0-70	76.10		70-100	2	5/23/2001
MW-9	32.81150	-103.77119	4003.11	100	0-70	83.63		70-100	2	5/23/2001
MW-10	32.81269	-103.77478	4000.47	97	0-74	73.39		74-94	2	12/5/2001
MW-11	32.81442	-103.77314	4015.54	120	0-98	83.46		98-118	2	12/4/2001
MW-12	32.81644	-103.77456	4022.71	120	0-99	94.39		99-119	2	12/4/2001
MW-13	32.81547	-103.77128	4031.96	127	0-105	106.68		105-125	2	12/3/2001
MW-14	32.81436	-103.77603	4006.98	120	0-80	75.00		80-100	4	3/20/2002
MW-15	32.81523	-103.76737	4026.75	130	0-99	113.50		99-129	2	9/17/2002
MW-16	32.81264	-103.76686	4017.74	130	0-98	113.50		98-128	2	9/17/2002
MW-17	32.81066	-103.76825	3998.58	100	0-79	97.36		79-99	2	9/17/2002
MW-18	32.80754	-103.77293	3980.46	110	0-87	85.91		87-107	2	9/17/2002
MW-19	32.81796	-103.77289	4037.34	120	0-98	117.23		98-118	2	9/17/2002
MW-20	32.80878	-103.77718	3976.92	120	0-80	75.90		80-100	2	9/18/2002
SK-1	32.81278	-103.77312	4002.94**	105	0-85	74.07		85-105	4	3/21/2002
SK-2	32.81275	-103.77312	4002.94**	89.5	0-69	72.89		69-89	4	12/18/2002

Notes:
famsl = feet above mean sea level
fbgs = feet below ground surface
* Screen slot size = 0.010 inches
** Approximate elevation

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
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

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 cont.	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
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

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 cont.	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
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
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

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 cont.	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
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

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.	05/28/03	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
	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
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

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.*	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
	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
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

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.	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
	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
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
	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
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

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.	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
	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
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

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.	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
	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
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

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.	06/05/06	4031.96	108.30		0.00	0.00	108.30	3923.66
	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
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
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

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.	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
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

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.	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
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
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

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 cont.	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
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

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 cont.	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
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
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
	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

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.	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
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
	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

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.	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

Notes:
L.P.H. = Liquid Phase Hydrocarbon
NM = Not Measured
Blank Fields Indicate No Data

Table 3
Groundwater Quality Analyses
May 9-12, 2006
ConocoPhillips
Maljamar Gas Plant
Lea County, New Mexico

Parameters (mg/L)	WW	MW-4	MW-6	MW-6 QA*	MW-10	MW-11	MW-12	MW-12 QA*	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	NM WQ Std
Trace Metals																	
Calcium	191	163	145	144	738	882	5,070	5,080	200	669	121	183	442	2,360	148	1,300	
Magnesium	62.7	46.9	64.4	63.0	182	247	1,320	1,300	43.6	195	51.8	52.1	85.5	752	40.1	386	
Potassium	5.0	8.9	ND	ND	12.0	10.9	118	107	ND	7.3	ND	ND	5.4	49.6	5.2	38.6	
Sodium	142	81.5	86.3	84.0	736	414	25,200	24,000	64.4	56.8	55.5	75.7	273	3,520	52.4	686	
Volatile Organic Compounds																	
Benzene	ND	**0.015**	**8.2**	**8.9**	ND	ND	ND	ND	ND	ND	0.0032	ND	ND	ND	ND	ND	0.01
Ethylbenzene	ND	0.049	0.23	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.75
Toluene	ND	ND	0.64	0.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.75
Xylenes (total)	ND	0.056	ND	ND	ND	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	
Acenaphthylene	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	
Benzo(a)anthracene	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	0.0007
Benzo(b)fluoranthene	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	
Benzo(k)fluoranthene	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	
Dibenz(a,h)anthracene	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	
Fluorine	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	
Naphthalene	ND	ND	ND	ND	ND	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	
Pyrene	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	
Bicarbonate Alkalinity	205	175	214	225	168	195	83.0	83.5	216	195	281	247	160	120	300	131	
Total Alkalinity	207	179	215	234	178	198	92.8	87.6	228	198	293	262	160	124	304	104	
Chloride	**502**	**281**	**398**	**390**	**1,480**	**3,500**	**46,300**	**46,300**	200	**1,120**	210	**287**	**1,020**	**10,500**	118	**1,810**	250
Sulfate	148	ND	36.9	24.1	362	346	**1,110**	**1,220**	213	**853**	23.2	147	300	**717**	17.9	282	600
Total Dissolved Solids	**1,640**	**1,020**	**1,120**	**1,270**	**6,140**	**6,190**	**81,200**	**80,200**	**1,070**	**3,760**	743	**1,020**	**2,690**	**19,800**	576	**6,780**	1,000

Notes:
mg/L = milligrams per liter
ND = Not detected at or above laboratory reporting limits.
NM WQ Std = New Mexico Water Quality Standard

* 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.

Table 4
Extraction Well 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		

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

Table 5
Extraction Well 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	

Table 5
Extraction Well 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
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	
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

Table 6

Hydrocarbon Recovery Pilot Test Data

ConocoPhillips

Maljamar Gas Plant

Lea County, New Mexico

Recorded Date/Time	Top of Hydrocarbon (feet)	Top of Water (feet)	Hydrocarbon Thickness (feet)	Cumulative hr:min	Top of HC Difference (feet)	Top of Water Difference (feet)	Cumulative Minutes	Hydrocarbon Volume (gallons)
MW-9 - Bailed Well								
Drawdown	**4/5/2006**							
4/5/06 9:00	84.16	89.79	5.63	0	0	0	0	0.9
Recovery								
4/5/06 10:15	87.35	89.80	2.45	0:00	3.19	0.01	40	0.4
4/5/06 10:20	86.57	89.02	2.45	0:05	2.41	-0.77	45	0.4
4/5/06 10:25	86.23	88.72	2.49	0:10	2.07	-1.07	50	0.4
4/5/06 10:30	86.00	88.50	2.50	0:15	1.84	-1.29	55	0.4
4/5/06 10:54	85.71	88.33	2.62	0:39	1.55	-1.46	65	0.4
4/5/06 11:22	85.58	88.45	2.87	1:07	1.42	-1.34	75	0.5
4/5/06 12:01	85.50	88.62	3.12	1:46	1.34	-1.17	90	0.5
4/5/06 12:30	85.45	88.72	3.27	2:15	1.29	-1.07	100	0.5
4/5/06 12:45	85.45	88.76	3.31	2:30	1.29	-1.03	110	0.5

APPENDIX
Laboratory Analytical Data

SEVERN TRENT STL® Leaders in Environmental Testing

Certificate of Analysis

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ANALYTICAL REPORT

PROJECT NO. MALJAMAR, NM

6519 Maljamar Gas Plant

Lot #: I6E120144

Greg Pope

Maxim Technologies
1703 W Industrial Ave
Midland, TX 79701

SEVERN TRENT LABORATORIES, INC.

Carla M. Butler
Project Manager

May 26, 2006

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

Case Narrative

STL LOT NUMBER: **I6E120144**

This report contains the analytical results for the 10 samples received under chain of custody by Severn Trent Laboratories (STL) on May 12, 2006. These samples are associated with your 6519 Maljamar Gas Plant project.

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

Some compounds were recovered above control limits for the LCS and/or LCSD of the 8270 analysis. Since the analytes were not detected in any of the associated samples, the slight positive bias is not believed to have impacted the quality of the data.

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) 244-0855.

EXECUTIVE SUMMARY - Detection Highlights

I6E120144

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-4 05/11/06 09:50 001				
Calcium	163	5.0	mg/L	SW846 6010B
Magnesium	46.9	5.0	mg/L	SW846 6010B
Potassium	8.9	5.0	mg/L	SW846 6010B
Sodium	81.5	5.0	mg/L	SW846 6010B
Benzene	15	1.0	ug/L	SW846 8260B
Ethylbenzene	49	1.0	ug/L	SW846 8260B
Xylenes (total)	56	3.0	ug/L	SW846 8260B
Total Dissolved Solids	1020	40.0	mg/L	MCAWW 160.1
Chloride	281	100	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	175	5.0	mg/L	MCAWW 310.1
Total Alkalinity	179	5.0	mg/L	MCAWW 310.1
DUP-1 05/11/06 002				
Calcium	5080	50.0	mg/L	SW846 6010B
Magnesium	1300	50.0	mg/L	SW846 6010B
Potassium	107	50.0	mg/L	SW846 6010B
Sodium	24000	5000	mg/L	SW846 6010B
Total Dissolved Solids	80200	40.0	mg/L	MCAWW 160.1
Chloride	46300	5000	mg/L	MCAWW 300.0A
Sulfate	1220	200	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	83.5	5.0	mg/L	MCAWW 310.1
Total Alkalinity	87.6	5.0	mg/L	MCAWW 310.1
MW-20 05/10/06 13:00 004				
Calcium	1300	50.0	mg/L	SW846 6010B
Magnesium	386	5.0	mg/L	SW846 6010B
Potassium	38.6	5.0	mg/L	SW846 6010B
Sodium	686	50.0	mg/L	SW846 6010B
Total Dissolved Solids	6780	40.0	mg/L	MCAWW 160.1
Chloride	1810	1000	mg/L	MCAWW 300.0A
Sulfate	282	100	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	131	5.0	mg/L	MCAWW 310.1
Total Alkalinity	104	5.0	mg/L	MCAWW 310.1

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EXECUTIVE SUMMARY - Detection Highlights

I6E120144

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-10 05/10/06 14:55 005				
Calcium	738	5.0	mg/L	SW846 6010B
Magnesium	182	5.0	mg/L	SW846 6010B
Potassium	12.0	5.0	mg/L	SW846 6010B
Sodium	736	50.0	mg/L	SW846 6010B
Total Dissolved Solids	6140	40.0	mg/L	MCAWW 160.1
Chloride	1480	1000	mg/L	MCAWW 300.0A
Sulfate	362	100	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	168	5.0	mg/L	MCAWW 310.1
Total Alkalinity	178	5.0	mg/L	MCAWW 310.1
MW-11 05/10/06 10:25 006				
Calcium	882	5.0	mg/L	SW846 6010B
Magnesium	247	5.0	mg/L	SW846 6010B
Potassium	10.9	5.0	mg/L	SW846 6010B
Sodium	414	50.0	mg/L	SW846 6010B
Total Dissolved Solids	6190	40.0	mg/L	MCAWW 160.1
Chloride	3500	1000	mg/L	MCAWW 300.0A
Sulfate	346	100	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	195	5.0	mg/L	MCAWW 310.1
Total Alkalinity	198	5.0	mg/L	MCAWW 310.1
MW-12 05/11/06 08:50 007				
Calcium	5070	50.0	mg/L	SW846 6010B
Magnesium	1320	50.0	mg/L	SW846 6010B
Potassium	118	50.0	mg/L	SW846 6010B
Sodium	25200	5000	mg/L	SW846 6010B
Total Dissolved Solids	81200	40.0	mg/L	MCAWW 160.1
Chloride	46300	5000	mg/L	MCAWW 300.0A
Sulfate	1110	200	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	83.0	5.0	mg/L	MCAWW 310.1
Total Alkalinity	92.8	5.0	mg/L	MCAWW 310.1

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EXECUTIVE SUMMARY - Detection Highlights

I6E120144

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-13 05/11/06 09:55 008				
Calcium	200	5.0	mg/L	SW846 6010B
Magnesium	43.6	5.0	mg/L	SW846 6010B
Sodium	64.4	5.0	mg/L	SW846 6010B
Total Dissolved Solids	1070	40.0	mg/L	MCAWW 160.1
Chloride	200	100	mg/L	MCAWW 300.0A
Sulfate	213	100	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	216	5.0	mg/L	MCAWW 310.1
Total Alkalinity	228	5.0	mg/L	MCAWW 310.1
MW-14 05/10/06 11:15 009				
Calcium	669	5.0	mg/L	SW846 6010B
Magnesium	195	5.0	mg/L	SW846 6010B
Potassium	7.3	5.0	mg/L	SW846 6010B
Sodium	56.8	5.0	mg/L	SW846 6010B
Total Dissolved Solids	3760	40.0	mg/L	MCAWW 160.1
Chloride	1120	200	mg/L	MCAWW 300.0A
Sulfate	853	100	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	195	5.0	mg/L	MCAWW 310.1
Total Alkalinity	198	5.0	mg/L	MCAWW 310.1
MW-15 05/09/06 11:10 010				
Calcium	121	5.0	mg/L	SW846 6010B
Magnesium	51.8	5.0	mg/L	SW846 6010B
Sodium	55.5	5.0	mg/L	SW846 6010B
Benzene	3.2	1.0	ug/L	SW846 8260B
Total Dissolved Solids	743	40.0	mg/L	MCAWW 160.1
Chloride	210	100	mg/L	MCAWW 300.0A
Sulfate	23.2	5.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	281	5.0	mg/L	MCAWW 310.1
Total Alkalinity	293	5.0	mg/L	MCAWW 310.1

PREPARATION METHODS SUMMARY

I6E120144

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
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

I6E120144

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	Robert Hook	011846
MCAWW 160.1	Robert Hook	11846
MCAWW 300.0A	David A. Tocher	800002
MCAWW 310.1	David A. Tocher	800002
MCAWW 310.1	Robert D. O'Keefe	038036
SW846 6010B	Hamid Davoudi	038010
SW846 8260B	David Yancey	014906
SW846 8270C	Mark Malloy	001515

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

I6E120144

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H4884	001	MW-4	05/11/06	09:5C
H49AX	002	DUP-1	05/11/06	
H49A0	003	TRIPBLANK #1	05/11/06	
H49A2	004	MW-20	05/10/06	13:00
H49A3	005	MW-10	05/10/06	14:55
H49A4	006	MW-11	05/10/06	10:25
H49A7	007	MW-12	05/11/06	08:50
H49CC	008	MW-13	05/11/06	09:55
H49CJ	009	MW-14	05/10/06	11:15
H49CK	010	MW-15	05/09/06	11:10

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

I6E120144

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6142348	6142190
002	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6142348	6142190
003	WATER	SW846 8260B		6136070	6136047
004	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137120	6137069
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137148	6137079
	WATER	MCAWW 310.1		6142348	6142190
005	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137120	6137069
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137148	6137079
	WATER	MCAWW 310.1		6142348	6142190

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I6E120144

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
006	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137120	6137069
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137148	6137079
	WATER	MCAWW 310.1		6142348	6142190
007	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6142348	6142190
008	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6142348	6142190
009	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6136070	6136047
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6142348	6142190
010	WATER	MCAWW 160.1		6135613	6135351
	WATER	MCAWW 310.1		6137120	6137069
	WATER	MCAWW 300.0A		6144083	6144057

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I6E120144

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
010	WATER	MCAWW 300.0A		6145067	6145039
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137148	6137079
	WATER	MCAWW 310.1		6142348	6142190

ConocoPhillips Company

Client Sample ID: MW-4

GC/MS Volatiles

Lot-Sample #...: I6E120144-001 **Work Order #...:** H48841AD **Matrix.....:** WATER
Date Sampled...: 05/11/06 09:50 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 20:03
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**15**	**1.0**	**ug/L**
Ethylbenzene	**49**	**1.0**	**ug/L**
Toluene	ND	1.0	ug/L
Xylenes (total)	**56**	**3.0**	**ug/L**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	108	(67 - 130)
Toluene-d8	103	(83 - 115)
4-Bromofluorobenzene	98	(79 - 119)
Dibromofluoromethane	107	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-4

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-001 **Work Order #...:** H48841AN **Matrix.....:** WATER
Date Sampled...: 05/11/06 09:50 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 13:44
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	91	(28 - 120)
2-Fluorobiphenyl	90	(23 - 119)
Terphenyl-d14	91	(10 - 123)
2-Fluorophenol	88	(22 - 121)
Phenol-d5	87	(34 - 117)
2,4,6-Tribromophenol	99	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-4

TOTAL Metals

Lot-Sample #...: I6E120144-001 **Matrix.....:** WATER
Date Sampled...: 05/11/06 09:50 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**163**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H48841AJ**
		Dilution Factor: 1		Analysis Time..: 11:49		
Magnesium	**46.9**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H48841AK**
		Dilution Factor: 1		Analysis Time..: 11:49		
Potassium	**8.9**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H48841AL**
		Dilution Factor: 1		Analysis Time..: 11:49		
Sodium	**81.5**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H48841AM**
		Dilution Factor: 1		Analysis Time..: 17:46		

ConocoPhillips Company

Client Sample ID: MW-4

General Chemistry

Lot-Sample #...: I6E120144-001 Work Order #...: H4884 Matrix.....: WATER
Date Sampled...: 05/11/06 09:50 Date Received..: 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	175	5.0	mg/L	MCAWW 310.1	05/17/06	6137446
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	281	100	mg/L	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 100		Analysis Time..: 08:37		
Sulfate	ND	1.0	mg/L	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 1		Analysis Time..: 14:43		
Total Alkalinity	179	5.0	mg/L	MCAWW 310.1	05/22/06	6142348
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	1020	40.0	mg/L	MCAWW 160.1	05/15/06	6135614
		Dilution Factor: 1		Analysis Time..: 18:30		

ConocoPhillips Company

Client Sample ID: DUP-1

GC/MS Volatiles

Lot-Sample #...: I6E120144-002 **Work Order #...:** H49AX1AD **Matrix.....:** WATER
Date Sampled...: 05/11/06 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 20:29
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	98	(83 - 115)
4-Bromofluorobenzene	99	(79 - 119)
Dibromofluoromethane	113	(88 - 119)

ConocoPhillips Company

Client Sample ID: DUP-1

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-002 **Work Order #...:** H49AX1AN **Matrix.....:** WATER
Date Sampled...: 05/11/06 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 14:14
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	85	(23 - 119)
Terphenyl-d14	85	(10 - 123)
2-Fluorophenol	85	(22 - 121)
Phenol-d5	83	(34 - 117)
2,4,6-Tribromophenol	91	(33 - 124)

ConocoPhillips Company

Client Sample ID: DUP-1

TOTAL Metals

Lot-Sample #...: I6E120144-002 Matrix.....: WATER
Date Sampled...: 05/11/06 Date Received..: 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	5080	50.0	mg/L	SW846 6010B	05/18-05/22/06	H49AX1AJ
		Dilution Factor: 10		Analysis Time..: 17:51		
Magnesium	1300	50.0	mg/L	SW846 6010B	05/18-05/22/06	H49AX1AK
		Dilution Factor: 10		Analysis Time..: 17:51		
Potassium	107	50.0	mg/L	SW846 6010B	05/18-05/22/06	H49AX1AL
		Dilution Factor: 10		Analysis Time..: 17:51		
Sodium	24000	5000	mg/L	SW846 6010B	05/18-05/23/06	H49AX1AM
		Dilution Factor: 1000		Analysis Time..: 16:45		

ConocoPhillips Company

Client Sample ID: DUP-1

General Chemistry

Lot-Sample #...: I6E120144-002 **Work Order #...:** H49AX **Matrix.....:** WATER
Date Sampled...: 05/11/06 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**83.5**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**46300**	**5000**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 5000		Analysis Time..: 15:28		
Sulfate	**1220**	**200**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 200		Analysis Time..: 15:43		
Total Alkalinity	**87.6**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**80200**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:32		

ConocoPhillips Company

Client Sample ID: TRIPBLANK #1

GC/MS Volatiles

Lot-Sample #...: I6E120144-003 **Work Order #...:** H49A01AA **Matrix.....:** WATER
Date Sampled...: 05/11/06 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 20:54
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	98	(67 - 130)
Toluene-d8	99	(83 - 115)
4-Bromofluorobenzene	93	(79 - 119)
Dibromofluoromethane	108	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-20

GC/MS Volatiles

Lot-Sample #...: I6E120144-004 **Work Order #...:** H49A21AD **Matrix.....:** WATER
Date Sampled...: 05/10/06 13:00 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 21:20
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	98	(83 - 115)
4-Bromofluorobenzene	93	(79 - 119)
Dibromofluoromethane	107	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-20

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-004 **Work Order #...:** H49A21AN **Matrix.....:** WATER
Date Sampled...: 05/10/06 13:00 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 14:44
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	102	(28 - 120)
2-Fluorobiphenyl	95	(23 - 119)
Terphenyl-d14	94	(10 - 123)
2-Fluorophenol	101	(22 - 121)
Phenol-d5	98	(34 - 117)
2,4,6-Tribromophenol	101	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-20

TOTAL Metals

Lot-Sample #...: I6E120144-004 **Matrix.....:** WATER
Date Sampled...: 05/10/06 13:00 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**1300**	**50.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A21AJ**
		Dilution Factor: 10		Analysis Time..: 17:57		
Magnesium	**386**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A21AK**
		Dilution Factor: 1		Analysis Time..: 12:00		
Potassium	**38.6**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A21AL**
		Dilution Factor: 1		Analysis Time..: 12:00		
Sodium	**686**	**50.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A21AM**
		Dilution Factor: 10		Analysis Time..: 17:57		

ConocoPhillips Company

Client Sample ID: MW-20

General Chemistry

Lot-Sample #...: I6E120144-004 **Work Order #...:** H49A2 **Matrix.....:** WATER
Date Sampled...: 05/10/06 13:00 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**131**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/16/06**	**6137148**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/06	6137120
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**1810**	**1000**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 1000		Analysis Time..: 15:58		
Sulfate	**282**	**100**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 100		Analysis Time..: 09:36		
Total Alkalinity	**104**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**6780**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:20		

ConocoPhillips Company

Client Sample ID: MW-10

GC/MS Volatiles

Lot-Sample #...: I6E120144-005 **Work Order #...:** H49A31AD **Matrix.....:** WATER
Date Sampled...: 05/10/06 14:55 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 21:45
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	98	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	109	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-10

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-005 **Work Order #...:** H49A31AN **Matrix.....:** WATER
Date Sampled...: 05/10/06 14:55 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 15:14
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	79	(28 - 120)
2-Fluorobiphenyl	80	(23 - 119)
Terphenyl-d14	84	(10 - 123)
2-Fluorophenol	76	(22 - 121)
Phenol-d5	76	(34 - 117)
2,4,6-Tribromophenol	87	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-10

TOTAL Metals

Lot-Sample #...: I6E120144-005 **Matrix.....:** WATER
Date Sampled...: 05/10/06 14:55 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**738**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A31AJ**
		Dilution Factor: 1		Analysis Time..: 12:06		
Magnesium	**182**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A31AK**
		Dilution Factor: 1		Analysis Time..: 12:06		
Potassium	**12.0**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A31AL**
		Dilution Factor: 1		Analysis Time..: 12:06		
Sodium	**736**	**50.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A31AM**
		Dilution Factor: 10		Analysis Time..: 18:02		

ConocoPhillips Company

Client Sample ID: MW-10

General Chemistry

Lot-Sample #...: I6E120144-005 Work Order #...: H49A3 Matrix.....: WATER
Date Sampled...: 05/10/06 14:55 Date Received..: 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**168**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/16/06**	**6137148**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/06	6137120
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**1480**	**1000**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 1000		Analysis Time..: 16:13		
Sulfate	**362**	**100**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 100		Analysis Time..: 09:51		
Total Alkalinity	**178**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**6140**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:22		

ConocoPhillips Company

Client Sample ID: MW-11

GC/MS Volatiles

Lot-Sample #...: I6E120144-006 **Work Order #...:** H49A41AD **Matrix.....:** WATER
Date Sampled...: 05/10/06 10:25 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 22:11
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	101	(67 - 130)
Toluene-d8	98	(83 - 115)
4-Bromofluorobenzene	93	(79 - 119)
Dibromofluoromethane	109	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-11

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-006 **Work Order #...:** H49A41AN **Matrix.....:** WATER
Date Sampled...: 05/10/06 10:25 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 15:44
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	94	(28 - 120)
2-Fluorobiphenyl	92	(23 - 119)
Terphenyl-d14	94	(10 - 123)
2-Fluorophenol	89	(22 - 121)
Phenol-d5	90	(34 - 117)
2,4,6-Tribromophenol	100	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-11

TOTAL Metals

Lot-Sample #...: I6E120144-006 Matrix.....: WATER
Date Sampled...: 05/10/06 10:25 Date Received..: 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	882	5.0	mg/L	SW846 6010B	05/18-05/22/06	H49A41AJ
		Dilution Factor: 1		Analysis Time..: 12:11		
Magnesium	247	5.0	mg/L	SW846 6010B	05/18-05/22/06	H49A41AK
		Dilution Factor: 1		Analysis Time..: 12:11		
Potassium	10.9	5.0	mg/L	SW846 6010B	05/18-05/22/06	H49A41AL
		Dilution Factor: 1		Analysis Time..: 12:11		
Sodium	414	50.0	mg/L	SW846 6010B	05/18-05/22/06	H49A41AM
		Dilution Factor: 10		Analysis Time..: 18:08		

ConocoPhillips Company

Client Sample ID: MW-11

General Chemistry

Lot-Sample #...: I6E120144-006 **Work Order #...:** H49A4 **Matrix.....:** WATER
Date Sampled...: 05/10/06 10:25 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**195**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/16/06**	**6137148**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/06	6137120
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**3500**	**1000**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 1000		Analysis Time..: 16:28		
Sulfate	**346**	**100**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 100		Analysis Time..: 10:06		
Total Alkalinity	**198**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**6190**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:24		

ConocoPhillips Company

Client Sample ID: MW-12

GC/MS Volatiles

Lot-Sample #...: I6E120144-007 **Work Order #...:** H49A71AD **Matrix.....:** WATER
Date Sampled...: 05/11/06 08:50 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 22:36
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	120	(67 - 130)
Toluene-d8	98	(83 - 115)
4-Bromofluorobenzene	98	(79 - 119)
Dibromofluoromethane	118	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-12

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-007 **Work Order #...:** H49A71AN **Matrix.....:** WATER
Date Sampled...: 05/11/06 08:50 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 16:14
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
[illegible]deno(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	89	(28 - 120)
2-Fluorobiphenyl	91	(23 - 119)
Terphenyl-d14	93	(10 - 123)
2-Fluorophenol	84	(22 - 121)
Phenol-d5	84	(34 - 117)
2,4,6-Tribromophenol	97	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-12

TOTAL Metals

Lot-Sample #...: I6E120144-007 **Matrix.....:** WATER
Date Sampled...: 05/11/06 08:50 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**5070**	**50.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A71AJ**
		Dilution Factor: 10		Analysis Time..: 18:13		
Magnesium	**1320**	**50.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A71AK**
		Dilution Factor: 10		Analysis Time..: 18:13		
Potassium	**118**	**50.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49A71AL**
		Dilution Factor: 10		Analysis Time..: 18:13		
Sodium	**25200**	**5000**	**mg/L**	**SW846 6010B**	**05/18-05/23/06**	**H49A71AM**
		Dilution Factor: 1000		Analysis Time..: 16:50		

ConocoPhillips Company

Client Sample ID: MW-12

General Chemistry

Lot-Sample #...: I6E120144-007 Work Order #...: H49A7 Matrix.....: WATER
Date Sampled...: 05/11/06 08:50 Date Received..: 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**83.0**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**46300**	**5000**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 5000		Analysis Time..: 16:43		
Sulfate	**1110**	**200**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 200		Analysis Time..: 17:29		
Total Alkalinity	**92.8**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**81200**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:34		

ConocoPhillips Company

Client Sample ID: MW-13

GC/MS Volatiles

Lot-Sample #...: I6E120144-008 **Work Order #...:** H49CC1AD **Matrix.....:** WATER
Date Sampled...: 05/11/06 09:55 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 23:02
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	101	(67 - 130)
Toluene-d8	98	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	110	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-13

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-008 **Work Order #...:** H49CC1AN **Matrix.....:** WATER
Date Sampled...: 05/11/06 09:55 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 11:45
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	97	(28 - 120)
2-Fluorobiphenyl	93	(23 - 119)
Terphenyl-d14	96	(10 - 123)
2-Fluorophenol	97	(22 - 121)
Phenol-d5	94	(34 - 117)
2,4,6-Tribromophenol	96	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-13

TOTAL Metals

Lot-Sample #...: I6E120144-008 **Matrix.....:** WATER
Date Sampled...: 05/11/06 09:55 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**200**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CC1AJ**
		Dilution Factor: 1		Analysis Time..: 18:19		
Magnesium	**43.6**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CC1AK**
		Dilution Factor: 1		Analysis Time..: 18:19		
Potassium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H49CC1AL
		Dilution Factor: 1		Analysis Time..: 18:19		
Sodium	**64.4**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CC1AM**
		Dilution Factor: 1		Analysis Time..: 18:19		

ConocoPhillips Company

Client Sample ID: MW-13

General Chemistry

Lot-Sample #...: I6E120144-008 **Work Order #...:** H49CC **Matrix.....:** WATER
Date Sampled...: 05/11/06 09:55 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**216**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**200**	**100**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 100		Analysis Time..: 11:06		
Sulfate	**213**	**100**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 100		Analysis Time..: 11:06		
Total Alkalinity	**228**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**1070**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:36		

ConocoPhillips Company

Client Sample ID: MW-14

GC/MS Volatiles

Lot-Sample #...: I6E120144-009 **Work Order #...:** H49CJ1AD **Matrix.....:** WATER
Date Sampled...: 05/10/06 11:15 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 23:27
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	98	(83 - 115)
4-Bromofluorobenzene	91	(79 - 119)
Dibromofluoromethane	110	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-14

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-009 **Work Order #...:** H49CJ1AN **Matrix.....:** WATER
Date Sampled...: 05/10/06 11:15 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 16:44
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	87	(23 - 119)
Terphenyl-d14	87	(10 - 123)
2-Fluorophenol	87	(22 - 121)
Phenol-d5	84	(34 - 117)
2,4,6-Tribromophenol	91	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-14

TOTAL Metals

Lot-Sample #...: I6E120144-009 **Matrix.....:** WATER
Date Sampled...: 05/10/06 11:15 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**669**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CJ1AJ**
		Dilution Factor: 1		Analysis Time..: 18:24		
Magnesium	**195**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CJ1AK**
		Dilution Factor: 1		Analysis Time..: 18:24		
Potassium	**7.3**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CJ1AL**
		Dilution Factor: 1		Analysis Time..: 18:24		
Sodium	**56.8**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CJ1AM**
		Dilution Factor: 1		Analysis Time..: 18:24		

ConocoPhillips Company

Client Sample ID: MW-14

General Chemistry

Lot-Sample #...: I6E120144-009 **Work Order #...:** H49CJ **Matrix.....:** WATER
Date Sampled...: 05/10/06 11:15 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**195**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**1120**	**200**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 200		Analysis Time..: 17:44		
Sulfate	**853**	**100**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 100		Analysis Time..: 11:21		
Total Alkalinity	**198**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**3760**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:38		

ConocoPhillips Company

Client Sample ID: MW-15

GC/MS Volatiles

Lot-Sample #...: I6E120144-010 **Work Order #...:** H49CK1AD **Matrix.....:** WATER
Date Sampled...: 05/09/06 11:10 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 12:51
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**3.2**	**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	101	(67 - 130)
Toluene-d8	99	(83 - 115)
4-Bromofluorobenzene	94	(79 - 119)
Dibromofluoromethane	110	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-15

GC/MS Semivolatiles

Lot-Sample #...: I6E120144-010 **Work Order #...:** H49CK1AN **Matrix.....:** WATER
Date Sampled...: 05/09/06 11:10 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 17:14
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	88	(28 - 120)
2-Fluorobiphenyl	88	(23 - 119)
Terphenyl-d14	92	(10 - 123)
2-Fluorophenol	87	(22 - 121)
Phenol-d5	85	(34 - 117)
2,4,6-Tribromophenol	95	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-15

TOTAL Metals

Lot-Sample #...: I6E120144-010 **Matrix.....:** WATER
Date Sampled...: 05/09/06 11:10 **Date Received..:** 05/12/06 08:50

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**121**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CK1AJ**
		Dilution Factor: 1		Analysis Time..: 18:42		
Magnesium	**51.8**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CK1AK**
		Dilution Factor: 1		Analysis Time..: 18:42		
Potassium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H49CK1AL
		Dilution Factor: 1		Analysis Time..: 18:42		
Sodium	**55.5**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H49CK1AM**
		Dilution Factor: 1		Analysis Time..: 18:42		

ConocoPhillips Company

Client Sample ID: MW-15

General Chemistry

Lot-Sample #...: I6E120144-010 Work Order #...: H49CK Matrix.....: WATER
Date Sampled...: 05/09/06 11:10 Date Received..: 05/12/06 08:50

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	281	5.0	mg/L	MCAWW 310.1	05/16/06	6137148
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/06	6137120
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	210	100	mg/L	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 100		Analysis Time..: 11:36		
Sulfate	23.2	5.0	mg/L	MCAWW 300.0A	05/24/06	6145067
		Dilution Factor: 5		Analysis Time..: 12:59		
Total Alkalinity	293	5.0	mg/L	MCAWW 310.1	05/22/06	6142348
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	743	40.0	mg/L	MCAWW 160.1	05/15/06	6135613
		Dilution Factor: 1		Analysis Time..: 18:18		

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I6E120144 **Work Order #...:** H5FL31AA **Matrix.....:** WATER
MB Lot-Sample #: I6E160000-070

Prep Date.....: 05/15/06 **Analysis Time..:** 14:57
Analysis Date..: 05/15/06 **Prep Batch #...:** 6136070
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	96	(67 - 130)
Toluene-d8	98	(83 - 115)
4-Bromofluorobenzene	94	(79 - 119)
Dibromofluoromethane	105	(88 - 119)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I6E120144 **Work Order #...:** H5H4R1AD **Matrix.....:** WATER
MB Lot-Sample #: I6E170000-039

Prep Date.....: 05/16/06 **Analysis Time..:** 11:09
Analysis Date..: 05/16/06 **Prep Batch #...:** 6137039
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	94	(67 - 130)
Toluene-d8	98	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	106	(88 - 119)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: I6E120144 **Work Order #...:** H5JCL1AA **Matrix.....:** WATER
MB Lot-Sample #: I6E170000-171

Prep Date.....: 05/16/06 **Analysis Time..:** 10:45
Analysis Date..: 05/19/06 **Prep Batch #...:** 6137171
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	79	(28 - 120)
2-Fluorobiphenyl	78	(23 - 119)
Terphenyl-d14	89	(10 - 123)
2-Fluorophenol	82	(22 - 121)
Phenol-d5	78	(34 - 117)
2,4,6-Tribromophenol	87	(33 - 124)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I6E120144 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I6E180000-481 **Prep Batch #...:** 6138481						
Calcium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AU
		Dilution Factor: 1				
		Analysis Time..: 11:27				
Magnesium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AV
		Dilution Factor: 1				
		Analysis Time..: 11:27				
Potassium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AW
		Dilution Factor: 1				
		Analysis Time..: 11:27				
Sodium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AX
		Dilution Factor: 1				
		Analysis Time..: 17:34				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: I6E120144 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: H52K91AA		MB Lot-Sample #:	I6E240000-083	
	ND	1.0	mg/L	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 1				
		Analysis Time..: 08:07				
Sulfate		Work Order #: H52LA1AA		MB Lot-Sample #:	I6E240000-085	
	ND	1.0	mg/L	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 1				
		Analysis Time..: 08:07				
Sulfate		Work Order #: H55K11AA		MB Lot-Sample #:	I6E250000-067	
	ND	1.0	mg/L	MCAWW 300.0A	05/24/06	6145067
		Dilution Factor: 1				
		Analysis Time..: 08:15				
Total Alkalinity		Work Order #: H5XGE1AA		MB Lot-Sample #:	I6E220000-348	
	ND	5.0	mg/L	MCAWW 310.1	05/22/06	6142348
		Dilution Factor: 1				
		Analysis Time..: 13:00				
Total Dissolved Solids		Work Order #: H5FFT1AA		MB Lot-Sample #:	I6E150000-613	
	ND	40.0	mg/L	MCAWW 160.1	05/15/06	6135613
		Dilution Factor: 1				
		Analysis Time..: 18:00				
Total Dissolved Solids		Work Order #: H5FFV1AA		MB Lot-Sample #:	I6E150000-614	
	ND	40.0	mg/L	MCAWW 160.1	05/15/06	6135614
		Dilution Factor: 1				
		Analysis Time..: 18:00				

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 #...: I6E120144 **Work Order #...:** H5FL31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I6E160000-070 H5FL31AD-LCSD
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 08:30
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	94	(70 - 118)			SW846 8260B
	93	(70 - 118)	0.77	(0-20)	SW846 8260B
Ethylbenzene	100	(72 - 121)			SW846 8260B
	99	(72 - 121)	0.63	(0-20)	SW846 8260B
Toluene	96	(76 - 120)			SW846 8260B
	95	(76 - 120)	0.25	(0-20)	SW846 8260B
Xylenes (total)	101	(72 - 121)			SW846 8260B
	101	(72 - 121)	0.50	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(75 - 115)
	99	(75 - 115)
Toluene-d8	100	(90 - 114)
	101	(90 - 114)
4-Bromofluorobenzene	95	(86 - 117)
	95	(86 - 117)
Dibromofluoromethane	106	(81 - 110)
	107	(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 #...: I6E120144 **Work Order #...:** H5H4R1AA-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I6E170000-039 H5H4R1AC-LCSD
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 07:41
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	91	(70 - 118)			SW846 8260B
	101	(70 - 118)	9.9	(0-20)	SW846 8260B
Ethylbenzene	100	(72 - 121)			SW846 8260B
	107	(72 - 121)	6.9	(0-20)	SW846 8260B
Toluene	96	(76 - 120)			SW846 8260B
	103	(76 - 120)	6.7	(0-20)	SW846 8260B
Xylenes (total)	101	(72 - 121)			SW846 8260B
	107	(72 - 121)	6.6	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(75 - 115)
	96	(75 - 115)
oluene-d8	99	(90 - 114)
	99	(90 - 114)
4-Bromofluorobenzene	94	(86 - 117)
	91	(86 - 117)
Dibromofluoromethane	105	(81 - 110)
	106	(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 #...: I6E120144 **Work Order #...:** H5JCL1AC **Matrix.....:** WATER
LCS Lot-Sample#: I6E170000-171
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 11:15
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	105 a	(60 - 102)	SW846 8270C
Acenaphthylene	105 a	(59 - 100)	SW846 8270C
Anthracene	95	(60 - 102)	SW846 8270C
Benzo(a)anthracene	95	(58 - 102)	SW846 8270C
Benzo(a)pyrene	100	(57 - 103)	SW846 8270C
Benzo(b)fluoranthene	102 a	(55 - 99)	SW846 8270C
Benzo(ghi)perylene	95	(52 - 112)	SW846 8270C
Benzo(k)fluoranthene	96	(56 - 112)	SW846 8270C
Chrysene	94	(59 - 105)	SW846 8270C
Dibenz(a,h)anthracene	92	(56 - 110)	SW846 8270C
Fluoranthene	100	(58 - 106)	SW846 8270C
Fluorene	100	(61 - 104)	SW846 8270C
Indeno(1,2,3-cd)pyrene	95	(57 - 110)	SW846 8270C
Naphthalene	99	(58 - 101)	SW846 8270C
Phenanthrene	100	(59 - 108)	SW846 8270C
Pyrene	101	(62 - 104)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	98	(28 - 120)
2-Fluorobiphenyl	99	(23 - 119)
Terphenyl-d14	93	(10 - 123)
2-Fluorophenol	98	(22 - 121)
Phenol-d5	98	(34 - 117)
2,4,6-Tribromophenol	98	(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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I6E120144 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I6E180000-481 **Prep Batch #...:** 6138481					
Calcium	99	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A2
		Dilution Factor: 1		Analysis Time..: 11:33	
Magnesium	98	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A3
		Dilution Factor: 1		Analysis Time..: 11:33	
Potassium	100	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A4
		Dilution Factor: 1		Analysis Time..: 11:33	
Sodium	95	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A5
		Dilution Factor: 1		Analysis Time..: 17:40	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: I6E120144 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:H5XGE1AC-LCS/H5XGE1AD-LCSD				LCS Lot-Sample#: I6E220000-348	
	103	(80 - 120)			MCAWW 310.1	05/22/06	6142348
	101	(80 - 120)	1.6	(0-20)	MCAWW 310.1	05/22/06	6142348

Dilution Factor: 1 Analysis Time..: 13:00

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: H52K91AC	LCS Lot-Sample#: I6E240000-083		
	100	(90 - 110)	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 1	Analysis Time..: 08:22		
Sulfate		Work Order #: H52LA1AC	LCS Lot-Sample#: I6E240000-085		
	103	(90 - 110)	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 1	Analysis Time..: 08:22		
Sulfate		Work Order #: H55K11AC	LCS Lot-Sample#: I6E250000-067		
	102	(90 - 110)	MCAWW 300.0A	05/24/06	6145067
		Dilution Factor: 1	Analysis Time..: 08:29		
Total Dissolved Solids		Work Order #: H5FFT1AC	LCS Lot-Sample#: I6E150000-613		
	101	(87 - 113)	MCAWW 160.1	05/15/06	6135613
		Dilution Factor: 1	Analysis Time..: 18:02		
Total Dissolved Solids		Work Order #: H5FFV1AC	LCS Lot-Sample#: I6E150000-614		
	100	(87 - 113)	MCAWW 160.1	05/15/06	6135614
		Dilution Factor: 1	Analysis Time..: 18:02		

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 #...: I6E120144 **Work Order #...:** H45R11AJ-MS **Matrix.....:** WATER
MS Lot-Sample #: I6E110111-006 H45R11AK-MSD
Date Sampled...: 05/04/06 10:58 **Date Received..:** 05/10/06 10:10
Prep Date.....: 05/15/06 **Analysis Date..:** 05/15/06
Prep Batch #...: 6136070 **Analysis Time..:** 10:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	102	(70 - 118)			SW846 8260B
	98	(70 - 118)	3.2	(0-20)	SW846 8260B
Ethylbenzene	111	(72 - 121)			SW846 8260B
	106	(72 - 121)	5.4	(0-20)	SW846 8260B
Toluene	108	(76 - 120)			SW846 8260B
	102	(76 - 120)	5.6	(0-20)	SW846 8260B
Xylenes (total)	110	(72 - 121)			SW846 8260B
	106	(72 - 121)	3.9	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(67 - 130)
	98	(67 - 130)
Toluene-d8	99	(83 - 115)
	100	(83 - 115)
4-Bromofluorobenzene	95	(79 - 119)
	95	(79 - 119)
Dibromofluoromethane	105	(88 - 119)
	105	(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 #...: I6E120144 **Work Order #...:** H44WN1AQ-MS **Matrix.....:** WATER
MS Lot-Sample #: I6E100286-033 H44WN1AR-MSD
Date Sampled...: 05/08/06 16:21 **Date Received..:** 05/10/06 10:10
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 09:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	109	(70 - 118)			SW846 8260B
	101	(70 - 118)	3.6	(0-20)	SW846 8260B
Ethylbenzene	114	(72 - 121)			SW846 8260B
	116	(72 - 121)	1.6	(0-20)	SW846 8260B
Toluene	110	(76 - 120)			SW846 8260B
	110	(76 - 120)	0.0	(0-20)	SW846 8260B
Xylenes (total)	113	(72 - 121)			SW846 8260B
	115	(72 - 121)	1.6	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(67 - 130)
	97	(67 - 130)
Toluene-d8	100	(83 - 115)
	99	(83 - 115)
4-Bromofluorobenzene	96	(79 - 119)
	94	(79 - 119)
Dibromofluoromethane	107	(88 - 119)
	106	(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 #...: I6E120144 **Work Order #...:** H49CC1AP-MS **Matrix.....:** WATER
MS Lot-Sample #: I6E120144-008 H49CC1AQ-MSD
Date Sampled...: 05/11/06 09:55 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 12:14
Dilution Factor: 0.98

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	107 a	(60 - 102)			SW846 8270C
	97	(60 - 102)	11	(0-20)	SW846 8270C
Acenaphthylene	107 a	(59 - 100)			SW846 8270C
	97	(59 - 100)	11	(0-20)	SW846 8270C
Anthracene	96	(60 - 102)			SW846 8270C
	88	(60 - 102)	9.5	(0-20)	SW846 8270C
Benzo(a)anthracene	97	(58 - 102)			SW846 8270C
	90	(58 - 102)	8.0	(0-20)	SW846 8270C
Benzo(a)pyrene	102	(57 - 103)			SW846 8270C
	93	(57 - 103)	9.5	(0-20)	SW846 8270C
Benzo(b)fluoranthene	101 a	(55 - 99)			SW846 8270C
	86	(55 - 99)	17	(0-20)	SW846 8270C
Benzo(ghi)perylene	97	(52 - 112)			SW846 8270C
	90	(52 - 112)	8.1	(0-20)	SW846 8270C
Benzo(k)fluoranthene	101	(56 - 112)			SW846 8270C
	102	(56 - 112)	0.15	(0-20)	SW846 8270C
Chrysene	94	(59 - 105)			SW846 8270C
	88	(59 - 105)	8.0	(0-20)	SW846 8270C
Dibenz(a,h)anthracene	95	(56 - 110)			SW846 8270C
	89	(56 - 110)	7.4	(0-20)	SW846 8270C
Fluoranthene	102	(58 - 106)			SW846 8270C
	95	(58 - 106)	8.1	(0-20)	SW846 8270C
Fluorene	102	(61 - 104)			SW846 8270C
	92	(61 - 104)	11	(0-20)	SW846 8270C
Indeno(1,2,3-cd)pyrene	97	(57 - 110)			SW846 8270C
	90	(57 - 110)	8.7	(0-20)	SW846 8270C
Naphthalene	102 a	(58 - 101)			SW846 8270C
	92	(58 - 101)	11	(0-20)	SW846 8270C
Phenanthrene	102	(59 - 108)			SW846 8270C
	94	(59 - 108)	8.7	(0-20)	SW846 8270C
Pyrene	101	(62 - 104)			SW846 8270C
	94	(62 - 104)	8.8	(0-20)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(28 - 120)
	93	(28 - 120)
Fluorobiphenyl	105	(23 - 119)
	98	(23 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I6E120144 **Work Order #...:** H49CC1AP-MS **Matrix.....:** WATER
MS Lot-Sample #: I6E120144-008 H49CC1AQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	93	(10 - 123)
	89	(10 - 123)
2-Fluorophenol	100	(22 - 121)
	92	(22 - 121)
Phenol-d5	99	(34 - 117)
	93	(34 - 117)
2,4,6-Tribromophenol	99	(33 - 124)
	93	(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 #...: I6E120144 **Matrix.....:** WATER
Date Sampled...: 05/16/06 09:49 **Date Received..:** 05/16/06 10:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I6E160150-002 **Prep Batch #...:** 6138481							
Calcium	102	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CC
	103	(75 - 125)	0.82	(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CD
		Dilution Factor: 1					
		Analysis Time..: 13:57					
Magnesium	100	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CF
	100	(75 - 125)	0.42	(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CG
		Dilution Factor: 1					
		Analysis Time..: 13:57					
Potassium	114	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CJ
	108	(75 - 125)	2.0	(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CK
		Dilution Factor: 1					
		Analysis Time..: 13:57					
Sodium	NC	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CM
	NC	(75 - 125)		(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CN
		Dilution Factor: 1					
		Analysis Time..: 13:57					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Matrix.....:** WATER
Date Sampled...: 05/09/06 **Date Received..:** 05/13/06 08:40

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		WO#: H48841AP-MS/H48841AQ-MSD			MS Lot-Sample #: I6E120144-001		
	124 N	(90 - 110)			MCAWW 300.0A	05/23/06	6144083
	133 N	(90 - 110)	4.7	(0-20)	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 100					
		Analysis Time..: 08:52					
Sulfate		WO#: H48841AR-MS/H48841AT-MSD			MS Lot-Sample #: I6E120144-001		
	88 N	(90 - 110)			MCAWW 300.0A	05/23/06	6144085
	91	(90 - 110)	2.4	(0-20)	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 1					
		Analysis Time..: 14:58					
Sulfate		WO#: H5D2Q1AP-MS/H5D2Q1AQ-MSD			MS Lot-Sample #: I6E150111-001		
	88 N	(90 - 110)			MCAWW 300.0A	05/24/06	6145067
	92	(90 - 110)	3.0	(0-20)	MCAWW 300.0A	05/24/06	6145067
		Dilution Factor: 20					
		Analysis Time..: 09:59					

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 #...: I6E120144 **Work Order #...:** H4524-SMP H4524-DUP **Matrix.....:** WATER

Date Sampled...: 05/10/06 10:58 **Date Received..:** 05/11/06 08:00

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: I6E110138-015		
	1320	1310	mg/L	0.76	(0-20)	MCAWW 160.1	05/15/06	6135613
			Dilution Factor: 1			Analysis Time..: 18:38		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Work Order #...:** H4874-SMP H4874-DUP **Matrix.....:** WATER

Date Sampled...: 05/10/06 13:45 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: I6E120139-001		
	1160	1160	mg/L	0.0	(0-20)	MCAWW 160.1	05/15/06	6135614

Dilution Factor: 1 Analysis Time..: 18:04

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Work Order #...:** H4XC8-SMP H4XC8-DUP **Matrix.....:** WATER

Date Sampled...: 05/04/06 13:00 **Date Received..:** 05/06/06 08:40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E080125-001		
	506	508	mg/L	0.44	(0-20)	MCAWW 310.1	05/16/06	6137148
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E080125-001		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/16/06	6137120
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Work Order #...:** H49A4-SMP **Matrix.....:** WATER
H49A4-DUP
Date Sampled...: 05/10/06 10:25 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E120144-006		
	195	203	mg/L	4.1	(0-20)	MCAWW 310.1	05/16/06	6137148
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E120144-006		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/16/06	6137120
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Work Order #...:** H49CJ-SMP H49CJ-DUP **Matrix.....:** WATER

Date Sampled...: 05/10/06 11:15 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E120144-009		
	195	200	mg/L	2.6	(0-20)	MCAWW 310.1	05/17/06	6137446
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E120144-009		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/17/06	6137445
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Work Order #...:** H5CWA-SMP H5CWA-DUP **Matrix.....:** WATER

Date Sampled...: 05/12/06 **Date Received..:** 05/13/06 08:40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E130127-007		
	225	231	mg/L	2.5	(0-20)	MCAWW 310.1	05/17/06	6137446
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E130127-007		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/17/06	6137445
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Work Order #...:** H425M-SMP H425M-DUP **Matrix.....:** WATER

Date Sampled...: 05/09/06 09:04 **Date Received..:** 05/10/06 08:40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #: I6E100115-001		
	172	173	mg/L	0.72	(0-20)	MCAWW 310.1	05/22/06	6142348

Dilution Factor: 1 Analysis Time..: 13:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E120144 **Work Order #...:** H49CK-SMP H49CK-DUP **Matrix.....:** WATER

Date Sampled...: 05/09/06 11:10 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #: I6E120144-010		
	293	286	mg/L	2.2	(0-20)	MCAWW 310.1	05/22/06	6142348

Dilution Factor: 1 Analysis Time..: 13:00

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.
EPA 8151A: Laboratory utilizes alternate extraction solvent.
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 SQL (sample quantitation limit).

SEVERN TRENT STL

CHAIN-OF-CUSTODY ADDENDUM

Lot No: I6E120144

RECEIVED BY: [signature]

COC NUMBER: _____

DATE/TIME RECEIVED: 5-12-06

QUOTE/PROFILE: 42065

UNPACKED DATE/TIME: 5-12-06

CLIENT/PROJECT: Maxim

SAMPLES LOGGED IN: CC

LOG-IN REVIEWED: [signature]

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: CC

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

Custody Seal Present: ☑ YES ☐ NO — Containers checked for radioactivity: ☐ YES ☐ NO ☑ N/A

If seal not intact or Geiger counter reading >0.5 mR/hr, 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 4.0°C ± 2.0°; (NC, WI: 1-4.4°C)]*

TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
(SC) 2.2°C	(SC) 2.1°C	(SC) 2.3°C	(SC) 2.6°C	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 **VERIFIED BY:** CC

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

CONDITION OF BOTTLES/CONTAINERS VERIFIED BY: EC

mples received match COC: ☐ YES ☐ NO Bottles received intact: ☑ YES ☐ NO

e additional discrepancies/comments section: ☐ YES ☑ NO Samples received from USDA restricted area: ☐ YES ☑ NO

ain-of-Custody form properly maintained: ☑ YES ☐ NO VOA trip blanks included: 2 x 40ml ☑ YES ☐ NO ☐ N/A

ADDITIONAL DISCREPANCIES

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

SHIPPING DOCUMENTATION:

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

and-delivered Carrier: _____ Date: _____ Time: _____

OTHER COMMENTS:

ORRECTIVE ACTION:

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

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

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

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

EVIEW:

oject Management: _____ Date: 5-15-06

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$0012512-001

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

063825

STL4149 (1202)

Client	Project Manager	Date	Page 1 of 5
Maxim Technologies	Greg Pope	05/01/2006	
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			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 6519MAX003		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	MS 8270	Al,Ca,Fe,K,Mg,Na	Al,Ca,Fe,K,Mg,Na	Al,Ca,Fe,K,Mg,Na	Ion Chrom Cl,SO4	Ion Chrom Cl,SO4	TDS	MS 8260
~~MW-2~~			~~WATER~~	~~1L~~	~~AMBER~~	~~3~~	~~None~~										X
~~MW-2~~			~~WATER~~	~~40mL~~	~~VIAL~~	~~4~~	~~1:1 HCL~~		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	05/11/06	09:50	WATER	1L	AMBER	2	None	2.6° 5-12-06 CC									X
MW-4	05/11/06	09:50	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-4	05/11/06	09:50	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-4	05/11/06	09:50	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
DUP-1	05/11/06	—	WATER	1L	AMBER	2	None										X
DUP-1	05/11/06	—	WATER	40mL	VIAL	4	1:1 HCL		X								
DUP-1	05/11/06	—	WATER	250mL	PLASTIC	1	Conc HNO3			X							
DUP-1	05/11/06	—	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
~~MW-5~~ TRIPBLANK#1			~~WATER~~	~~1L~~	~~AMBER~~	~~2~~	~~None~~		X								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	

NOTE: Pages 4 & 5 to be delivered via FedEx on Friday.

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	05/11/06	16:30	1. Received By	5-12-06	0850
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

77/79

Chain of Custody Record

CHAIN OF CUSTODY NUMBER
$@012512-002

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

013826

STL4149 (1202)

Client	Project Manager	Date	Page 2 of 5
Maxim Technologies	Greg Pope	05/01/2006	
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			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 6519MAX003		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 HCO3	ALK	ALK	ICCL	ICCS 04	TDS	MS 8270 CL
~~MW-6~~ MW-20	05/10/06	13:00	WATER	1L	AMBER	2	None	2.6°C 5-12-06 CC									X
~~MW-6~~ MW-20	05/10/06	13:00	WATER	40mL	VIAL	4	1:1 HCL		X								
~~MW-6~~ MW-20	05/10/06	13:00	WATER	250mL	PLASTIC	1	Conc HNO3			X							
~~MW-6~~ MW-20	05/10/06	13:00	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
~~MW-6~~			~~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	
MW-10	05/10/06	14:55	WATER	1L	AMBER	2	None										X
MW-10	05/10/06	14:55	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-10	05/10/06	14:55	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-10	05/10/06	14:55	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-11	05/10/06	10:25	WATER	1L	AMBER	2	None										X
MW-11	05/10/06	10:25	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-11	05/10/06	10:25	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-11	05/10/06	10:25	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	05/11/06	16:30	1. Received By	5-12-06	0850
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 $4012512-003

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

613827

STL4149 (1202)

Client	Project Manager	Date	Page 3 of 5
Maxim Technologies	Greg Pope	05/01/2006	
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			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 6519MAX003		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	MSD 8260	ALK	ALK	ALK	ICP 6010	ICP 6010	TDS	MS 8270
MW-12	05/11/06	08:50	WATER	1L	AMBER	2	None	26° 4-15-06 CC									X
MW-12	05/11/06	08:50	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-12	05/11/06	08:50	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-12	05/11/06	08:50	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-13	05/09/06	09:55	WATER	1L	AMBER	2	None										X
MW-13	05/09/06	09:55	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-13	05/09/06	09:55	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-13	05/09/06	09:55	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-14	05/10/06	11:15	WATER	1L	AMBER	2	None										X
MW-14	05/10/06	11:15	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-14	05/10/06	11:15	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-14	05/10/06	11:15	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-15	05/09/06	11:10	WATER	1L	AMBER	2	None										X
MW-15	05/09/06	11:10	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-15	05/09/06	11:10	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-15	05/09/06	11:10	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	05/11/06	16:30	1. Received By	5-12-06	0850
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

79/79

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Certificate of Analysis

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ANALYTICAL REPORT

PROJECT NO. MALJAMAR, NM

6519 Maljamar Gas Plant

Lot #: I6E130127

Greg Pope

Maxim Technologies
1703 W Industrial Ave
Midland, TX 79701

SEVERN TRENT LABORATORIES, INC.

Carla M. Butler
Project Manager

May 26, 2006

American Council of Independent Laboratories
International Association of Environmental Testing Laboratories

Case Narrative

STL LOT NUMBER: **I6E130127**

This report contains the analytical results for the eight samples received under chain of custody by Severn Trent Laboratories (STL) on May 13, 2006. These samples are associated with your 6519 Maljamar Gas Plant project.

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

Some compounds were recovered above control limits for the LCS and/or LCSD of the 8270 analysis. Since the analytes were not detected in any of the associated samples, the slight positive bias is not believed to have impacted the quality of the data.

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) 244-0855.

EXECUTIVE SUMMARY - Detection Highlights

I6E130127

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-16 05/09/06 13:30 001				
Calcium	183	5.0	mg/L	SW846 6010B
Magnesium	52.1	5.0	mg/L	SW846 6010B
Sodium	75.7	5.0	mg/L	SW846 6010B
Total Dissolved Solids	1020	40.0	mg/L	MCAWW 160.1
Chloride	287	50.0	mg/L	MCAWW 300.0A
Sulfate	147	50.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	247	5.0	mg/L	MCAWW 310.1
Total Alkalinity	262	5.0	mg/L	MCAWW 310.1
MW-17 05/12/06 08:05 002				
Calcium	442	5.0	mg/L	SW846 6010B
Magnesium	85.5	5.0	mg/L	SW846 6010B
Potassium	5.4	5.0	mg/L	SW846 6010B
Sodium	273	50.0	mg/L	SW846 6010B
Total Dissolved Solids	2690	40.0	mg/L	MCAWW 160.1
Chloride	1020	100	mg/L	MCAWW 300.0A
Sulfate	300	50.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	160	5.0	mg/L	MCAWW 310.1
Total Alkalinity	160	5.0	mg/L	MCAWW 310.1
MW-18 05/10/06 14:05 003				
Calcium	2360	50.0	mg/L	SW846 6010B
Magnesium	752	50.0	mg/L	SW846 6010B
Potassium	49.6	5.0	mg/L	SW846 6010B
Sodium	3520	500	mg/L	SW846 6010B
Total Dissolved Solids	19800	40.0	mg/L	MCAWW 160.1
Chloride	10500	2000	mg/L	MCAWW 300.0A
Sulfate	717	100	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	120	5.0	mg/L	MCAWW 310.1
Total Alkalinity	124	5.0	mg/L	MCAWW 310.1

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EXECUTIVE SUMMARY - Detection Highlights

I6E130127

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW-19 05/10/06 09:40 004				
Calcium	148	5.0	mg/L	SW846 6010B
Magnesium	40.1	5.0	mg/L	SW846 6010B
Potassium	5.2	5.0	mg/L	SW846 6010B
Sodium	52.4	5.0	mg/L	SW846 6010B
Total Dissolved Solids	576	40.0	mg/L	MCAWW 160.1
Chloride	118	50.0	mg/L	MCAWW 300.0A
Sulfate	17.9	5.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	300	5.0	mg/L	MCAWW 310.1
Total Alkalinity	304	5.0	mg/L	MCAWW 310.1
MW-6 05/12/06 08:25 005				
Calcium	145	5.0	mg/L	SW846 6010B
Magnesium	64.4	5.0	mg/L	SW846 6010B
Sodium	86.3	5.0	mg/L	SW846 6010B
Benzene	8200	100	ug/L	SW846 8260B
Ethylbenzene	230	100	ug/L	SW846 8260B
Toluene	640	100	ug/L	SW846 8260B
Total Dissolved Solids	1120	40.0	mg/L	MCAWW 160.1
Chloride	398	50.0	mg/L	MCAWW 300.0A
Sulfate	36.9	10.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	214	5.0	mg/L	MCAWW 310.1
Total Alkalinity	215	5.0	mg/L	MCAWW 310.1
WW 05/12/06 08:55 006				
Calcium	191	5.0	mg/L	SW846 6010B
Magnesium	62.7	5.0	mg/L	SW846 6010B
Potassium	5.0	5.0	mg/L	SW846 6010B
Sodium	142	5.0	mg/L	SW846 6010B
Total Dissolved Solids	1640	40.0	mg/L	MCAWW 160.1
Chloride	502	50.0	mg/L	MCAWW 300.0A
Sulfate	148	50.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	205	5.0	mg/L	MCAWW 310.1
Total Alkalinity	207	5.0	mg/L	MCAWW 310.1

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EXECUTIVE SUMMARY - Detection Highlights

I6E130127

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
DUP-2 05/12/06 007				
Calcium	144	5.0	mg/L	SW846 6010B
Magnesium	63.0	5.0	mg/L	SW846 6010B
Sodium	84.0	5.0	mg/L	SW846 6010B
Benzene	8900	100	ug/L	SW846 8260B
Ethylbenzene	230	100	ug/L	SW846 8260B
Toluene	210	100	ug/L	SW846 8260B
Total Dissolved Solids	1270	40.0	mg/L	MCAWW 160.1
Chloride	390	50.0	mg/L	MCAWW 300.0A
Sulfate	24.1	10.0	mg/L	MCAWW 300.0A
Bicarbonate Alkalinity	225	5.0	mg/L	MCAWW 310.1
Total Alkalinity	234	5.0	mg/L	MCAWW 310.1

PREPARATION METHODS SUMMARY

I6E130127

PREPARATION DESCRIPTION	PREPARATION METHOD	ANALYTICAL METHOD
Acid Digestion for Total Recoverable Metals	SW846 3005A	SW846 6010B
Chloride	MCAWW 300.0A	MCAWW 300.0A
Continuous Liquid-Liquid Extraction	SW846 3520C	SW846 8270C
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
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

I6E130127

ANALYTICAL METHOD	ANALYST	ANALYST ID
MCAWW 160.1	Robert Hook	011846
MCAWW 160.1	Robert Hook	11846
MCAWW 300.0A	David A. Tocher	800002
MCAWW 310.1	David A. Tocher	800002
MCAWW 310.1	Robert D. O'Keefe	038036
SW846 6010B	Hamid Davoudi	038010
SW846 8260B	David Yancey	014906
SW846 8270C	Mark Malloy	001515

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

I6E130127

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
H5CV4	001	MW-16	05/09/06	13:3(
H5CV5	002	MW-17	05/12/06	08:0!
H5CV6	003	MW-18	05/10/06	14:0!
H5CV7	004	MW-19	05/10/06	09:4(
H5CV8	005	MW-6	05/12/06	08:2!
H5CV9	006	WW	05/12/06	08:5!
H5CWA	007	DUP-2	05/12/06	
H5CWC	008	TRIP BLANK#2	05/12/06	

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

I6E130127

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	MCAWW 160.1		6135613	6135351
	WATER	MCAWW 310.1		6137120	6137069
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137148	6137079
	WATER	MCAWW 310.1		6142348	6142190
002	WATER	MCAWW 160.1		6139259	6139170
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6143401	6143200
003	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6145071	6145042
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6142348	6142190
004	WATER	MCAWW 160.1		6135614	6135352
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6145067	6145039
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6142348	6142190
005	WATER	MCAWW 160.1		6139259	6139170
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

I6E130127

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6143401	6143200
006	WATER	MCAWW 160.1		6139259	6139170
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6143401	6143200
007	WATER	MCAWW 160.1		6139259	6139170
	WATER	MCAWW 310.1		6137445	6137263
	WATER	MCAWW 300.0A		6144083	6144057
	WATER	MCAWW 300.0A		6144085	6144058
	WATER	SW846 8260B		6137039	6137024
	WATER	SW846 8270C		6137171	6137099
	WATER	SW846 6010B		6138481	6138300
	WATER	MCAWW 310.1		6137446	6137264
	WATER	MCAWW 310.1		6143401	6143200
008	WATER	SW846 8260B		6137039	6137024

ConocoPhillips Company

Client Sample ID: MW-16

GC/MS Volatiles

Lot-Sample #...: I6E130127-001 Work Order #...: H5CV41AD Matrix.....: WATER
Date Sampled...: 05/09/06 13:30 Date Received..: 05/13/06 08:40
Prep Date.....: 05/16/06 Analysis Date..: 05/16/06
Prep Batch #...: 6137039 Analysis Time..: 15:50
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	98	(83 - 115)
4-Bromofluorobenzene	91	(79 - 119)
Dibromofluoromethane	113	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-16

GC/MS Semivolatiles

Lot-Sample #...: I6E130127-001 **Work Order #...:** H5CV41AN **Matrix.....:** WATER
Date Sampled...: 05/09/06 13:30 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 17:44
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
[illegible]eno(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	94	(28 - 120)
2-Fluorobiphenyl	92	(23 - 119)
Terphenyl-d14	93	(10 - 123)
2-Fluorophenol	91	(22 - 121)
Phenol-d5	89	(34 - 117)
2,4,6-Tribromophenol	97	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-16

TOTAL Metals

Lot-Sample #...: I6E130127-001 **Matrix.....:** WATER
Date Sampled...: 05/09/06 13:30 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**183**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV41AJ**
		Dilution Factor: 1		Analysis Time..: 18:48		
Magnesium	**52.1**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV41AK**
		Dilution Factor: 1		Analysis Time..: 18:48		
Potassium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5CV41AL
		Dilution Factor: 1		Analysis Time..: 18:48		
Sodium	**75.7**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV41AM**
		Dilution Factor: 1		Analysis Time..: 18:48		

ConocoPhillips Company

Client Sample ID: MW-16

General Chemistry

Lot-Sample #...: I6E130127-001 **Work Order #...:** H5CV4 **Matrix.....:** WATER
Date Sampled...: 05/09/06 13:30 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**247**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/16/06**	**6137148**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/16/06	6137120
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**287**	**50.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 50		Analysis Time..: 12:06		
Sulfate	**147**	**50.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 50		Analysis Time..: 12:06		
Total Alkalinity	**262**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 12:00		
Total Dissolved Solids	**1020**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135613**
		Dilution Factor: 1		Analysis Time..: 18:20		

ConocoPhillips Company

Client Sample ID: MW-17

GC/MS Volatiles

Lot-Sample #...: I6E130127-002 **Work Order #...:** H5CV51AD **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:05 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 16:15
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	99	(83 - 115)
4-Bromofluorobenzene	95	(79 - 119)
Dibromofluoromethane	113	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-17

GC/MS Semivolatiles

Lot-Sample #...: I6E130127-002 **Work Order #...:** H5CV51AN **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:05 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 18:14
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
[illegible]eno(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	99	(28 - 120)
2-Fluorobiphenyl	94	(23 - 119)
Terphenyl-d14	94	(10 - 123)
2-Fluorophenol	92	(22 - 121)
Phenol-d5	92	(34 - 117)
2,4,6-Tribromophenol	101	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-17

TOTAL Metals

Lot-Sample #...: I6E130127-002 **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:05 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**442**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV51AJ**
		Dilution Factor: 1		Analysis Time..: 12:56		
Magnesium	**85.5**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV51AK**
		Dilution Factor: 1		Analysis Time..: 12:56		
Potassium	**5.4**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV51AL**
		Dilution Factor: 1		Analysis Time..: 12:56		
Sodium	**273**	**50.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV51AM**
		Dilution Factor: 10		Analysis Time..: 18:53		

ConocoPhillips Company

Client Sample ID: MW-17

General Chemistry

Lot-Sample #...: I6E130127-002 Work Order #...: H5CV5 Matrix.....: WATER
Date Sampled...: 05/12/06 08:05 Date Received..: 05/13/06 08:40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	160	5.0	mg/L	MCAWW 310.1	05/17/06	6137446
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	1020	100	mg/L	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 100		Analysis Time..: 18:14		
Sulfate	300	50.0	mg/L	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 50		Analysis Time..: 12:21		
Total Alkalinity	160	5.0	mg/L	MCAWW 310.1	05/23/06	6143401
		Dilution Factor: 1		Analysis Time..: 14:00		
Total Dissolved Solids	2690	40.0	mg/L	MCAWW 160.1	05/19/06	6139259
		Dilution Factor: 1		Analysis Time..: 00:00		

ConocoPhillips Company

Client Sample ID: MW-18

GC/MS Volatiles

Lot-Sample #...: I6E130127-003 **Work Order #...:** H5CV61AD **Matrix.....:** WATER
Date Sampled...: 05/10/06 14:05 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 16:41
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	111	(67 - 130)
Toluene-d8	99	(83 - 115)
4-Bromofluorobenzene	94	(79 - 119)
Dibromofluoromethane	115	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-18

GC/MS Semivolatiles

Lot-Sample #...: I6E130127-003 **Work Order #...:** H5CV61AN **Matrix.....:** WATER
Date Sampled...: 05/10/06 14:05 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 18:44
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	95	(28 - 120)
2-Fluorobiphenyl	92	(23 - 119)
Terphenyl-d14	89	(10 - 123)
2-Fluorophenol	91	(22 - 121)
Phenol-d5	90	(34 - 117)
2,4,6-Tribromophenol	96	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-18

TOTAL Metals

Lot-Sample #...: I6E130127-003 Matrix.....: WATER
Date Sampled...: 05/10/06 14:05 Date Received..: 05/13/06 08:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	2360	50.0	mg/L	SW846 6010B	05/18-05/22/06	H5CV61AJ
		Dilution Factor: 10		Analysis Time..: 18:59		
Magnesium	752	50.0	mg/L	SW846 6010B	05/18-05/22/06	H5CV61AK
		Dilution Factor: 10		Analysis Time..: 18:59		
Potassium	49.6	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5CV61AL
		Dilution Factor: 1		Analysis Time..: 13:01		
Sodium	3520	500	mg/L	SW846 6010B	05/18-05/23/06	H5CV61AM
		Dilution Factor: 100		Analysis Time..: 08:49		

ConocoPhillips Company

Client Sample ID: MW-18

General Chemistry

Lot-Sample #...: I6E130127-003 Work Order #...: H5CV6 Matrix.....: WATER
Date Sampled...: 05/10/06 14:05 Date Received..: 05/13/06 08:40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	120	5.0	mg/L	MCAWW 310.1	05/17/06	6137446
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	10500	2000	mg/L	MCAWW 300.0A	05/24/06	6145071
		Dilution Factor: 2000		Analysis Time..: 13:14		
Sulfate	717	100	mg/L	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 100		Analysis Time..: 18:29		
Total Alkalinity	124	5.0	mg/L	MCAWW 310.1	05/22/06	6142348
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	19800	40.0	mg/L	MCAWW 160.1	05/15/06	6135614
		Dilution Factor: 1		Analysis Time..: 18:26		

ConocoPhillips Company

Client Sample ID: MW-19

GC/MS Volatiles

Lot-Sample #...: I6E130127-004 **Work Order #...:** H5CV71AD **Matrix.....:** WATER
Date Sampled...: 05/10/06 09:40 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 17:06
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	99	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	115	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-19

GC/MS Semivolatiles

Lot-Sample #...: I6E130127-004 **Work Order #...:** H5CV71AN **Matrix.....:** WATER
Date Sampled...: 05/10/06 09:40 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 19:13
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	ND	10	ug/L
Phenanthrene	ND	10	ug/L
Pyrene	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	98	(28 - 120)
2-Fluorobiphenyl	93	(23 - 119)
Terphenyl-d14	91	(10 - 123)
2-Fluorophenol	94	(22 - 121)
Phenol-d5	93	(34 - 117)
2,4,6-Tribromophenol	101	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-19

TOTAL Metals

Lot-Sample #...: I6E130127-004 **Matrix.....:** WATER
Date Sampled...: 05/10/06 09:40 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**148**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV71AJ**
		Dilution Factor: 1		Analysis Time..: 19:04		
Magnesium	**40.1**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV71AK**
		Dilution Factor: 1		Analysis Time..: 19:04		
Potassium	**5.2**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV71AL**
		Dilution Factor: 1		Analysis Time..: 19:04		
Sodium	**52.4**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV71AM**
		Dilution Factor: 1		Analysis Time..: 19:04		

ConocoPhillips Company

Client Sample ID: MW-19

General Chemistry

Lot-Sample #...: I6E130127-004 **Work Order #...:** H5CV7 **Matrix.....:** WATER
Date Sampled...: 05/10/06 09:40 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**300**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**118**	**50.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 50		Analysis Time..: 12:51		
Sulfate	**17.9**	**5.0**	**mg/L**	**MCAWW 300.0A**	**05/24/06**	**6145067**
		Dilution Factor: 5		Analysis Time..: 13:29		
Total Alkalinity	**304**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/22/06**	**6142348**
		Dilution Factor: 1		Analysis Time..: 13:00		
Total Dissolved Solids	**576**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/15/06**	**6135614**
		Dilution Factor: 1		Analysis Time..: 18:28		

ConocoPhillips Company

Client Sample ID: MW-6

GC/MS Volatiles

Lot-Sample #...: I6E130127-005 **Work Order #...:** H5CV81AD **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:25 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 12:25
Dilution Factor: 100

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**8200**	**100**	**ug/L**
Ethylbenzene	**230**	**100**	**ug/L**
Toluene	**640**	**100**	**ug/L**
Xylenes (total)	ND	300	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(67 - 130)
Toluene-d8	97	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	107	(88 - 119)

ConocoPhillips Company

Client Sample ID: MW-6

GC/MS Semivolatiles

Lot-Sample #...: I6E130127-005 **Work Order #...:** H5CV81AN **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:25 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 19:43
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
[illegible]eno(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	102	(28 - 120)
2-Fluorobiphenyl	97	(23 - 119)
Terphenyl-d14	97	(10 - 123)
2-Fluorophenol	94	(22 - 121)
Phenol-d5	96	(34 - 117)
2,4,6-Tribromophenol	105	(33 - 124)

ConocoPhillips Company

Client Sample ID: MW-6

TOTAL Metals

Lot-Sample #...: I6E130127-005 **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:25 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**145**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV81AJ**
		Dilution Factor: 1		Analysis Time..: 19:10		
Magnesium	**64.4**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV81AK**
		Dilution Factor: 1		Analysis Time..: 19:10		
Potassium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5CV81AL
		Dilution Factor: 1		Analysis Time..: 19:10		
Sodium	**86.3**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV81AM**
		Dilution Factor: 1		Analysis Time..: 19:10		

ConocoPhillips Company

Client Sample ID: MW-6

General Chemistry

Lot-Sample #...: I6E130127-005 **Work Order #...:** H5CV8 **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:25 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**214**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**398**	**50.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 50		Analysis Time..: 13:06		
Sulfate	**36.9**	**10.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 10		Analysis Time..: 19:15		
Total Alkalinity	**215**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/23/06**	**6143401**
		Dilution Factor: 1		Analysis Time..: 14:00		
Total Dissolved Solids	**1120**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/19/06**	**6139259**
		Dilution Factor: 1		Analysis Time..: 00:00		

ConocoPhillips Company

Client Sample ID: WW

GC/MS Volatiles

Lot-Sample #...: I6E130127-006 **Work Order #...:** H5CV91AD **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:55 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 17:32
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	123	(67 - 130)
Toluene-d8	100	(83 - 115)
4-Bromofluorobenzene	99	(79 - 119)
Dibromofluoromethane	108	(88 - 119)

ConocoPhillips Company

Client Sample ID: WW

GC/MS Semivolatiles

Lot-Sample #...: I6E130127-006 **Work Order #...:** H5CV91AN **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:55 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 20:13
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	105	(28 - 120)
2-Fluorobiphenyl	99	(23 - 119)
Terphenyl-d14	98	(10 - 123)
2-Fluorophenol	75	(22 - 121)
Phenol-d5	73	(34 - 117)
2,4,6-Tribromophenol	108	(33 - 124)

ConocoPhillips Company

Client Sample ID: WW

TOTAL Metals

Lot-Sample #...: I6E130127-006 **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:55 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**191**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV91AJ**
		Dilution Factor: 1		Analysis Time..: 19:16		
Magnesium	**62.7**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV91AK**
		Dilution Factor: 1		Analysis Time..: 19:16		
Potassium	**5.0**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV91AL**
		Dilution Factor: 1		Analysis Time..: 19:16		
Sodium	**142**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CV91AM**
		Dilution Factor: 1		Analysis Time..: 19:16		

ConocoPhillips Company

Client Sample ID: WW

General Chemistry

Lot-Sample #...: I6E130127-006 **Work Order #...:** H5CV9 **Matrix.....:** WATER
Date Sampled...: 05/12/06 08:55 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**205**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**502**	**50.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 50		Analysis Time..: 13:21		
Sulfate	**148**	**50.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 50		Analysis Time..: 13:21		
Total Alkalinity	**207**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/23/06**	**6143401**
		Dilution Factor: 1		Analysis Time..: 14:00		
Total Dissolved Solids	**1640**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/19/06**	**6139259**
		Dilution Factor: 1		Analysis Time..: 00:00		

ConocoPhillips Company

Client Sample ID: DUP-2

GC/MS Volatiles

Lot-Sample #...: I6E130127-007 **Work Order #...:** H5CWA1AD **Matrix.....:** WATER
Date Sampled...: 05/12/06 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 12:00
Dilution Factor: 100

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**8900**	**100**	**ug/L**
Ethylbenzene	**230**	**100**	**ug/L**
Toluene	**210**	**100**	**ug/L**
Xylenes (total)	ND	300	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(67 - 130)
Toluene-d8	99	(83 - 115)
4-Bromofluorobenzene	95	(79 - 119)
Dibromofluoromethane	108	(88 - 119)

ConocoPhillips Company

Client Sample ID: DUP-2

GC/MS Semivolatiles

Lot-Sample #...: I6E130127-007 **Work Order #...:** H5CWA1AN **Matrix.....:** WATER
Date Sampled...: 05/12/06 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 20:43
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	96	(28 - 120)
2-Fluorobiphenyl	94	(23 - 119)
Terphenyl-d14	94	(10 - 123)
2-Fluorophenol	89	(22 - 121)
Phenol-d5	92	(34 - 117)
2,4,6-Tribromophenol	102	(33 - 124)

ConocoPhillips Company

Client Sample ID: DUP-2

TOTAL Metals

Lot-Sample #...: I6E130127-007 **Matrix.....:** WATER
Date Sampled...: 05/12/06 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 6138481						
Calcium	**144**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CWA1AJ**
		Dilution Factor: 1		Analysis Time..: 19:21		
Magnesium	**63.0**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CWA1AK**
		Dilution Factor: 1		Analysis Time..: 19:21		
Potassium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5CWA1AL
		Dilution Factor: 1		Analysis Time..: 19:21		
Sodium	**84.0**	**5.0**	**mg/L**	**SW846 6010B**	**05/18-05/22/06**	**H5CWA1AM**
		Dilution Factor: 1		Analysis Time..: 19:21		

ConocoPhillips Company

Client Sample ID: DUP-2

General Chemistry

Lot-Sample #...: I6E130127-007 **Work Order #...:** H5CWA **Matrix.....:** WATER
Date Sampled...: 05/12/06 **Date Received..:** 05/13/06 08:40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**225**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/17/06**	**6137446**
		Dilution Factor: 1		Analysis Time..: 14:00		
Carbonate Alkalinity	ND	5.0	mg/L	MCAWW 310.1	05/17/06	6137445
		Dilution Factor: 1		Analysis Time..: 14:00		
Chloride	**390**	**50.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144083**
		Dilution Factor: 50		Analysis Time..: 14:28		
Sulfate	**24.1**	**10.0**	**mg/L**	**MCAWW 300.0A**	**05/23/06**	**6144085**
		Dilution Factor: 10		Analysis Time..: 19:30		
Total Alkalinity	**234**	**5.0**	**mg/L**	**MCAWW 310.1**	**05/23/06**	**6143401**
		Dilution Factor: 1		Analysis Time..: 14:00		
Total Dissolved Solids	**1270**	**40.0**	**mg/L**	**MCAWW 160.1**	**05/19/06**	**6139259**
		Dilution Factor: 1		Analysis Time..: 00:00		

ConocoPhillips Company

Client Sample ID: TRIP BLANK#2

GC/MS Volatiles

Lot-Sample #...: I6E130127-008 **Work Order #...:** H5CWC1AA **Matrix.....:** WATER
Date Sampled...: 05/12/06 **Date Received..:** 05/13/06 08:40
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 17:57
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	98	(83 - 115)
4-Bromofluorobenzene	94	(79 - 119)
Dibromofluoromethane	110	(88 - 119)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: I6E130127 **Work Order #...:** H5H4R1AD **Matrix.....:** WATER
MB Lot-Sample #: I6E170000-039

Prep Date.....: 05/16/06 **Analysis Time..:** 11:09
Analysis Date..: 05/16/06 **Prep Batch #...:** 6137039
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	94	(67 - 130)
Toluene-d8	98	(83 - 115)
4-Bromofluorobenzene	92	(79 - 119)
Dibromofluoromethane	106	(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 #...: I6E130127 **Work Order #...:** H5JCL1AA **Matrix.....:** WATER
MB Lot-Sample #: I6E170000-171

Prep Date.....: 05/16/06 **Analysis Time..:** 10:45
Analysis Date..: 05/19/06 **Prep Batch #...:** 6137171
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
[illegible]thalene	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	79	(28 - 120)
2-Fluorobiphenyl	78	(23 - 119)
Terphenyl-d14	89	(10 - 123)
2-Fluorophenol	82	(22 - 121)
Phenol-d5	78	(34 - 117)
2,4,6-Tribromophenol	87	(33 - 124)

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: I6E130127 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: I6E180000-481 **Prep Batch #...:** 6138481						
Calcium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AU
		Dilution Factor: 1				
		Analysis Time..: 11:27				
Magnesium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AV
		Dilution Factor: 1				
		Analysis Time..: 11:27				
Potassium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AW
		Dilution Factor: 1				
		Analysis Time..: 11:27				
Sodium	ND	5.0	mg/L	SW846 6010B	05/18-05/22/06	H5PEW1AX
		Dilution Factor: 1				
		Analysis Time..: 17:34				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: I6E130127 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: H52K91AA		MB Lot-Sample #:	I6E240000-083	
	ND	1.0	mg/L	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 1				
		Analysis Time..: 08:07				
Chloride		Work Order #: H55K41AA		MB Lot-Sample #:	I6E250000-071	
	ND	1.0	mg/L	MCAWW 300.0A	05/24/06	6145071
		Dilution Factor: 1				
		Analysis Time..: 08:15				
Sulfate		Work Order #: H52LA1AA		MB Lot-Sample #:	I6E240000-085	
	ND	1.0	mg/L	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 1				
		Analysis Time..: 08:07				
Sulfate		Work Order #: H55K11AA		MB Lot-Sample #:	I6E250000-067	
	ND	1.0	mg/L	MCAWW 300.0A	05/24/06	6145067
		Dilution Factor: 1				
		Analysis Time..: 08:15				
Total Alkalinity		Work Order #: H5XGE1AA		MB Lot-Sample #:	I6E220000-348	
	ND	5.0	mg/L	MCAWW 310.1	05/22/06	6142348
		Dilution Factor: 1				
		Analysis Time..: 13:00				
Total Alkalinity		Work Order #: H51AE1AA		MB Lot-Sample #:	I6E230000-401	
	ND	5.0	mg/L	MCAWW 310.1	05/23/06	6143401
		Dilution Factor: 1				
		Analysis Time..: 14:00				
Total Dissolved Solids		Work Order #: H5FFT1AA		MB Lot-Sample #:	I6E150000-613	
	ND	40.0	mg/L	MCAWW 160.1	05/15/06	6135613
		Dilution Factor: 1				
		Analysis Time..: 18:00				
Total Dissolved Solids		Work Order #: H5FFV1AA		MB Lot-Sample #:	I6E150000-614	
	ND	40.0	mg/L	MCAWW 160.1	05/15/06	6135614.
		Dilution Factor: 1				
		Analysis Time..: 18:00				
Total Dissolved Solids		Work Order #: H5RF61AA		MB Lot-Sample #:	I6E190000-259	
	ND	40.0	mg/L	MCAWW 160.1	05/19/06	6139259
		Dilution Factor: 1				
		Analysis Time..: 00:00				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: I6E130127 **Matrix.....:** WATER

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 #...: I6E130127 **Work Order #...:** H5H4R1AA-LCS **Matrix.....:** WATER
LCS Lot-Sample#: I6E170000-039 H5H4R1AC-LCSD
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 07:41
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	91	(70 - 118)			SW846 8260B
	101	(70 - 118)	9.9	(0-20)	SW846 8260B
Ethylbenzene	100	(72 - 121)			SW846 8260B
	107	(72 - 121)	6.9	(0-20)	SW846 8260B
Toluene	96	(76 - 120)			SW846 8260B
	103	(76 - 120)	6.7	(0-20)	SW846 8260B
Xylenes (total)	101	(72 - 121)			SW846 8260B
	107	(72 - 121)	6.6	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(75 - 115)
	96	(75 - 115)
Toluene-d8	99	(90 - 114)
	99	(90 - 114)
4-Bromofluorobenzene	94	(86 - 117)
	91	(86 - 117)
Dibromofluoromethane	105	(81 - 110)
	106	(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 #...: I6E130127 **Work Order #...:** H5JCL1AC **Matrix.....:** WATER
LCS Lot-Sample#: I6E170000-171
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 11:15
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	105 a	(60 - 102)	SW846 8270C
Acenaphthylene	105 a	(59 - 100)	SW846 8270C
Anthracene	95	(60 - 102)	SW846 8270C
Benzo(a)anthracene	95	(58 - 102)	SW846 8270C
Benzo(a)pyrene	100	(57 - 103)	SW846 8270C
Benzo(b)fluoranthene	102 a	(55 - 99)	SW846 8270C
Benzo(ghi)perylene	95	(52 - 112)	SW846 8270C
Benzo(k)fluoranthene	96	(56 - 112)	SW846 8270C
Chrysene	94	(59 - 105)	SW846 8270C
Dibenz(a,h)anthracene	92	(56 - 110)	SW846 8270C
Fluoranthene	100	(58 - 106)	SW846 8270C
Fluorene	100	(61 - 104)	SW846 8270C
Indeno(1,2,3-cd)pyrene	95	(57 - 110)	SW846 8270C
Naphthalene	99	(58 - 101)	SW846 8270C
Phenanthrene	100	(59 - 108)	SW846 8270C
Pyrene	101	(62 - 104)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	98	(28 - 120)
2-Fluorobiphenyl	99	(23 - 119)
Terphenyl-d14	93	(10 - 123)
2-Fluorophenol	98	(22 - 121)
Phenol-d5	98	(34 - 117)
2,4,6-Tribromophenol	98	(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.*

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: I6E130127 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: I6E180000-481 **Prep Batch #...:** 6138481					
Calcium	99	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A2
		Dilution Factor: 1		Analysis Time..: 11:33	
Magnesium	98	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A3
		Dilution Factor: 1		Analysis Time..: 11:33	
Potassium	100	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A4
		Dilution Factor: 1		Analysis Time..: 11:33	
Sodium	95	(80 - 120)	SW846 6010B	05/18-05/22/06	H5PEW1A5
		Dilution Factor: 1		Analysis Time..: 17:40	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: I6E130127 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity		WO#:H5XGE1AC-LCS/H5XGE1AD-LCSD				LCS Lot-Sample#: I6E220000-348	
	103	(80 - 120)			MCAWW 310.1	05/22/06	6142348
	101	(80 - 120)	1.6	(0-20)	MCAWW 310.1	05/22/06	6142348
		Dilution Factor: 1			Analysis Time..: 13:00		
Total Alkalinity		WO#:H51AE1AC-LCS/H51AE1AD-LCSD				LCS Lot-Sample#: I6E230000-401	
	101	(80 - 120)			MCAWW 310.1	05/23/06	6143401
	101	(80 - 120)	0.31	(0-20)	MCAWW 310.1	05/23/06	6143401
		Dilution Factor: 1			Analysis Time..: 14:00		

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		Work Order #: H52K91AC	LCS Lot-Sample#: I6E240000-083		
	100	(90 - 110)	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 1	Analysis Time..: 08:22		
Chloride		Work Order #: H55K41AC	LCS Lot-Sample#: I6E250000-071		
	100	(90 - 110)	MCAWW 300.0A	05/24/06	6145071
		Dilution Factor: 1	Analysis Time..: 08:29		
Sulfate		Work Order #: H52LA1AC	LCS Lot-Sample#: I6E240000-085		
	103	(90 - 110)	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 1	Analysis Time..: 08:22		
Sulfate		Work Order #: H55K11AC	LCS Lot-Sample#: I6E250000-067		
	102	(90 - 110)	MCAWW 300.0A	05/24/06	6145067
		Dilution Factor: 1	Analysis Time..: 08:29		
Total Dissolved Solids		Work Order #: H5FFT1AC	LCS Lot-Sample#: I6E150000-613		
	101	(87 - 113)	MCAWW 160.1	05/15/06	6135613
		Dilution Factor: 1	Analysis Time..: 18:02		
Total Dissolved Solids		Work Order #: H5FFV1AC	LCS Lot-Sample#: I6E150000-614		
	100	(87 - 113)	MCAWW 160.1	05/15/06	6135614
		Dilution Factor: 1	Analysis Time..: 18:02		
Total Dissolved Solids		Work Order #: H5RF61AC	LCS Lot-Sample#: I6E190000-259		
	102	(87 - 113)	MCAWW 160.1	05/19/06	6139259
		Dilution Factor: 1	Analysis Time..: 00:00		

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 #...: I6E130127 **Work Order #...:** H44WN1AQ-MS **Matrix.....:** WATER
MS Lot-Sample #: I6E100286-033 H44WN1AR-MSD
Date Sampled...: 05/08/06 16:21 **Date Received..:** 05/10/06 10:10
Prep Date.....: 05/16/06 **Analysis Date..:** 05/16/06
Prep Batch #...: 6137039 **Analysis Time..:** 09:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	109	(70 - 118)			SW846 8260B
	101	(70 - 118)	3.6	(0-20)	SW846 8260B
Ethylbenzene	114	(72 - 121)			SW846 8260B
	116	(72 - 121)	1.6	(0-20)	SW846 8260B
Toluene	110	(76 - 120)			SW846 8260B
	110	(76 - 120)	0.0	(0-20)	SW846 8260B
Xylenes (total)	113	(72 - 121)			SW846 8260B
	115	(72 - 121)	1.6	(0-20)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(67 - 130)
	97	(67 - 130)
Toluene-d8	100	(83 - 115)
	99	(83 - 115)
4-Bromofluorobenzene	96	(79 - 119)
	94	(79 - 119)
Dibromofluoromethane	107	(88 - 119)
	106	(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 #...: I6E130127 **Work Order #...:** H49CC1AP-MS **Matrix.....:** WATER
MS Lot-Sample #: I6E120144-008 H49CC1AQ-MSD
Date Sampled...: 05/11/06 09:55 **Date Received..:** 05/12/06 08:50
Prep Date.....: 05/16/06 **Analysis Date..:** 05/19/06
Prep Batch #...: 6137171 **Analysis Time..:** 12:14
Dilution Factor: 0.98

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	107 a	(60 - 102)			SW846 8270C
	97	(60 - 102)	11	(0-20)	SW846 8270C
Acenaphthylene	107 a	(59 - 100)			SW846 8270C
	97	(59 - 100)	11	(0-20)	SW846 8270C
Anthracene	96	(60 - 102)			SW846 8270C
	88	(60 - 102)	9.5	(0-20)	SW846 8270C
Benzo(a)anthracene	97	(58 - 102)			SW846 8270C
	90	(58 - 102)	8.0	(0-20)	SW846 8270C
Benzo(a)pyrene	102	(57 - 103)			SW846 8270C
	93	(57 - 103)	9.5	(0-20)	SW846 8270C
Benzo(b)fluoranthene	101 a	(55 - 99)			SW846 8270C
	86	(55 - 99)	17	(0-20)	SW846 8270C
[illegible]o(ghi)perylene	97	(52 - 112)			SW846 8270C
	90	(52 - 112)	8.1	(0-20)	SW846 8270C
Benzo(k)fluoranthene	101	(56 - 112)			SW846 8270C
	102	(56 - 112)	0.15	(0-20)	SW846 8270C
Chrysene	94	(59 - 105)			SW846 8270C
	88	(59 - 105)	8.0	(0-20)	SW846 8270C
Dibenz(a,h)anthracene	95	(56 - 110)			SW846 8270C
	89	(56 - 110)	7.4	(0-20)	SW846 8270C
Fluoranthene	102	(58 - 106)			SW846 8270C
	95	(58 - 106)	8.1	(0-20)	SW846 8270C
Fluorene	102	(61 - 104)			SW846 8270C
	92	(61 - 104)	11	(0-20)	SW846 8270C
Indeno(1,2,3-cd)pyrene	97	(57 - 110)			SW846 8270C
	90	(57 - 110)	8.7	(0-20)	SW846 8270C
Naphthalene	102 a	(58 - 101)			SW846 8270C
	92	(58 - 101)	11	(0-20)	SW846 8270C
Phenanthrene	102	(59 - 108)			SW846 8270C
	94	(59 - 108)	8.7	(0-20)	SW846 8270C
Pyrene	101	(62 - 104)			SW846 8270C
	94	(62 - 104)	8.8	(0-20)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	100	(28 - 120)
	93	(28 - 120)
2[illegible]uorobiphenyl	105	(23 - 119)
	98	(23 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: I6E130127 **Work Order #...:** H49CC1AP-MS **Matrix.....:** WATER
MS Lot-Sample #: I6E120144-008 H49CC1AQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	93	(10 - 123)
	89	(10 - 123)
2-Fluorophenol	100	(22 - 121)
	92	(22 - 121)
Phenol-d5	99	(34 - 117)
	93	(34 - 117)
2,4,6-Tribromophenol	99	(33 - 124)
	93	(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 #...: I6E130127 **Matrix.....:** WATER
Date Sampled...: 05/16/06 09:49 **Date Received..:** 05/16/06 10:45

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: I6E160150-002 **Prep Batch #...:** 6138481							
Calcium	102	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CC
	103	(75 - 125)	0.82	(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CD
		Dilution Factor: 1					
		Analysis Time..: 13:57					
Magnesium	100	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CF
	100	(75 - 125)	0.42	(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CG
		Dilution Factor: 1					
		Analysis Time..: 13:57					
Potassium	114	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CJ
	108	(75 - 125)	2.0	(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CK
		Dilution Factor: 1					
		Analysis Time..: 13:57					
Sodium	NC	(75 - 125)			SW846 6010B	05/18-05/22/06	H5F4A1CM
	NC	(75 - 125)		(0-20)	SW846 6010B	05/18-05/22/06	H5F4A1CN
		Dilution Factor: 1					
		Analysis Time..: 13:57					

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Matrix.....:** WATER
Date Sampled...: 05/07/06 10:09 **Date Received..:** 05/10/06 10:10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Chloride		WO#: H44NF1AL-MS/H44NF1AM-MSD				MS Lot-Sample #:	I6E100267-017
	92	(90 - 110)			MCAWW 300.0A	05/24/06	6145071
	105	(90 - 110)	10	(0-20)	MCAWW 300.0A	05/24/06	6145071
		Dilution Factor: 100					
		Analysis Time..: 17:30					
Chloride		WO#: H48841AP-MS/H48841AQ-MSD				MS Lot-Sample #:	I6E120144-001
	124 N	(90 - 110)			MCAWW 300.0A	05/23/06	6144083
	133 N	(90 - 110)	4.7	(0-20)	MCAWW 300.0A	05/23/06	6144083
		Dilution Factor: 100					
		Analysis Time..: 08:52					
Chloride		WO#: H5D2Q1AR-MS/H5D2Q1AT-MSD				MS Lot-Sample #:	I6E150111-001
	93	(90 - 110)			MCAWW 300.0A	05/24/06	6145071
	96	(90 - 110)	1.1	(0-20)	MCAWW 300.0A	05/24/06	6145071
		Dilution Factor: 20					
		Analysis Time..: 09:59					
Sulfate		WO#: H48841AR-MS/H48841AT-MSD				MS Lot-Sample #:	I6E120144-001
	88 N	(90 - 110)			MCAWW 300.0A	05/23/06	6144085
	91	(90 - 110)	2.4	(0-20)	MCAWW 300.0A	05/23/06	6144085
		Dilution Factor: 1					
		Analysis Time..: 14:58					
Sulfate		WO#: H5D2Q1AP-MS/H5D2Q1AQ-MSD				MS Lot-Sample #:	I6E150111-001
	88 N	(90 - 110)			MCAWW 300.0A	05/24/06	6145067
	92	(90 - 110)	3.0	(0-20)	MCAWW 300.0A	05/24/06	6145067
		Dilution Factor: 20					
		Analysis Time..: 09:59					

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 #...: I6E130127 **Work Order #...:** H4524-SMP H4524-DUP **Matrix.....:** WATER

Date Sampled...: 05/10/06 10:58 **Date Received..:** 05/11/06 08:00

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: I6E110138-015		
	1320	1310	mg/L	0.76	(0-20)	MCAWW 160.1	05/15/06	6135613

Dilution Factor: 1 Analysis Time..: 18:38

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H4XC8-SMP H4XC8-DUP **Matrix.....:** WATER

Date Sampled...: 05/04/06 13:00 **Date Received..:** 05/06/06 08:40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E080125-001		
	506	508	mg/L	0.44	(0-20)	MCAWW 310.1	05/16/06	6137148
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E080125-001		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/16/06	6137120
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H49A4-SMP H49A4-DUP **Matrix.....:** WATER

Date Sampled...: 05/10/06 10:25 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E120144-006		
	195	203	mg/L	4.1	(0-20)	MCAWW 310.1	05/16/06	6137148
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E120144-006		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/16/06	6137120
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H49CJ-SMP H49CJ-DUP **Matrix.....:** WATER

Date Sampled...: 05/10/06 11:15 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E120144-009		
	195	200	mg/L	2.6	(0-20)	MCAWW 310.1	05/17/06	6137446
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E120144-009		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/17/06	6137445
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H5CWA-SMP H5CWA-DUP **Matrix.....:** WATER

Date Sampled...: 05/12/06 **Date Received..:** 05/13/06 08:40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #: I6E130127-007		
	225	231	mg/L	2.5	(0-20)	MCAWW 310.1	05/17/06	6137446
			Dilution Factor: 1			Analysis Time..: 14:00		
Carbonate Alkalinity						SD Lot-Sample #: I6E130127-007		
	ND	ND	mg/L	0	(0-20)	MCAWW 310.1	05/17/06	6137445
			Dilution Factor: 1			Analysis Time..: 14:00		
Total Alkalinity						SD Lot-Sample #: I6E130127-007		
	234	234	mg/L	0.12	(0-20)	MCAWW 310.1	05/23/06	6143401
			Dilution Factor: 1			Analysis Time..: 14:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H5CV5-SMP H5CV5-DUP **Matrix.....:** WATER

Date Sampled...: 05/12/06 08:05 **Date Received..:** 05/13/06 08:40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	I6E130127-002	
	2690	2760	mg/L	2.6	(0-20)	MCAWW 160.1	05/19/06	6139259
			Dilution Factor: 1			Analysis Time..: 00:00		

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H425M-SMP H425M-DUP **Matrix.....:** WATER

Date Sampled...: 05/09/06 09:04 **Date Received..:** 05/10/06 08:40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #: I6E100115-001		
	172	173	mg/L	0.72	(0-20)	MCAWW 310.1	05/22/06	6142348

Dilution Factor: 1 Analysis Time..: 13:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H49CK-SMP H49CK-DUP **Matrix.....:** WATER

Date Sampled...: 05/09/06 11:10 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #:	I6E120144-010	
	293	286	mg/L	2.2	(0-20)	MCAWW 310.1	05/22/06	6142348

Dilution Factor: 1 Analysis Time..: 13:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: I6E130127 **Work Order #...:** H4874-SMP H4874-DUP **Matrix.....:** WATER

Date Sampled...: 05/10/06 13:45 **Date Received..:** 05/12/06 08:50

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Alkalinity						SD Lot-Sample #: I6E120139-001		
	342	344	mg/L	0.71	(0-20)	MCAWW 310.1	05/23-05/24/06	6143401
			Dilution Factor: 1			Analysis Time..: 14:00		
Total Dissolved Solids						SD Lot-Sample #: I6E120139-001		
	1160	1160	mg/L	0.0	(0-20)	MCAWW 160.1	05/15/06	6135614
			Dilution Factor: 1			Analysis Time..: 18:04		

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.
EPA 8151A: Laboratory utilizes alternate extraction solvent.
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 SQL (sample quantitation limit).

SEVERN TRENT STL

CHAIN-OF-CUSTODY ADDENDUM

Lot No: IGE130127

RECEIVED BY: CA

COC NUMBER: _____

DATE/TIME RECEIVED: 5/13/16 0840

QUOTE/PROFILE: 42065

UNPACKED DATE/TIME: 5/13/16 1000

CLIENT/PROJECT: Marvin

SAMPLES LOGGED IN: CA

LOG-IN REVIEWED: BJ

Number of Shipping Containers Received with Chain of Custody 3

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

1.0 CONTAINERS EXAMINED UPON RECEIPT: CA

Container Sealed: ☑ YES ☐ NO

Custody Seal Signed/Dated: ☑ YES ☐ NO

Custody Seal Present: ☑ YES ☐ NO

Containers checked for radioactivity: ☐ YES ☐ NO ☑ N/A

If seal not intact or Geiger counter reading >0.5 mR/hr, 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: CA **IR THERMOMETER #:** R-4

Temperature of the container(s):

Circle selection: TB = Temp. Blank and/or SC = Sample Container *[acceptable tolerance 4.0°C ± 2.0°; (NC, WI: 1-4.4°C)]*

TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
SC 3.1	SC 3.0	SC 3.4	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 **VERIFIED BY:** CA

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

) CONDITION OF BOTTLES/CONTAINERS — VERIFIED BY: [illegible]

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

0 ADDITIONAL DISCREPANCIES

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

.0 SHIPPING DOCUMENTATION:

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

land-delivered Carrier: _____ Date: _____ Time: _____

.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: _____

Samp[illegible]) on hold until: _____ If released, notify: _____

REVIEW:

Project Management: [signature] Date: 5-15-06

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

[redacted]

Chain of Custody Record

CHAIN OF CUSTODY NUMBER

S@012512-004

1 460150127

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

013828

STL4149 (1202)

Client	Project Manager	Date	Page 4 of 5
Maxim Technologies	Greg Pope	05/01/2006	
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			
Contract/Purchase Order/Quote Number			
CONTRACT / PURCHASE ORDER # : 6519MAX003		QUOTE: 42065	

Analysis

Sample I.D. Number and Description	Date	Time	Sample Type	Containers Volume	Containers Type	Containers No.	Preservative	Condition on Receipt/Comments	MS8260L	MT6010L	ALK-HCO3	ALK-CO3	ALK-T	IC-CL	ICSO4-L	TDS	MS8270CL
MW-16	05/09/06	13:30	WATER	1L	AMBER	2	None	3.1 Vct 5/13/06 0900									X
MW-16	05/09/06	13:30	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-16	05/09/06	13:30	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-16	05/09/06	13:30	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-17	05/12/06	08:05	WATER	1L	AMBER	2	None										X
MW-17	05/12/06	08:05	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-17	05/12/06	08:05	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-17	05/12/06	08:05	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-18	05/10/06	14:05	WATER	1L	AMBER	2	None										X
MW-18	05/10/06	14:05	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-18	05/10/06	14:05	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-18	05/10/06	14:05	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW-19	05/10/06	09:40	WATER	1L	AMBER	2	None										X
MW-19	05/10/06	09:40	WATER	40mL	VIAL	4	1:1 HCL		X								
MW-19	05/10/06	09:40	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW-19	05/10/06	09:40	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)	05/12/06	10:45	(signature)	5/13/06	0840
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 NUMB $0012512-005

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

013829

STL4149 (1202)

Client	Project Manager	Date
Maxim Technologies	Greg Pope	05/01/2006
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		

Contract/Purchase Order/Quote Number

CONTRACT / PURCHASE ORDER # : 6519MAX003 QUOTE: 42065

Page 5 of 5

Sample I.D. Number and Description	Date	Time	Sample Type	Containers: Volume	Containers: Type	Containers: No.	Preservative	Condition on Receipt/Comments	Analysis: MS 8260	MS TL 6K	ALL HCl	ALL HCl	ALL HCl	ICC TCL	ICC SS	TDS	MS 8260
~~MW-20~~ MW-6	05/12/06	08:25	WATER	1L	AMBER	2	None	3.0 5/13/06									X
~~MW-20~~ MW-6	05/12/06	08:25	WATER	40mL	VIAL	4	1:1 HCL		X								
~~MW-20~~ MW-6	05/12/06	08:25	WATER	250mL	PLASTIC	1	Conc HNO3			X							
~~MW-20~~ MW-6	05/12/06	08:25	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
MW	05/12/06	0855	WATER	1L	AMBER	2	None										X
MW	05/12/06	0855	WATER	40mL	VIAL	4	1:1 HCL		X								
MW	05/12/06	0855	WATER	250mL	PLASTIC	1	Conc HNO3			X							
MW	05/12/06	0855	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
DUP-2	05/12/06	—	WATER	1L	AMBER	2	None										X
DUP-2	05/12/06	—	WATER	40mL	VIAL	4	1:1 HCL		X								
DUP-2	05/12/06	—	WATER	250mL	PLASTIC	1	Conc HNO3			X							
DUP-2	05/12/06	—	WATER	500mL	PLASTIC	1	None				X	X	X	X	X	X	
TRIP BLANK #2				40mL	VIAL	2			X								
								No more samples to be collected for this event.									

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	05/12/06	10:45	1. Received By	5/13/06	0840
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

89/89