AP-015

Annual GW monitoring report

DATE: 2009

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ConocoPhillips

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June 10, 2009

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

RE: ANNUAL MONITORING, OPERATION AND MAINTENANCE REPORT
MARCH 2008 THROUGH FEBRUARY 2009
ConocoPhillips East Hobbs Junction (AP-15)
Hobbs, Lea County, New Mexico

Dear Mr. VonGonten:

Pursuant to operations and monitoring requirements for the East Hobbs Junction remediation site, please find one copy of the above referenced report for your review and concurrence. This report presents an annual summary of all site activities performed from March 2008 through February 2009 relating to the operation, maintenance and monitoring of the remediation system, quarterly groundwater monitoring, and sampling and analyses.

If you have any questions or comments, please contact me at the above listed number or Greg W. Pope with Tetra Tech at (432) 682-4559.

Sincerely,

Tom Wynn
Site Manager
Risk Management and Remediation
ConocoPhillips

cc: w/ attachment

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

ANNUAL MONITORING, OPERATION AND MAINTENANCE REPORT

MARCH 2008 THROUGH FEBRUARY 2009

CONOCOPHILLIPS
EAST HOBBS JUNCTION (AP-15)

HOBBS, LEA COUNTY, NEW MEXICO

Prepared for:

ConocoPhillips

Prepared By:

TETRA TECH, INC.

1910 N. Big Spring Street
Midland, Texas 79705

June 10, 2009

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Mr. Glenn VonGonten
Oil Conservation Division
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1220 South St. Francis Dr.
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RE: ANNUAL MONITORING, OPERATION AND MAINTENANCE REPORT MARCH 2008 THROUGH FEBRUARY 2009
ConocoPhillips East Hobbs Junction (AP-15)
Hobbs, Lea County, New Mexico

INTRODUCTION

On behalf of ConocoPhillips, formerly Phillips Pipe Line Company, Tetra Tech (formerly Maxim Technologies; Maxim) is submitting the following annual status report for the East Hobbs Junction remediation site (Site). The Site is located in Lea County, New Mexico (Sec 8, T19S, R38E; Figure 1), approximately one mile south of the city of Hobbs. The work described in this report was performed in accordance with the Stage 2 Ground Water Abatement Plan (AP-15) issued for the Site and approved by the New Mexico Oil Conservation Division (NMOCD). A request for extension of the submittal date for this report to April 17, 2009 was submitted to the NMOCD and approved via electronic mail on April 3, 2009; however, additional time was required to complete this report. This report is a summary of the following activities performed from March 2008 through February 2009:

- Groundwater Monitoring and Sampling
- Free Petroleum Hydrocarbon Gauging, Recovery and Disposal
- Remediation System Operation and Maintenance

During this time period, no new groundwater monitoring wells or remediation wells were installed at the Site. Volatile organic compound (VOC) removal rates by the soil vapor extraction (SVE) system have decreased over time to an ineffective level for remediation of the crude oil plume. On August 5, 2008, the SVE and air sparging systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone and encourage biodegradation. After initial startup procedures and timer calibration were completed, continuous operation of the bioventing system began on August 20, 2008.

This report also presents four quarters of groundwater monitoring data collected in April, July and October 2008, and January 2009.

BACKGROUND

Project activities commenced at the Site in January of 2000, following the discovery of a release of crude oil from a gathering line at the East Hobbs Junction. Assessment and remediation activities have been conducted at the Site to define and address the crude oil impacts including the installation of a comprehensive soil and groundwater remediation system. The remediation system installation consisted of a SVE system, an air sparging system, and expanding the existing crude oil recovery system. Figure 1 illustrates the locations of the existing pipeline corridors, the Site monitoring and remediation wells, and the remediation system buildings and oil storage tank.

Higgins and Associates, L.L.C. (H&A) of Centennial, Colorado performed the installation of the remediation system, initial startup procedures, system operation and maintenance, and required Site monitoring activities until September 2003. On September 24, 2003, Maxim (presently Tetra Tech) assumed operation and maintenance of the system, and continued the required Site monitoring activities.

HEALTH AND SAFETY

Tetra Tech required safety and health procedures that were appropriate for the level of environmental hazard known to exist at the Site. Procedures used complied with ConocoPhillips' "Contractors Health and Safety Standard" (revised 2009). Modified Level D Personal Protective Equipment (PPE) was adequate for the Site activities. Personnel were equipped with respirators and organic vapor cartridges in the event of a sudden release of noxious fumes from the Site. Prior to commencement of work, a Site Specific Health and Safety Plan (HASP) was prepared by Tetra Tech. The HASP was reviewed and signed by all personnel working at the Site. Safety procedures were reviewed during tailgate safety meetings conducted prior to the start of work each day.

GROUNDWATER MONITORING AND SAMPLING

Quarterly groundwater monitoring and sampling activities were conducted at the Site on April 23-24, July 23-25, and October 21-22, 2008, and January 20-21, 2009. Accessible monitoring, recovery and remediation wells were measured for groundwater elevations prior to the sampling events. Wells containing free petroleum hydrocarbons were not sampled. On April 23 and 24, 2008, wells MW-3 through 6, MW-9, MW-11 through 27, and SVE-10 were sampled. On July 23-25 and October 21-22, 2008, wells MW-3 through 6, MW-11 through 27, and SVE-10 were sampled. On January 20-21, 2009, wells MW-4 through 6, MW-11 through 16, MW-18 through 27, and SVE-10 were sampled. Well MW-17 did not contain an adequate amount of groundwater in it to sample during the January 2009 event. 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 total petroleum hydrocarbons-diesel range organics (TPH-DRO) and total petroleum hydrocarbons-gasoline range organics (TPH-GRO) by Method 8015B modified, benzene, toluene, ethylbenzene and total xylenes (BTEX) by Method 8021B, and chloride by Method 300.0A. Groundwater samples collected during the October 2008 event were not analyzed for TPH-GRO due to laboratory and/or field sampling error.

Groundwater elevation measurements are summarized in Table 1. Potentiometric surface maps for each of the four sampling events are included as Figures 2a, 2b, 2c and 2d. Groundwater flow direction is variable across the Site, and depending on location, can be to the west, southwest, south, or southeast. The overall groundwater flow direction was calculated and shows to be southwest at an average gradient ranging from 0.0016 feet per foot (ft/ft) in October 2008 to 0.0019 ft/ft in January 2009. Groundwater levels at the Site generally peaked in 2006, as shown on the hydrographs included in Appendix A, and have shown a decreasing trend overall since.

Groundwater analytical results for the April, July, and October 2008, and January 2009 sampling events are presented in Tables 2a, 2b, and 2c, and graphically displayed on Figures 3a, 3b, 3c and 3d. The laboratory analytical data is included in Appendix B. Analytical results from the groundwater monitoring events show that the lateral extent of the dissolved-phase plume remains defined in all directions. Minor detections were noted in a few of the perimeter wells, with TPH-DRO occasionally being reported at very low concentrations.

In the interior wells, the highest concentrations of benzene, toluene, TPH-GRO and TPH-DRO were reported during the April 2008 sampling event. Well MW-9 reported 21,000 micrograms per liter (µg/L) of benzene during this event. This well was not sampled during the three subsequent sampling events due to the presence of measurable liquid phase hydrocarbons (LPH). Well MW-6 reported 1,500 µg/L of toluene during April 2008. Well MW-3 reported 120 milligrams per liter (mg/L) of TPH-GRO during April 2008. This well was not sampled during the January 2009 sampling event due to the presence of measurable LPH. At well MW-15, 11,000 mg/L of TPH-DRO was reported during April 2008, but this concentration decreased to 0.37 mg/L during the next sampling event in July 2008. The highest concentrations of ethylbenzene and total xylenes were reported in MW-11 during the October 2008 sampling event, at 1,000 and 2,700 µg/L, respectively (Table 2a).

FREE PETROLEUM HYDROCARBON GAUGING

Free-phase petroleum hydrocarbons were measured in selected wells during each of the four monitoring events. Isopleth maps depicting LPH thickness for April, July and October 2008, and January 2009 are included as Figures 4a, 4b, 4c and 4d, respectively, and LPH measurements are summarized in Table 1.

The reduced LPH thickness measurements still indicate the continued effect of the heightened groundwater table rising above the established hydrocarbon smear zone, with a majority of the recovery wells showing none to very thin measurable LPH. While groundwater levels at the Site have shown a continual decrease over time, they still remain above the maximum low stand in 2004, when LPH was last measured at recoverable thicknesses. Similar response was seen during the previous annual sampling[1] and is expected to continue to occur while the groundwater table continues to stabilize and the LPH plume reestablishes itself. Depiction of these responses to LPH plume thickness vs. groundwater level is shown on the hydrographs in Appendix A.

[1] Tetra Tech, Inc., 2008. Annual Monitoring, Operation and Maintenance Report: March 2007 through February 2008, ConocoPhillips East Hobbs Junction, Hobbs, Lea County, New Mexico.

FREE PETROLEUM HYDROCARBON RECOVERY

The pneumatic oil recovery system consists of Durham Geo F.A.P. Plus pumps installed in recovery wells MW-2, MW-3, MW-6, MW-7, and MW-9 through 11. A skimmer pump was additionally installed in MW-8 on June 1, 2006. The skimmer pumps remove crude oil from the wells through petroleum rated hoses contained in PVC piping to a bermed 140-barrel aboveground storage tank (AST) located adjacent to the remediation system buildings (Figure 1). Due to the reduced LPH plume thickness described above, no crude oil recovery was performed at the Site during March 2008 through February 2009, and most of the skimmer pumps have been removed from the wells to facilitate groundwater and LPH measurement access. From initial abatement activities and previous oil removal activities, approximately 398 barrels of crude oil have been recovered through February 2009.

During the June 2005 meeting with the NMOCD in Santa Fe, a rule of thumb was established that assumed 0.5 feet of crude oil thickness would be used as criteria for returning a recovery well to operation. During the time frame of this report, no recovery wells have met these criteria. Also, no disposal activities were performed at the Site during March 2008 through February 2009.

SOIL VAPOR EXTRACTION AND AIR SPARGING SYSTEMS MONITORING

The SVE system has been operational since October 17, 2002. For air quality permit compliance, the on-site SVE system has been periodically monitored for effluent temperature, flow rate and VOC concentrations since startup. A photoionization detector (PID) is used in the field to measure VOCs as organic vapor in air in parts per million (ppm) at the blower exhaust stack. Effluent flow rates and PID readings have ranged from 849 to 875 cubic feet per minute, and from 0.0 to 663 ppm since startup. A summary of SVE emissions data is presented in Table 3, and graphical representation of the VOC measurements and emissions data are presented on Figure 5. As presented in Table 3, VOCs have shown a consistent declining trend, with concentrations dropping below 100 ppm in November 2004, and below 30 ppm in March 2005. Further decline in VOC concentrations continued until November 2005, when VOCs became non-detectable by the PID. Several inspections were performed on the SVE piping system, wellheads and valving to check for ambient air leaks which would contribute to the low to non-detect SVE concentrations, with no leaks being found. To check for any rebound of VOCs, the SVE system was shutdown on December 6, 2005 and then restarted on

January 6, 2006. VOC concentrations were measured at 4.7 ppm on January 6, 2006, after the system was off for one month. Because no significant VOCs were measured after this time period, the SVE system was shut back down. The SVE system was restarted on September 14, 2006, when VOC concentrations were measured at 346 ppm. Since the restarting of the SVE unit in September 2006, VOC concentrations have once again shown a consistent declining trend, measuring 23.5 ppm on February 12, 2008.

On August 5, 2008, the SVE and air sparging systems were converted into a bioventing system utilizing electronic timers to cycle the periods of operation to promote oxygen enhancement in the vadose zone and encourage biodegradation. After startup procedures and timer calibration were completed, continuous operation of the bioventing system began on August 20, 2008. According to system design parameters, the air sparging operates by alternating air injection to each of the four well zones for four hours each, followed by an eight hour latent period. The SVE operates by running concurrently with the air sparging plus two additional hours, followed by a six hour latent period. Well vacuum, groundwater dissolved oxygen (DO) readings, and air injection pressures are collected at the SVE wellheads and sparging manifolds to monitor the effectiveness of the bioventing conversion. Consistent DO data collected since January 2009, utilizing a downhole operated YSI ProODO™ optical DO instrument, have shown an overall slight increasing trend in the groundwater DO through February 2009. Once a larger database of DO readings has been compiled, a more comprehensive evaluation of the bioventing operations effectiveness will be presented in forthcoming reports.

Approximately 49,640 pounds (~24.8 tons) of VOCs have been removed from the vadose zone by the SVE system since startup on October 17, 2002 through February 2009. The yearly total of VOCs removed by SVE from March 2008 through February 2009 was approximately 1.54 tons. The removal of VOCs by the SVE system has shown a consistent decrease from the 11.45 tons removed during the first year of operation at the initial startup in October 2002 through October 2003. The Site is permitted by the New Mexico Air Quality Board for a maximum VOC extraction rate of 15 tons per year.

SYSTEM OPERATION AND MAINTENANCE

The remediation system equipment operation and maintenance schedule was performed according to manufacture recommendations and included oil and oil filter changes, air filter replacement, motor bearing lubrication and air/oil separator maintenance on the

Sullivan/Palatek 20D air compressor; lubrication of the bearings and oil changes on the Roots SVE blower; replacement of fuses and indicator bulbs on the system control panel as needed; monitoring and replacement/repair of gauges, fittings, air regulators and hoses on the pneumatic pumps and wellhead assemblies; and routine monitoring of all system fittings, hoses, sight glasses, gauges, valves, seals, lines, bearings, control switches and solenoids. The operation and maintenance schedule also included recording the system gauge and timer readings into a table for monitoring of system functions over time.

CONCLUSIONS

Based on the data presented in this report, the following conclusions can be determined:

- Groundwater sampling results are consistent with previous data and no significant changes in the crude oil impacts to groundwater are evident. Analytical results from the groundwater monitoring events show that the lateral extent of the dissolved-phase plume remains defined in all directions. Minor detections were noted in a few of the perimeter wells, with TPH-DRO occasionally being reported at very low concentrations.
- Approximately 49,640 pounds (~24.8 tons) of VOCs have been removed from the vadose zone by the SVE system since startup on October 17, 2002 through February 2009. The yearly total of VOCs removed by SVE from March 2008 through February 2009 was approximately 1.54 tons. The removal of VOCs by the SVE system has shown a consistent decrease from the 11.45 tons removed during the first year of operation at the initial startup in October 2002 through October 2003.
- The SVE and air sparging systems were converted into a bioventing system on August 5, 2008. After startup procedures and timer calibration were completed, continuous operation of the bioventing system began on August 20, 2008. Consistent DO data collected since January 2009 have shown an overall slight increasing trend in the groundwater DO through February 2009. Once a larger database of DO readings has been compiled, a more comprehensive evaluation of the bioventing operations effectiveness will be presented.
- Groundwater levels at the Site have shown a continual decrease over time, but they still remain above the maximum low stand in 2004, when LPH was last measured at recoverable thicknesses.

- The reduced LPH thickness measurements indicate the continued effect of the heightened groundwater table rising above the established hydrocarbon smear zone with a majority of the recovery wells showing none to very thin measurable LPH.
- Due to the reduced LPH plume thickness, no crude oil recovery was performed at the Site during March 2008 through February 2009, and most of the skimmer pumps have been removed from the wells to facilitate groundwater and LPH measurement access. From initial abatement activities through February 2009, the crude oil recovery system has recovered approximately 398 barrels of crude oil.

RECOMMENDATIONS

Based on the results and conclusions presented in this report, the following recommendations are presented:

- Continue close monitoring of the groundwater levels and LPH plume thickness with the purpose of restarting the crude oil skimmer system once recoverable LPH is observed in the recovery wells.
- Continue operation of the converted bioventing system and report on the effectiveness of this system in the forthcoming annual report.

Should you have any questions or comments upon review of this report, please contact Mr. Tom Wynn, ConocoPhillips Site Manager, at (918) 661-0310 or myself at (432) 682-4559.

Sincerely,
TETRA TECH

Greg W. Pope, P.G.
Project Manager

FIGURES

Figure 1	Site Map
Figure 2a	Groundwater Contour Map – April 2008
Figure 2b	Groundwater Contour Map – July 2008
Figure 2c	Groundwater Contour Map – October 2008
Figure 2d	Groundwater Contour Map – January 2009
Figure 3a	Summary of Groundwater Analytical Results – April 2008
Figure 3b	Summary of Groundwater Analytical Results – July 2008
Figure 3c	Summary of Groundwater Analytical Results – October 2008
Figure 3d	Summary of Groundwater Analytical Results – January 2009
Figure 4a	Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – April 2008
Figure 4b	Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – July 2008
Figure 4c	Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – October 2008
Figure 4d	Liquid Phase Hydrocarbon (LPH) Thickness Contour Map – January 2009
Figure 5	VOC Emissions Data

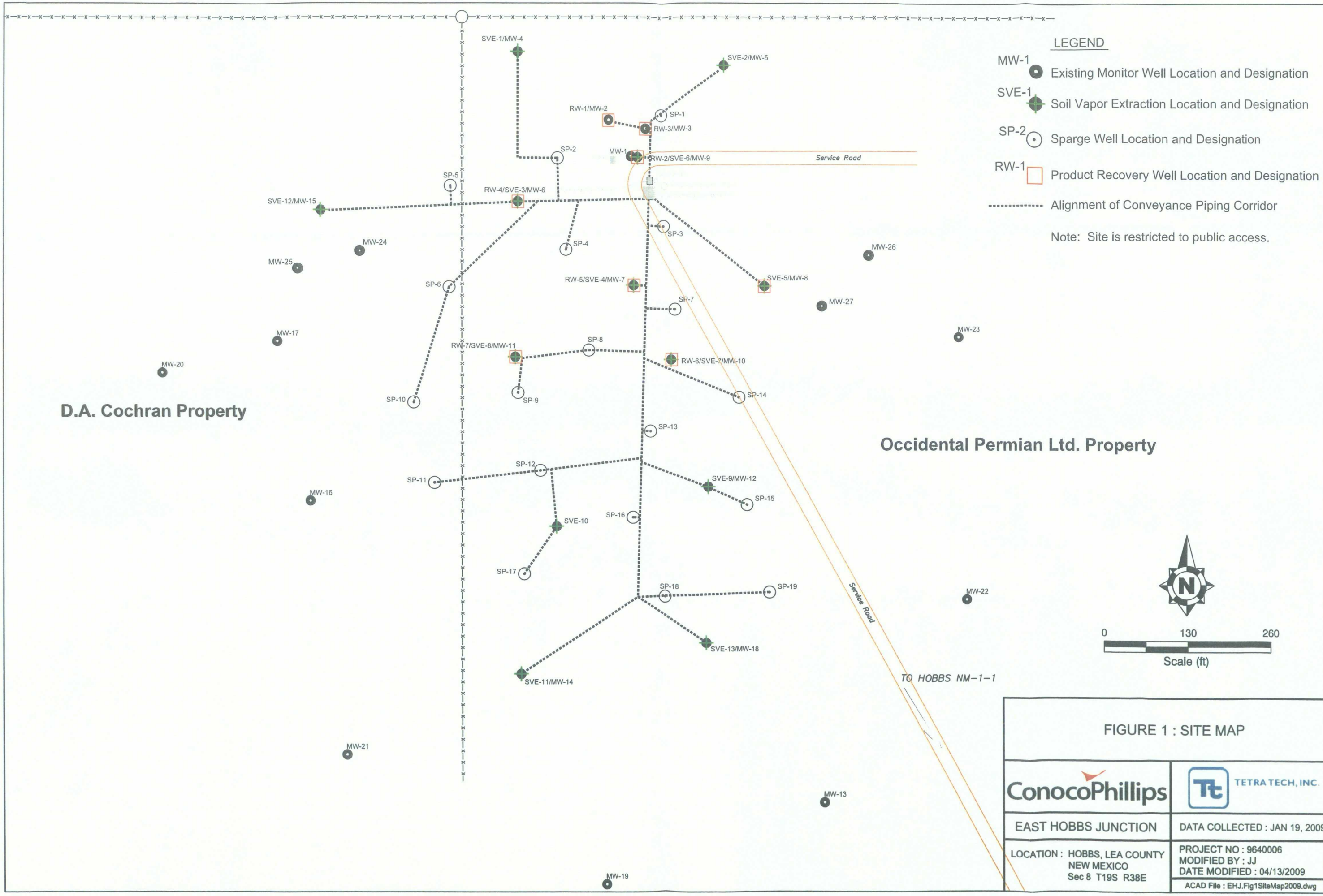


FIGURE 1 : SITE MAP

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : JAN 19, 2009
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/13/2009
	ACAD File : EHJ.Fig1SiteMap2009.dwg

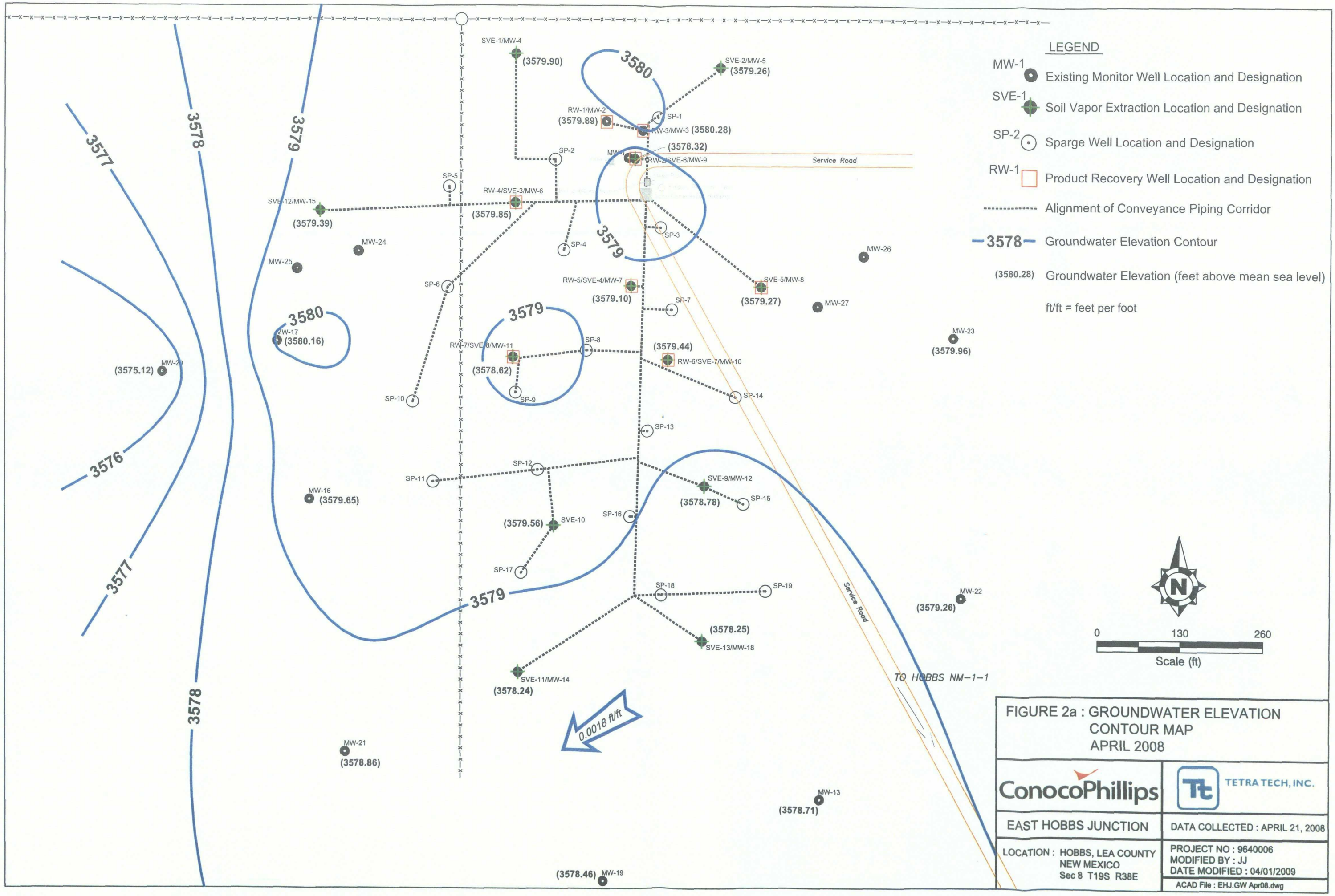


FIGURE 2a : GROUNDWATER ELEVATION CONTOUR MAP
APRIL 2008

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : APRIL 21, 2008
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/01/2009
	ACAD File : EHJ.GW Apr08.dwg

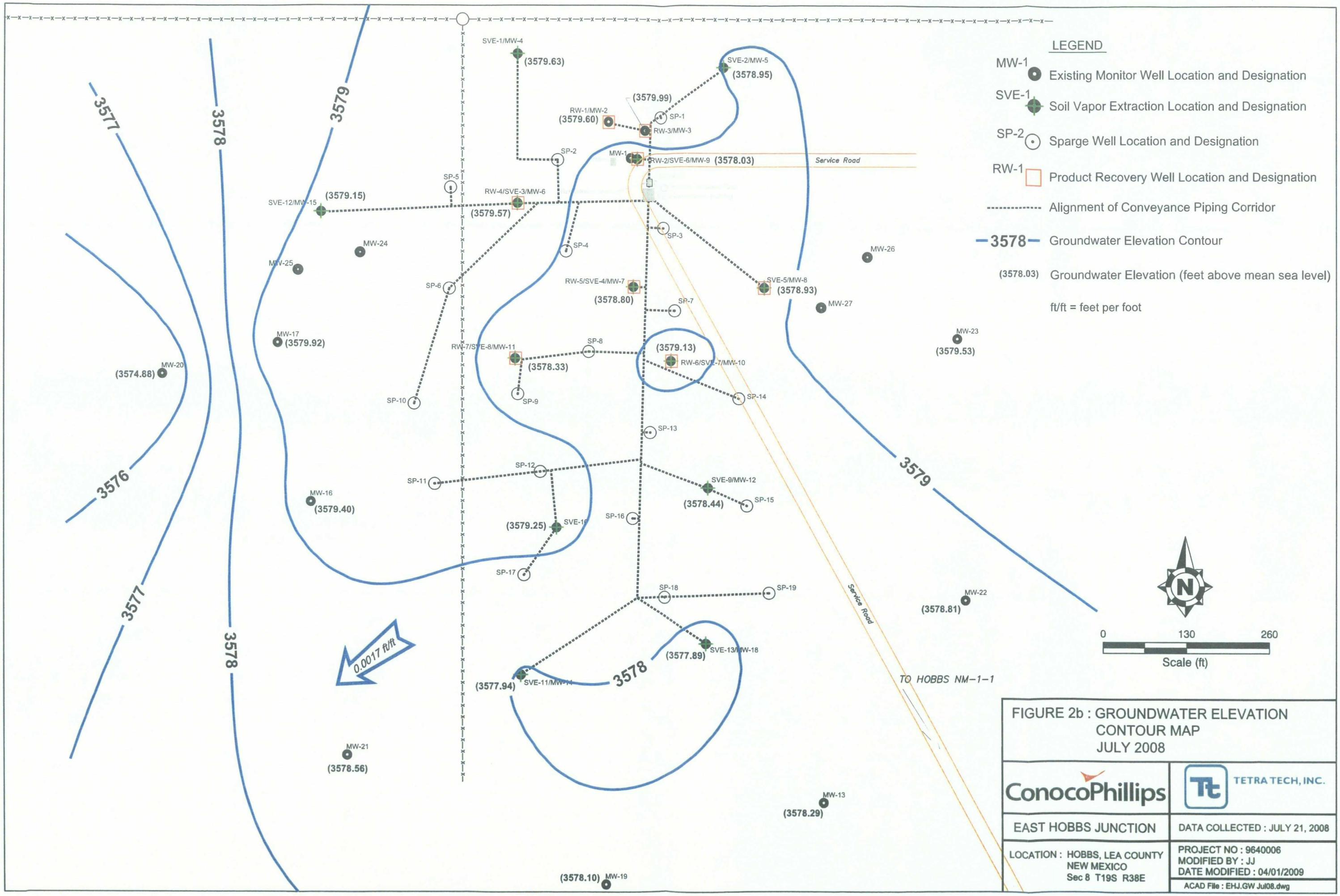


FIGURE 2b : GROUNDWATER ELEVATION CONTOUR MAP
JULY 2008

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : JULY 21, 2008
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/01/2009
	ACAD File : EHJ.GW Jul08.dwg

LEGEND

MW-1 Existing Monitor Well Location and Designation

SVE-1 Soil Vapor Extraction Location and Designation

SP-2 Sparge Well Location and Designation

RW-1 Product Recovery Well Location and Designation

Alignment of Conveyance Piping Corridor

3578 Groundwater Elevation Contour

(3577.79) Groundwater Elevation (feet above mean sea level)

ft/ft = feet per foot

SVE-1/MW-4 (3579.22)
SVE-2/MW-5 (3578.69)
(3579.72)
RW-1/MW-2 (3579.43)
SP-1
RW-3/MW-3
(3577.79)
MW-1
RW-2/SVE-6/MW-9
Service Road
SP-2
SP-5
(3579.34)
RW-4/SVE-3/MW-6
SVE-12/MW-15 (3578.93)
MW-24
MW-25
SP-4
SP-3
MW-26
SP-6
RW-5/SVE-4/MW-7 (3578.58)
SVE-5/MW-8 (3578.68)
SP-7
MW-27
MW-17 (3579.70)
MW-23 (3579.30)
SP-8
RW-7/SVE-8/MW-11 (3578.11)
(3578.69)
RW-6/SVE-7/MW-10
MW-20 (3574.68)
SP-10
SP-9
SP-14
SP-13
SP-12
SP-11
SVE-9/MW-12 (3578.20)
SP-15
MW-16 (3579.18)
SP-16
SVE-10 (3579.02)
SP-17
SP-18
SP-19
MW-22 (3578.62)
(3577.69)
SVE-13/MW-18
(3577.70)
SVE-11/MW-14
Service Road
TO HOBBS NM-1-1
0.0016 ft/ft
MW-21 (3578.34)
MW-13 (3578.12)
(3577.89) MW-19

3575 3576 3577 3578 3579

N

0 130 260
Scale (ft)

FIGURE 2c : GROUNDWATER ELEVATION CONTOUR MAP OCTOBER 2008

ConocoPhillips | TETRA TECH, INC.

EAST HOBBS JUNCTION | DATA COLLECTED : OCT 20, 2008

LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E

PROJECT NO : 9640006
MODIFIED BY : JJ
DATE MODIFIED : 04/01/2009

ACAD File : EHJ.GW Oct08.dwg

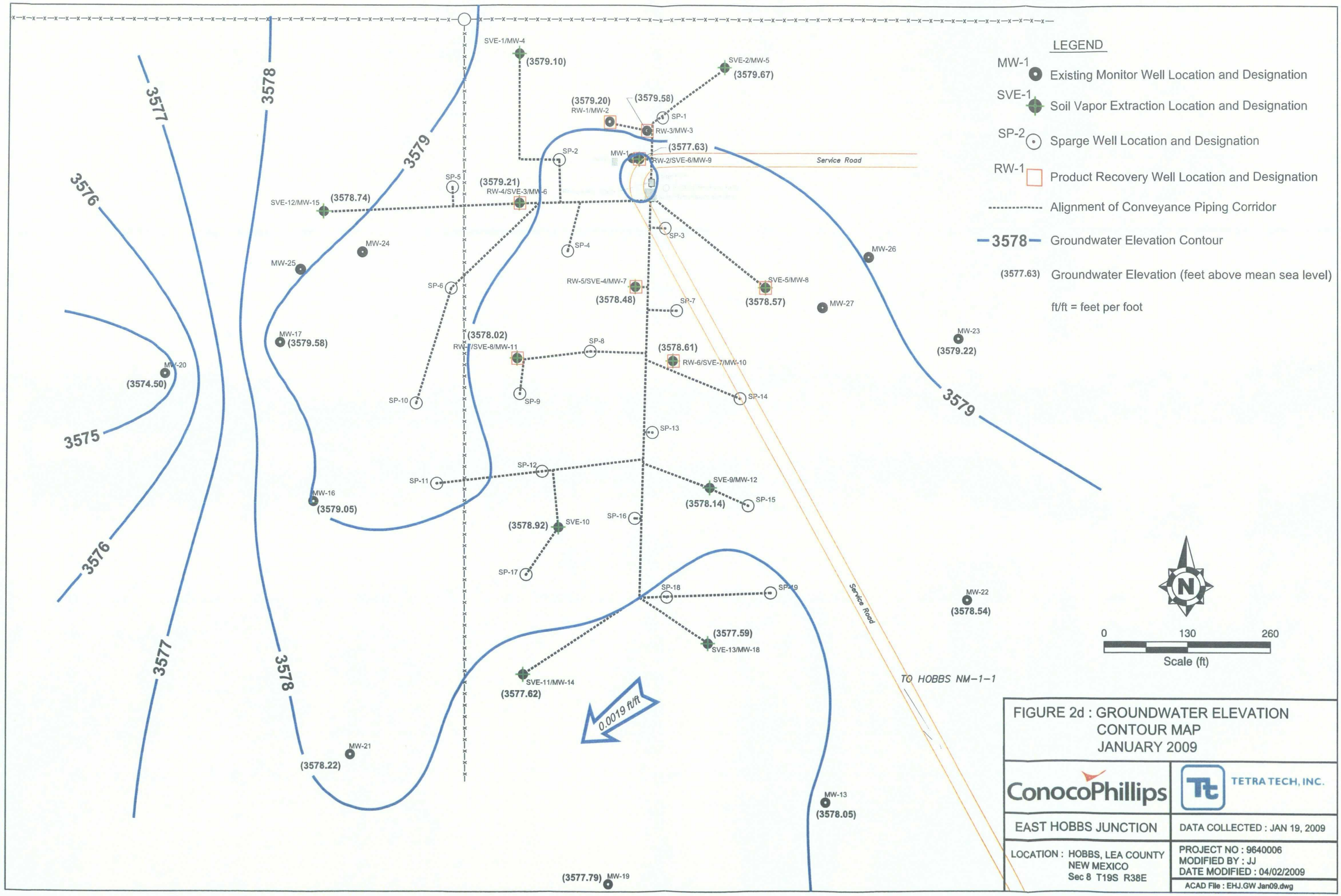


FIGURE 2d : GROUNDWATER ELEVATION CONTOUR MAP JANUARY 2009

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : JAN 19, 2009
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/02/2009
	ACAD File : EHJ.GW Jan09.dwg

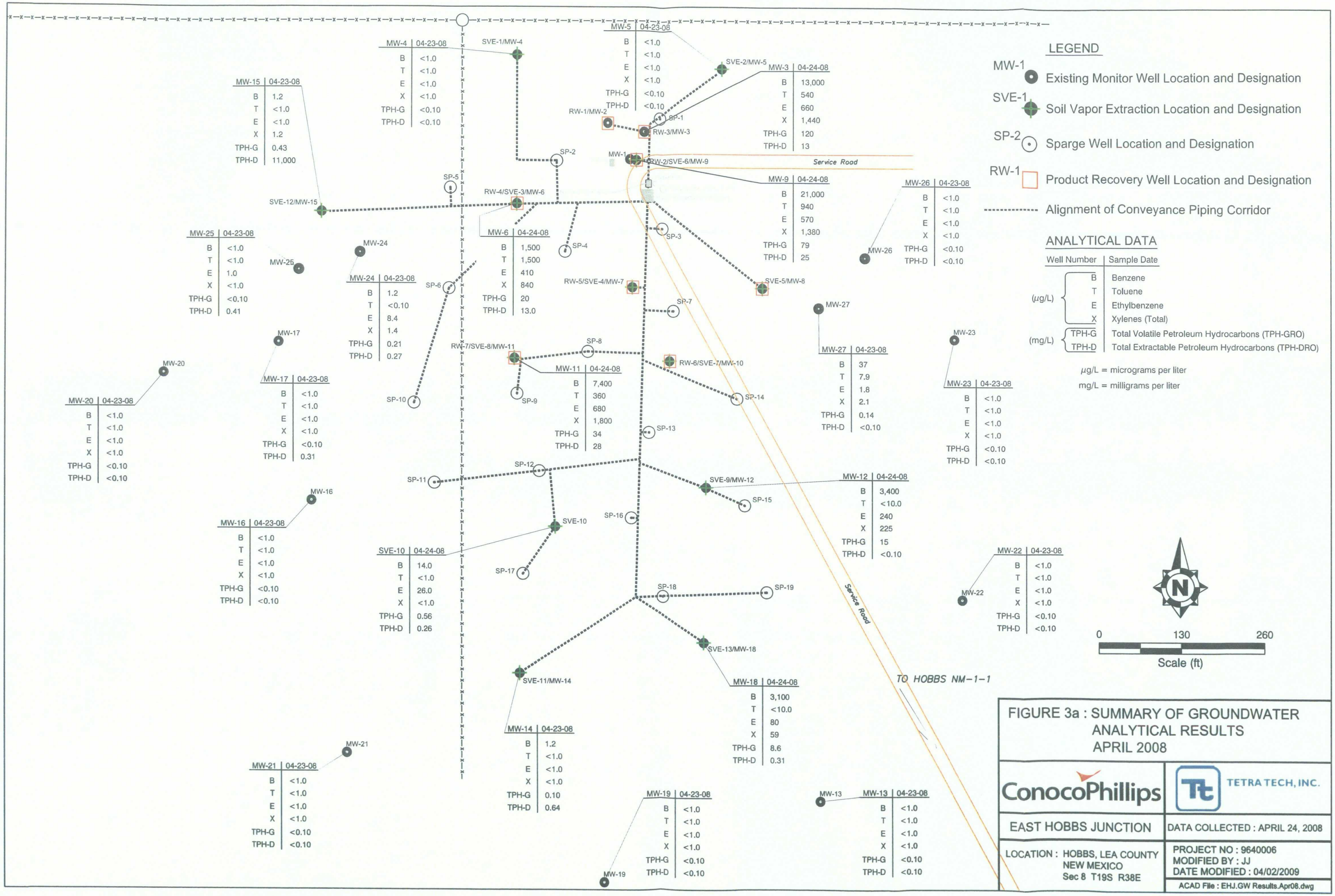


FIGURE 3a : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS APRIL 2008

ConocoPhillips

TETRA TECH, INC.

EAST HOBBS JUNCTION

DATA COLLECTED : APRIL 24, 2008

LOCATION : HOBBS, LEA COUNTY
NEW MEXICO
Sec 8 T19S R38E

PROJECT NO : 9640006
MODIFIED BY : JJ
DATE MODIFIED : 04/02/2009

ACAD File : EHJ.GW Results.Apr08.dwg

MW-4	07-24-08
B	<1.0
T	1.00
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.10

MW-5	07-24-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.10

MW-3	07-25-08
B	10,000
T	130
E	460
X	850
TPH-G	59
TPH-D	22

MW-15	07-24-08
B	<10.0
T	<10.0
E	<10.0
X	<10.0
TPH-G	<1.0
TPH-D	0.37

MW-26	07-24-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.29

MW-25	07-24-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.20

MW-24	07-24-08
B	3.2
T	2.9
E	19
X	4.5
TPH-G	0.29
TPH-D	0.32

MW-6	07-25-08
B	720
T	690
E	250
X	410
TPH-G	8.4
TPH-D	17.0

MW-27	07-24-08
B	140.0
T	33.0
E	6.30
X	11.0
TPH-G	0.57
TPH-D	0.20

MW-23	07-24-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.10

MW-17	07-23-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.33

MW-11	7-25-08
B	7,600
T	460
E	990
X	2,450
TPH-G	36
TPH-D	20

MW-20	07-23-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.19

MW-12	07-25-08
B	2,700
T	<25.0
E	130
X	100
TPH-G	8.9
TPH-D	0.53

MW-16	07-23-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.16

SVE-10	07-25-08
B	180.0
T	<1.0
E	16.0
X	12
TPH-G	0.68
TPH-D	0.28

MW-22	07-24-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.10

MW-18	07-24-08
B	4,800
T	<5.0
E	58
X	39.3
TPH-G	10.0
TPH-D	0.22

MW-14	07-24-08
B	1.2
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	0.11

MW-21	07-23-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.10

MW-19	07-24-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.10

MW-13	07-24-08
B	<1.0
T	<1.0
E	<1.0
X	<1.0
TPH-G	<0.10
TPH-D	<0.10

SVE-1/MW-4
SVE-2/MW-5
RW-1/MW-2
SP-1
RW-3/MW-3
SP-2
MW-1
RW-2/SVE-6/MW-9
Service Road
SP-5
RW-4/SVE-3/MW-6
SVE-12/MW-15
SP-3
SP-4
MW-24
MW-25
MW-26
SP-6
RW-5/SVE-4/MW-7
SVE-5/MW-8
SP-7
MW-17
MW-27
RW-7/SVE-8/MW-11
SP-8
RW-6/SVE-7/MW-10
MW-20
SP-10
SP-9
SP-14
MW-23
SP-13
SP-12
SP-11
SVE-9/MW-12
SP-15
MW-16
SP-16
SVE-10
SP-17
SP-18
SP-19
SVE-13/MW-18
SVE-11/MW-14
MW-21
MW-19
MW-13
MW-22
Service Road
TO HOBBS NM-1-1

LEGEND

- MW-1 — Existing Monitor Well Location and Designation
- SVE-1 — Soil Vapor Extraction Location and Designation
- SP-2 — Sparge Well Location and Designation
- RW-1 — Product Recovery Well Location and Designation
- Alignment of Conveyance Piping Corridor

ANALYTICAL DATA

Well Number	Sample Date
(µg/L) B	Benzene
(µg/L) T	Toluene
(µg/L) E	Ethylbenzene
(µg/L) X	Xylenes (Total)
(mg/L) TPH-G	Total Volatile Petroleum Hydrocarbons (TPH-GRO)
(mg/L) TPH-D	Total Extractable Petroleum Hydrocarbons (TPH-DRO)

µg/L = micrograms per liter

mg/L = milligrams per liter

N

0 130 260

Scale (ft)

FIGURE 3b : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS JULY 2008

ConocoPhillips

TETRA TECH, INC.

EAST HOBBS JUNCTION

DATA COLLECTED : JULY 23, 2008

LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E

PROJECT NO : 9640006
MODIFIED BY : JJ
DATE MODIFIED : 04/6/2009

ACAD File : EHJ.GW Results.Jul08.dwg

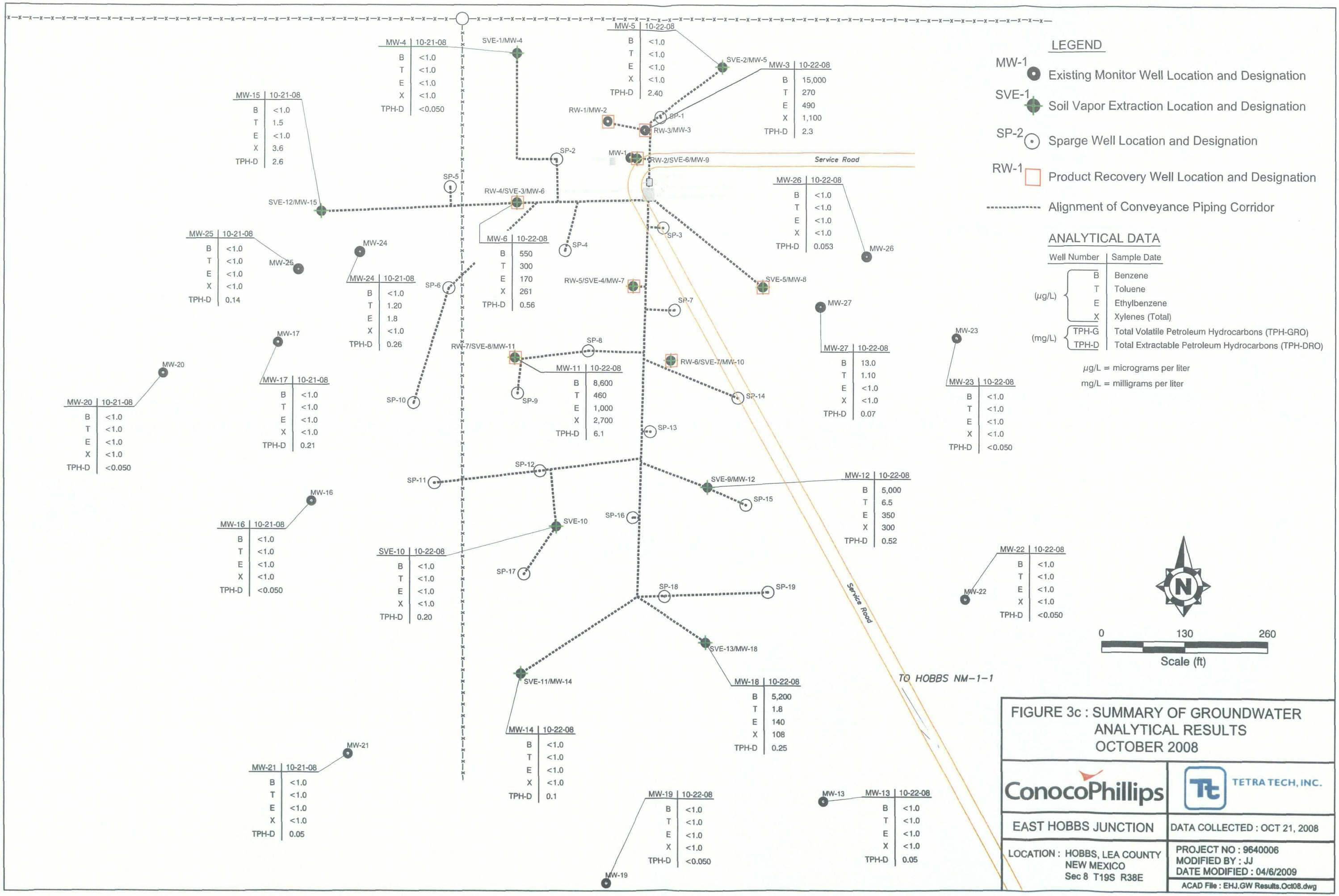


FIGURE 3c : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS OCTOBER 2008

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : OCT 21, 2008
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/6/2009
	ACAD File : EHJ.GW Results.Oct08.dwg

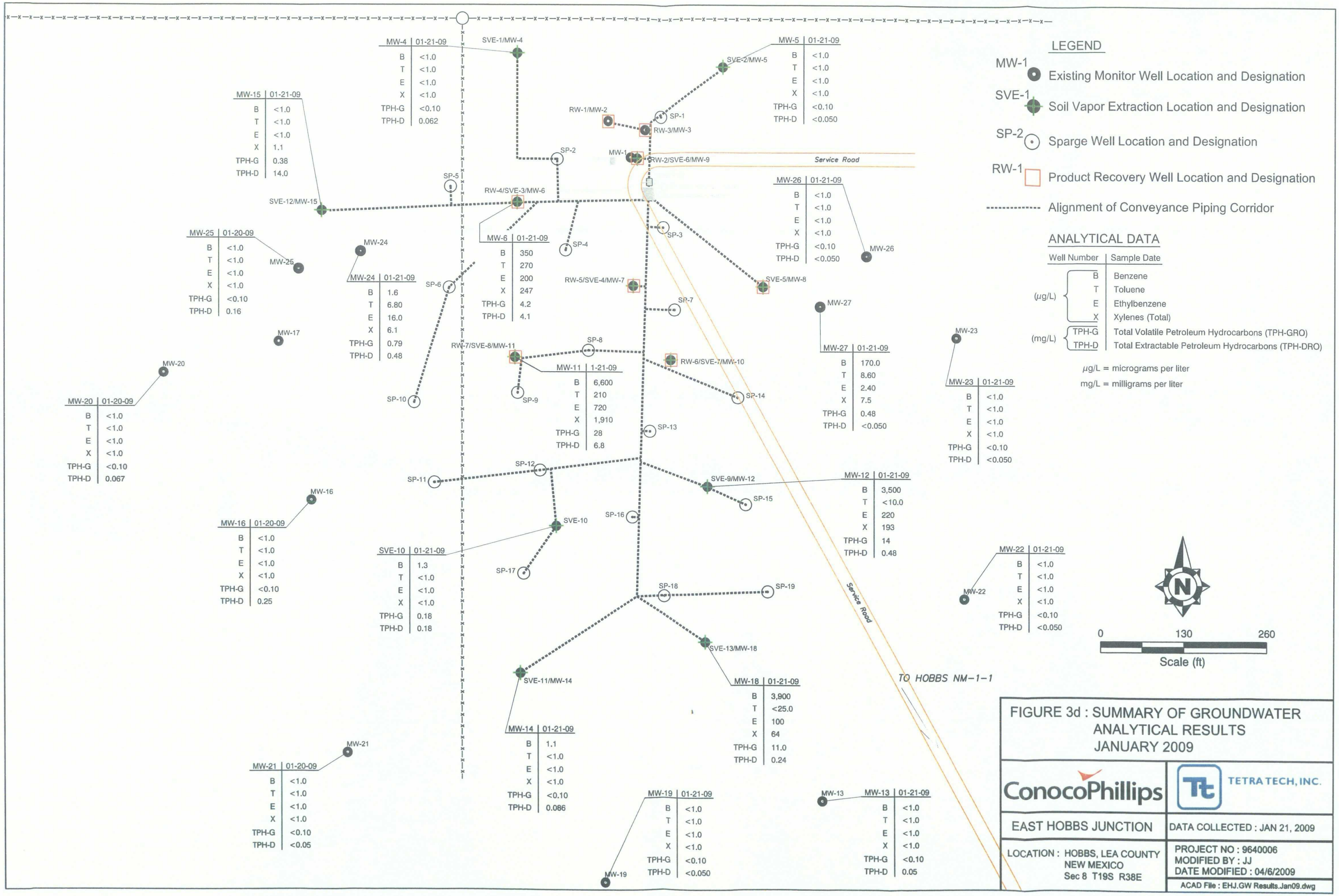


FIGURE 3d : SUMMARY OF GROUNDWATER ANALYTICAL RESULTS JANUARY 2009

ConocoPhillips

TETRA TECH, INC.

EAST HOBBS JUNCTION

DATA COLLECTED : JAN 21, 2009

LOCATION : HOBBS, LEA COUNTY
NEW MEXICO
Sec 8 T19S R38E

PROJECT NO : 9640006
MODIFIED BY : JJ
DATE MODIFIED : 04/6/2009

ACAD File : EHJ.GW Results.Jan09.dwg

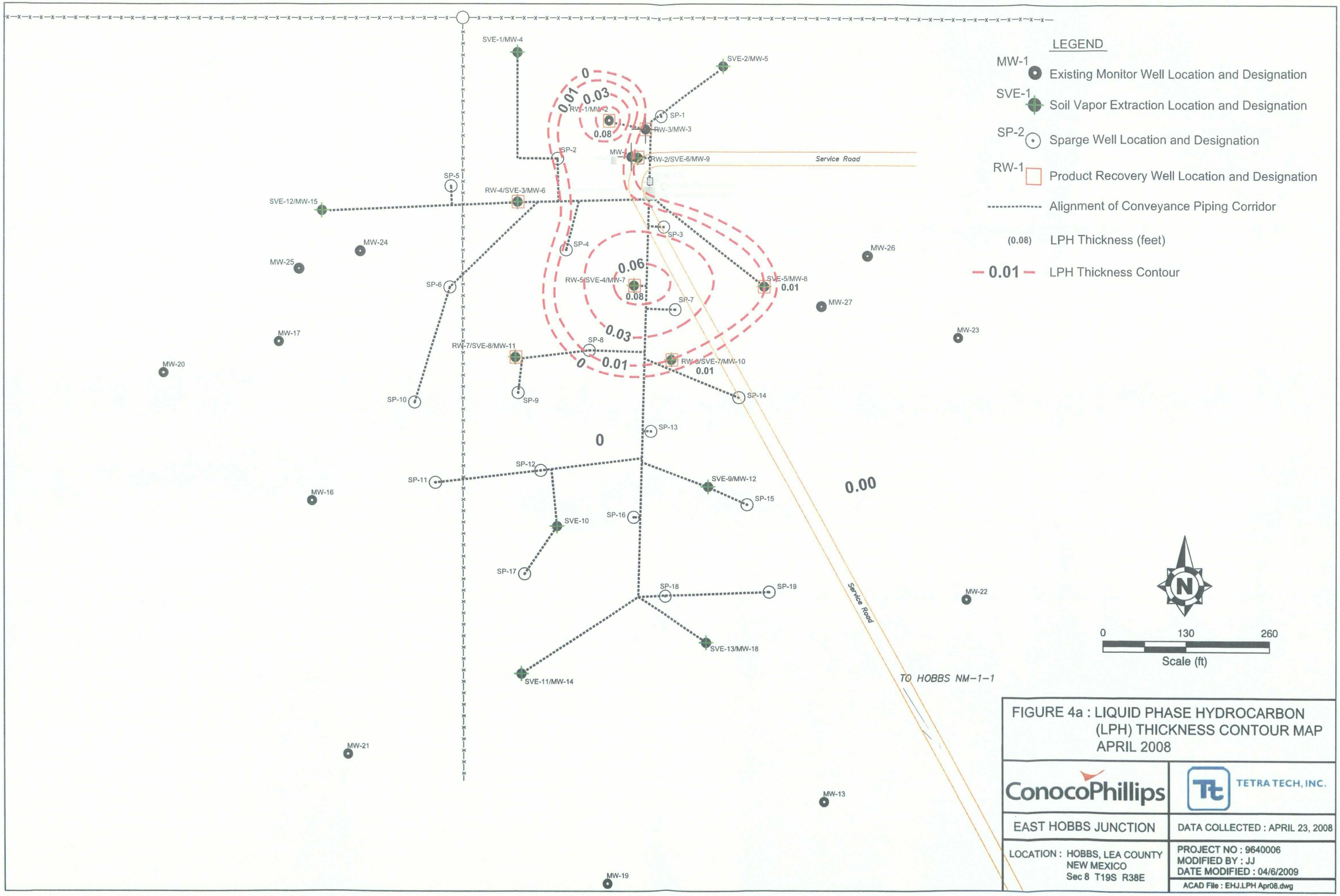


FIGURE 4a : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP APRIL 2008

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : APRIL 23, 2008
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/6/2009
	ACAD File : EHJ.LPH Apr08.dwg

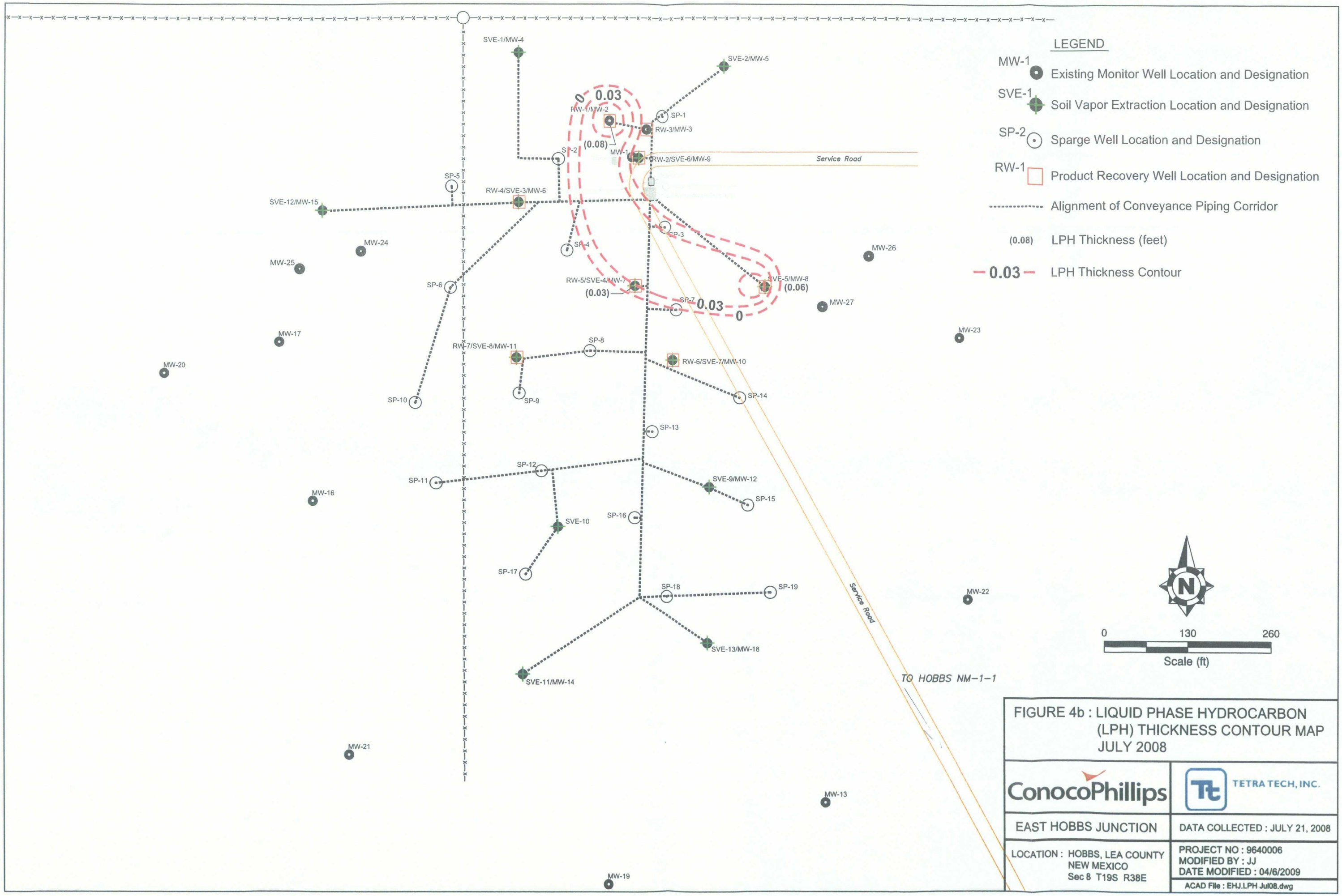


FIGURE 4b : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP JULY 2008

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : JULY 21, 2008
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/6/2009
	ACAD File : EHJ.LPH Jul08.dwg

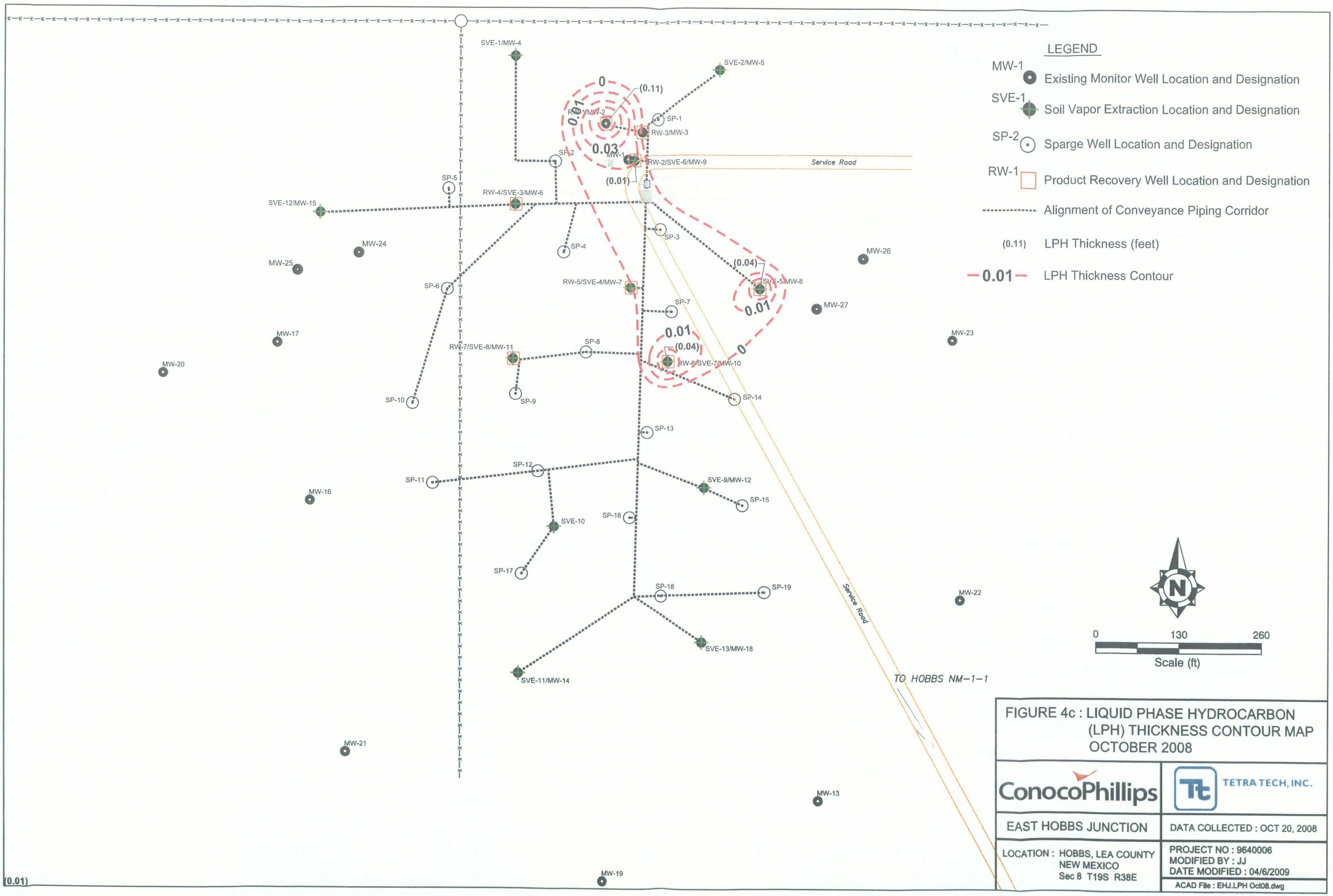


FIGURE 4c : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP OCTOBER 2008

ConocoPhillips

TETRA TECH, INC.

EAST HOBBS JUNCTION

DATA COLLECTED : OCT 20, 2008

LOCATION : HOBBS, LEA COUNTY
NEW MEXICO
Sec 8 T19S R38E

PROJECT NO : 9640006
MODIFIED BY : JJ
DATE MODIFIED : 04/6/2009

ACAD File : EHJ.LPH Oct08.dwg

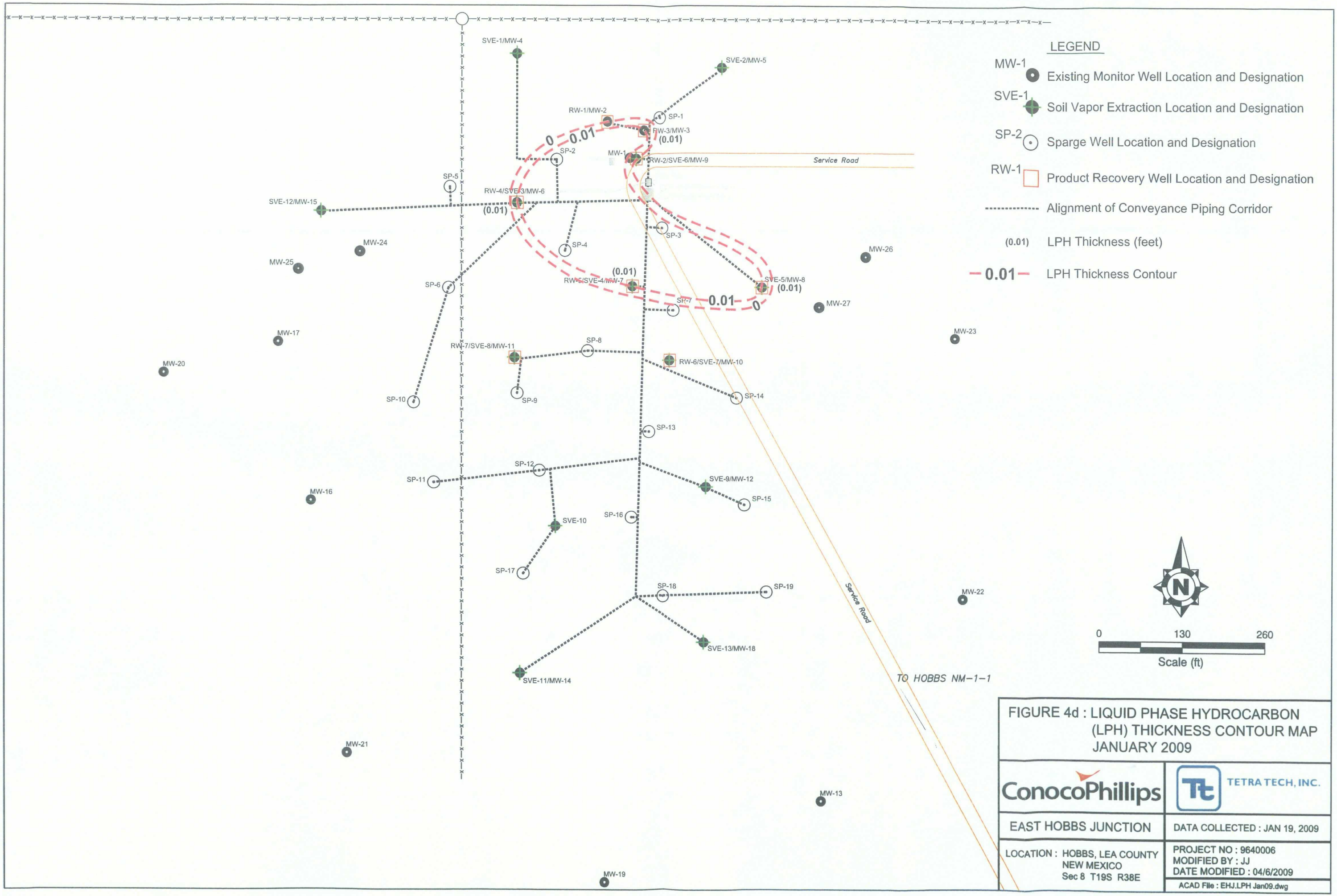
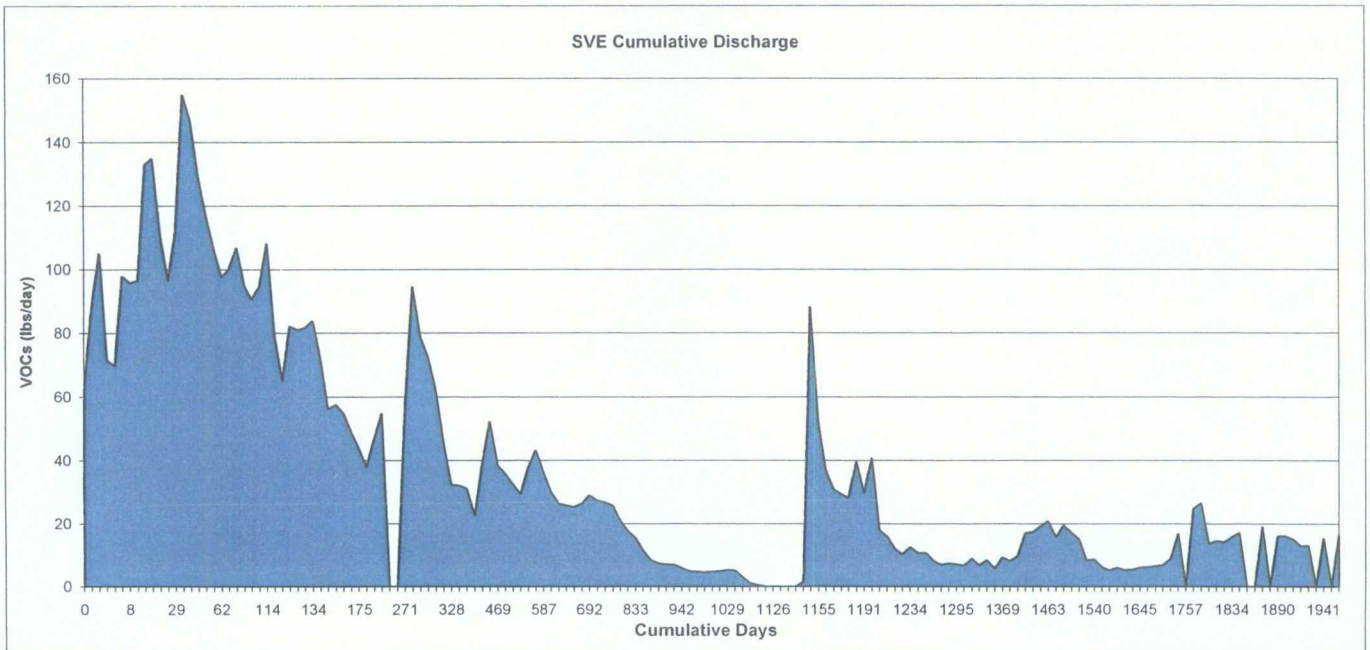
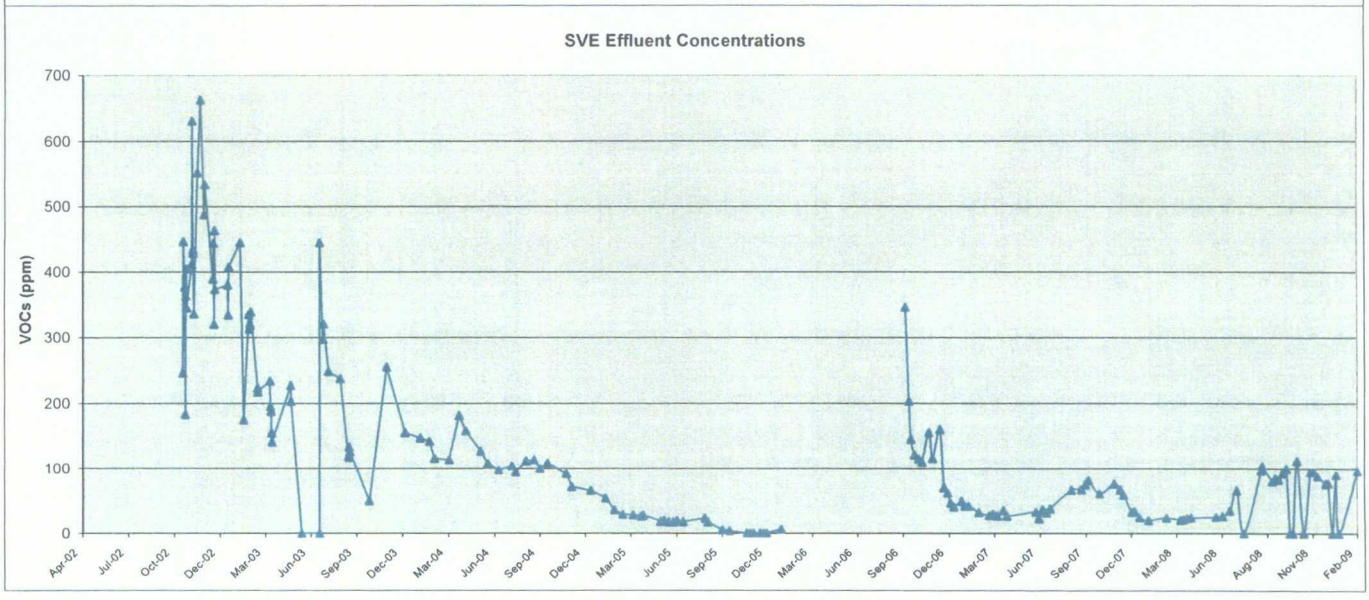


FIGURE 4d : LIQUID PHASE HYDROCARBON (LPH) THICKNESS CONTOUR MAP JANUARY 2009

ConocoPhillips	TETRA TECH, INC.
EAST HOBBS JUNCTION	DATA COLLECTED : JAN 19, 2009
LOCATION : HOBBS, LEA COUNTY NEW MEXICO Sec 8 T19S R38E	PROJECT NO : 9640006 MODIFIED BY : JJ DATE MODIFIED : 04/6/2009
	ACAD File : EHJ.LPH Jan09.dwg

Figure 5
VOC Emissions Data
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico





TABLES

Table 1	Water Level Measurements
Table 2a	Summary of Groundwater Analytical Data - Organics
Table 2b	Groundwater Analytical Data - Organics
Table 2c	Groundwater Analytical Data - Inorganics
Table 3	Summary of SVE System Emissions Data

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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	03/01/01	3606.28	27.14	24.19	2.95	2.36	24.78	3581.50
	06/25/01	3606.28	NM		0.00	0.00		
	09/25/01	3606.28	NM		0.00	0.00		
	12/11/01	3606.28	NM		0.00	0.00		
	05/22/02	3606.28	27.85	25.39	2.46	1.97	25.88	3580.40
	04/18/05	3606.28	24.29		0.00	0.00	24.29	3581.99
	07/18/05	3606.28	24.31		0.00	0.00	24.31	3581.97
	10/17/05	3606.28	24.23		0.00	0.00	24.23	3582.05
	01/23/06	3606.28	24.42		0.00	0.00	24.42	3581.86
	04/24/06	3606.28	24.80	24.80	0.00	0.00	24.80	3581.48
MW-2 (RW-1)	03/01/01	3606.45	26.88	24.29	2.59	2.07	24.81	3581.64
	06/25/01	3606.45	26.67	25.73	0.94	0.75	25.92	3580.53
	09/25/01	3606.45	26.59	26.04	0.55	0.44	26.15	3580.30
	12/11/01	3606.45	28.20	25.73	2.47	1.98	26.22	3580.23
	05/22/02	3606.45	28.00	26.33	1.67	1.34	26.66	3579.79
	11/05/02	3606.45	28.73	24.67	4.06	3.25	25.48	3580.97
	02/25/03	3606.45	29.30	26.55	2.75	2.20	27.10	3579.35
	04/09/03	3606.45	28.41	26.41	2.00	1.60	26.81	3579.64
	06/25/03	3606.45	28.55	26.58	1.97	1.58	26.97	3579.48
	09/11/03	3606.45	28.60	26.62	1.98	1.58	27.02	3579.43
	11/05/03	3606.45	28.74	26.95	1.79	1.43	27.31	3579.14
	01/19/04	3606.45	28.42	27.35	1.07	0.86	27.56	3578.89
	04/20/04	3606.45	28.24	27.47	0.77	0.62	27.62	3578.83
	07/20/04	3606.45	28.97	27.74	1.23	0.98	27.99	3578.46
	10/25/04	3606.45	25.39	25.20	0.19	0.15	25.24	3581.21
	01/24/05	3606.45	25.42		0.00	0.00	25.42	3581.03
	02/14/05	3606.45	25.35		0.00	0.00	25.35	3581.10
	03/02/05	3606.45	25.31		0.00	0.00	25.31	3581.14
	03/08/05	3606.45	25.28		0.00	0.00	25.28	3581.17
	03/23/05	3606.45	25.21		0.00	0.00	25.21	3581.24
	04/18/05	3606.45	25.11	25.10	0.01	0.01	25.10	3581.35
	05/09/05	3606.45	25.12		0.00	0.00	25.12	3581.33
	06/10/05	3606.45	25.08		0.00	0.00	25.08	3581.37
	07/18/05	3606.45	25.10	25.10	0.00	0.00	25.10	3581.35
	10/17/05	3606.45	25.00	24.88	0.12	0.10	24.90	3581.55
	12/28/05	3606.45	25.15		0.00	0.00	25.15	3581.30
	01/10/06	3606.45	25.20	25.19	0.01	0.01	25.19	3581.26
	01/23/06	3606.45	25.21	25.17	0.04	0.03	25.18	3581.27
	04/24/06	3606.45	25.58	25.56	0.02	0.02	25.56	3580.89
	07/24/06	3606.45	25.95	25.91	0.04	0.03	25.92	3580.53
	10/23/06	3606.45	25.79		0.00	0.00	25.79	3580.66
	01/23/07	3606.45	25.83	25.82	0.01	0.01	25.82	3580.63
	04/23/07	3606.45	26.27	26.11	0.16	0.13	26.14	3580.31
	07/23/07	3606.45	26.38	26.25	0.13	0.10	26.28	3580.17
	10/22/07	3606.45	26.38	26.29	0.09	0.07	26.31	3580.14
	01/28/08	3606.45	26.39	26.32	0.07	0.06	26.33	3580.12
	04/21/08	3606.45	26.62	26.54	0.08	0.06	26.56	3579.89
	07/21/08	3606.45	26.91	26.83	0.08	0.06	26.85	3579.60
	10/20/08	3606.45	27.11	27.00	0.11	0.09	27.02	3579.43
	01/19/09	3606.45	27.25		0.00	0.00	27.25	3579.20
MW-3 (RW-3)	03/01/01	3606.33	26.92	24.19	2.73	2.18	24.74	3581.59
	06/25/01	3606.33	27.01	24.91	2.10	1.68	25.33	3581.00
	09/25/01	3606.33	27.52	25.09	2.43	1.94	25.58	3580.75
	12/11/01	3606.33	27.70	25.29	2.41	1.93	25.77	3580.56
	11/05/02	3606.33	28.14	26.13	2.01	1.61	26.53	3579.80
	02/25/03	3606.33	29.55	26.34	3.21	2.57	26.98	3579.35
	04/09/03	3606.33	29.02	26.24	2.78	2.22	26.80	3579.53
	06/25/03	3606.33	28.06	26.47	1.59	1.27	26.79	3579.54
	09/11/03	3606.33	28.72	26.89	1.83	1.46	27.26	3579.07
	11/05/03	3606.33	28.45	26.85	1.60	1.28	27.17	3579.16
	01/19/04	3606.33	28.86	26.95	1.91	1.53	27.33	3579.00
	04/20/04	3606.33	28.64	27.19	1.45	1.16	27.48	3578.85
	07/20/04	3606.33	28.53	27.26	1.27	1.02	27.51	3578.82
	10/25/04	3606.33	25.78	25.77	0.01	0.01	25.77	3580.56
	01/24/05	3606.33	24.93	24.91	0.02	0.02	24.91	3581.42

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (RW-3) cont.	02/14/05	3606.33	24.83		0.00	0.00	24.83	3581.50
	03/02/05	3606.33	24.78		0.00	0.00	24.78	3581.55
	03/08/05	3606.33	24.76		0.00	0.00	24.76	3581.57
	03/23/05	3606.33	24.69		0.00	0.00	24.69	3581.64
	04/18/05	3606.33	24.56	24.55	0.01	0.01	24.55	3581.78
	05/09/05	3606.33	24.58		0.00	0.00	24.58	3581.75
	06/10/05	3606.33	24.56		0.00	0.00	24.56	3581.77
	07/18/05	3606.33	24.57	24.55	0.02	0.02	24.55	3581.78
	10/17/05	3606.33	24.47		0.00	0.00	24.47	3581.86
	12/28/05	3606.33	24.63		0.00	0.00	24.63	3581.70
	01/10/06	3606.33	24.69		0.00	0.00	24.69	3581.64
	01/23/06	3606.33	24.66	24.47	0.19	0.15	24.51	3581.82
	04/24/06	3606.33	25.10	25.03	0.07	0.06	25.04	3581.29
	07/24/06	3606.33	25.39	25.39	0.00	0.00	25.39	3580.94
	10/23/06	3606.33	25.28	25.28	0.00	0.00	25.28	3581.05
	01/23/07	3606.33	25.32	25.31	0.01	0.01	25.31	3581.02
	04/23/07	3606.33	25.65	25.61	0.04	0.03	25.62	3580.71
	07/23/07	3606.33	25.77	25.74	0.03	0.02	25.75	3580.58
	10/22/07	3606.33	25.78	25.78	0.00	0.00	25.78	3580.55
	01/28/08	3606.33	25.82	25.81	0.01	0.01	25.81	3580.52
	04/21/08	3606.33	26.05		0.00	0.00	26.05	3580.28
	07/21/08	3606.33	26.34		0.00	0.00	26.34	3579.99
	10/20/08	3606.33	26.61		0.00	0.00	26.61	3579.72
	01/19/09	3606.33	26.76	26.75	0.01	0.01	26.75	3579.58
MW-4 (SVE-1)	03/01/01	3606.69	24.60		0.00	0.00	24.60	3582.09
	06/25/01	3606.69	25.14		0.00	0.00	25.14	3581.55
	09/25/01	3606.69	25.36		0.00	0.00	25.36	3581.33
	12/11/01	3606.69	24.54		0.00	0.00	24.54	3582.15
	05/21/02	3606.69	25.95		0.00	0.00	25.95	3580.74
	06/08/02	3606.69	26.00		0.00	0.00	26.00	3580.69
	06/15/02	3606.69	26.00		0.00	0.00	26.00	3580.69
	10/15/02	3606.37	26.86		0.00	0.00	26.86	3579.51
	10/25/02	3606.37	26.90		0.00	0.00	26.90	3579.47
	10/26/02	3606.37	26.89		0.00	0.00	26.89	3579.48
	11/04/02	3606.37	26.86		0.00	0.00	26.86	3579.51
	11/05/02	3606.37	26.80		0.00	0.00	26.80	3579.57
	12/16/02	3606.37	26.80		0.00	0.00	26.80	3579.57
	01/22/03	3606.37	26.68		0.00	0.00	26.68	3579.69
	02/14/03	3606.37	26.88		0.00	0.00	26.88	3579.49
	02/24/03	3606.37	26.90		0.00	0.00	26.90	3579.47
	04/07/03	3606.37	27.00		0.00	0.00	27.00	3579.37
	04/24/03	3606.37	26.98		0.00	0.00	26.98	3579.39
	07/15/03	3606.37	27.09		0.00	0.00	27.09	3579.28
	09/11/03	3606.37	27.23		0.00	0.00	27.23	3579.14
	10/15/03	3606.37	27.25		0.00	0.00	27.25	3579.12
	01/19/04	3606.37	27.71		0.00	0.00	27.71	3578.66
	04/19/04	3606.37	27.64		0.00	0.00	27.64	3578.73
	07/20/04	3606.37	27.90		0.00	0.00	27.90	3578.47
	10/25/04	3606.37	26.21		0.00	0.00	26.21	3580.16
	01/24/05	3606.37	25.42		0.00	0.00	25.42	3580.95
	04/18/05	3606.37	25.10		0.00	0.00	25.10	3581.27
	07/18/05	3606.37	25.06		0.00	0.00	25.06	3581.31
	10/17/05	3606.37	24.90		0.00	0.00	24.90	3581.47
	01/23/06	3606.37	25.11		0.00	0.00	25.11	3581.26
	04/24/06	3606.37	25.47		0.00	0.00	25.47	3580.90
	07/24/06	3606.37	25.82		0.00	0.00	25.82	3580.55
	10/23/06	3606.37	25.69		0.00	0.00	25.69	3580.68
	01/23/07	3606.37	25.76		0.00	0.00	25.76	3580.61
	04/23/07	3606.37	26.05		0.00	0.00	26.05	3580.32
	07/23/07	3606.37	26.18		0.00	0.00	26.18	3580.19
	10/22/07	3606.37	26.25		0.00	0.00	26.25	3580.12
	01/28/08	3606.37	26.28		0.00	0.00	26.28	3580.09
	04/21/08	3606.37	26.47		0.00	0.00	26.47	3579.90
	07/21/08	3606.37	26.74		0.00	0.00	26.74	3579.63
	10/20/08	3606.37	27.15		0.00	0.00	27.15	3579.22
	01/19/09	3606.37	27.27		0.00	0.00	27.27	3579.10

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (SVE-2)	03/01/01	3605.52	24.03		0.00	0.00	24.03	3581.49
	06/25/01	3605.52	24.23		0.00	0.00	24.23	3581.29
	09/25/01	3605.52	24.48		0.00	0.00	24.48	3581.04
	12/11/01	3605.52	24.68		0.00	0.00	24.68	3580.84
	05/21/02	3605.52	25.12		0.00	0.00	25.12	3580.40
	06/08/02	3605.52	25.13		0.00	0.00	25.13	3580.39
	06/15/02	3605.52	25.13		0.00	0.00	25.13	3580.39
	10/15/02	3604.90	26.20		0.00	0.00	26.20	3578.70
	10/25/02	3604.90	26.19		0.00	0.00	26.19	3578.71
	10/26/02	3604.90	26.21		0.00	0.00	26.21	3578.69
	11/04/02	3604.90	26.08		0.00	0.00	26.08	3578.82
	11/05/02	3604.90	26.02		0.00	0.00	26.02	3578.88
	12/16/02	3604.90	26.06		0.00	0.00	26.06	3578.84
	01/22/03	3604.90	25.81		0.00	0.00	25.81	3579.09
	02/08/03	3604.90	25.91		0.00	0.00	25.91	3578.99
	02/14/03	3604.90	25.89		0.00	0.00	25.89	3579.01
	02/24/03	3604.90	25.96		0.00	0.00	25.96	3578.94
	04/07/03	3604.90	26.06		0.00	0.00	26.06	3578.84
	04/24/03	3604.90	26.05		0.00	0.00	26.05	3578.85
	07/15/03	3604.90	26.38		0.00	0.00	26.38	3578.52
	09/11/03	3604.90	26.43		0.00	0.00	26.43	3578.47
	10/15/03	3604.90	26.70		0.00	0.00	26.70	3578.20
	01/19/04	3604.90	27.06		0.00	0.00	27.06	3577.84
	04/19/04	3604.90	26.93		0.00	0.00	26.93	3577.97
	07/20/04	3604.90	27.17		0.00	0.00	27.17	3577.73
	10/25/04	3604.90	25.22		0.00	0.00	25.22	3579.68
	01/24/05	3604.90	24.52		0.00	0.00	24.52	3580.38
	04/18/05	3604.90	24.11		0.00	0.00	24.11	3580.79
	07/18/05	3604.90	24.18		0.00	0.00	24.18	3580.72
	10/17/05	3604.90	24.00		0.00	0.00	24.00	3580.90
	01/23/06	3604.90	24.24		0.00	0.00	24.24	3580.66
	04/24/06	3604.90	24.66		0.00	0.00	24.66	3580.24
	07/24/06	3604.90	25.03		0.00	0.00	25.03	3579.87
	10/23/06	3604.90	24.91		0.00	0.00	24.91	3579.99
	01/23/07	3604.90	24.90		0.00	0.00	24.90	3580.00
	04/23/07	3604.90	25.22		0.00	0.00	25.22	3579.68
	07/23/07	3604.90	25.35		0.00	0.00	25.35	3579.55
	10/22/07	3604.90	25.35		0.00	0.00	25.35	3579.55
	01/28/08	3604.90	25.38		0.00	0.00	25.38	3579.52
	04/21/08	3604.90	25.64		0.00	0.00	25.64	3579.26
	07/21/08	3604.90	25.95		0.00	0.00	25.95	3578.95
	10/20/08	3604.90	26.21		0.00	0.00	26.21	3578.69
	01/19/09	3604.90	25.23		0.00	0.00	25.23	3579.67
MW-6 (RW-4)	03/01/01	3606.14	25.54	24.51	1.03	0.82	24.72	3581.42
	06/25/01	3606.14	26.88	24.42	2.46	1.97	24.91	3581.23
	09/25/01	3606.14	25.96	25.93	0.03	0.02	25.94	3580.20
	12/11/01	3606.14	27.64	25.66	1.98	1.58	26.06	3580.08
	06/25/03	3606.14	28.31	26.78	1.53	1.22	27.09	3579.05
	09/11/03	3606.14	28.46	26.83	1.63	1.30	27.16	3578.98
	11/05/03	3606.14	28.02	27.19	0.83	0.66	27.36	3578.78
	01/19/04	3606.14	28.41	27.36	1.05	0.84	27.57	3578.57
	04/20/04	3606.14	27.96	27.63	0.33	0.26	27.70	3578.44
	07/20/04	3606.14	28.38	28.01	0.37	0.30	28.08	3578.06
	10/25/04	3606.14	26.22	26.21	0.01	0.01	26.21	3579.93
	01/24/05	3606.14	25.17		0.00	0.00	25.17	3580.97
	02/14/05	3606.14	25.11		0.00	0.00	25.11	3581.03
	03/02/05	3606.14	25.06	25.05	0.01	0.01	25.05	3581.09
	03/08/05	3606.14	25.02		0.00	0.00	25.02	3581.12
	03/23/05	3606.14	24.97		0.00	0.00	24.97	3581.17
	04/18/05	3606.14	24.86		0.00	0.00	24.86	3581.28
	05/09/05	3606.14	24.87		0.00	0.00	24.87	3581.27
	06/10/05	3606.14	24.83		0.00	0.00	24.83	3581.31
	07/18/05	3606.14	24.84		0.00	0.00	24.84	3581.30
	10/17/05	3606.14	24.75		0.00	0.00	24.75	3581.39
	12/28/05	3606.14	24.90		0.00	0.00	24.90	3581.24
	01/10/06	3606.14	24.96		0.00	0.00	24.96	3581.18

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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-6 (RW-4) cont.	01/23/06	3606.14	24.94		0.00	0.00	24.94	3581.20
	04/24/06	3606.14	25.31	25.31	0.00	0.00	25.31	3580.83
	07/24/06	3606.14	25.66	25.66	0.00	0.00	25.66	3580.48
	10/22/06	3606.14	25.54	25.54	0.00	0.00	25.54	3580.60
	01/23/07	3606.14	25.60	25.60	0.00	0.00	25.60	3580.54
	04/23/07	3606.14	25.88		0.00	0.00	25.88	3580.26
	07/23/07	3606.17	26.02	26.02	0.00	0.00	26.02	3580.15
	10/22/07	3606.17	26.07	26.07	0.00	0.00	26.07	3580.10
	01/28/08	3606.17	26.11	26.10	0.01	0.01	26.10	3580.07
	04/21/08	3606.17	26.32		0.00	0.00	26.32	3579.85
	07/21/08	3606.17	26.60		0.00	0.00	26.60	3579.57
	10/20/08	3606.17	26.83		0.00	0.00	26.83	3579.34
	01/19/09	3606.17	26.97	26.96	0.01	0.01	26.96	3579.21
MW-7 (RW-5)	03/01/01	3605.50	26.61	23.73	2.88	2.30	24.31	3581.19
	06/25/01	3605.50	25.35	25.30	0.05	0.04	25.31	3580.19
	09/25/01	3605.50	26.05	25.41	0.64	0.51	25.54	3579.96
	05/22/02	3605.50	26.54	25.98	0.56	0.45	26.09	3579.41
	11/05/02	3605.50	28.68	25.44	3.24	2.59	26.09	3579.41
	02/25/03	3605.50	29.56	26.08	3.48	2.78	26.78	3578.72
	04/09/03	3605.50	29.18	26.28	2.90	2.32	26.86	3578.64
	06/25/03	3605.50	28.73	26.72	2.01	1.61	27.12	3578.38
	09/11/03	3605.50	29.08	26.73	2.35	1.88	27.20	3578.30
	11/05/03	3605.50	29.03	27.00	2.03	1.62	27.41	3578.09
	01/19/04	3605.50	29.77	27.00	2.77	2.22	27.55	3577.95
	04/20/04	3605.50	29.55	27.30	2.25	1.80	27.75	3577.75
	07/20/04	3605.50	29.11	27.47	1.64	1.31	27.80	3577.70
	10/25/04	3605.50	25.79	25.16	0.63	0.50	25.29	3580.21
	01/24/05	3605.50	25.12	25.10	0.02	0.02	25.10	3580.40
	02/14/05	3605.50	26.02	24.86	1.16	0.93	25.09	3580.41
	03/02/05	3605.50	26.49	24.62	1.87	1.50	24.99	3580.51
	03/08/05	3605.50	26.41	24.58	1.83	1.46	24.95	3580.55
	03/23/05	3605.50	26.56	24.45	2.11	1.69	24.87	3580.63
	04/18/05	3605.50	25.84	24.58	1.26	1.01	24.83	3580.67
	05/09/05	3605.50	26.14	24.54	1.60	1.28	24.86	3580.64
	06/10/05	3605.50	26.18	24.25	1.93	1.54	24.64	3580.86
	07/18/05	3605.50	25.47	24.75	0.72	0.58	24.89	3580.61
	10/17/05	3605.50	24.79	24.78	0.01	0.01	24.78	3580.72
	11/29/05	3605.50	24.94		0.00	0.00	24.94	3580.56
	12/06/05	3605.50	24.88	24.87	0.01	0.01	24.87	3580.63
	12/12/05	3605.50	24.92	24.91	0.01	0.01	24.91	3580.59
	12/21/05	3605.50	24.94		0.00	0.00	24.94	3580.56
	12/28/05	3605.50	24.95		0.00	0.00	24.95	3580.55
	01/04/06	3605.50	25.01		0.00	0.00	25.01	3580.49
	01/10/06	3605.50	25.01		0.00	0.00	25.01	3580.49
	01/16/06	3605.50	25.04	25.03	0.01	0.01	25.03	3580.47
	01/23/06	3605.50	25.01	24.99	0.02	0.02	24.99	3580.51
	02/01/06	3605.50	25.12	25.11	0.01	0.01	25.11	3580.39
	02/16/06	3605.50	25.19	25.18	0.01	0.01	25.18	3580.32
	03/06/06	3605.50	25.27	25.25	0.02	0.02	25.25	3580.25
	03/29/06	3605.50	25.34	25.33	0.01	0.01	25.33	3580.17
	04/04/06	3605.50	25.37	25.36	0.01	0.01	25.36	3580.14
	04/11/06	3605.50	25.42	25.41	0.01	0.01	25.41	3580.09
	04/17/06	3605.50	25.44	25.42	0.02	0.02	25.42	3580.08
	04/24/06	3605.50	25.39	25.36	0.03	0.02	25.37	3580.13
	05/03/06	3605.50	25.51	25.49	0.02	0.02	25.49	3580.01
	05/31/06	3605.50	25.65	25.62	0.03	0.02	25.63	3579.87
	06/09/06	3605.50	25.71	25.66	0.05	0.04	25.67	3579.83
	06/12/06	3605.50	25.73	25.67	0.06	0.05	25.68	3579.82
	06/26/06	3605.50	25.84	25.74	0.10	0.08	25.76	3579.74
	07/05/06	3605.50	25.91	25.81	0.10	0.08	25.83	3579.67
	07/10/06	3605.50	25.92	25.61	0.31	0.25	25.67	3579.83
	07/17/06	3605.50	25.88	25.86	0.02	0.02	25.86	3579.64
	07/24/06	3605.50	25.79	25.75	0.04	0.03	25.76	3579.74
	08/02/06	3605.50	25.94	25.93	0.01	0.01	25.93	3579.57
	08/14/06	3605.50	25.99	25.96	0.03	0.02	25.97	3579.53
	08/28/06	3605.50	26.07	26.02	0.05	0.04	26.03	3579.47

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (RW-5) cont.	09/14/06	3605.50	25.92	25.91	0.01	0.01	25.91	3579.59
	09/21/06	3605.50	26.06	25.75	0.31	0.25	25.81	3579.69
	09/25/06	3605.50	26.15	25.76	0.39	0.31	25.84	3579.66
	10/02/06	3605.50	25.89	25.77	0.12	0.10	25.79	3579.71
	10/10/06	3605.50	25.89	25.77	0.12	0.10	25.79	3579.71
	10/16/06	3605.50	25.99	25.78	0.21	0.17	25.82	3579.68
	10/23/06	3605.50	25.80	25.60	0.20	0.16	25.64	3579.86
	10/30/06	3605.50	25.86	24.92	0.94	0.75	25.11	3580.39
	11/06/06	3605.50	26.01	25.73	0.28	0.22	25.79	3579.71
	11/21/06	3605.50	25.93	25.79	0.14	0.11	25.82	3579.68
	11/28/06	3605.50	25.95	25.74	0.21	0.17	25.78	3579.72
	12/05/06	3605.50	26.04	25.75	0.29	0.23	25.81	3579.69
	12/11/06	3605.50	26.11	25.75	0.36	0.29	25.82	3579.68
	12/18/06	3605.50	26.19	25.75	0.44	0.35	25.84	3579.66
	01/02/07	3605.50	26.16	25.83	0.33	0.26	25.90	3579.60
	01/08/07	3605.50	26.14	25.81	0.33	0.26	25.88	3579.62
	01/23/07	3605.50	26.06	25.61	0.45	0.36	25.70	3579.80
	02/05/07	3605.50	26.36	25.88	0.48	0.38	25.98	3579.52
	02/26/07	3605.50	26.57	25.92	0.65	0.52	26.05	3579.45
	03/05/07	3605.50	26.63	25.96	0.67	0.54	26.09	3579.41
	03/13/07	3605.50	26.37	26.02	0.35	0.28	26.09	3579.41
	03/19/07	3605.50	26.41	26.03	0.38	0.30	26.11	3579.39
	03/26/07	3605.50	26.48	26.06	0.42	0.34	26.14	3579.36
	04/02/07	3605.50	26.48	26.08	0.40	0.32	26.16	3579.34
	04/23/07	3605.50	26.43	25.92	0.51	0.41	26.02	3579.48
	05/01/07	3605.50	26.55	26.20	0.35	0.28	26.27	3579.23
	05/29/07	3605.50	26.59	26.21	0.38	0.30	26.29	3579.21
	06/04/07	3605.50	26.89	26.21	0.68	0.54	26.35	3579.15
	06/11/07	3605.50	26.61	26.23	0.38	0.30	26.31	3579.19
	06/18/07	3605.50	26.61	26.24	0.37	0.30	26.31	3579.19
	06/26/07	3605.50	26.39	26.00	0.39	0.31	26.08	3579.42
	07/09/07	3605.50	26.42	26.04	0.38	0.30	26.12	3579.38
	07/17/07	3605.50	26.35	26.04	0.31	0.25	26.10	3579.40
	07/23/07	3605.50	26.42	26.05	0.37	0.30	26.12	3579.38
	07/30/07	3605.50	26.31	26.07	0.24	0.19	26.12	3579.38
	08/07/07	3605.50	26.37	26.07	0.30	0.24	26.13	3579.37
	08/20/07	3605.50	26.41	26.10	0.31	0.25	26.16	3579.34
	08/27/07	3605.50	26.44	26.11	0.33	0.26	26.18	3579.32
	09/04/07	3605.50	26.43	26.12	0.31	0.25	26.18	3579.32
	09/10/07	3605.50	26.47	26.12	0.35	0.28	26.19	3579.31
	09/25/07	3605.50	26.43	26.21	0.22	0.18	26.25	3579.25
	10/02/07	3605.50	26.32	26.17	0.15	0.12	26.20	3579.30
	10/11/07	3605.50	26.34	26.20	0.14	0.11	26.23	3579.27
	10/22/07	3605.50	26.28	26.06	0.22	0.18	26.10	3579.40
	10/31/07	3605.50	26.27	26.14	0.13	0.10	26.17	3579.33
	11/12/07	3605.50	26.30	26.14	0.16	0.13	26.17	3579.33
	11/19/07	3605.50	26.33	26.14	0.19	0.15	26.18	3579.32
	12/05/07	3605.50	26.35	26.16	0.19	0.15	26.20	3579.30
	12/10/07	3605.50	26.35	26.16	0.19	0.15	26.20	3579.30
	12/20/07	3605.50	26.40	26.21	0.19	0.15	26.25	3579.25
	01/02/08	3605.50	26.47	26.29	0.18	0.14	26.33	3579.17
	01/07/08	3605.50	26.53	26.26	0.27	0.22	26.31	3579.19
	01/28/08	3605.50	26.37	26.14	0.23	0.18	26.19	3579.31
	02/12/08	3605.50	26.51	26.39	0.12	0.10	26.41	3579.09
	02/26/08	3605.50	26.54	26.43	0.11	0.09	26.45	3579.05
	04/21/08	3605.50	26.46	26.38	0.08	0.06	26.40	3579.10
	04/28/08	3605.50	26.63	26.61	0.02	0.02	26.61	3578.89
	05/20/08	3605.50	26.70	26.66	0.04	0.03	26.67	3578.83
	06/02/08	3605.50	26.73	26.70	0.03	0.02	26.71	3578.79
	06/09/08	3605.50	26.83	26.77	0.06	0.05	26.78	3578.72
	06/16/08	3605.50	26.78	26.75	0.03	0.02	26.76	3578.74
	06/30/08	3605.50	26.84	26.82	0.02	0.02	26.82	3578.68
	07/14/08	3605.50	26.90	26.88	0.02	0.02	26.88	3578.62
	07/21/08	3605.50	26.72	26.69	0.03	0.02	26.70	3578.80
	08/06/08	3605.50	27.02	26.96	0.06	0.05	26.97	3578.53
	08/18/08	3605.50	27.06	27.02	0.04	0.03	27.03	3578.47

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (RW-5) cont.	09/09/08	3605.50	27.06		0.00	0.00	27.06	3578.44
	09/15/08	3605.50	27.08		0.00	0.00	27.08	3578.42
	09/22/08	3605.50	27.11		0.00	0.00	27.11	3578.39
	09/29/08	3605.50	27.15		0.00	0.00	27.15	3578.35
	10/07/08	3605.50	27.20		0.00	0.00	27.20	3578.30
	10/20/08	3605.50	26.92		0.00	0.00	26.92	3578.58
	10/28/08	3605.50	27.22		0.00	0.00	27.22	3578.28
	11/07/08	3605.50	27.23		0.00	0.00	27.23	3578.27
	11/24/08	3605.50	27.22		0.00	0.00	27.22	3578.28
	12/01/08	3605.50	27.23		0.00	0.00	27.23	3578.27
	12/08/08	3605.50	27.24		0.00	0.00	27.24	3578.26
	12/24/08	3605.50	27.28		0.00	0.00	27.28	3578.22
	12/29/08	3605.50	27.29		0.00	0.00	27.29	3578.21
	01/06/09	3605.50	27.34		0.00	0.00	27.34	3578.16
	01/14/09	3605.50	27.29		0.00	0.00	27.29	3578.21
	01/19/09	3605.50	27.03	27.02	0.01	0.01	27.02	3578.48
	01/26/09	3605.50	27.37		0.00	0.00	27.37	3578.13
	02/10/09	3605.50	27.41		0.00	0.00	27.41	3578.09
	02/26/09	3605.50	27.43		0.00	0.00	27.43	3578.07
	03/02/09	3605.50	27.41		0.00	0.00	27.41	3578.09
MW-8 (SVE-5)	03/01/01	3605.25	24.29		0.00	0.00	24.29	3580.96
	06/25/01	3605.25	25.54		0.00	0.00	25.54	3579.71
	09/25/01	3605.25	24.82		0.00	0.00	24.82	3580.43
	12/11/01	3605.25	25.03		0.00	0.00	25.03	3580.22
	05/21/02	3605.25	25.40		0.00	0.00	25.40	3579.85
	06/08/02	3605.25	25.45		0.00	0.00	25.45	3579.80
	06/15/02	3605.25	25.47		0.00	0.00	25.47	3579.78
	10/15/02	3604.92	26.25		0.00	0.00	26.25	3578.67
	10/25/02	3604.92	26.26		0.00	0.00	26.26	3578.66
	10/26/02	3604.92	26.25		0.00	0.00	26.25	3578.67
	11/04/02	3604.92	26.00		0.00	0.00	26.00	3578.92
	11/05/02	3604.92	25.99		0.00	0.00	25.99	3578.93
	12/16/02	3604.92	25.85		0.00	0.00	25.85	3579.07
	02/14/03	3604.92	25.91	25.90	0.01	0.01	25.90	3579.02
	02/24/03	3604.92	26.00	25.95	0.05	0.04	25.96	3578.96
	01/22/03	3604.92	25.70		0.00	0.00	25.70	3579.22
	04/07/03	3604.92	26.11	26.00	0.11	0.09	26.02	3578.90
	04/24/03	3604.92	26.11	26.01	0.10	0.08	26.03	3578.89
	06/25/03	3604.92	26.96	26.39	0.57	0.46	26.50	3578.42
	09/11/03	3604.92	27.13	26.58	0.55	0.44	26.69	3578.23
	11/05/03	3604.92	26.51	26.18	0.33	0.26	26.25	3578.67
	01/19/04	3604.92	27.59	27.00	0.59	0.47	27.12	3577.80
	04/20/04	3604.92	27.56	27.11	0.45	0.36	27.20	3577.72
	07/20/04	3604.92	27.40	27.06	0.34	0.27	27.13	3577.79
	10/25/04	3604.92	26.49	25.33	1.16	0.93	25.56	3579.36
	01/24/05	3604.92	25.16	24.22	0.94	0.75	24.41	3580.51
	02/14/05	3604.92	24.96	23.85	1.11	0.89	24.07	3580.85
	03/02/05	3604.92	24.87	23.78	1.09	0.87	24.00	3580.92
	03/08/05	3604.92	24.84	23.84	1.00	0.80	24.04	3580.88
	03/23/05	3604.92	24.81	23.80	1.01	0.81	24.00	3580.92
	04/18/05	3604.92	24.79	23.89	0.90	0.72	24.07	3580.85
	05/09/05	3604.92	24.59	23.62	0.97	0.78	23.81	3581.11
	06/10/05	3604.92	24.52	23.55	0.97	0.78	23.74	3581.18
	07/18/05	3604.92	24.81	23.99	0.82	0.66	24.15	3580.77
	10/17/05	3604.92	24.72	23.91	0.81	0.65	24.07	3580.85
	12/06/05	3604.92	24.68	23.92	0.76	0.61	24.07	3580.85
	12/12/05	3604.92	24.45	23.83	0.62	0.50	23.95	3580.97
	12/21/05	3604.92	24.86	24.06	0.80	0.64	24.22	3580.70
	12/28/05	3604.92	24.85	24.06	0.79	0.63	24.22	3580.70
	01/04/06	3604.92	24.93	24.14	0.79	0.63	24.30	3580.62
	01/10/06	3604.92	24.93	24.15	0.78	0.62	24.31	3580.61
	01/16/06	3604.92	24.92	24.17	0.75	0.60	24.32	3580.60
	01/23/06	3604.92	24.96	24.13	0.83	0.66	24.30	3580.62
	02/01/06	3604.92	25.01	24.24	0.77	0.62	24.39	3580.53
	02/16/06	3604.92	25.08	24.32	0.76	0.61	24.47	3580.45
	03/06/06	3604.92	25.17	24.42	0.75	0.60	24.57	3580.35

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (SVE-5) cont.	03/29/06	3604.92	25.27	24.52	0.75	0.60	24.67	3580.25
	04/04/06	3604.92	25.29	24.56	0.73	0.58	24.71	3580.21
	04/11/06	3604.92	25.34	24.60	0.74	0.59	24.75	3580.17
	04/17/06	3604.92	25.35	24.62	0.73	0.58	24.77	3580.15
	04/24/06	3604.92	25.39	24.55	0.84	0.67	24.72	3580.20
	05/03/06	3604.92	25.45	24.69	0.76	0.61	24.84	3580.08
	05/31/06	3604.92	25.92	24.83	1.09	0.87	25.05	3579.87
	06/09/06	3604.92	25.01	25.00	0.01	0.01	25.00	3579.92
	06/12/06	3604.92	25.04	25.03	0.01	0.01	25.03	3579.89
	06/26/06	3604.92	25.12	25.11	0.01	0.01	25.11	3579.81
	07/05/06	3604.92	25.19	25.18	0.01	0.01	25.18	3579.74
	07/10/06	3604.92	25.20	25.20	0.00	0.00	25.20	3579.72
	07/17/06	3604.92	25.18	25.16	0.02	0.02	25.16	3579.76
	07/24/06	3604.92	25.09	25.04	0.05	0.04	25.05	3579.87
	08/02/06	3604.92	25.28	25.23	0.05	0.04	25.24	3579.68
	08/14/06	3604.92	25.28	25.23	0.05	0.04	25.24	3579.68
	08/28/06	3604.92	25.38	25.33	0.05	0.04	25.34	3579.58
	09/14/06	3604.92	25.26	25.24	0.02	0.02	25.24	3579.68
	09/21/06	3604.92	25.75	25.70	0.05	0.04	25.71	3579.21
	09/25/06	3604.92	25.11	25.11	0.00	0.00	25.11	3579.81
	10/02/06	3604.92	25.82	25.82	0.00	0.00	25.82	3579.10
	10/10/06	3604.92	24.82		0.00	0.00	24.82	3580.10
	10/16/06	3604.92	25.14	25.08	0.06	0.05	25.09	3579.83
	10/23/06	3604.92	24.92	24.89	0.03	0.02	24.90	3580.02
	10/30/06	3604.92	25.01	25.01	0.00	0.00	25.01	3579.91
	11/06/06	3604.92	25.01		0.00	0.00	25.01	3579.91
	11/21/06	3604.92	25.03		0.00	0.00	25.03	3579.89
	11/28/06	3604.92	25.01		0.00	0.00	25.01	3579.91
	12/05/06	3604.92	25.01		0.00	0.00	25.01	3579.91
	12/11/06	3604.92	25.02		0.00	0.00	25.02	3579.90
	12/18/06	3604.92	25.04		0.00	0.00	25.04	3579.88
	01/02/07	3604.92	25.09		0.00	0.00	25.09	3579.83
	01/08/07	3604.92	25.04		0.00	0.00	25.04	3579.88
	01/23/07	3604.92	24.91		0.00	0.00	24.91	3580.01
	02/05/07	3604.92	25.19		0.00	0.00	25.19	3579.73
	02/26/07	3604.92	25.24	25.24	0.00	0.00	25.24	3579.68
	03/05/07	3604.92	25.32	25.32	0.00	0.00	25.32	3579.60
	03/13/07	3604.92	25.35	25.35	0.00	0.00	25.35	3579.57
	03/19/07	3604.92	25.37	25.37	0.00	0.00	25.37	3579.55
	03/26/07	3604.92	25.41	25.41	0.00	0.00	25.41	3579.51
	04/02/07	3604.92	25.42	25.42	0.00	0.00	25.42	3579.50
	04/23/07	3604.92	25.24	25.24	0.00	0.00	25.24	3579.68
	05/01/07	3604.92	25.52	25.52	0.00	0.00	25.52	3579.40
	05/29/07	3604.92	25.54	25.54	0.00	0.00	25.54	3579.38
	06/04/07	3604.92	25.55	25.55	0.00	0.00	25.55	3579.37
	06/11/07	3604.92	25.56		0.00	0.00	25.56	3579.36
	06/18/07	3604.92	25.56		0.00	0.00	25.56	3579.36
	06/26/07	3604.92	25.29		0.00	0.00	25.29	3579.63
	07/09/07	3604.92	25.33		0.00	0.00	25.33	3579.59
	07/17/07	3604.92	25.33		0.00	0.00	25.33	3579.59
	07/23/07	3604.92	25.35	25.35	0.00	0.00	25.35	3579.57
	07/30/07	3604.92	25.34		0.00	0.00	25.34	3579.58
	08/07/07	3604.92	25.35		0.00	0.00	25.35	3579.57
	08/20/07	3604.92	25.37		0.00	0.00	25.37	3579.55
	08/27/07	3604.92	25.40		0.00	0.00	25.40	3579.52
	09/04/07	3604.92	25.41		0.00	0.00	25.41	3579.51
	09/10/07	3604.92	25.46	25.46	0.00	0.00	25.46	3579.46
	09/25/07	3604.92	25.46	25.45	0.01	0.01	25.45	3579.47
	10/02/07	3604.92	25.41	25.41	0.00	0.00	25.41	3579.51
	10/11/07	3604.92	25.41	25.41	0.00	0.00	25.41	3579.51
	10/22/07	3604.92	25.31	25.30	0.01	0.01	25.30	3579.62
	10/31/07	3604.92	25.36		0.00	0.00	25.36	3579.56
	11/12/07	3604.92	25.33		0.00	0.00	25.33	3579.59
	11/19/07	3604.92	25.35		0.00	0.00	25.35	3579.57
	12/05/07	3604.92	25.38		0.00	0.00	25.38	3579.54
	12/10/07	3604.92	25.44		0.00	0.00	25.44	3579.48

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (SVE-5) cont.	12/20/07	3604.92	25.44		0.00	0.00	25.44	3579.48
	01/02/08	3604.92	25.51		0.00	0.00	25.51	3579.41
	01/07/08	3604.92	25.50		0.00	0.00	25.50	3579.42
	01/28/08	3604.92	25.40	25.39	0.01	0.01	25.39	3579.53
	02/12/08	3604.92	25.65	25.65	0.00	0.00	25.65	3579.27
	02/26/08	3604.92	25.70	25.70	0.00	0.00	25.70	3579.22
	04/21/08	3604.92	25.66	25.65	0.01	0.01	25.65	3579.27
	04/28/08	3604.92	25.84		0.00	0.00	25.84	3579.08
	05/20/08	3604.92	25.94		0.00	0.00	25.94	3578.98
	06/02/08	3604.92	25.99		0.00	0.00	25.99	3578.93
	06/09/08	3604.92	26.08	26.05	0.03	0.02	26.06	3578.86
	06/16/08	3604.92	26.04	26.04	0.00	0.00	26.04	3578.88
	06/30/08	3604.92	26.11		0.00	0.00	26.11	3578.81
	07/14/08	3604.92	25.18		0.00	0.00	25.18	3579.74
	07/21/08	3604.92	26.04	25.98	0.06	0.05	25.99	3578.93
	08/06/08	3604.92	26.29	26.28	0.01	0.01	26.28	3578.64
	08/18/08	3604.92	26.39	26.33	0.06	0.05	26.34	3578.58
	09/09/08	3604.92	26.41		0.00	0.00	26.41	3578.51
	09/15/08	3604.92	26.42		0.00	0.00	26.42	3578.50
	09/22/08	3604.92	26.45		0.00	0.00	26.45	3578.47
	09/29/08	3604.92	26.49		0.00	0.00	26.49	3578.43
	10/07/08	3604.92	26.52		0.00	0.00	26.52	3578.40
	10/20/08	3604.92	26.27	26.23	0.04	0.03	26.24	3578.68
	10/28/08	3604.92	26.55		0.00	0.00	26.55	3578.37
	11/28/08	3604.92	26.54		0.00	0.00	26.54	3578.38
	12/01/08	3604.92	26.53		0.00	0.00	26.53	3578.39
	12/08/08	3604.92	26.54		0.00	0.00	26.54	3578.38
	12/24/08	3604.92	26.57		0.00	0.00	26.57	3578.35
	12/29/08	3604.92	26.60		0.00	0.00	26.60	3578.32
	01/06/09	3604.92	26.64		0.00	0.00	26.64	3578.28
	01/14/09	3604.92	26.63		0.00	0.00	26.63	3578.29
	01/19/09	3604.92	26.36	26.35	0.01	0.01	26.35	3578.57
	01/26/09	3604.92	26.68		0.00	0.00	26.68	3578.24
	02/10/09	3604.92	26.73		0.00	0.00	26.73	3578.19
	02/26/09	3604.92	26.75		0.00	0.00	26.75	3578.17
	03/02/09	3604.92	26.76	26.75	0.01	0.01	26.75	3578.17
MW-9 (RW-2)	03/01/01	3605.75	26.82	23.68	3.14	2.51	24.31	3581.44
	06/25/01	3605.75	24.79	24.73	0.06	0.05	24.74	3581.01
	09/25/01	3605.75	26.28	25.90	0.38	0.30	25.98	3579.77
	12/11/01	3605.75	28.73	25.49	3.24	2.59	26.14	3579.61
	05/22/02	3605.75	27.64	26.19	1.45	1.16	26.48	3579.27
	11/05/02	3605.75	29.15	25.83	3.32	2.66	26.49	3579.26
	02/25/03	3605.75	28.62	26.38	2.24	1.79	26.83	3578.92
	04/09/03	3605.75	28.24	26.30	1.94	1.55	26.69	3579.06
	04/22/03	3605.75	28.95	26.30	2.65	2.12	26.83	3578.92
	06/25/03	3605.75	29.08	27.02	2.06	1.65	27.43	3578.32
	09/11/03	3605.75	29.25	27.22	2.03	1.62	27.63	3578.12
	11/05/03	3605.75	29.30	27.35	1.95	1.56	27.74	3578.01
	01/19/04	3605.75	29.94	28.50	1.44	1.15	28.79	3576.96
	04/20/04	3605.75	29.04	28.91	0.13	0.10	28.94	3576.81
	07/20/04	3605.75	30.09	28.58	1.51	1.21	28.88	3576.87
	10/25/04	3605.75	27.34	27.22	0.12	0.10	27.24	3578.51
	12/29/04	3605.75	26.45	26.44	0.01	0.01	26.44	3579.31
	01/24/05	3605.75	26.23		0.00	0.00	26.23	3579.52
	02/14/05	3605.75	26.13		0.00	0.00	26.13	3579.62
	03/02/05	3605.75	26.12		0.00	0.00	26.12	3579.63
	03/08/05	3605.75	26.09		0.00	0.00	26.09	3579.66
	03/23/05	3605.75	26.03		0.00	0.00	26.03	3579.72
	04/18/05	3605.75	25.90		0.00	0.00	25.90	3579.85
	05/09/05	3605.75	25.93		0.00	0.00	25.93	3579.82
	06/10/05	3605.75	25.91		0.00	0.00	25.91	3579.84
	07/18/05	3605.75	25.94		0.00	0.00	25.94	3579.81
	10/17/05	3605.75	25.85		0.00	0.00	25.85	3579.90
	12/28/05	3605.75	25.99		0.00	0.00	25.99	3579.76
	01/23/06	3605.75	26.04	26.03	0.01	0.01	26.03	3579.72
	04/24/06	3605.75	26.44	26.43	0.01	0.01	26.43	3579.32

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (RW-2) cont.	07/24/06	3605.75	26.80	26.79	0.01	0.01	26.79	3578.96
	10/23/06	3605.75	26.65		0.00	0.00	26.65	3579.10
	01/23/07	3605.75	26.69		0.00	0.00	26.69	3579.06
	04/23/07	3605.75	27.00	26.99	0.01	0.01	26.99	3578.76
	07/23/07	3605.75	27.14	27.14	0.00	0.00	27.14	3578.61
	10/22/07	3605.75	27.14	27.14	0.00	0.00	27.14	3578.61
	01/28/08	3605.75	27.19	27.19	0.00	0.00	27.19	3578.56
	04/21/08	3605.75	27.43		0.00	0.00	27.43	3578.32
	07/21/08	3605.75	27.72		0.00	0.00	27.72	3578.03
	10/20/08	3605.75	27.97	27.96	0.01	0.01	27.96	3577.79
	01/19/09	3605.75	28.12		0.00	0.00	28.12	3577.63
MW-10 (RW-6)	03/01/01	3604.94	25.57	23.53	2.04	1.63	23.94	3581.00
	06/25/01	3604.94	25.95	23.75	2.20	1.76	24.19	3580.75
	09/25/01	3604.94	24.47		0.00	0.00	24.47	3580.47
	12/11/01	3604.94	26.31	24.27	2.04	1.63	24.68	3580.26
	05/22/02	3604.94	25.50	25.00	0.50	0.40	25.10	3579.84
	11/05/02	3604.94	28.84	25.33	3.51	2.81	26.03	3578.91
	02/25/03	3604.94	28.41	25.26	3.15	2.52	25.89	3579.05
	04/09/03	3604.94	28.15	25.48	2.67	2.14	26.01	3578.93
	06/25/03	3604.94	27.73	25.96	1.77	1.42	26.31	3578.63
	09/11/03	3604.94	28.36	26.34	2.02	1.62	26.74	3578.20
	11/05/03	3604.94	28.17	26.20	1.97	1.58	26.59	3578.35
	01/19/04	3604.94	28.36	26.30	2.06	1.65	26.71	3578.23
	04/20/04	3604.94	28.49	26.53	1.96	1.57	26.92	3578.02
	07/20/04	3604.94	28.03	26.72	1.31	1.05	26.98	3577.96
	10/25/04	3604.94	26.36	25.24	1.12	0.90	25.46	3579.48
	01/24/05	3604.94	24.57	24.14	0.43	0.34	24.23	3580.71
	02/14/05	3604.94	24.96	23.99	0.97	0.78	24.18	3580.76
	03/02/05	3604.94	24.64	24.00	0.64	0.51	24.13	3580.81
	03/08/05	3604.94	24.61	23.97	0.64	0.51	24.10	3580.84
	03/23/05	3604.94	24.58	23.91	0.67	0.54	24.04	3580.90
	04/18/05	3604.94	24.47	23.77	0.70	0.56	23.91	3581.03
	05/09/05	3604.94	24.51	23.82	0.69	0.55	23.96	3580.98
	06/10/05	3604.94	24.50	23.81	0.69	0.55	23.95	3580.99
	07/18/05	3604.94	24.51	23.90	0.61	0.49	24.02	3580.92
	10/17/05	3604.94	24.32	23.89	0.43	0.34	23.98	3580.96
	11/29/05	3604.94	24.22	24.08	0.14	0.11	24.11	3580.83
	12/06/05	3604.94	24.37	24.08	0.29	0.23	24.14	3580.80
	12/12/05	3604.94	24.44	24.11	0.33	0.26	24.18	3580.76
	12/21/05	3604.94	24.46	24.11	0.35	0.28	24.18	3580.76
	12/28/05	3604.94	24.49	24.12	0.37	0.30	24.19	3580.75
	01/04/06	3604.94	24.47	24.11	0.36	0.29	24.18	3580.76
	01/10/06	3604.94	24.49	24.12	0.37	0.30	24.19	3580.75
	01/16/06	3604.94	24.48	24.02	0.46	0.37	24.11	3580.83
	01/23/06	3604.94	24.42	23.99	0.43	0.34	24.08	3580.86
	02/01/06	3604.94	24.44	24.12	0.32	0.26	24.18	3580.76
	02/16/06	3604.94	24.52	24.24	0.28	0.22	24.30	3580.64
	03/06/06	3604.94	24.62	24.33	0.29	0.23	24.39	3580.55
	03/29/06	3604.94	24.72	24.42	0.30	0.24	24.48	3580.46
	04/04/06	3604.94	24.73	24.45	0.28	0.22	24.51	3580.43
	04/11/06	3604.94	24.76	24.49	0.27	0.22	24.54	3580.40
	04/17/06	3604.94	24.77	24.53	0.24	0.19	24.58	3580.36
	04/24/06	3604.94	24.66	24.47	0.19	0.15	24.51	3580.43
	05/03/06	3604.94	24.66	24.62	0.04	0.03	24.63	3580.31
	05/31/06	3604.94	24.80	24.76	0.04	0.03	24.77	3580.17
	06/09/06	3604.94	24.84	24.80	0.04	0.03	24.81	3580.13
	06/12/06	3604.94	24.85	24.81	0.04	0.03	24.82	3580.12
	06/26/06	3604.94	24.96	24.88	0.08	0.06	24.90	3580.04
	07/05/06	3604.94	25.02	24.93	0.09	0.07	24.95	3579.99
	07/10/06	3604.94	25.04	24.95	0.09	0.07	24.97	3579.97
	07/17/06	3604.94	25.06	24.97	0.09	0.07	24.99	3579.95
	07/24/06	3604.94	24.99	24.87	0.12	0.10	24.89	3580.05
	08/02/06	3604.94	25.14	25.06	0.08	0.06	25.08	3579.86
	08/14/06	3604.94	25.08	25.08	0.00	0.00	25.08	3579.86
	08/28/06	3604.94	25.27	25.14	0.13	0.10	25.17	3579.77
	09/14/06	3604.94	25.16	25.05	0.11	0.09	25.07	3579.87

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-10 (RW-6) cont.	09/21/06	3604.94	25.08	25.02	0.06	0.05	25.03	3579.91
	09/25/06	3604.94	25.08	25.03	0.05	0.04	25.04	3579.90
	10/02/06	3604.94	25.02	24.98	0.04	0.03	24.99	3579.95
	10/10/06	3604.94	25.01	24.98	0.03	0.02	24.99	3579.95
	10/16/06	3604.94	25.01	24.97	0.04	0.03	24.98	3579.96
	10/23/06	3604.94	24.80	24.75	0.05	0.04	24.76	3580.18
	10/30/06	3604.94	24.96	24.92	0.04	0.03	24.93	3580.01
	11/06/06	3604.94	24.97	24.93	0.04	0.03	24.94	3580.00
	11/21/06	3604.94	24.97	24.91	0.06	0.05	24.92	3580.02
	11/28/06	3604.94	24.96	24.92	0.04	0.03	24.93	3580.01
	12/05/06	3604.94	24.96	24.91	0.05	0.04	24.92	3580.02
	12/11/06	3604.94	24.94	24.89	0.05	0.04	24.90	3580.04
	12/18/06	3604.94	24.98	24.89	0.09	0.07	24.91	3580.03
	01/02/07	3604.94	25.07	24.97	0.10	0.08	24.99	3579.95
	01/08/07	3604.94	25.09	25.01	0.08	0.06	25.03	3579.91
	01/23/07	3604.94	24.82	24.77	0.05	0.04	24.78	3580.16
	02/05/07	3604.94	25.20	25.08	0.12	0.10	25.10	3579.84
	02/26/07	3604.94	25.29	25.14	0.15	0.12	25.17	3579.77
	03/05/07	3604.94	25.32	25.18	0.14	0.11	25.21	3579.73
	03/13/07	3604.94	25.33	25.20	0.13	0.10	25.23	3579.71
	03/19/07	3604.94	25.37	25.24	0.13	0.10	25.27	3579.67
	03/26/07	3604.94	25.36	25.24	0.12	0.10	25.26	3579.68
	04/02/07	3604.94	25.40	25.27	0.13	0.10	25.30	3579.64
	04/23/07	3604.94	25.23	25.09	0.14	0.11	25.12	3579.82
	05/01/07	3604.94	25.47	25.36	0.11	0.09	25.38	3579.56
	05/29/07	3604.94	25.53	25.42	0.11	0.09	25.44	3579.50
	06/04/07	3604.94	25.52	25.43	0.09	0.07	25.45	3579.49
	06/11/07	3604.94	25.52	25.44	0.08	0.06	25.46	3579.48
	06/18/07	3604.94	25.52	25.43	0.09	0.07	25.45	3579.49
	06/26/07	3604.94	25.24	25.18	0.06	0.05	25.19	3579.75
	07/09/07	3604.94	25.26	25.20	0.06	0.05	25.21	3579.73
	07/17/07	3604.94	25.28	25.23	0.05	0.04	25.24	3579.70
	07/23/07	3604.94	25.28	25.18	0.10	0.08	25.20	3579.74
	07/30/07	3604.94	25.27	25.22	0.05	0.04	25.23	3579.71
	08/07/07	3604.94	25.28	25.24	0.04	0.03	25.25	3579.69
	08/20/07	3604.94	25.34	25.24	0.10	0.08	25.26	3579.68
	08/27/07	3604.94	25.36	25.28	0.08	0.06	25.30	3579.64
	09/04/07	3604.94	25.35	25.31	0.04	0.03	25.32	3579.62
	09/10/07	3604.94	25.33	25.29	0.04	0.03	25.30	3579.64
	09/25/07	3604.94	25.37	25.35	0.02	0.02	25.35	3579.59
	10/02/07	3604.94	25.38	25.35	0.03	0.02	25.36	3579.58
	10/11/07	3604.94	25.31	25.28	0.03	0.02	25.29	3579.65
	10/22/07	3604.94	25.23	25.17	0.06	0.05	25.18	3579.76
	10/31/07	3604.94	25.31	25.30	0.01	0.01	25.30	3579.64
	11/12/07	3604.94	25.27	25.26	0.01	0.01	25.26	3579.68
	11/19/07	3604.94	25.31	25.30	0.01	0.01	25.30	3579.64
	12/05/07	3604.94	25.31	25.29	0.02	0.02	25.29	3579.65
	12/10/07	3604.94	25.35	25.32	0.03	0.02	25.33	3579.61
	12/20/07	3604.94	25.37	25.35	0.02	0.02	25.35	3579.59
	01/02/08	3604.94	25.44	25.43	0.01	0.01	25.43	3579.51
	01/07/08	3604.94	25.50	25.43	0.07	0.06	25.44	3579.50
	01/28/08	3604.94	25.36	25.26	0.10	0.08	25.28	3579.66
	02/12/08	3604.94	25.58	25.56	0.02	0.02	25.56	3579.38
	02/26/08	3604.94	25.63	25.60	0.03	0.02	25.61	3579.33
	04/21/08	3604.94	25.51	25.50	0.01	0.01	25.50	3579.44
	04/28/08	3604.94	25.80	25.77	0.03	0.02	25.78	3579.16
	05/20/08	3604.94	25.83	25.81	0.02	0.02	25.81	3579.13
	06/02/08	3604.94	25.86	25.85	0.01	0.01	25.85	3579.09
	06/09/08	3604.94	25.88	25.87	0.01	0.01	25.87	3579.07
	06/16/08	3604.94	25.97	25.97	0.00	0.00	25.97	3578.97
	06/30/08	3604.94	26.00	26.00	0.00	0.00	26.00	3578.94
	07/14/08	3604.94	26.07	26.07	0.00	0.00	26.07	3578.87
	07/21/08	3604.94	25.81		0.00	0.00	25.81	3579.13
	08/06/08	3604.94	26.30		0.00	0.00	26.30	3578.64
	08/18/08	3604.94	26.36		0.00	0.00	26.36	3578.58
	09/09/08	3604.94	26.35		0.00	0.00	26.35	3578.59

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-10 (RW-6) cont.	09/15/08	3604.94	26.30	26.30	0.00	0.00	26.30	3578.64
	09/22/08	3604.94	26.40		0.00	0.00	26.40	3578.54
	09/29/08	3604.94	26.45		0.00	0.00	26.45	3578.49
	10/07/08	3604.94	26.51		0.00	0.00	26.51	3578.43
	10/20/08	3604.94	26.28	26.24	0.04	0.03	26.25	3578.69
	10/28/08	3604.94	26.54		0.00	0.00	26.54	3578.40
	11/10/08	3604.94	26.51		0.00	0.00	26.51	3578.43
	11/24/08	3604.94	26.50		0.00	0.00	26.50	3578.44
	12/01/08	3604.94	26.49		0.00	0.00	26.49	3578.45
	12/08/08	3604.94	26.53		0.00	0.00	26.53	3578.41
	12/24/08	3604.94	26.52		0.00	0.00	26.52	3578.42
	12/29/08	3604.94	26.56		0.00	0.00	26.56	3578.38
	01/06/09	3604.94	26.63		0.00	0.00	26.63	3578.31
	01/14/09	3604.94	26.48		0.00	0.00	26.48	3578.46
	01/19/09	3604.94	26.33		0.00	0.00	26.33	3578.61
	01/26/09	3604.94	26.61		0.00	0.00	26.61	3578.33
	02/10/09	3604.94	26.70		0.00	0.00	26.70	3578.24
	02/26/09	3604.94	26.72		0.00	0.00	26.72	3578.22
	03/02/09	3604.94	26.66		0.00	0.00	26.66	3578.28
MW-11 (RW-7)	03/01/01	3608.06	27.09		0.00	0.00	27.09	3580.97
	06/25/01	3608.06	27.30		0.00	0.00	27.30	3580.76
	09/25/01	3608.06	28.26	27.51	0.75	0.60	27.66	3580.40
	12/11/01	3608.06	28.36	27.50	0.86	0.69	27.67	3580.39
	05/21/02	3608.06	29.67	27.60	2.07	1.66	28.01	3580.05
	06/16/02	3608.06	30.95	28.48	2.47	1.98	28.97	3579.09
	10/25/02	3608.06	30.73	27.90	2.83	2.26	28.47	3579.59
	11/04/02	3608.06	30.81	27.95	2.86	2.29	28.52	3579.54
	11/05/02	3608.06	30.97	27.92	3.05	2.44	28.53	3579.53
	02/24/03	3608.06	30.96	28.97	1.99	1.59	29.37	3578.69
	11/05/02	3608.06	30.57	29.83	0.74	0.59	29.98	3578.08
	02/25/03	3608.06	30.90	28.71	2.19	1.75	29.15	3578.91
	04/09/03	3608.06	30.96	28.97	1.99	1.59	29.37	3578.69
	09/11/03	3608.06	30.74	29.06	1.68	1.34	29.40	3578.66
	11/05/03	3608.06	31.25	29.82	1.43	1.14	30.11	3577.95
	01/19/04	3608.06	30.94	30.23	0.71	0.57	30.37	3577.69
	04/20/04	3608.06	30.53	30.48	0.05	0.04	30.49	3577.57
	07/20/04	3608.06	31.16	30.33	0.83	0.66	30.50	3577.56
	10/25/04	3608.06	29.10		0.00	0.00	29.10	3578.96
	01/24/05	3608.06	28.04	28.03	0.01	0.01	28.03	3580.03
	04/18/05	3608.06	27.75	27.73	0.02	0.02	27.73	3580.33
	07/18/05	3608.06	28.00	27.99	0.01	0.01	27.99	3580.07
	10/17/05	3608.06	27.90	27.89	0.01	0.01	27.89	3580.17
	12/28/05	3608.06	28.06	28.04	0.02	0.02	28.04	3580.02
	01/10/06	3608.06	28.10	28.09	0.01	0.01	28.09	3579.97
	01/23/06	3608.06	28.05	28.03	0.02	0.02	28.03	3580.03
	04/24/06	3608.06	28.44	28.40	0.04	0.03	28.41	3579.65
	07/24/06	3608.06	28.90	28.75	0.15	0.12	28.78	3579.28
	10/23/06	3608.06	28.74	28.65	0.09	0.07	28.67	3579.39
	01/23/07	3608.06	28.75	28.75	0.00	0.00	28.75	3579.31
	04/23/07	3608.06	29.11	28.99	0.12	0.10	29.01	3579.05
	07/23/07	3608.06	29.16	29.13	0.03	0.02	29.14	3578.92
	10/22/07	3608.06	29.18	29.16	0.02	0.02	29.16	3578.90
	01/28/08	3608.06	29.22	29.20	0.02	0.02	29.20	3578.86
	04/21/08	3608.06	29.44		0.00	0.00	29.44	3578.62
	07/21/08	3608.06	29.73		0.00	0.00	29.73	3578.33
	10/20/08	3608.06	29.95		0.00	0.00	29.95	3578.11
	01/19/09	3608.06	30.04		0.00	0.00	30.04	3578.02
MW-12 (SVE-9)	03/01/01	3604.40	23.87		0.00	0.00	23.87	3580.53
	06/25/01	3604.40	24.14		0.00	0.00	24.14	3580.26
	09/25/01	3604.40	24.38		0.00	0.00	24.38	3580.02
	12/11/01	3604.40	24.62		0.00	0.00	24.62	3579.78
	05/21/02	3604.40	24.96		0.00	0.00	24.96	3579.44
	06/08/02	3604.40	25.64		0.00	0.00	25.64	3578.76
	06/15/02	3604.40	25.64		0.00	0.00	25.64	3578.76
	10/25/02	3604.14	25.83		0.00	0.00	25.83	3578.31
	10/26/02	3604.14	25.84		0.00	0.00	25.84	3578.30

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (SVE-9) cont.	11/04/02	3604.14	25.66		0.00	0.00	25.66	3578.48
	11/05/02	3604.14	25.54		0.00	0.00	25.54	3578.60
	12/16/02	3604.14	25.52		0.00	0.00	25.52	3578.62
	01/22/03	3604.14	25.50		0.00	0.00	25.50	3578.64
	04/24/03	3604.14	25.58		0.00	0.00	25.58	3578.56
	09/11/03	3604.14	26.08		0.00	0.00	26.08	3578.06
	10/15/03	3604.14	26.33		0.00	0.00	26.33	3577.81
	01/19/04	3604.14	26.68		0.00	0.00	26.68	3577.46
	04/19/04	3604.14	26.57		0.00	0.00	26.57	3577.57
	07/20/04	3604.14	26.72		0.00	0.00	26.72	3577.42
	10/25/04	3604.14	25.07		0.00	0.00	25.07	3579.07
	01/24/05	3604.14	23.85		0.00	0.00	23.85	3580.29
	04/18/05	3604.14	23.55		0.00	0.00	23.55	3580.59
	07/18/05	3604.14	23.71		0.00	0.00	23.71	3580.43
	10/17/05	3604.14	23.65		0.00	0.00	23.65	3580.49
	01/10/06	3604.14	23.86		0.00	0.00	23.86	3580.28
	01/23/06	3604.14	23.89		0.00	0.00	23.89	3580.25
	04/24/06	3604.14	24.31		0.00	0.00	24.31	3579.83
	07/24/06	3604.14	24.70		0.00	0.00	24.70	3579.44
	10/23/06	3604.14	24.55		0.00	0.00	24.55	3579.59
	01/23/07	3604.14	24.60		0.00	0.00	24.60	3579.54
	04/23/07	3604.14	24.92		0.00	0.00	24.92	3579.22
	07/23/07	3604.14	25.02		0.00	0.00	25.02	3579.12
	10/22/07	3604.14	24.98		0.00	0.00	24.98	3579.16
	01/28/08	3604.14	25.09		0.00	0.00	25.09	3579.05
	04/21/08	3604.14	25.36		0.00	0.00	25.36	3578.78
	07/21/08	3604.14	25.70		0.00	0.00	25.70	3578.44
	10/20/08	3604.14	25.94		0.00	0.00	25.94	3578.20
	01/19/09	3604.14	26.00		0.00	0.00	26.00	3578.14
MW-13	03/01/01	3604.31	24.70		0.00	0.00	24.70	3579.61
	06/25/01	3604.31	24.95		0.00	0.00	24.95	3579.36
	09/25/01	3604.31	25.23		0.00	0.00	25.23	3579.08
	12/11/01	3604.31	25.48		0.00	0.00	25.48	3578.83
	05/21/02	3604.31	25.79		0.00	0.00	25.79	3578.52
	06/15/02	3604.31	25.85		0.00	0.00	25.85	3578.46
	09/20/02	3604.31	25.97		0.00	0.00	25.97	3578.34
	10/15/02	3604.31	26.11		0.00	0.00	26.11	3578.20
	10/22/02	3604.31	26.11		0.00	0.00	26.11	3578.20
	10/25/02	3604.31	26.13		0.00	0.00	26.13	3578.18
	10/26/02	3604.31	26.12		0.00	0.00	26.12	3578.19
	11/04/02	3604.31	26.05		0.00	0.00	26.05	3578.26
	11/05/02	3604.31	26.06		0.00	0.00	26.06	3578.25
	11/22/02	3604.31	26.01		0.00	0.00	26.01	3578.30
	11/29/02	3604.31	25.95		0.00	0.00	25.95	3578.36
	01/22/03	3604.31	25.88		0.00	0.00	25.88	3578.43
	02/14/03	3604.31	25.93		0.00	0.00	25.93	3578.38
	02/24/03	3604.31	25.96		0.00	0.00	25.96	3578.35
	04/24/03	3604.31	26.14		0.00	0.00	26.14	3578.17
	07/15/03	3604.31	26.40		0.00	0.00	26.40	3577.91
	09/11/03	3604.31	26.55		0.00	0.00	26.55	3577.76
	10/15/03	3604.31	26.71		0.00	0.00	26.71	3577.60
	01/19/04	3604.31	26.98		0.00	0.00	26.98	3577.33
	04/19/04	3604.31	26.95		0.00	0.00	26.95	3577.36
	07/20/04	3604.31	26.81		0.00	0.00	26.81	3577.50
	10/25/04	3604.31	24.95		0.00	0.00	24.95	3579.36
	01/24/05	3604.31	23.64		0.00	0.00	23.64	3580.67
	04/18/05	3604.31	23.46		0.00	0.00	23.46	3580.85
	07/18/05	3604.31	23.78		0.00	0.00	23.78	3580.53
	10/17/05	3604.31	23.72		0.00	0.00	23.72	3580.59
	01/23/06	3604.31	24.02		0.00	0.00	24.02	3580.29
	04/24/06	3604.31	24.50		0.00	0.00	24.50	3579.81
	07/24/06	3604.31	24.93		0.00	0.00	24.93	3579.38
	10/23/06	3604.31	24.66		0.00	0.00	24.66	3579.65
	01/23/07	3604.31	24.76		0.00	0.00	24.76	3579.55
	04/23/07	3604.31	25.12		0.00	0.00	25.12	3579.19
	07/23/07	3604.31	25.16		0.00	0.00	25.16	3579.15

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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.	10/22/07	3604.31	25.04		0.00	0.00	25.04	3579.27
	01/28/08	3604.31	25.25		0.00	0.00	25.25	3579.06
	04/21/08	3604.31	25.60		0.00	0.00	25.60	3578.71
	07/21/08	3604.31	26.02		0.00	0.00	26.02	3578.29
	10/20/08	3604.31	26.19		0.00	0.00	26.19	3578.12
	01/19/09	3604.31	26.26		0.00	0.00	26.26	3578.05
MW-14 (SVE-11)	03/01/01	3604.11	23.96		0.00	0.00	23.96	3580.15
	06/25/01	3604.11	24.14		0.00	0.00	24.14	3579.97
	09/25/01	3604.11	24.45		0.00	0.00	24.45	3579.66
	12/11/01	3604.11	24.63		0.00	0.00	24.63	3579.48
	05/21/02	3604.11	25.00		0.00	0.00	25.00	3579.11
	06/15/02	3604.11	25.08		0.00	0.00	25.08	3579.03
	10/15/02	3603.77	25.82		0.00	0.00	25.82	3577.95
	01/22/03	3603.77	25.90		0.00	0.00	25.90	3577.87
	04/24/03	3603.77	25.92		0.00	0.00	25.92	3577.85
	07/15/03	3603.77	26.11		0.00	0.00	26.11	3577.66
	09/11/03	3603.77	26.26		0.00	0.00	26.26	3577.51
	10/15/03	3603.77	26.41		0.00	0.00	26.41	3577.36
	01/19/04	3603.77	26.68		0.00	0.00	26.68	3577.09
	04/19/04	3603.77	26.61		0.00	0.00	26.61	3577.16
	07/20/04	3603.77	26.75		0.00	0.00	26.75	3577.02
	10/25/04	3603.77	24.81		0.00	0.00	24.81	3578.96
	01/24/05	3603.77	23.76		0.00	0.00	23.76	3580.01
	04/18/05	3603.77	23.58		0.00	0.00	23.58	3580.19
	07/18/05	3603.77	23.83		0.00	0.00	23.83	3579.94
	10/17/05	3603.77	23.77		0.00	0.00	23.77	3580.00
	01/23/06	3603.77	24.03		0.00	0.00	24.03	3579.74
	04/24/06	3603.77	24.41		0.00	0.00	24.41	3579.36
	07/24/06	3603.77	24.80		0.00	0.00	24.80	3578.97
	10/23/06	3603.77	24.70		0.00	0.00	24.70	3579.07
	01/23/07	3603.77	24.79		0.00	0.00	24.79	3578.98
	04/23/07	3603.77	25.06		0.00	0.00	25.06	3578.71
	07/23/07	3603.77	25.19		0.00	0.00	25.19	3578.58
	10/22/07	3603.77	25.20		0.00	0.00	25.20	3578.57
	01/28/08	3603.77	25.30		0.00	0.00	25.30	3578.47
	04/21/08	3603.77	25.53		0.00	0.00	25.53	3578.24
	07/21/08	3603.77	25.83		0.00	0.00	25.83	3577.94
	10/20/08	3603.77	26.07		0.00	0.00	26.07	3577.70
	01/19/09	3603.77	26.15		0.00	0.00	26.15	3577.62
MW-15 (SVE-12)	03/01/01	3609.78	28.26	28.20	0.06	0.05	28.21	3581.57
	06/25/01	3609.78	28.90	28.24	0.66	0.53	28.37	3581.41
	09/25/01	3609.78	NM		0.00	0.00		
	12/11/01	3609.78	NM		0.00	0.00		
	05/21/02	3609.78	29.77	28.98	0.79	0.63	29.14	3580.64
	06/08/02	3609.78	29.85	29.05	0.80	0.64	29.21	3580.57
	06/15/02	3609.23	30.42	29.65	0.77	0.62	29.80	3579.43
	10/25/02	3609.23	30.57	29.67	0.90	0.72	29.85	3579.38
	11/04/02	3609.23	30.62	29.80	0.82	0.66	29.96	3579.27
	11/22/02	3609.23	30.59	29.81	0.78	0.62	29.97	3579.26
	11/29/02	3609.23	30.59	29.70	0.89	0.71	29.88	3579.35
	02/08/03	3609.23	30.44	30.10	0.34	0.27	30.17	3579.06
	02/24/03	3609.23	30.51	30.09	0.42	0.34	30.17	3579.06
	04/07/03	3609.23	30.50	30.21	0.29	0.23	30.27	3578.96
	04/24/03	3609.23	30.44	30.24	0.20	0.16	30.28	3578.95
	11/05/02	3609.23	30.57	29.81	0.76	0.61	29.96	3579.27
	02/25/03	3609.23	30.51	30.09	0.42	0.34	30.17	3579.06
	04/09/03	3609.23	30.50	30.21	0.29	0.23	30.27	3578.96
	04/22/03	3609.23	30.49	30.27	0.22	0.18	30.31	3578.92
	06/25/03	3609.23	30.55	30.34	0.21	0.17	30.38	3578.85
	09/11/03	3609.23	30.79	30.52	0.27	0.22	30.57	3578.66
	11/05/03	3609.23	30.94	30.67	0.27	0.22	30.72	3578.51
	01/19/04	3609.23	31.11	30.87	0.24	0.19	30.92	3578.31
	04/19/04	3609.23	31.09	31.03	0.06	0.05	31.04	3578.19
	07/20/04	3609.23	31.32	31.10	0.22	0.18	31.14	3578.09
	10/25/04	3609.23	29.94		0.00	0.00	29.94	3579.29
	01/24/05	3609.23	28.72		0.00	0.00	28.72	3580.51

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (SVE-12) cont.	04/18/05	3609.23	28.40		0.00	0.00	28.40	3580.83
	07/18/05	3609.23	28.39		0.00	0.00	28.39	3580.84
	10/17/05	3609.23	28.29		0.00	0.00	28.29	3580.94
	01/23/06	3609.23	28.44		0.00	0.00	28.44	3580.79
	04/24/06	3609.23	28.72		0.00	0.00	28.72	3580.51
	07/24/06	3609.23	29.12		0.00	0.00	29.12	3580.11
	10/23/06	3609.23	29.05		0.00	0.00	29.05	3580.18
	01/23/07	3609.23	29.12		0.00	0.00	29.12	3580.11
	04/23/07	3609.23	29.36		0.00	0.00	29.36	3579.87
	07/23/07	3609.23	29.53		0.00	0.00	29.53	3579.70
	10/22/07	3609.23	29.61		0.00	0.00	29.61	3579.62
	01/28/08	3609.23	29.65		0.00	0.00	29.65	3579.58
	04/21/08	3609.23	29.84		0.00	0.00	29.84	3579.39
	07/21/08	3609.23	30.08		0.00	0.00	30.08	3579.15
	10/20/08	3609.23	30.30		0.00	0.00	30.30	3578.93
	01/19/09	3609.23	30.49		0.00	0.00	30.49	3578.74
MW-16	03/01/01	3606.31	25.57		0.00	0.00	25.57	3580.74
	06/25/01	3606.31	25.78		0.00	0.00	25.78	3580.53
	09/25/01	3606.31	26.01		0.00	0.00	26.01	3580.30
	12/11/01	3606.31	26.21		0.00	0.00	26.21	3580.10
	05/21/02	3606.31	26.57		0.00	0.00	26.57	3579.74
	06/15/02	3606.31	26.64		0.00	0.00	26.64	3579.67
	06/16/02	3606.31	26.63		0.00	0.00	26.63	3579.68
	09/20/02	3606.31	26.80		0.00	0.00	26.80	3579.51
	10/15/02	3606.31	26.85		0.00	0.00	26.85	3579.46
	10/22/02	3606.31	26.88		0.00	0.00	26.88	3579.43
	10/25/02	3606.31	26.88		0.00	0.00	26.88	3579.43
	10/26/02	3606.31	26.88		0.00	0.00	26.88	3579.43
	11/04/02	3606.31	26.90		0.00	0.00	26.90	3579.41
	11/05/02	3606.31	26.91		0.00	0.00	26.91	3579.40
	01/22/03	3606.31	26.95		0.00	0.00	26.95	3579.36
	02/14/03	3606.31	26.95		0.00	0.00	26.95	3579.36
	02/24/03	3606.31	26.95		0.00	0.00	26.95	3579.36
	04/07/03	3606.31	27.05		0.00	0.00	27.05	3579.26
	04/24/03	3606.31	27.16		0.00	0.00	27.16	3579.15
	07/14/03	3606.31	27.25		0.00	0.00	27.25	3579.06
	08/02/03	3606.31	27.27		0.00	0.00	27.27	3579.04
	09/11/03	3606.31	27.35		0.00	0.00	27.35	3578.96
	10/15/03	3606.31	27.49		0.00	0.00	27.49	3578.82
	01/19/04	3606.31	27.68		0.00	0.00	27.68	3578.63
	04/19/04	3606.31	27.78		0.00	0.00	27.78	3578.53
	07/20/04	3606.31	27.89		0.00	0.00	27.89	3578.42
	10/25/04	3606.31	26.38		0.00	0.00	26.38	3579.93
	01/24/05	3606.31	25.11		0.00	0.00	25.11	3581.20
	04/18/05	3606.31	24.91		0.00	0.00	24.91	3581.40
	07/18/05	3606.31	25.04		0.00	0.00	25.04	3581.27
	10/17/05	3606.31	24.99		0.00	0.00	24.99	3581.32
	01/23/06	3606.31	25.20		0.00	0.00	25.20	3581.11
	04/24/06	3606.31	25.56		0.00	0.00	25.56	3580.75
	07/24/06	3606.31	25.90		0.00	0.00	25.90	3580.41
	10/23/06	3606.31	25.84		0.00	0.00	25.84	3580.47
	01/23/07	3606.31	25.94		0.00	0.00	25.94	3580.37
	04/23/07	3606.31	26.16		0.00	0.00	26.16	3580.15
	07/23/07	3606.31	25.33		0.00	0.00	25.33	3580.98
	10/22/07	3606.31	26.40		0.00	0.00	26.40	3579.91
	01/28/08	3606.31	26.45		0.00	0.00	26.45	3579.86
	04/21/08	3606.31	26.66		0.00	0.00	26.66	3579.65
	07/21/08	3606.31	26.91		0.00	0.00	26.91	3579.40
	10/20/08	3606.31	27.13		0.00	0.00	27.13	3579.18
	01/19/09	3606.31	27.26		0.00	0.00	27.26	3579.05
MW-17	03/01/01	3609.03	27.78		0.00	0.00	27.78	3581.25
	06/25/01	3609.03	27.99		0.00	0.00	27.99	3581.04
	09/25/01	3609.03	28.21		0.00	0.00	28.21	3580.82
	12/11/01	3609.03	28.39		0.00	0.00	28.39	3580.64
	05/21/02	3609.03	28.77		0.00	0.00	28.77	3580.26
	06/08/02	3609.03	28.80		0.00	0.00	28.80	3580.23

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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-17 cont.	06/13/02	3609.03	28.81		0.00	0.00	28.81	3580.22
	06/15/02	3609.03	28.81		0.00	0.00	28.81	3580.22
	09/20/02	3609.03	29.00		0.00	0.00	29.00	3580.03
	10/15/02	3609.03	29.07		0.00	0.00	29.07	3579.96
	10/22/02	3609.03	29.06		0.00	0.00	29.06	3579.97
	10/25/02	3609.03	29.06		0.00	0.00	29.06	3579.97
	10/26/02	3609.03	29.09		0.00	0.00	29.09	3579.94
	11/04/02	3609.03	29.10		0.00	0.00	29.10	3579.93
	11/05/02	3609.03	29.13		0.00	0.00	29.13	3579.90
	11/22/02	3609.03	29.16		0.00	0.00	29.16	3579.87
	12/16/02	3609.03	NM, dry					
	01/22/03	3609.03	29.15		0.00	0.00	29.15	3579.88
	02/08/03	3609.03	29.16		0.00	0.00	29.16	3579.87
	02/14/03	3609.03	29.17		0.00	0.00	29.17	3579.86
	02/24/03	3609.03	29.19		0.00	0.00	29.19	3579.84
	04/24/03	3609.03	29.28		0.00	0.00	29.28	3579.75
	04/07/03	3609.03	29.23		0.00	0.00	29.23	3579.80
	07/14/03	3609.03	29.45		0.00	0.00	29.45	3579.58
	08/02/03	3609.03	29.49		0.00	0.00	29.49	3579.54
	09/11/03	3609.03	29.57		0.00	0.00	29.57	3579.46
	10/15/03	3609.03	29.70		0.00	0.00	29.70	3579.33
	01/19/04	3609.03	29.88		0.00	0.00	29.88	3579.15
	04/19/04	3609.03	NM, dry					
	07/20/04	3609.03	NM, dry					
	10/25/04	3609.03	28.88		0.00	0.00	28.88	3580.15
	01/24/05	3609.03	27.57		0.00	0.00	27.57	3581.46
	04/18/05	3609.03	27.31		0.00	0.00	27.31	3581.72
	07/18/05	3609.03	27.35		0.00	0.00	27.35	3581.68
	10/17/05	3609.03	27.26		0.00	0.00	27.26	3581.77
	01/23/06	3609.03	27.45		0.00	0.00	27.45	3581.58
	04/24/06	3609.03	27.79		0.00	0.00	27.79	3581.24
	07/24/06	3609.03	28.11		0.00	0.00	28.11	3580.92
	10/23/06	3609.03	28.08		0.00	0.00	28.08	3580.95
	01/23/07	3609.03	28.17		0.00	0.00	28.17	3580.86
	04/23/07	3609.03	28.37		0.00	0.00	28.37	3580.66
	07/23/07	3609.03	28.54		0.00	0.00	28.54	3580.49
	10/22/07	3609.03	28.66		0.00	0.00	28.66	3580.37
	01/28/08	3609.03	28.68		0.00	0.00	28.68	3580.35
	04/21/08	3609.03	28.87		0.00	0.00	28.87	3580.16
	07/21/08	3609.03	29.11		0.00	0.00	29.11	3579.92
	10/20/08	3609.03	29.33		0.00	0.00	29.33	3579.70
	01/19/09	3609.03	29.45		0.00	0.00	29.45	3579.58
MW-18 (SVE-13)	03/01/01	3605.71	25.59		0.00	0.00	25.59	3580.12
	06/25/01	3605.71	25.85		0.00	0.00	25.85	3579.86
	09/25/01	3605.71	26.10		0.00	0.00	26.10	3579.61
	12/11/01	3605.71	26.33		0.00	0.00	26.33	3579.38
	05/21/02	3605.71	26.70		0.00	0.00	26.70	3579.01
	06/15/02	3605.71	26.75		0.00	0.00	26.75	3578.96
	06/16/02	3605.71	26.74		0.00	0.00	26.74	3578.97
	09/20/02	3605.34	27.54		0.00	0.00	27.54	3577.80
	10/15/02	3605.34	27.55		0.00	0.00	27.55	3577.79
	10/22/02	3605.34	27.55		0.00	0.00	27.55	3577.79
	10/25/02	3605.34	27.54		0.00	0.00	27.54	3577.80
	10/26/02	3605.34	27.55		0.00	0.00	27.55	3577.79
	11/05/02	3605.34	27.35		0.00	0.00	27.35	3577.99
	11/22/02	3605.34	27.38		0.00	0.00	27.38	3577.96
	01/22/03	3605.34	27.43		0.00	0.00	27.43	3577.91
	02/24/03	3605.34	27.46		0.00	0.00	27.46	3577.88
	04/07/03	3605.34	27.57		0.00	0.00	27.57	3577.77
	04/24/03	3605.34	27.58		0.00	0.00	27.58	3577.76
	07/15/03	3605.34	27.78		0.00	0.00	27.78	3577.56
	08/02/03	3605.34	27.83		0.00	0.00	27.83	3577.51
	09/11/03	3605.34	28.01		0.00	0.00	28.01	3577.33
	10/15/03	3605.34	28.15		0.00	0.00	28.15	3577.19
	01/19/04	3605.34	28.42		0.00	0.00	28.42	3576.92
	04/19/04	3605.34	28.40		0.00	0.00	28.40	3576.94

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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 (SVE-13) cont.	07/20/04	3605.34	28.38		0.00	0.00	28.38	3576.96
	10/25/04	3605.34	26.62		0.00	0.00	26.62	3578.72
	01/24/05	3605.34	25.37		0.00	0.00	25.37	3579.97
	04/18/05	3605.34	25.15		0.00	0.00	25.15	3580.19
	07/18/05	3605.34	25.36		0.00	0.00	25.36	3579.98
	10/17/05	3605.34	25.33		0.00	0.00	25.33	3580.01
	01/23/06	3605.34	25.59		0.00	0.00	25.59	3579.75
	04/24/06	3605.34	26.01		0.00	0.00	26.01	3579.33
	07/24/06	3605.34	26.41		0.00	0.00	26.41	3578.93
	10/23/06	3605.34	26.25		0.00	0.00	26.25	3579.09
	01/23/07	3605.34	26.32		0.00	0.00	26.32	3579.02
	04/23/07	3605.34	26.63		0.00	0.00	26.63	3578.71
	07/23/07	3605.34	26.73		0.00	0.00	26.73	3578.61
	10/22/07	3605.34	26.70		0.00	0.00	26.70	3578.64
	01/28/08	3605.34	26.81		0.00	0.00	26.81	3578.53
	04/21/08	3605.34	27.09		0.00	0.00	27.09	3578.25
	07/21/08	3605.34	27.45		0.00	0.00	27.45	3577.89
	10/20/08	3605.34	27.65		0.00	0.00	27.65	3577.69
	01/19/09	3605.34	27.75		0.00	0.00	27.75	3577.59
MW-19	03/01/01	3606.69	27.20		0.00	0.00	27.20	3579.49
	06/25/01	3606.69	27.45		0.00	0.00	27.45	3579.24
	09/25/01	3606.69	27.71		0.00	0.00	27.71	3578.98
	12/11/01	3606.69	27.93		0.00	0.00	27.93	3578.76
	05/21/02	3606.69	28.26		0.00	0.00	28.26	3578.43
	06/08/02	3606.69	28.30		0.00	0.00	28.30	3578.39
	06/15/02	3606.69	28.33		0.00	0.00	28.33	3578.36
	09/20/02	3606.69	28.54		0.00	0.00	28.54	3578.15
	10/15/02	3606.69	28.57		0.00	0.00	28.57	3578.12
	10/22/02	3606.69	28.57		0.00	0.00	28.57	3578.12
	10/25/02	3606.69	28.55		0.00	0.00	28.55	3578.14
	10/26/02	3606.69	28.58		0.00	0.00	28.58	3578.11
	11/04/02	3606.69	28.58		0.00	0.00	28.58	3578.11
	11/05/02	3606.69	28.56		0.00	0.00	28.56	3578.13
	11/22/02	3606.69	28.55		0.00	0.00	28.55	3578.14
	11/29/02	3606.69	28.54		0.00	0.00	28.54	3578.15
	12/16/02	3606.69	28.54		0.00	0.00	28.54	3578.15
	01/22/03	3606.69	28.48		0.00	0.00	28.48	3578.21
	02/08/03	3606.69	28.50		0.00	0.00	28.50	3578.19
	02/14/03	3606.69	28.51		0.00	0.00	28.51	3578.18
	02/24/03	3606.69	28.51		0.00	0.00	28.51	3578.18
	04/24/03	3606.69	28.62		0.00	0.00	28.62	3578.07
	07/15/03	3606.69	28.90		0.00	0.00	28.90	3577.79
	08/02/03	3606.69	28.93		0.00	0.00	28.93	3577.76
	09/11/03	3606.69	29.03		0.00	0.00	29.03	3577.66
	10/15/03	3606.69	29.18		0.00	0.00	29.18	3577.51
	01/19/04	3606.69	29.42		0.00	0.00	29.42	3577.27
	04/19/04	3606.69	29.40		0.00	0.00	29.40	3577.29
	07/20/04	3606.69	29.40		0.00	0.00	29.40	3577.29
	10/25/04	3606.69	27.19		0.00	0.00	27.19	3579.50
	01/24/05	3606.69	26.20		0.00	0.00	26.20	3580.49
	04/18/05	3606.69	26.11		0.00	0.00	26.11	3580.58
	07/18/05	3606.69	26.40		0.00	0.00	26.40	3580.29
	10/17/05	3606.69	26.41		0.00	0.00	26.41	3580.28
	01/23/06	3606.69	26.68		0.00	0.00	26.68	3580.01
	04/24/06	3606.69	27.09		0.00	0.00	27.09	3579.60
	07/24/06	3606.69	27.49		0.00	0.00	27.49	3579.20
	10/23/06	3606.69	27.37		0.00	0.00	27.37	3579.32
	01/23/07	3606.69	27.46		0.00	0.00	27.46	3579.23
	04/23/07	3606.69	27.76		0.00	0.00	27.76	3578.93
	07/23/07	3606.69	27.85		0.00	0.00	27.85	3578.84
	10/22/07	3606.69	27.83		0.00	0.00	27.83	3578.86
	01/28/08	3606.69	27.95		0.00	0.00	27.95	3578.74
	04/21/08	3606.69	28.23		0.00	0.00	28.23	3578.46
	07/21/08	3606.69	28.59		0.00	0.00	28.59	3578.10
	10/20/08	3606.69	28.80		0.00	0.00	28.80	3577.89
	01/19/09	3606.69	28.90		0.00	0.00	28.90	3577.79

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico
(all measurements in feet)

Well Number	Sample Date	Casing Elevation	Depth to Water	Depth to L.P.H.	L.P.H. Thickness	L.P.H. Thickness X 0.8	Adjusted Depth to Water	Groundwater Elevation
MW-20	03/01/01	3606.25	30.24		0.00	0.00	30.24	3576.01
	06/08/01	3606.25	31.26		0.00	0.00	31.26	3574.99
	06/25/01	3606.25	31.45		0.00	0.00	31.45	3574.80
	09/25/01	3606.25	31.67		0.00	0.00	31.67	3574.58
	12/11/01	3606.25	30.84		0.00	0.00	30.84	3575.41
	05/21/02	3606.25	31.21		0.00	0.00	31.21	3575.04
	06/08/02	3606.25	31.26		0.00	0.00	31.26	3574.99
	06/13/02	3606.25	31.28		0.00	0.00	31.28	3574.97
	06/15/02	3606.25	31.28		0.00	0.00	31.28	3574.97
	09/20/02	3606.25	31.46		0.00	0.00	31.46	3574.79
	10/15/02	3606.25	31.52		0.00	0.00	31.52	3574.73
	10/22/02	3606.25	31.53		0.00	0.00	31.53	3574.72
	10/25/02	3606.25	31.52		0.00	0.00	31.52	3574.73
	10/26/02	3606.25	31.54		0.00	0.00	31.54	3574.71
	11/04/02	3606.25	31.56		0.00	0.00	31.56	3574.69
	11/05/02	3606.25	31.56		0.00	0.00	31.56	3574.69
	11/22/02	3606.25	31.59		0.00	0.00	31.59	3574.66
	11/29/02	3606.25	31.56		0.00	0.00	31.56	3574.69
	12/16/02	3606.25	31.65		0.00	0.00	31.65	3574.60
	01/22/03	3606.25	31.60		0.00	0.00	31.60	3574.65
	02/08/03	3606.25	31.65		0.00	0.00	31.65	3574.60
	02/14/03	3606.25	31.64		0.00	0.00	31.64	3574.61
	02/24/03	3606.25	31.64		0.00	0.00	31.64	3574.61
	04/07/03	3606.25	31.75		0.00	0.00	31.75	3574.50
	04/24/03	3606.25	31.76		0.00	0.00	31.76	3574.49
	07/15/03	3606.25	31.90		0.00	0.00	31.90	3574.35
	08/02/03	3606.25	31.95		0.00	0.00	31.95	3574.30
	09/11/03	3606.25	32.04		0.00	0.00	32.04	3574.21
	10/15/03	3606.25	32.17		0.00	0.00	32.17	3574.08
	01/19/04	3606.25	32.35		0.00	0.00	32.35	3573.90
	04/19/04	3606.25	32.46		0.00	0.00	32.46	3573.79
	07/20/04	3606.25	32.59		0.00	0.00	32.59	3573.66
	10/25/04	3606.25	31.22		0.00	0.00	31.22	3575.03
	01/24/05	3606.25	29.97		0.00	0.00	29.97	3576.28
	04/18/05	3606.25	29.78		0.00	0.00	29.78	3576.47
	07/18/05	3606.25	29.85		0.00	0.00	29.85	3576.40
	10/17/05	3606.25	29.75		0.00	0.00	29.75	3576.50
	01/23/06	3606.25	29.95		0.00	0.00	29.95	3576.30
	04/24/06	3606.25	30.28		0.00	0.00	30.28	3575.97
	07/24/06	3606.25	30.59		0.00	0.00	30.59	3575.66
	10/23/06	3606.25	30.55		0.00	0.00	30.55	3575.70
	01/23/07	3606.25	30.68		0.00	0.00	30.68	3575.57
	04/23/07	3606.25	30.89		0.00	0.00	30.89	3575.36
	07/23/07	3606.25	31.08		0.00	0.00	31.08	3575.17
	10/22/07	3606.25	31.16		0.00	0.00	31.16	3575.09
	01/28/08	3606.50	31.21		0.00	0.00	31.21	3575.29
	04/21/08	3606.50	31.38		0.00	0.00	31.38	3575.12
	07/21/08	3606.50	31.62		0.00	0.00	31.62	3574.88
	10/20/08	3606.50	31.82		0.00	0.00	31.82	3574.68
	01/19/09	3606.50	32.00		0.00	0.00	32.00	3574.50
MW-21	06/08/02	3603.51	24.62		0.00	0.00	24.62	3578.89
	06/13/02	3603.51	24.61		0.00	0.00	24.61	3578.90
	06/15/02	3603.51	24.63		0.00	0.00	24.63	3578.88
	09/20/02	3603.51	24.81		0.00	0.00	24.81	3578.70
	10/15/02	3603.51	24.86		0.00	0.00	24.86	3578.65
	10/22/02	3603.51	24.88		0.00	0.00	24.88	3578.63
	10/25/02	3603.51	24.92		0.00	0.00	24.92	3578.59
	10/26/02	3603.51	24.92		0.00	0.00	24.92	3578.59
	11/04/02	3603.51	24.93		0.00	0.00	24.93	3578.58
	11/05/02	3603.51	24.90		0.00	0.00	24.90	3578.61
	11/22/02	3603.51	24.87		0.00	0.00	24.87	3578.64
	11/29/02	3603.51	24.90		0.00	0.00	24.90	3578.61
	12/16/02	3603.51	24.95		0.00	0.00	24.95	3578.56
	01/22/03	3603.51	24.88		0.00	0.00	24.88	3578.63
	02/08/03	3603.51	24.89		0.00	0.00	24.89	3578.62

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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-21 cont.	02/14/03	3603.51	24.89		0.00	0.00	24.89	3578.62
	02/24/03	3603.51	24.90		0.00	0.00	24.90	3578.61
	04/07/03	3603.51	25.00		0.00	0.00	25.00	3578.51
	04/24/03	3603.51	25.01		0.00	0.00	25.01	3578.50
	07/15/03	3603.51	25.20		0.00	0.00	25.20	3578.31
	08/02/03	3603.51	25.28		0.00	0.00	25.28	3578.23
	09/11/03	3603.51	25.35		0.00	0.00	25.35	3578.16
	10/15/03	3603.51	25.48		0.00	0.00	25.48	3578.03
	01/19/04	3603.51	25.68		0.00	0.00	25.68	3577.83
	04/19/04	3603.51	25.68		0.00	0.00	25.68	3577.83
	07/20/04	3603.51	25.81		0.00	0.00	25.81	3577.70
	10/25/04	3603.51	23.56		0.00	0.00	23.56	3579.95
	01/24/05	3603.51	22.70		0.00	0.00	22.70	3580.81
	04/18/05	3603.51	22.64		0.00	0.00	22.64	3580.87
	07/18/05	3603.51	22.88		0.00	0.00	22.88	3580.63
	10/17/05	3603.51	22.88		0.00	0.00	22.88	3580.63
	01/23/06	3603.51	23.13		0.00	0.00	23.13	3580.38
	04/24/06	3603.51	23.49		0.00	0.00	23.49	3580.02
	07/24/06	3603.51	23.86		0.00	0.00	23.86	3579.65
	10/23/06	3603.51	23.82		0.00	0.00	23.82	3579.69
	01/23/07	3603.51	23.92		0.00	0.00	23.92	3579.59
	04/23/07	3603.51	24.15		0.00	0.00	24.15	3579.36
	07/23/07	3603.51	24.32		0.00	0.00	24.32	3579.19
	10/22/07	3603.51	24.35		0.00	0.00	24.35	3579.16
	01/28/08	3603.51	24.45		0.00	0.00	24.45	3579.06
	04/21/08	3603.51	24.65		0.00	0.00	24.65	3578.86
	07/21/08	3603.51	24.95		0.00	0.00	24.95	3578.56
	10/20/08	3603.51	25.17		0.00	0.00	25.17	3578.34
	01/19/09	3603.51	25.29		0.00	0.00	25.29	3578.22
MW-22	06/08/02	3603.27	24.20		0.00	0.00	24.20	3579.07
	06/13/02	3603.27	24.41		0.00	0.00	24.41	3578.86
	06/15/02	3603.27	24.44		0.00	0.00	24.44	3578.83
	09/20/02	3603.27	24.59		0.00	0.00	24.59	3578.68
	10/15/02	3603.27	24.69		0.00	0.00	24.69	3578.58
	10/22/02	3603.27	24.67		0.00	0.00	24.67	3578.60
	10/25/02	3603.27	24.66		0.00	0.00	24.66	3578.61
	10/26/02	3603.27	24.70		0.00	0.00	24.70	3578.57
	11/04/02	3603.27	24.63		0.00	0.00	24.63	3578.64
	11/05/02	3603.27	24.55		0.00	0.00	24.55	3578.72
	11/22/02	3603.27	24.55		0.00	0.00	24.55	3578.72
	11/29/02	3603.27	24.51		0.00	0.00	24.51	3578.76
	12/16/02	3603.27	24.50		0.00	0.00	24.50	3578.77
	01/22/03	3603.27	24.40		0.00	0.00	24.40	3578.87
	02/08/03	3603.27	24.44		0.00	0.00	24.44	3578.83
	02/14/03	3603.27	24.45		0.00	0.00	24.45	3578.82
	02/24/03	3603.27	24.50		0.00	0.00	24.50	3578.77
	04/07/03	3603.27	24.67		0.00	0.00	24.67	3578.60
	04/24/03	3603.27	24.67		0.00	0.00	24.67	3578.60
	07/15/03	3603.27	25.00		0.00	0.00	25.00	3578.27
	08/02/03	3603.27	25.09		0.00	0.00	25.09	3578.18
	09/11/03	3603.27	25.16		0.00	0.00	25.16	3578.11
	10/15/03	3603.27	25.30		0.00	0.00	25.30	3577.97
	01/19/04	3603.27	25.60		0.00	0.00	25.60	3577.67
	04/19/04	3603.27	25.59		0.00	0.00	25.59	3577.68
	07/20/04	3603.27	25.35		0.00	0.00	25.35	3577.92
	10/25/04	3603.27	23.79		0.00	0.00	23.79	3579.48
	01/24/05	3603.27	22.25		0.00	0.00	22.25	3581.02
	04/18/05	3603.27	21.95		0.00	0.00	21.95	3581.32
	07/18/05	3603.27	22.25		0.00	0.00	22.25	3581.02
	10/17/05	3603.27	22.17		0.00	0.00	22.17	3581.10
	01/23/06	3603.27	22.49		0.00	0.00	22.49	3580.78
	04/24/06	3603.27	22.99		0.00	0.00	22.99	3580.28
	07/24/06	3603.27	23.42		0.00	0.00	23.42	3579.85
	10/23/06	3603.27	23.09		0.00	0.00	23.09	3580.18
	01/23/07	3603.27	23.17		0.00	0.00	23.17	3580.10

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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-22 cont.	04/23/07	3603.27	23.56		0.00	0.00	23.56	3579.71
	07/23/07	3603.27	23.57		0.00	0.00	23.57	3579.70
	10/22/07	3603.27	23.58		0.00	0.00	23.58	3579.69
	01/28/08	3603.27	23.63		0.00	0.00	23.63	3579.64
	04/21/08	3603.27	24.01		0.00	0.00	24.01	3579.26
	07/21/08	3603.27	24.46		0.00	0.00	24.46	3578.81
	10/20/08	3603.27	24.65		0.00	0.00	24.65	3578.62
	01/19/09	3603.27	24.73		0.00	0.00	24.73	3578.54
MW-23	06/08/02	3604.62	25.15		0.00	0.00	25.15	3579.47
	06/13/02	3604.62	25.13		0.00	0.00	25.13	3579.49
	06/15/02	3604.62	25.15		0.00	0.00	25.15	3579.47
	09/20/02	3604.62	25.30		0.00	0.00	25.30	3579.32
	10/15/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	10/22/02	3604.62	25.38		0.00	0.00	25.38	3579.24
	10/25/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	10/26/02	3604.62	25.39		0.00	0.00	25.39	3579.23
	11/04/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	11/05/02	3604.62	25.40		0.00	0.00	25.40	3579.22
	11/22/02	3604.62	25.41		0.00	0.00	25.41	3579.21
	11/29/02	3604.62	25.34		0.00	0.00	25.34	3579.28
	12/16/02	3604.62	25.15		0.00	0.00	25.15	3579.47
	01/22/03	3604.62	25.15		0.00	0.00	25.15	3579.47
	02/08/03	3604.62	25.17		0.00	0.00	25.17	3579.45
	02/14/03	3604.62	25.26		0.00	0.00	25.26	3579.36
	02/24/03	3604.62	25.40		0.00	0.00	25.40	3579.22
	04/07/03	3604.62	25.45		0.00	0.00	25.45	3579.17
	04/24/03	3604.62	25.48		0.00	0.00	25.48	3579.14
	07/15/03	3604.62	25.70		0.00	0.00	25.70	3578.92
	08/02/03	3604.62	25.77		0.00	0.00	25.77	3578.85
	09/11/03	3604.62	25.85		0.00	0.00	25.85	3578.77
	10/15/03	3604.62	26.02		0.00	0.00	26.02	3578.60
	01/19/04	3604.62	26.31		0.00	0.00	26.31	3578.31
	04/19/04	3604.62	26.34		0.00	0.00	26.34	3578.28
	07/20/04	3604.62	26.17		0.00	0.00	26.17	3578.45
	10/25/04	3604.62	24.56		0.00	0.00	24.56	3580.06
	01/24/05	3604.62	23.25		0.00	0.00	23.25	3581.37
	04/18/05	3604.62	22.85		0.00	0.00	22.85	3581.77
	07/18/05	3604.62	23.04		0.00	0.00	23.04	3581.58
	10/17/05	3604.62	22.97		0.00	0.00	22.97	3581.65
	01/23/06	3604.62	23.22		0.00	0.00	23.22	3581.40
	04/24/06	3604.62	23.69		0.00	0.00	23.69	3580.93
	07/24/06	3604.62	24.12		0.00	0.00	24.12	3580.50
	10/23/06	3604.62	23.85		0.00	0.00	23.85	3580.77
	01/23/07	3604.62	23.86		0.00	0.00	23.86	3580.76
	04/23/07	3604.62	24.24		0.00	0.00	24.24	3580.38
	07/23/07	3604.62	24.28		0.00	0.00	24.28	3580.34
	10/22/07	3604.62	24.26		0.00	0.00	24.26	3580.36
	01/28/08	3604.62	24.34		0.00	0.00	24.34	3580.28
	04/21/08	3604.62	24.66		0.00	0.00	24.66	3579.96
	07/21/08	3604.62	25.09		0.00	0.00	25.09	3579.53
	10/20/08	3604.62	25.32		0.00	0.00	25.32	3579.30
	01/19/09	3604.62	25.40		0.00	0.00	25.40	3579.22
SVE-10	06/15/02	3605.12	25.24		0.00	0.00	25.24	3579.88
	11/04/02	3605.12	25.43		0.00	0.00	25.43	3579.69
	11/05/02	3605.12	25.44		0.00	0.00	25.44	3579.68
	11/22/02	3605.12	25.58		0.00	0.00	25.58	3579.54
	11/29/02	3605.12	25.63		0.00	0.00	25.63	3579.49
	12/16/02	3605.12	25.68		0.00	0.00	25.68	3579.44
	01/22/03	3605.12	25.70		0.00	0.00	25.70	3579.42
	02/08/03	3605.12	25.73		0.00	0.00	25.73	3579.39
	02/14/03	3605.12	25.70		0.00	0.00	25.70	3579.42
	02/24/03	3605.12	25.73		0.00	0.00	25.73	3579.39
	04/07/03	3605.12	25.93		0.00	0.00	25.93	3579.19
	04/24/03	3605.12	25.84		0.00	0.00	25.84	3579.28
	07/15/03	3605.12	25.86		0.00	0.00	25.86	3579.26

Table 1
Water Level Measurements
ConocoPhillips - East Hobbs Junction
Hobbs, 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
SVE-10 cont.	08/02/03	3605.12	25.93		0.00	0.00	25.93	3579.19
	10/15/03	3605.12	25.94		0.00	0.00	25.94	3579.18
	01/19/04	3605.12	26.79		0.00	0.00	26.79	3578.33
	04/19/04	3605.12	26.62		0.00	0.00	26.62	3578.50
	07/20/04	3605.12	26.86		0.00	0.00	26.86	3578.26
	10/25/04	3605.12	25.22		0.00	0.00	25.22	3579.90
	01/24/05	3605.12	24.01		0.00	0.00	24.01	3581.11
	04/18/05	3605.12	23.79		0.00	0.00	23.79	3581.33
	07/18/05	3605.12	23.91		0.00	0.00	23.91	3581.21
	10/17/05	3605.12	23.89		0.00	0.00	23.89	3581.23
	01/23/06	3605.12	24.11		0.00	0.00	24.11	3581.01
	04/24/06	3605.12	24.50		0.00	0.00	24.50	3580.62
	07/24/06	3605.12	24.87		0.00	0.00	24.87	3580.25
	10/23/06	3605.12	24.76		0.00	0.00	24.76	3580.36
	01/23/07	3605.12	24.84		0.00	0.00	24.84	3580.28
	04/23/07	3605.12	25.11		0.00	0.00	25.11	3580.01
	07/23/07	3605.12	25.24		0.00	0.00	25.24	3579.88
	10/22/07	3605.12	25.27		0.00	0.00	25.27	3579.85
	01/28/08	3605.12	25.34		0.00	0.00	25.34	3579.78
	04/21/08	3605.12	25.56		0.00	0.00	25.56	3579.56
	07/21/08	3605.12	25.87		0.00	0.00	25.87	3579.25
	10/20/08	3605.12	26.10		0.00	0.00	26.10	3579.02
	01/19/09	3605.12	26.20		0.00	0.00	26.20	3578.92

Notes:
L.P.H = Liquid Phase Hydrocarbons
NM = Not Measured
Blank Fields Indicate No Data
Same Measurements of L.P.H. and Water Indicate a Sheen is Present

Table 2a
Summary of Groundwater Analytical Data - Organics
ConocoPhillips
East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-3	04/24/08	13,000	540	660	1,440	15,640	120	13
	07/25/08	10,000	130	460	850	11,440	59	22
	10/22/08	15,000	270	490	1,100	16,860	NA	2.3
MW-4	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/24/08	<1.0	1.0	<1.0	<1.0	1.0	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.062
MW-5	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	2.4
	01/21/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
MW-6	04/24/08	1,500	1,500	410	840	4,250	20	13
	07/25/08	720	690	250	410	2,070	8.4	17
	10/22/08	550	300	170	261	1,281	NA	0.56
	01/21/09	350	270	200	247	1,067	4.2	4.1
MW-9	04/24/08	21,000	940	570	1,380	23,890	79	25
MW-11	04/24/08	7,400	360	680	1,800	10,240	34	28
	07/25/08	7,600	460	990	2,450	11,500	36	20
	10/22/08	8,600	460	1,000	2,700	12,760	NA	6.1
	01/21/09	6,600	210	720	1,910	9,440	28	6.8
MW-12	04/24/08	3,400	<10.0	240	225	3,865	15	<0.10
	4/24/08 D	2,900	<10.0	220	201	3,321	13	0.75
	07/25/08	2,700	<25.0	130	100	2,930	8.9	0.53
	07/25/08 D	2,500	<25.0	120	90	2,710	8.7	0.47
	10/22/08	5,000	6.5	350	300	5,656.5	NA	0.52
	10/22/08 D	4,600	7.1	340	287	5,234.1	NA	0.41
	01/21/09	3,500	<10.0	220	193	3,913	14	0.48
	01/21/09 D	3,000	<20.0	240	180	3,420	14	0.47
MW-13	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.05
MW-14	04/23/08	1.2	<1.0	<1.0	<1.0	1.2	0.10	0.64
	07/24/08	1.2	<1.0	<1.0	<1.0	1.2	<0.10	0.11
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	0.1
	01/21/09	1.1	<1.0	<1.0	<1.0	1.1	<0.10	0.086
MW-15	04/23/08	1.2	<1.0	<1.0	1.2	2.4	0.43	11,000
	07/24/08	<10.0	<10.0	<10.0	<10.0	BDL	<1.0	0.37
	10/21/08	<1.0	1.5	<1.0	3.6	5.1	NA	2.6
	01/21/09	<1.0	<1.0	<1.0	1.1	1.1	0.38	14
MW-16	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.16
	10/21/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/20/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.25
MW-17	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.31
	07/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.33
	10/21/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	0.21
MW-18	04/24/08	3,100	<10.0	80	59	3,239	8.6	0.31
	07/24/08	4,800	<5.0	58	39.3	4,897.3	10	0.22
	10/22/08	5,200	1.8	140	108	5,449.8	NA	0.25
	01/21/09	3,900	<25.0	100	64	4,064	11	0.24

Table 2a
Summary of Groundwater Analytical Data - Organics
ConocoPhillips
East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Total BTEX (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-19	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
MW-20	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.19
	10/21/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/20/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.067
MW-21	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	10/21/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/20/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
MW-22	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
MW-23	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
MW-24	04/23/08	1.2	<0.10	8.4	1.4	11	0.21	0.27
	04/23/08 D	3.2	3.4	33	7.0	46.6	0.63	0.26
	07/24/08	3.2	2.9	19	4.5	29.6	0.29	0.32
	07/24/08 D	4.5	4.7	36	9.1	54.3	0.54	0.27
	10/21/08	<1.0	1.2	1.8	<1.0	3.0	NA	0.26
	10/21/08 D	4.4	13	38	9.9	65.3	NA	0.34
	01/21/09	1.6	6.8	16	6.1	30.5	0.79	0.48
	01/21/09 D	<1.0	2	3.4	2	7.4	1.1	0.45
MW-25	04/23/08	<1.0	<1.0	1.0	<1.0	BDL	<0.10	0.41
	07/24/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.20
	10/21/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	0.14
	01/20/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.16
MW-26	04/23/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	0.29
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	0.053
	01/21/09	<1.0	<1.0	<1.0	<1.0	BDL	<0.10	<0.05
MW-27	04/23/08	37	7.9	1.8	2.1	48.8	0.14	<0.10
	07/24/08	140	33	6.3	11	190.3	0.57	0.20
	10/22/08	13	1.1	<1.0	<1.0	14.1	NA	0.07
	01/21/09	170	8.6	2.4	7.5	188.5	0.48	<0.05
SVE-10	04/24/08	14	<1.0	26	<1.0	40	0.56	0.26
	07/25/08	180	<1.0	16	12	208	0.68	0.28
	10/22/08	<1.0	<1.0	<1.0	<1.0	BDL	NA	0.2
	01/21/09	1.3	<1.0	<1.0	<1.0	1.3	0.18	0.18

Notes:
µg/L = micrograms per liter
mg/L = milligrams per liter
BDL = below detection limit
NA = not analyzed
TPH-GRO = Total Volatile Petroleum Hydrocarbons (TVPH)
TPH-DRO = Total Extractable Petroleum Hydrocarbons (TEPH)
D = duplicate sample

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-3	01/23/03	1,440	19	30	79	5.56	13.6
	04/24/08	13,000	540	660	1,440	120	13
	07/25/08	10,000	130	460	850	59	22
	10/22/08	15,000	270	490	1,100	NA	2.3
MW-4	01/13/00	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
	04/06/00	19	0.83	1.2	3.2	<1.0	<1.0
	08/02/00	2	<0.5	<0.5	<2	<0.98	<0.98
	11/15/00	24	0.64	0.6	<2	0.52	<0.50
	03/06/01	110	1.6	9.4	16	1.7	<0.55
	06/25/01	66	0.73	1.3	<2	0.83	<0.59
	09/26/01	80	0.5	3.9	5.7	0.55	<0.50
	12/12/01	39	1.5	<1.00	<1.00	0.369	<0.101
	05/21/02	78	7.9	1.5	5.7	0.567	<0.103
	10/16/02	45	<1.0	2.5	5.3	0.177	<0.102
	01/23/03	268	160	7.5	88.5	1.58	0.141
	04/25/03	589	372	16.1	114	2.4	0.159
	07/14/03	54.9	45.7	4.7	11.3	0.405	<0.10
	10/17/03	6.8	2.8	<1.0	<3.0	<0.10	0.59
	01/22/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/22/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/22/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/28/04	2.0	<1.0	<1.0	<3.0	<0.10	0.19
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.19
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.31
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.093
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.23
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.073
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.34
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.16
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.15
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.058
	07/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.26
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.051
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/24/08	<1.0	1.0	<1.0	<1.0	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.062
MW-5	01/13/00	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
	04/06/00	<0.5	<0.5	<0.5	<2	<1.0	<1.0
	08/02/00	<0.5	<0.5	<0.5	<2	<0.99	<0.99
	11/15/00	1.2	0.78	<0.5	<2	0.26	0.92
	03/06/01	8.1	7	0.65	<2	0.66	<0.54
	06/25/01	19	26	2.3	<2	0.87	<0.53
	09/26/01	85	46	2.8	18	0.76	<0.50
	12/12/01	164	106	7.3	50	1.42	<0.101
	05/21/02	146	119	11.1	32	1.23	<0.101
	10/16/02	273	179	<10	42	1.60	0.188
	01/23/03	1,980	1,480	68	594	10	0.548
	04/25/03	1,190	863	58	318	6.37	0.256
	07/14/03	119	123	13.4	42.1	0.842	<0.10
	10/17/03	22	22	3	9.7	<0.10	0.99
	01/22/04	32	12	1.1	<3.0	0.16	<0.048
	04/22/04	20	23	2.1	3.5	0.32	<0.20
	04/22/04 D	21	27	2.4	6.1	0.37	<0.20
	07/23/04	11	10	1.2	<3.0	0.13	<0.048
	10/28/04	28	29	1.5	8.1	0.20	0.077
	01/26/05	8.9	9.1	2.0	4.9	<0.10	0.069
	01/26/05 D	8.7	9.0	1.9	4.8	<0.10	0.098
	04/20/05	79	36	<1.0	43	0.42	0.064
	07/20/05	4.9	4.4	<1.0	<3.0	<0.10	0.083
	10/19/05	14	9.6	<1.0	11	<0.10	0.089
	01/25/06	2.1	2.8	<1.0	<3.0	<0.10	0.53
	04/26/06	<1.0	1.4	<1.0	<3.0	<0.10	0.11
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.19
	10/25/06	<1.0	1.1	<1.0	<3.0	<0.10	0.08
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.15

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-5 cont.	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.23
	07/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.34
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.33
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	0.11
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	2.4
	01/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
MW-6	01/13/00	3,300	2,000	240	580	<2.0	<2.0
	04/06/00	3,900	1,100	270	540	<1.0	<1.0
	07/20/05	2,000	920	340	870	12	3.0
	10/20/05	1,700	1,100	300	940	1.7	5.9
	01/26/06	2,000	770	250	700	16	5.8
	07/27/06	1,900	250	280	380	11	22
	10/26/06	1,600	810	360	690	14	15
	01/26/07	1,100	750	280	500	14	29
	04/26/07	1,500	1,200	310	660	15	6.7
	07/25/07	690	360	170	250	6.6	4.6
	10/25/07	550	390	150	180	4.5	4.4
	10/25/07 D	930	840	220	380	8.5	21.0
	01/31/08	1,200	1,200	310	520	11	8.9
	01/31/08 D	1,200	1,100	300	550	12	9.1
	04/24/08	1,500	1,500	410	840	20	13
	07/25/08	720	690	250	410	8.4	17
	10/22/08	550	300	240	261	NA	0.56
	01/21/09	350	270	200	247	4.2	4.1
MW-8	01/13/00	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0
	04/06/00	<0.5	<0.5	<0.5	<2	<1.0	<1.0
	08/02/00	<0.5	<0.5	<0.5	<2	<0.94	<0.94
	11/15/00	<0.5	<0.5	<0.5	<2	<1.0	0.86
	03/06/01	<0.5	<0.5	<0.5	<2	<1.0	<0.54
	06/25/01	<0.5	<0.5	<0.5	<2	<0.10	<0.55
	09/26/01	54	0.6	<0.5	2.4	0.24	<0.50
	12/12/01	593	18	8.5	48	1.56	0.107
	05/21/02	912	56.9	50	91.7	2.90	<0.101
	10/16/02	NA	NA	NA	NA	NA	0.269
	01/22/03	2,520	406	252	398	10.5	1.73
	01/31/08	2,300	270	340	890	30	130
MW-9	04/24/08	21,000	940	570	1,380	79	25
MW-10	01/13/00	4,100	490	440	720	<2.0	<2.0
	04/06/00	400	53	66	98	<1.0	<1.0
	08/02/00	220	12	27	55	<1.10	<1.10
MW-11	04/06/00	4,100	2,400	290	420	1.60	1.60
	08/02/00	3,900	2,100	260	510	2.50	2.50
	11/15/00	4,800	2,500	220	350	30	<0.53
	03/06/01	5,300	3,400	340	580	41	0.59
	06/25/01	5,100	3,700	340	<40	49	0.87
	04/24/08	7,400	360	680	1,800	34	28
	07/25/08	7,600	460	990	2,450	36	20
	10/22/08	8,600	460	1,000	2,700	NA	6.1
	01/21/09	6,600	210	720	1,910	28	6.8
MW-12	04/06/00	2,000	200	110	200	<1.20	<1.20
	08/02/00	2,900	22	97	160	<0.97	<0.97
	11/15/00	4,100	87	170	220	21	1.40
	03/06/01	4,300	120	210	290	24	<0.56
	06/25/01	4,100	120	220	<40	30	1.10
	09/26/01	3,300	120	150	200	19	0.85
	12/12/01	3,520	290	258	376	18.5	0.285
	05/21/02	4,040	265	195	284	16.4	0.104
	10/16/02	NA	NA	NA	NA	NA	0.351
	01/23/03	3,610	346	261	437	20.1	0.442
	04/25/03	3,510	202	78	437	13.2	0.594
	07/14/03	3,900	316	357	575	17.1	0.598
	10/20/03	1,900	30	130	220	6.40	0.23
	01/21/04	2,700	130	300	450	12	0.25
	04/21/04	2,900	<10	95	150	11	<0.20
	07/23/04	3,200	<10	66	160	12	0.33
	07/23/04 D	3,300	<10	71	160	12	0.33

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-12 cont.	10/28/04	3,200	16	46	140	14	0.52
	01/27/05	4,000	<20	66	130	15	1.20
	01/27/05 D	3,900	<20	67	130	15	1.30
	04/21/05	2,700	41	120	140	12	1.20
	04/21/05 D	2,600	38	110	140	12	1.00
	07/21/05	3,000	51	160	170	13	0.85
	07/21/05 D	2,800	54	150	160	13	0.73
	10/20/05	2,300	<1.0	95	170	15	1.0
	10/20/05 D	2,100	21	100	160	13	0.95
	01/26/06	2,800	<1.0	59	140	14	0.89
	01/26/06 D	2,900	13	160	150	14	0.43
	04/27/06	2,700	<1.0	130	120	12	0.84
	4/27/06 D	2,900	<1.0	120	130	13	1.00
	07/27/06	3,600	<1.0	150	160	15	1.00
	7/27/06 D	3,700	<1.0	150	160	15	1.30
	10/26/06	3,400	<1.0	120	170	13	0.64
	10/26/06 D	3,400	<1.0	190	180	14	0.92
	01/26/07	3,000	<1.0	160	160	14	1.00
	01/26/07 D	3,200	<1.0	150	170	15	1.30
	04/26/07	3,200	<1.0	230	200	14	0.58
	4/26/07 D	3,100	<1.0	200	200	14	0.60
	07/25/07	3,000	<1.0	110	140	14	0.86
	07/25/07 D	3,500	3.8	210	220	15	1.7
	10/25/07	2,700	<1.0	96	140	12	0.60
	10/25/07 D	2,900	<1.0	180	180	14	0.95
	01/31/08	2,800	<1.0	200	180	12	0.63
	01/31/08 D	3,100	<1.0	280	255	13	0.67
	04/24/08	3,400	<10.0	240	225	15	<0.10
	4/24/08 D	2,900	<10.0	220	201	13	0.75
	07/25/08	2,700	<25.0	130	100	8.9	0.53
	7/25/08 D	2,500	<25.0	120	90	8.7	0.47
	10/22/08	5,000	6.5	350	300	NA	0.52
	10/22/08 D	4,600	7.1	340	287	NA	0.41
	01/21/09	3,500	<10.0	220	193	14	0.48
	01/21/09 D	3,000	<20.0	240	180	14	0.47
MW-13	06/02/00	<0.5	<0.5	<0.5	<2	<1.0	<1.0
	08/02/00	<0.5	<0.5	<0.5	<2	<0.99	<0.99
	11/15/00	<0.5	<0.5	<0.5	<2	<0.10	1.10
	03/06/01	<0.5	<0.5	<0.5	<2	<0.10	0.50
	06/25/01	480	1	<0.5	<2	2	<0.53
	09/26/01	<0.5	<0.5	<0.5	<2	<0.10	<0.51
	12/12/01	<1.00	<1.00	<1.00	<1.00	<0.10	0.132
	05/21/02	<1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	10/16/02	NA	NA	NA	NA	NA	<0.102
	01/22/03	<1	<1	<1	<1	<0.10	<0.105
	04/24/03	<1	<1	<1	<1	<0.10	<0.105
	07/14/03	<1.00	<1.0	<1.0	<1.0	<0.10	0.112
	10/17/03	<1.0	<1.0	<1.0	<3.0	<0.10	0.26
	01/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/22/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/27/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/21/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.062
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.087
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.077
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.120
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.10
	07/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.096
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.086
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.05

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-14	06/02/00	370	5.3	1.7	11	<1.0	<1.0
	08/02/00	760	1.9	2.9	13	<1.0	<1.0
	11/15/00	840	0.9	<0.5	11	2.6	1.5
	03/06/01	730	<2.5	<2.5	11	2.8	<0.56
	06/25/01	340	0.82	<0.5	<2	1.4	NS
	09/26/01	370	<1.0	<1.0	<4.0	0.96	<0.50
	12/12/01	393	<10	<10	<10	0.89	0.148
	05/21/02	42.1	<1.00	<1.00	<1.00	<0.10	<0.101
	10/16/02	228	<1.00	<1.00	<1.00	0.629	0.206
	01/23/03	130	<1.00	<1.00	<1.00	0.375	0.108
	04/25/03	24.9	<1.00	<1.00	<1.00	0.10	0.104
	07/14/03	56.6	<1.0	<1.0	<1.0	0.264	0.215
	10/20/03	<1.0	<1.0	<1.0	<3.0	0.11	0.14
	01/21/04	34	<1.0	<1.0	<3.0	0.18	0.12
	04/21/04	5.2	<1.0	<1.0	<3.0	<0.10	<0.20
	07/22/04	4.0	<1.0	<1.0	<3.0	<0.10	0.059
	10/28/04	2.4	<1.0	<1.0	<3.0	<0.10	<0.048
	01/26/05	6.1	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	4.4	<1.0	<1.0	<3.0	<0.10	0.086
	07/21/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.058
	10/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.073
	01/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.33
	04/27/06	<1.0	<1.0	1.2	<3.0	<0.10	0.055
	07/27/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.077
	10/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/07	<1.0	<1.0	<1.0	<3.0	0.11	0.18
	04/26/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.13
	07/25/07	<1.0	<1.0	<1.0	<3.0	0.10	0.20
	10/25/07	<1.0	<1.0	<1.0	<3.0	0.12	0.098
	01/30/08	<1.0	<1.0	<1.0	<3.0	0.11	0.12
	04/23/08	1.2	<1.0	<1.0	<1.0	0.10	0.64
	07/24/08	1.2	<1.0	<1.0	<1.0	<0.10	0.11
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	0.1
	01/21/09	1.1	<1.0	<1.0	<1.0	<0.10	0.086
MW-15	06/02/00	830	770	130	170	2.1	2.1
	08/02/00	330	250	42	52	2.8	2.8
	11/15/00	2,000	2,000	470	650	29	3.0
	07/20/05	14	<1.0	7.6	<3.0	1.1	15
	10/19/05	3.3	<1.0	4.7	<3.0	0.70	7.8
	01/25/06	5.2	9.5	<1.0	<3.0	0.89	23
	04/26/06	3.8	9.5	5.7	<3.0	0.87	30
	07/26/06	<1.0	<1.0	2.7	<3.0	0.45	9.3
	10/25/06	<1.0	<1.0	4.7 F	<3.0	0.43	8.0
	01/25/07	<1.0	<1.0	<1.0	<3.0	0.32	7.0
	04/25/07	<1.0	<1.0	3.7	<3.0	0.43	3.6
	07/24/07	4.7	<1.0	4.5	<3.0	0.22	3.3
	10/24/07	<1.0	<1.0	3.0	<3.0	0.26	3.9
	01/30/08	1.5	<1.0	<1.0	<3.0	0.55	5.7
	04/23/08	1.2	<1.0	<1.0	1.2	0.43	11,000
	07/24/08	<10.0	<10.0	<10.0	<10.0	<1.0	0.37
	10/21/08	<1.0	1.5	<1.0	3.6	NA	2.6
	01/21/09	<1.0	<1.0	<1.0	1.1	0.38	14
MW-16	06/02/00	0.94	0.96	21	6.9	<1.0	<1.0
	08/02/00	<0.5	<0.5	13	<2	<1.0	<1.0
	11/15/00	<0.5	1.10	4	<2	0.20	<0.50
	03/06/01	<0.5	1.20	7.6	<2	0.31	<0.56
	06/25/01	<0.5	<0.5	<0.5	<2	0.30	<0.56
	09/26/01	<0.5	1.20	<0.5	<2	0.19	<0.50
	12/12/01	1.80	<1.00	<1.00	<1.00	0.132	0.248
	05/21/02	1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	10/15/02	NA	NA	NA	NA	NA	NA
	01/22/03	1.00	<1	<1	<1	<0.10	0.124
	04/24/03	<1	<1	<1	<1	<0.10	0.124
	07/14/03	<1.00	<1.0	<1.0	<1.0	<0.10	0.276
	10/17/03	<1.0	<1.0	<1.0	<3.0	<0.10	0.98
	01/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/26/04	<1.0	<1.0	<1.0	<3.0	<0.10	0.087

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-16 cont.	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.08
	07/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.053
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.050
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.084
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.063
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.12
	07/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.12
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	<0.050
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	0.16
	10/21/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/20/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.25
MW-17	06/02/00	<0.5	<0.5	<0.5	<2	<1.0	<1.0
	08/02/00	6	<0.5	9.3	<2	<0.97	<0.97
	11/15/00	3.9	1.9	5.4	2.1	0.65	5.6
	03/06/01	6.8	1.9	39	14	0.98	<0.54
	06/25/01	1.3	<0.5	0.7	<2	0.44	NS
	09/26/01	1.4	2.2	1.2	<2	0.49	<0.50
	12/12/01	8	<1.00	50.4	40.1	1.12	1.82
	05/21/02	4	<1.00	1.8	<1.00	0.423	0.834
	10/15/02	<1.00	<1.00	<1.00	<1.00	0.105	NA
	01/22/03	<1	<1	<1	<1	<1.0	0.124
	04/24/03	<1	<1	<1	<1	<1.0	0.124
	07/14/03	<1.00	<1	<1	<1	<1.0	0.126
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.072
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.062
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.068
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.056
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.062
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.480
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.230
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.16
	07/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.08
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.20
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	0.25
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	0.31
	07/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	0.33
	10/21/08	<1.0	<1.0	<1.0	<1.0	NA	0.21
MW-18	06/02/00	600	0.66	120	45	<1.0	<1.0
	08/02/00	780	<0.5	150	46	<0.99	<0.99
	11/15/00	850	0.94	93	50	4.60	1.10
	03/06/01	840	<2.5	160	65	8.70	<0.55
	06/25/01	660	2.6	150	<2	1.0	0.59
	09/26/01	500	<5.0	93	39	4.4	<0.51
	12/12/01	529	<10	127	54	4.05	0.261
	05/21/02	483	<1.00	105	52	4.48	<0.101
	10/16/02	NA	NA	NA	NA	NA	0.174
	01/23/03	121	<1	11	16.2	1.86	<0.10
	04/25/03	591	<1	135	61.1	4.08	0.183
	07/14/03	589	<10	219	101	6.39	0.438
	10/20/03	300	2.3	<1.0	<3.0	1.90	0.13
	01/21/04	260	<1.0	130	73	4.30	0.11
	04/21/04	360	<1.0	69	55	3.0	<0.20
	07/22/04	520	<1.0	110	70	4.0	0.15
	10/28/04	300	<1.0	8.7	19	1.6	0.12
	01/26/05	310	<1.0	14	24	1.8	0.15
	04/20/05	550	<1.0	49	31	2.7	0.15
	07/21/05	<1.0	<1.0	<1.0	<3.0	3.5	0.11
	10/20/05	820	7.5	49	37	3.7	0.18
	01/26/06	890	33	37	46	3.9	0.12
	04/27/06	1,600	54	71	83	6.1	0.14
	07/27/06	2,400	140	86	110	8.7	0.54

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-18 cont.	10/26/06	2,600	100	200	400	8.9	0.19
	01/26/07	2,700	<1.0	110	96	9.3	0.27
	04/26/07	3,000	<1.0	230	200	9.2	0.30
	07/25/07	2,700	<1.0	96	87	9.6	0.42
	10/25/07	2,600	<1.0	81	83	7.9	0.29
	01/30/08	3,500	<1.0	78	51	7	0.29
	04/24/08	3,100	<10.0	80	59	8.6	0.31
	07/24/08	4,800	<5.0	58	39.3	10	0.22
	10/22/08	5,200	1.8	140	108	NA	0.25
	01/21/09	3,900	<25.0	100	64	11	0.24
MW-19	06/02/00	<0.5	<0.5	<0.5	<2	<1.0	<1.0
	08/02/00	1.8	6.3	<0.5	11.2	<1.0	<1.0
	11/15/00	<0.5	<0.5	<0.5	<2	<0.10	<0.51
	03/06/01	<0.5	<0.5	<0.5	<2	<0.10	<0.55
	06/25/01	<0.5	0.58	<0.5	<2	<0.10	<0.56
	09/26/01	<0.5	<0.5	<0.5	<2	<0.10	<0.54
	12/12/01	<1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	05/21/02	<1.00	<1.00	<1.00	<1.00	0.106	<0.101
	10/15/02	<1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	01/22/03	<1.00	<1.00	<1.00	<1.00	<0.10	<0.10
	04/24/03	<1.00	<1.00	<1.00	<1.00	<0.10	<0.10
	07/14/03	<1.00	<1.0	<1.0	<1.0	<0.10	<0.10
	10/17/03	<1.0	<1.0	<1.0	<3.0	<0.10	0.17
	01/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/22/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/27/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.10
	07/21/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.048
	01/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.084
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/27/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.11
	10/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.059
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.061
	07/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	<0.050
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	<0.050
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
MW-20	06/02/00	<0.5	<0.5	<0.5	<2	<1.0	<1.0
	08/02/00	4	3.8	4.1	12.7	<1.0	<1.0
	11/15/00	<0.5	<0.5	<0.5	<2	<0.10	1.20
	03/06/01	<0.5	<0.5	<0.5	<2	<0.10	0.55
	06/25/01	<0.5	0.7	<0.5	<2	<0.10	<0.56
	09/26/01	<0.5	<0.5	<0.5	<2	<0.10	<0.52
	12/12/01	<1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	05/21/02	<1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	10/15/02	<1.00	<1.00	<1.00	<1.00	<0.10	NA
	01/22/03	<1.00	<1.00	<1.00	<1.00	<0.10	<0.10
	04/24/03	<1.00	<1.00	<1.00	<1.00	<0.10	<0.10
	07/14/03	<1.00	<1.0	<1.0	<1.0	<0.10	0.10
	10/17/03	<1.0	<1.0	<1.0	<3.0	<0.10	0.63
	01/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/26/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.15
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.067
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-20 cont.	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.061
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.075
	07/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	<0.050
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	<0.050
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	0.19
	10/21/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/20/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.067
MW-21	06/13/02	<1.00	<1.00	<1.00	<1.00	<0.10	<0.10
	10/15/02	NA	NA	NA	NA	NA	<0.105
	01/22/03	<1	<1	<1	<1	<0.10	<0.116
	04/24/03	<1	<1	<1	<1	<0.10	<0.116
	07/14/03	<1.00	<1.0	<1.0	<1.0	<0.10	0.14
	10/17/03	<1.0	<1.0	<1.0	<3.0	<0.10	0.75
	01/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/26/04	<1.0	<1.0	<1.0	<3.0	<0.10	0.090
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.25
	07/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.10
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.053
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.10
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.10
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.074
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.087
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.18
	07/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	<0.050
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.11
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	10/21/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/20/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
MW-22	06/13/02	NA	NA	NA	NA	NA	<0.10
	06/20/02	<1.0	<1.0	<1.0	<1.0	<0.10	<0.101
	10/15/02	<1.0	<1.0	<1.0	<1.0	<0.10	<0.102
	01/22/03	<1.0	<1.0	<1.0	<1.0	<0.10	<0.101
	04/24/03	<1.0	<1.0	<1.0	<1.0	<0.10	<0.101
	07/14/03	<1.00	<1.0	<1.0	<1.0	<0.10	<0.10
	10/17/03	<1.0	<1.0	<1.0	<3.0	<0.10	0.35
	01/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/22/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/27/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/21/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.094
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.073
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.081
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.068
	04/26/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.20
	07/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.13
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	<0.050
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
MW-23	06/13/02	<1.00	<1.00	<1.00	<1.00	<0.10	<0.10
	10/15/02	<1.00	<1.00	<1.00	<1.00	<0.10	0.353
	01/22/03	<1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	04/24/03	<1.00	<1.00	<1.00	<1.00	<0.10	<0.101
	07/14/03	<1.00	<1.00	<1.00	<1.00	<0.10	<0.10

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-23 cont.	10/17/03	<1.0	<1.0	<1.0	<3.0	<0.10	0.33
	01/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/21/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.20
	07/22/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/27/04	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/26/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.089
	07/21/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.20
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.099
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.055
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.097
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.052
	07/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.098
	10/24/07	1.6	<1.0	1.0	<3.0	<0.10	<0.050
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	<0.05
	01/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
MW-24	07/22/04	400	36	37	35	2.2	0.45
	10/27/04	48	4.9	11	<3.0	0.65	0.33
	01/26/05	80	<1.0	17	12	0.65	0.32
	04/20/05	150	<1.0	38	14	2.2	0.53
	07/20/05	65	4.1	23	5.4	0.55	0.51
	10/19/05	140	<1.0	60	21	1.9	0.38
	10/19/05 D	110	<1.0	31	11	1.2	0.43
	01/25/06	93	2.3	35	11	1.3	0.54
	01/25/06 D	75	6.8	30	10	1.1	0.42
	04/26/06	230	29.0	80	29	3.4	0.24
	04/26/06 D	200	24.0	65	24	2.6	0.42
	07/26/06	100	39.0	68	26	1.4	0.58
	07/26/06 D	110	43.0	72	27	1.4	0.55
	10/25/06	45	19.0	41	17	1.2	0.22
	10/25/06 D	46	20.0	40	17	1.2	0.26
	01/25/07	19	7.1	34	12	0.68	0.34
	01/25/07 D	21	7.8	35	12	0.92	0.34
	04/25/07	6.3	1.6	16	3.1	0.22	0.35
	04/25/07 D	2.3	<1.0	6.6	<3.0	0.19	0.30
	07/24/07	5.7	1.5	17	3.4	8.0	0.26
	07/24/07 D	5.1	1.3	15	3.1	0.34	0.21
	10/24/07	<1.0	<1.0	3.0	<3.0	0.26	3.9
	01/30/08	1.8	<1.0	6.9	1.2	0.21	0.16
	04/23/08	1.2	<1.0	8.4	1.4	0.21	0.27
	4/23/08 D	3.2	3.4	33	7.0	0.63	0.26
	07/24/08	3.2	2.9	19	4.5	0.29	0.32
	7/24/08 D	4.5	4.7	36	9.1	0.54	0.27
	10/21/08	<1.0	1.2	1.8	<1.0	NA	0.26
	10/21/08 D	4.4	13	38	9.9	NA	0.34
	01/21/09	1.6	6.8	16	6.1	0.79	0.48
	1/21/09 D	<1.0	2	3.4	2	1.1	0.45
MW-25	07/22/04	5.8	<1.0	28	25	0.71	0.094
	10/27/04	7.1	<1.0	36	9.9	0.63	0.35
	01/26/05	3.4	<1.0	25	8.9	0.28	0.29
	04/20/05	7.4	3.6	55	16	0.60	0.23
	07/19/05	4.4	2.1	30	9.6	0.48	0.25
	10/19/05	2.0	<1.0	14	3.2	0.28	0.68
	01/25/06	2.8	<1.0	19	4.4	0.34	0.70
	04/26/06	3.8	<1.0	27	3.4	0.42	0.85
	07/26/06	2.6	<1.0	12	<3.0	0.21	1.20
	10/25/06	<1.0	<1.0	2	<3.0	0.13	0.40
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.52
	04/25/07	<1.0	<1.0	1.0	<3.0	<0.10	0.43
	07/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.36
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.39
	01/30/08	<1.0	<1.0	<1.0	<3.0	0.12	0.39
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	0.41

Table 2b
Groundwater Analytical Data - Organics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	TPH-GRO (mg/L)	TPH-DRO (mg/L)
MW-25 cont.	07/24/08	<1.0	<1.0	<1.0	<1.0	<0.10	0.20
	10/21/08	<1.0	<1.0	<1.0	<1.0	NA	0.14
	01/20/09	<1.0	<1.0	<1.0	<1.0	<0.10	0.16
MW-26	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.053
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.066
	01/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.16
	04/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.35
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.30
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.98
	01/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.65
	04/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.092
	07/25/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.89
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.39
	01/30/08	<1.0	<1.0	<1.0	<3.0	<0.10	0.16
	04/23/08	<1.0	<1.0	<1.0	<1.0	<0.10	<0.10
	07/24/08	<1.0	<1.0	<1.0	<1.0	<0.10	0.29
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	0.053
	01/21/09	<1.0	<1.0	<1.0	<1.0	<0.10	<0.05
MW-27	04/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	0.095
	07/20/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	07/20/05 D	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	10/19/05	<1.0	<1.0	<1.0	<3.0	<0.10	<0.048
	01/25/06	7.1	<1.0	<1.0	<3.0	<0.10	0.16
	01/25/06 D	<1.0	<1.0	<1.0	<3.0	<0.10	0.17
	04/26/06	52.00	14.00	5.70	17.0	0.45	0.097
	07/26/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.10
	10/25/06	<1.0	<1.0	<1.0	<3.0	<0.10	0.47
	01/25/07	1.20	<1.0	<1.0	<3.0	<0.10	0.12
	04/25/07	30	2.5	1.5	<3.0	<0.10	0.62
	07/25/07	1.8	<1.0	<1.0	<3.0	<0.10	0.94
	10/24/07	<1.0	<1.0	<1.0	<3.0	<0.10	0.22
	01/30/08	6.1	<1.0	<1.0	<3.0	<0.10	<0.10
	04/23/08	37	7.9	1.8	2.1	0.14	<0.10
	07/24/08	140	33	6.3	11	0.57	0.20
	10/22/08	13	1.1	<1.0	<1.0	NA	0.07
	01/21/09	170	8.6	2.4	7.5	0.48	<0.05
SVE-10	01/23/03	1,120	136	188	331	8.89	0.961
	04/25/03	367	560	69	296	5.18	1.30
	07/14/03	189	29.8	26.9	85.6	1.74	0.991
	10/20/03	<1.0	<1.0	<1.0	<3.0	0.42	0.46
	01/22/04	1.7	1.0	2.0	<3.0	<0.10	0.42
	04/22/04	110	<1.0	11	<3.0	0.41	0.35
	07/23/04	77	<1.0	14	<3.0	0.46	0.48
	10/28/04	24	1.5	10	7.8	0.40	1.2
	01/27/05	12	<1.0	12	<3.0	0.19	0.68
	04/20/05	<1.0	<1.0	14	<3.0	0.12	0.35
	07/21/05	23	1.3	27	<3.0	0.26	0.47
	10/20/05	22	1.4	25	<3.0	0.27	0.29
	01/26/06	1.7	<1.0	20	<3.0	0.29	0.52
	04/27/06	<1.0	<1.0	10	<3.0	0.21	0.30
	07/27/06	<1.0	<1.0	4	<3.0	0.17	0.28
	10/26/06	<1.0	<1.0	<1.0	<3.0	0.16	0.17
	01/26/07	3.5	<1.0	5.0	<3.0	0.42	0.42
	04/26/07	1.8	<1.0	12.0	<3.0	0.56	0.41
	07/25/07	2.6	<1.0	8.3	<3.0	0.52	0.42
	10/25/07	<1.0	<1.0	3.2	<3.0	0.39	0.30
	01/31/08	21	<1.0	22	<3.0	0.43	0.21
	04/24/08	14	<1.0	26	<1.0	0.56	0.26
	07/25/08	180	<1.0	16	12	0.68	0.28
	10/22/08	<1.0	<1.0	<1.0	<1.0	NA	0.2
	01/21/09	1.3	<1.0	<1.0	<1.0	0.18	0.18
SP-1	06/02/00	9.4	7.4	2.5	7	<1.0	<1.0

Notes:
µg/L = micrograms per liter
mg/L = milligrams per liter
NA= not analyzed
TPH-GRO = Total Volatile Petroleum Hydrocarbons (TVPH)
TPH-DRO = Total Extractable Petroleum Hydrocarbons (TEPH)
D = Duplicate Sample

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-3	01/23/03	176			
	04/24/08	47.9			
	07/25/08	44.7			
	10/22/08	32.9			
MW-4	01/13/00	210			
	04/06/00	180			
	08/02/00	140			
	11/15/00	180			
	03/06/01	180			
	06/25/01	200			
	09/26/01	180			
	12/12/01	158			
	05/21/02	144	569	1,330	51
	10/16/02	81			
	01/23/03	173			
	04/25/03	159			
	07/14/03	166			
	10/17/03	190			
	01/22/04	176			
	04/22/04	180			
	07/22/04	192			
	10/28/04	186			
	01/26/05	173			
	04/20/05	128			
	07/20/05	51.5			
	10/19/05	37.7			
	01/25/06	39.4			
	04/26/06	58.0			
	07/26/06	48.1			
	10/25/06	113.0			
	01/25/07	52.1			
	04/25/07	68.8			
	07/25/07	51.6			
	10/24/07	38.5			
	01/30/08	36.8			
	04/23/08	34.5			
	07/24/08	41.7			
	10/22/08	32.9			
	01/21/09	34.4			
MW-5	01/13/00	130			
	04/06/00	130			
	08/02/00	130			
	11/15/00	180			
	03/06/01	210			
	06/25/01	240			
	09/26/01	260			
	12/12/01	216			
	05/21/02	180	619	698	29
	10/16/02	51			
	01/23/03	187			
	04/25/03	173			
	07/14/03	184			
	10/17/03	192			
	01/22/04	179			
	04/22/04	188			
	04/22/04 D	189			
	07/23/04	197			
	10/28/04	196			
	01/26/05	190			
	01/26/05 D	188			
	04/20/05	184			
	07/20/05	196			
	10/19/05	187			
	01/25/06	200			
	04/26/06	196			
	07/26/06	177			
	10/25/06	133			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-5 cont.	01/25/07	71.0			
	04/25/07	48.7			
	07/25/07	44.8			
	10/24/07	32.9			
	01/30/08	38.6			
	04/23/08	36.1			
	07/24/08	21.4			
	10/22/08	19.5			
	01/21/09	24.5			
MW-6	01/13/00	230			
	04/06/00	200			
	07/20/05	106			
	10/20/05	99.2			
	01/26/06	161			
	07/27/06	90.1			
	10/26/06	60.6			
	01/26/07	62.5			
	04/26/07	85.4			
	07/25/07	126			
	10/25/07	170			
	10/25/07 D	155			
	01/31/08	147			
	01/31/08 D	146			
	04/24/08	121			
	07/25/08	101			
	10/22/08	97.9			
	01/21/09	111			
MW-8	01/13/00	160			
	04/06/00	90			
	08/02/00	84			
	11/15/00	100			
	03/06/01	87			
	06/25/01	75			
	09/26/01	72			
	12/12/01	85			
	05/21/02	104	546	638	76
	10/16/02	42.4			
	01/22/03	106			
	01/31/08	107			
MW-9	04/24/08	55.1			
MW-10	01/13/00	180			
	04/06/00	180			
	08/02/00	140			
MW-11	04/06/00	310			
	08/02/00	270			
	11/15/00	300			
	03/06/01	280			
	06/25/01	290			
	04/24/08	238			
	07/25/08	271			
	10/22/08	185			
	01/21/09	206			
MW-12	04/06/00	190			
	08/02/00	150			
	11/15/00	190			
	03/06/01	180			
	06/25/01	190			
	09/26/01	180			
	12/12/01	169			
	05/21/02	180	864	2,050	478
	10/16/02	69.5			
	01/23/03	180			
	04/25/03	179			
	07/14/03	204			
	10/20/03	197			
	01/21/04	183			
	04/21/04	188			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-12 cont.	07/23/04	195			
	07/23/04 D	196			
	10/28/04	196			
	01/27/05	187			
	01/27/05 D	193			
	04/20/05	151			
	04/20/05 D	154			
	07/21/05	180			
	07/21/05 D	179			
	10/20/05	149			
	10/20/05 D	158			
	01/26/06	168			
	01/26/06 D	183			
	04/27/06	169			
	4/27/06 D	178			
	07/27/06	162			
	07/27/06 D	136			
	10/26/06	172			
	10/26/06 D	170			
	01/26/07	174			
	01/26/07 D	164			
	04/25/07	175			
	04/25/07 D	166			
	07/25/07	177			
	07/25/07 D	192			
	10/25/07	211			
	10/25/07 D	187			
	01/31/08	181			
	01/31/08 D	177			
	04/24/08	185			
	4/24/08 D	183			
	07/25/08	182			
	7/25/08 D	180			
	10/22/08	138			
	10/22/08 D	134			
	01/21/09	165			
	01/21/09 D	156			
MW-13	06/02/00	91			
	08/02/00	61			
	11/15/00	63			
	03/06/01	66			
	06/25/01	200			
	09/26/01	66			
	12/12/01	69.5			
	05/21/02	58.5	617	563	23
	10/16/02	71.5			
	01/22/03	72.6			
	04/24/03	67.0			
	07/14/03	72.2			
	10/17/03	67.6			
	01/21/04	68.8			
	04/21/04	62.2			
	07/22/04	64.6			
	10/27/04	59.7			
	01/26/05	66.9			
	04/20/05	69.0			
	07/21/05	64.9			
	10/20/05	63.9			
	01/25/06	68.1			
	04/26/06	65.8			
	07/26/06	71.5			
	10/25/06	91.4			
	01/25/07	65.0			
	04/25/07	69.8			
	07/25/07	71.2			
	10/24/07	61.9			
	01/30/08	71.2			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-13 cont.	04/23/08	71.5			
	07/24/08	74.0			
	10/22/08	59.9			
	01/21/09	65.4			
MW-14	06/02/00	180			
	08/02/00	170			
	11/15/00	190			
	03/06/01	190			
	06/25/01	200			
	09/26/01	200			
	12/12/01	197			
	05/21/02	162	745	3,290	342
	10/16/02	67			
	01/23/03	228			
	04/25/03	194			
	07/14/03	242			
	10/17/03	214			
	01/21/04	200			
	04/21/04	201			
	07/22/04	203			
	10/28/04	91.7			
	01/26/05	87.7			
	04/20/05	141			
	07/21/05	107			
	10/20/05	234			
	01/26/06	166			
	04/27/06	183			
	07/27/06	164			
	10/26/06	189			
	01/25/07	178			
	04/26/07	192			
	07/25/07	188			
	10/25/07	209			
	01/30/08	194			
	04/23/08	171			
	07/24/08	196			
	10/22/08	131			
	01/21/09	189			
MW-15	06/02/00	170			
	08/02/00	160			
	11/15/00	170			
	07/20/05	143			
	10/19/05	137			
	01/25/06	180			
	04/26/06	301			
	07/26/06	327			
	10/25/06	321			
	01/25/07	321			
	04/25/07	290			
	07/24/07	251			
	10/24/07	287			
	01/30/08	289			
	04/23/08	297			
	07/24/08	372			
	10/21/08	200			
	01/21/09	285			
MW-16	06/02/00	220			
	08/02/00	210			
	11/15/00	210			
	03/06/01	240			
	06/25/01	240			
	09/26/01	67			
	12/12/01	172			
	05/21/02	159	540	2,940	83
	10/15/02	194			
	01/22/03	206			
	04/24/03	176			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-16 cont.	07/14/03	190			
	10/17/03	200			
	01/21/04	182			
	04/21/04	184			
	07/21/04	185			
	10/26/04	188			
	01/26/05	178			
	04/20/05	193			
	07/19/05	189			
	10/19/05	178			
	01/25/06	174			
	04/26/06	179			
	07/26/06	141			
	10/25/06	175			
	01/25/07	156			
	04/25/07	156			
	07/24/07	168			
	10/24/07	175			
	01/30/08	173			
	04/23/08	160			
	07/23/08	168			
	10/21/08	142			
	01/20/09	151			
MW-17	06/02/00	140			
	08/02/00	110			
	11/15/00	130			
	03/06/01	130			
	06/25/01	140			
	09/26/01	130			
	12/12/01	147			
	05/21/02	132	575	1,040	202
	10/15/02	149			
	01/22/03	76.7			
	04/24/03	84.3			
	07/14/03	143			
	01/26/05	146			
	04/20/05	126			
	07/19/05	127			
	10/19/05	123			
	01/25/06	145			
	04/26/06	142			
	07/26/06	134			
	10/25/06	127			
	01/25/07	138			
	04/25/07	189			
	07/24/07	266			
	10/24/07	248			
	01/30/08	255			
	04/23/08	245			
	07/23/08	284			
	10/21/08	188			
MW-18	06/02/00	190			
	08/02/00	160			
	11/15/00	210			
	03/06/01	190			
	06/25/01	210			
	09/26/01	190			
	12/12/01	182			
	05/21/02	184	1,070	2,930	374
	10/16/02	102			
	01/23/03	218			
	04/25/03	195			
	07/14/03	193			
	10/20/03	207			
	01/21/04	193			
	04/21/04	195			
	07/22/04	205			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-18 cont.	10/28/04	205			
	01/26/05	206			
	04/20/05	193			
	07/21/05	206			
	10/20/05	176			
	01/26/06	198			
	04/27/06	199			
	07/27/06	184			
	10/26/06	191			
	01/26/07	191			
	04/26/07	203			
	07/25/07	196			
	10/25/07	219			
	01/30/08	205			
	04/24/08	201			
	07/24/08	208			
	10/22/08	148			
	01/21/09	197			
MW-19	06/02/00	140			
	08/02/00	110			
	11/15/00	130			
	03/06/01	130			
	06/25/01	150			
	09/26/01	140			
	12/12/01	144			
	05/21/02	150	824	2,750	40
	10/15/02	180			
	01/22/03	177			
	04/24/03	161			
	07/14/03	20.3			
	10/17/03	117			
	01/21/04	169			
	04/21/04	173			
	07/22/04	177			
	10/27/04	171			
	01/26/05	187			
	04/20/05	156			
	07/21/05	177			
	10/20/05	161			
	01/26/05	137			
	04/26/06	123			
	07/27/06	99.8			
	10/26/06	116.0			
	01/25/07	93.7			
	04/25/07	92.6			
	07/25/07	97.7			
	10/24/07	110			
	01/30/08	101			
	04/23/08	96.1			
	07/24/08	96.5			
	10/22/08	101			
	01/21/09	111			
MW-20	06/02/00	83			
	08/02/00	66			
	11/15/00	66			
	03/06/01	62			
	06/25/01	71			
	09/26/01	210			
	12/12/01	69			
	05/21/02	72	638	1,840	26
	10/15/02	85			
	01/22/03	83.6			
	04/24/03	77.0			
	07/14/03	85.8			
	10/17/03	76.8			
	01/21/04	74.6			
	04/21/04	69.3			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-20 cont.	07/21/04	69.4			
	10/26/04	68.5			
	01/26/05	76.0			
	04/20/05	73.7			
	07/19/05	69.9			
	10/19/05	72.0			
	01/25/06	72.9			
	04/26/06	70.0			
	07/26/06	68.0			
	10/25/06	92.6			
	02/26/07	70.5			
	04/25/07	67.8			
	07/24/07	44.5			
	10/24/07	142			
	01/30/08	85			
	04/23/08	93.5			
	07/23/08	98.1			
	10/21/08	103			
	01/20/09	109			
MW-21	06/13/02	832			
	10/15/02	857			
	01/22/03	806			
	04/24/03	414			
	07/14/03	853			
	10/17/03	886			
	01/21/04	782			
	04/21/04	684			
	07/21/04	613			
	10/26/04	907			
	01/26/05	659			
	04/20/05	555			
	07/19/05	527			
	10/19/05	483			
	01/25/06	509			
	04/26/06	552			
	07/26/06	466			
	10/25/06	499			
	02/26/07	300			
	04/25/07	572			
	07/24/07	1,010			
	10/24/07	825			
	01/30/08	1,110			
	04/23/08	984			
	07/23/08	694			
	10/21/08	855			
	01/20/09	1,060			
MW-22	06/13/02	76.5			
	10/15/02	86.5			
	01/22/03	85.7			
	04/24/03	77.0			
	07/14/03	82.0			
	10/17/03	82.8			
	01/21/04	79.4			
	04/21/04	75.3			
	07/22/04	78.3			
	10/27/04	77.5			
	01/26/05	88.3			
	04/20/05	81.1			
	07/21/05	79.3			
	10/20/05	77.5			
	01/25/06	101			
	04/26/06	74.3			
	07/26/06	81.5			
	10/25/06	101.0			
	01/25/07	80.3			
	04/26/07	79.8			
	07/25/07	83.4			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-22 cont.	10/24/07	75.3			
	01/30/08	85.4			
	04/23/08	84.6			
	07/24/08	82.1			
	10/22/08	64.2			
	01/21/09	76.2			
MW-23	06/13/02	63			
	10/15/02	36.2			
	01/22/03	58.5			
	04/24/03	130			
	07/14/03	64.6			
	10/17/03	59.2			
	01/21/04	61.3			
	04/21/04	54.8			
	07/22/04	59.0			
	10/27/04	55.5			
	01/26/05	64.8			
	04/20/05	77.6			
	07/21/05	65.0			
	10/19/05	66.5			
	01/25/06	67.7			
	04/26/06	63.4			
	07/26/06	67.2			
	10/25/06	86.5			
	01/25/07	63.6			
	04/25/07	66.8			
	07/25/07	63.7			
	10/24/07	61.6			
	01/30/08	67.9			
	04/23/08	65.7			
	07/24/08	59.5			
	10/22/08	52.2			
	01/21/09	55			
MW-24	07/22/04	165			
	10/27/04	151			
	01/26/05	182			
	04/20/05	166			
	07/20/05	169			
	10/19/05	177			
	10/19/05 D	176			
	01/25/06	191			
	01/25/06 D	187			
	04/26/06	172			
	04/26/06 D	134			
	07/26/06	176			
	07/26/06 D	177			
	10/25/06	209			
	10/25/06 D	208			
	01/25/07	209			
	01/25/07 D	217			
	04/25/07	192			
	04/25/07 D	181			
	07/24/07	174			
	07/24/07 D	192			
	10/24/07	190			
	01/30/08	185			
	04/23/08	182			
	4/23/08 D	185			
	07/24/08	217			
	7/24/08 D	216			
	10/21/08	189			
	10/21/08 D	200			
	01/21/09	269			
	1/21/09 D	294			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
MW-25	07/22/04	116			
	10/27/04	129			
	01/26/05	143			
	04/20/05	123			
	07/19/05	152			
	10/19/05	453			
	01/25/06	480			
	04/26/06	461			
	07/26/06	388			
	10/25/06	241			
	01/25/07	119			
	04/25/07	192			
	07/24/07	177			
	10/24/07	376			
	01/30/08	461			
	04/23/08	269			
	07/24/08	256			
	10/21/08	149			
	01/20/09	138			
MW-26	04/20/05	82.5			
	07/20/05	77.2			
	10/19/05	77.8			
	01/25/06	78.3			
	04/26/06	74.0			
	07/26/06	77.9			
	10/25/06	99.1			
	01/25/07	66.6			
	04/25/07	81.4			
	07/25/07	83.7			
	10/24/07	73.3			
	01/30/08	86.8			
	04/23/08	90.4			
	07/24/08	92.6			
	10/22/08	83.1			
	01/21/09	99.8			
MW-27	04/20/05	129			
	04/20/05 D	132			
	07/20/05	129			
	07/20/05 D	129			
	10/19/05	132			
	01/25/06	136			
	01/25/06 D	138			
	04/26/06	112			
	07/26/06	115			
	10/25/06	151			
	01/25/07	119			
MW-27 cont.	04/25/07	117			
	07/25/07	130			
	10/24/07	119			
	01/30/08	115			
	04/23/08	102			
	07/24/08	104			
	10/22/08	107			
	01/21/09	103			
SVE-10	01/23/03	282			
	04/25/03	241			
	07/14/03	270			
	10/20/03	255			
	01/22/04	265			
	04/22/04	236			
	07/23/04	250			
	10/28/04	243			
	01/27/05	251			
	04/20/05	204			
	07/21/05	236			
	10/20/05	183			
	01/26/06	243			

Table 2c
Groundwater Analytical Data - Inorganics
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Well Number	Sample Date	Chloride (mg/L)	Total Hardness (mg/L)	Iron (µg/L)	Manganese (µg/L)
SVE-10 cont.	04/27/06	234			
	07/27/06	230			
	10/26/06	244			
	01/26/07	234			
	04/26/07	256			
	07/25/07	247			
	10/25/07	227			
	01/31/08	234			
	04/24/08	226			
	07/25/08	253			
	10/22/08	173			
	01/21/09	205			
SP-1	06/02/00	180			

Notes:
mg/L = milligrams per liter
µg/L = micrograms per liter
D = Duplicate Sample
Blank Fields Indicate No Data

Table 3
Summary of SVE Emissions Data
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Date	Total Time (days)	Effluent Concentration (ppm)	Flow Rate (SCFM)	"SnapShot" Discharge (lbs/day)	Average Discharge for Period (lbs/day)	Incremental Discharge (lbs)	Cumulative Discharge (lbs)	Incremental Time (Days)
10/17/02	0	246	875	62.71	62.71	62.71	62.71	0
10/18/02	1	447	870	113.30	87.82	87.82	150.53	1
10/21/02	4	377	875	96.10	105.03	315.08	465.61	3
10/22/02	5	183	875	46.65	71.38	71.38	536.98	1
10/23/02	6	363	875	92.53	69.59	69.59	606.58	1
10/24/02	7	405	875	103.24	97.89	97.89	704.46	1
10/25/02	8	345	875	87.95	95.59	95.59	800.06	1
11/04/02	18	412	875	105.03	96.49	964.86	1764.91	10
11/05/02	19	631	875	160.85	132.94	132.94	1897.85	1
11/06/02	20	434	870	110.00	134.97	134.97	2032.82	1
11/07/02	21	429	875	109.36	110.00	110.00	2142.82	1
11/08/02	22	336	865	84.67	96.39	96.39	2239.21	1
11/15/02	29	552	865	139.11	111.89	783.22	3022.43	7
11/22/02	36	663	875	169.01	154.86	1084.03	4106.46	7
11/29/02	43	488	875	124.40	146.70	1026.93	5133.39	7
11/30/02	44	534	870	135.35	129.52	129.52	5262.90	1
12/16/02	60	389	870	98.60	116.97	1871.54	7134.44	16
12/17/02	61	444	875	113.18	106.17	106.17	7240.62	1
12/18/02	62	320	875	81.57	97.38	97.38	7337.99	1
12/19/02	63	464	875	118.28	99.93	99.93	7437.92	1
12/20/02	64	373	875	95.08	106.68	106.68	7544.60	1
01/14/03	89	380	865	95.76	94.88	2371.97	9916.58	25
01/15/03	90	334	870	84.66	90.48	90.48	10007.06	1
01/16/03	91	408	875	104.01	94.57	94.57	10101.63	1
02/08/03	114	445	870	112.79	108.10	2486.31	12587.94	23
02/14/03	120	175	875	44.61	79.02	474.14	13062.08	6
02/24/03	130	335	875	85.40	65.00	650.03	13712.12	10
02/25/03	131	313	870	79.33	82.12	82.12	13794.24	1
02/26/03	132	322	875	82.08	80.94	80.94	13875.17	1
02/27/03	133	318	875	81.06	81.57	81.57	13956.75	1
02/28/03	134	339	875	86.42	83.74	83.74	14040.49	1
03/13/03	147	223	875	56.85	71.63	931.21	14971.69	13
03/14/03	148	217	875	55.32	56.08	56.08	15027.78	1
04/07/03	172	234	875	59.65	57.48	1379.60	16407.38	24
04/08/03	173	195	875	49.71	54.68	54.68	16462.06	1
04/09/03	174	188	875	47.92	48.82	48.82	16510.87	1
04/10/03	175	155	875	39.51	43.72	43.72	16554.59	1
04/11/03	176	141	875	35.94	37.73	37.73	16592.32	1
05/18/03	213	227	875	57.87	46.90	1735.47	18327.79	37
05/19/03	214	203	875	51.75	54.81	54.81	18382.59	1
06/09/03	235	0	0	0.00	0.00	0.00	18382.59	21
07/14/03	270	0	0	0.00	0.00	0.00	18382.59	35
07/15/03	271	445	875	113.44	56.72	56.72	18439.31	1
07/21/03	277	297	875	75.71	94.57	567.44	19006.75	6
07/22/03	278	321	875	81.83	78.77	78.77	19085.52	1
08/01/03	288	248	875	63.22	72.52	725.24	19810.76	10
08/24/03	311	237	875	60.42	61.82	1421.79	21232.55	23
09/09/03	327	119	875	30.33	45.37	726.00	21958.55	16
09/10/03	328	134	875	34.16	32.25	32.25	21990.80	1
09/11/03	329	118	870	29.91	31.94	31.94	22022.73	1
09/12/03	330	126	875	32.12	31.10	31.10	22053.83	1
10/20/03	368	50	875	12.75	22.43	852.44	22906.27	38
11/24/03	403	255	875	65.00	38.87	1360.61	24266.88	35
12/30/03	439	155	875	39.51	52.26	1881.28	26148.16	36
01/29/04	469	147	873	37.39	38.40	1152.13	27300.29	30
02/16/04	487	142	849	35.12	35.74	643.33	27943.62	18
02/25/04	496	116	861	29.10	32.36	291.22	28234.84	9
03/25/04	525	114	875	29.06	29.32	850.14	29084.99	29
04/14/04	545	181	875	46.14	37.60	752.00	29836.99	20
04/27/04	558	158	875	40.28	43.21	561.71	30398.70	13

Table 3
Summary of SVE Emissions Data
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

Date	Total Time (days)	Effluent Concentration (ppm)	Flow Rate (SCFM)	"SnapShot" Discharge (lbs/day)	Average Discharge for Period (lbs/day)	Incremental Discharge (lbs)	Cumulative Discharge (lbs)	Incremental Time (Days)
05/26/04	587	127	875	32.37	36.33	1053.44	31452.13	29
06/09/04	601	108	875	27.53	29.95	419.34	31871.47	14
06/30/04	622	97.6	875	24.88	26.21	550.31	32421.78	21
07/27/04	649	104	875	26.51	25.70	693.78	33115.56	27
08/03/04	656	94.2	875	24.01	25.26	176.83	33292.40	7
08/24/04	677	112	875	28.55	26.28	551.92	33844.31	21
09/08/04	692	114	875	29.06	28.81	432.08	34276.40	15
09/20/04	704	100	875	25.49	27.28	327.31	34603.71	12
10/05/04	719	109	875	27.79	26.64	399.58	35003.29	15
11/11/04	756	91.9	875	23.43	25.61	947.43	35950.72	37
11/22/04	767	72	875	18.35	20.89	229.79	36180.51	11
12/29/04	804	66	875	16.82	17.59	650.80	36831.31	37
01/27/05	833	54	875	13.77	15.29	443.55	37274.87	29
02/14/05	851	35.9	875	9.15	11.46	206.25	37481.12	18
03/02/05	867	29.1	875	7.42	8.28	132.56	37613.68	16
03/23/05	888	28.3	875	7.21	7.32	153.64	37767.31	21
04/08/05	904	26.5	875	6.76	6.98	111.76	37879.07	16
04/12/05	908	27.9	875	7.11	6.93	27.73	37906.80	4
05/16/05	942	18.2	875	4.64	5.88	199.78	38106.58	34
05/23/05	949	19.5	875	4.97	4.81	33.64	38140.22	7
06/01/05	958	17.1	875	4.36	4.66	41.98	38182.20	9
06/10/05	967	17.5	875	4.46	4.41	39.69	38221.89	9
06/17/05	974	19.2	875	4.89	4.68	32.74	38254.63	7
06/29/05	986	17.8	875	4.54	4.72	56.59	38311.23	12
08/11/05	1029	22.9	875	5.84	5.19	223.06	38534.29	43
08/17/05	1035	17.2	875	4.38	5.11	30.67	38564.96	6
09/15/05	1064	5.0	875	1.27	2.83	82.06	38647.01	29
09/29/05	1078	3.8	875	0.97	1.12	15.70	38662.72	14
11/03/05	1113	0.0	875	0.00	0.48	16.95	38679.67	35
11/10/05	1120	0.0	875	0.00	0.00	0.00	38679.67	7
11/16/05	1126	0.0	875	0.00	0.00	0.00	38679.67	6
11/29/05	1139	0.0	875	0.00	0.00	0.00	38679.67	13
12/06/05	1146	0.0	875	0.00	0.00	0.00	38679.67	7
12/12/05	1147	0.0	875	0.00	0.00	0.00	38679.67	6
01/10/06	1147	6.4	875	1.63	1.63	1.63	38681.30	35
09/14/06	1148	346	875	88.20	88.20	22.05	38703.35	247
09/21/06	1155	203	875	51.75	51.75	362.24	39065.59	7
09/25/06	1159	145	875	36.96	36.96	147.85	39213.44	4
10/02/06	1166	121	875	30.84	30.84	215.91	39429.35	7
10/10/06	1174	115	875	29.32	29.32	234.52	39663.87	8
10/16/06	1180	110	875	28.04	28.04	168.24	39832.12	6
10/30/06	1184	155	875	39.51	39.51	553.17	40385.28	14
11/06/06	1191	116	875	29.57	29.57	206.99	40592.28	7
11/21/06	1206	160	875	40.79	40.79	611.80	41204.07	15
11/28/06	1213	70.2	875	17.90	17.90	125.27	41329.34	7
12/05/06	1220	62.5	875	15.93	15.93	111.53	41440.86	7
12/11/06	1226	46.2	875	11.78	11.78	70.66	41511.53	6
12/18/06	1233	40.6	875	10.35	10.35	72.45	41583.97	7
01/02/07	1234	49.1	875	12.52	12.52	187.75	41771.72	15
01/08/07	1240	42.1	875	10.73	10.73	64.39	41836.11	6
01/16/07	1248	42.1	875	10.73	10.73	85.86	41921.97	8
02/05/07	1259	31.9	875	8.13	8.13	162.64	42084.60	20
02/26/07	1280	27.2	875	6.93	6.93	145.61	42230.21	21
03/05/07	1287	29.0	875	7.39	7.39	51.75	42281.96	7
03/13/07	1295	27.4	875	6.98	6.98	55.88	42337.84	8
03/14/07	1296	26.4	875	6.73	6.73	6.73	42344.57	1
03/26/07	1308	34.9	875	8.90	8.90	106.76	42451.32	12
04/02/07	1315	26.4	875	6.73	6.73	47.11	42498.43	7
05/29/07	1356	32.8	875	8.36	8.36	476.59	42975.02	57
06/04/07	1362	22.3	875	5.68	5.68	34.11	43009.13	6

Table 3
Summary of SVE Emissions Data
ConocoPhillips - East Hobbs Junction
Hobbs, New Mexico

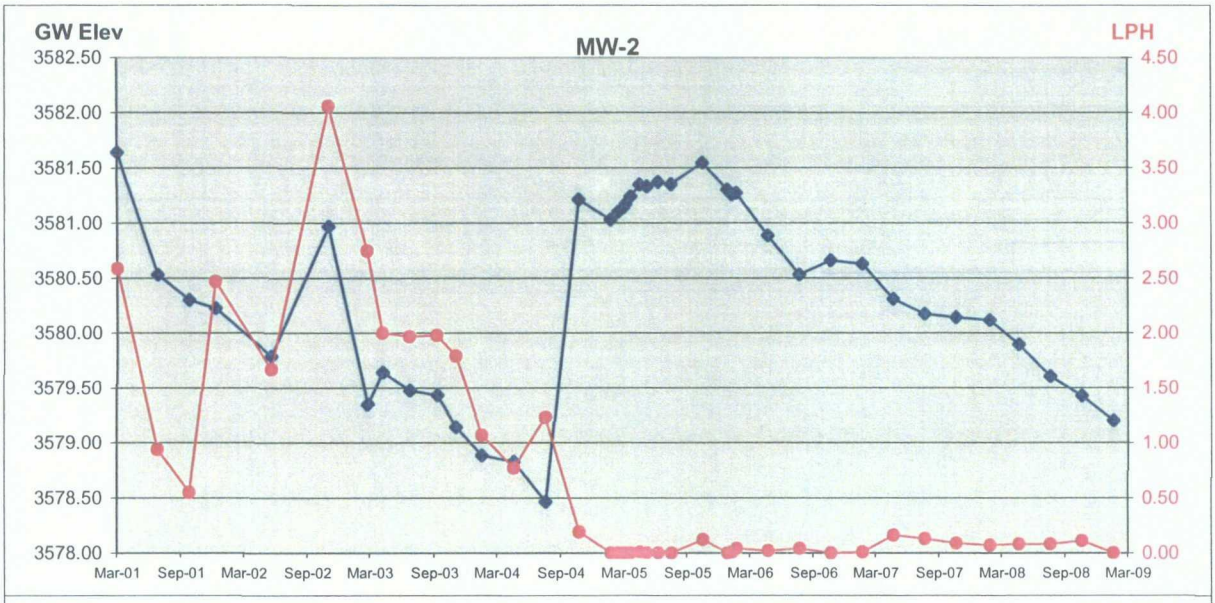
Date	Total Time (days)	Effluent Concentration (ppm)	Flow Rate (SCFM)	"SnapShot" Discharge (lbs/day)	Average Discharge for Period (lbs/day)	Incremental Discharge (lbs)	Cumulative Discharge (lbs)	Incremental Time (Days)
06/11/07	1369	36.3	875	9.25	9.25	64.77	43073.90	7
06/18/07	1376	31.5	875	8.03	8.03	56.21	43130.11	7
06/26/07	1384	37.9	875	9.66	9.66	77.29	43207.40	8
08/07/07	1429	66.3	875	16.90	16.90	709.84	43917.24	42
08/27/07	1449	67.4	875	17.18	17.18	343.63	44260.87	20
09/04/07	1457	74.8	875	19.07	19.07	152.54	44413.41	8
09/10/07	1463	81.4	875	20.75	20.75	124.50	44537.91	6
10/02/07	1485	61.2	875	15.60	15.60	343.22	44881.13	22
10/31/07	1500	75.9	875	19.35	19.35	561.09	45442.22	29
11/12/07	1512	66.9	875	17.05	17.05	204.65	45646.87	12
11/19/07	1519	58.6	875	14.94	14.94	104.57	45751.44	7
12/05/07	1535	32.5	875	8.28	8.28	132.56	45883.99	16
12/10/07	1540	33.7	875	8.59	8.59	42.95	45926.95	5
12/20/07	1550	24.0	875	6.12	6.12	61.18	45988.13	10
01/07/08	1568	20.0	875	5.10	5.10	91.77	46079.90	18
02/12/08	1604	23.5	875	5.99	5.99	215.66	46295.55	36
03/11/08	1632	20.5	875	5.23	5.23	146.32	46441.88	28
03/17/08	1638	21.2	875	5.40	5.40	32.43	46474.30	6
03/24/08	1645	23.3	875	5.94	5.94	41.58	46515.88	7
03/31/08	1652	24.0	875	6.12	6.12	42.83	46558.70	7
05/20/08	1702	25.1	875	6.40	6.40	319.92	46878.62	50
06/02/08	1715	26.6	875	6.78	6.78	88.15	46966.77	13
06/16/08	1729	34.4	875	8.77	8.77	122.77	47089.54	14
06/30/08	1743	66.0	875	16.82	16.82	235.54	47325.08	14
07/14/08	1757	0.0	0	0.00	0.00	0.00	47325.08	14
08/18/08	1792	96.8	875	24.68	24.68	0.17	47325.25	35
08/20/08	1794	104.0	875	26.51	26.51	0.19	47325.44	2
09/09/08	1814	79.6	875	13.53	13.53	270.55	47595.99	20
09/15/08	1820	85.3	875	14.50	14.50	86.98	47682.97	6
09/22/08	1827	82.2	875	13.97	13.97	97.79	47780.75	7
09/29/08	1834	92.3	875	15.69	15.69	109.80	47890.55	7
10/07/08	1842	100.0	875	16.99	16.99	135.96	48026.51	8
10/14/08	1849	0.0	0	0.00	0.00	0.00	48026.51	7
10/20/08	1855	0.0	0	0.00	0.00	0.00	48026.51	6
10/28/08	1863	112.0	875	19.03	19.03	152.27	48178.78	8
11/10/08	1876	0.0	0	0.00	0.00	0.00	48178.78	13
11/24/08	1890	94.8	875	16.11	16.11	225.55	48404.33	14
12/01/08	1897	94.6	875	16.08	16.08	112.54	48516.86	7
12/08/08	1904	87.8	875	14.92	14.92	104.45	48621.31	7
12/24/08	1920	75.8	875	12.88	12.88	206.11	48827.42	16
12/29/08	1925	77.0	875	13.09	13.09	65.43	48892.85	5
01/06/09	1933	0.0	0	0.00	0.00	0.00	48892.85	8
01/14/09	1941	90.5	875	15.38	15.38	123.04	49015.89	8
01/19/09	1946	0.0	0	0.00	0.00	0.00	49015.89	5
02/26/09	1984	96.6	875	16.42	16.42	623.83	49639.72	38

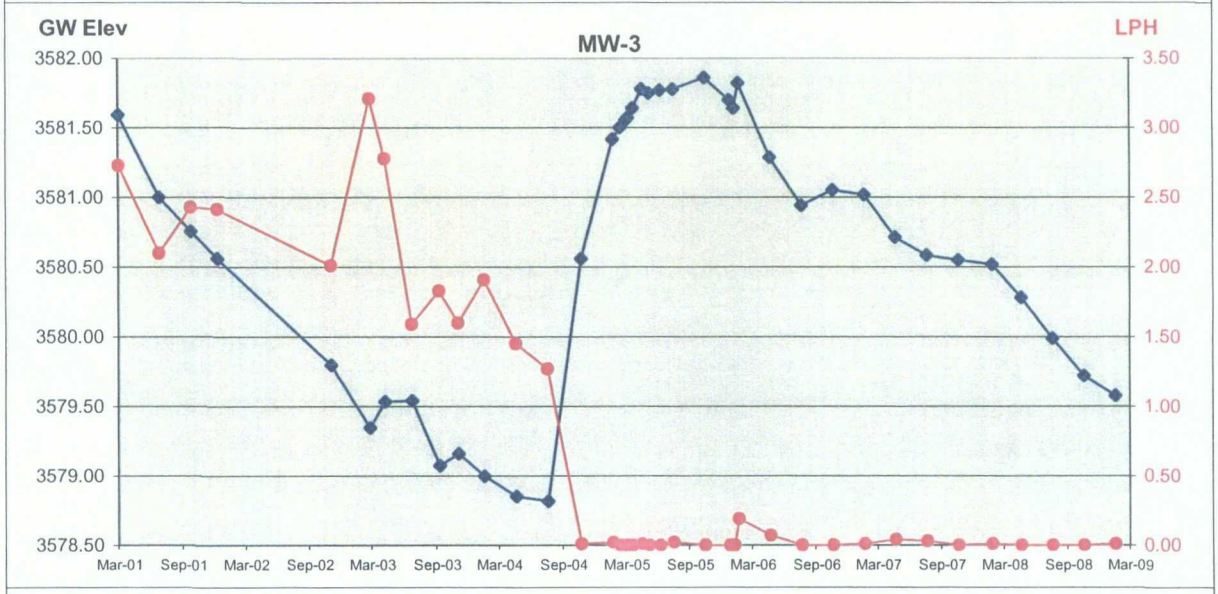
Estimated avg lbs/day removed (2002-2003):	110.72	Total tons VOCs removed (Oct 2002 - Oct 2003):	11.45
Estimated avg lbs/day removed (2003-2004):	45.75	Total tons VOCs removed (Feb 2004 - Feb 2005):	4.62
Estimated avg lbs/day removed (2004-2005):	16.81	Total tons VOCs removed (Feb 2005 - Dec 2005):	0.60
Estimated avg lbs/day removed (2006-2007):	30.13	Total tons VOCs removed (Jan 2006 - Feb 2007):	1.70
Estimated avg lbs/day removed (2007-2008):	11.64	Total tons VOCs removed (Feb 2007 - Mar 2008):	2.16
Estimated avg lbs/day removed (2008-2009):	9.28	Total tons VOCs removed (Mar 2008 - Feb 2009):	1.54
Estimated total pounds VOCs removed:	49,639.72	Cumulative tons VOCs removed since startup:	24.82

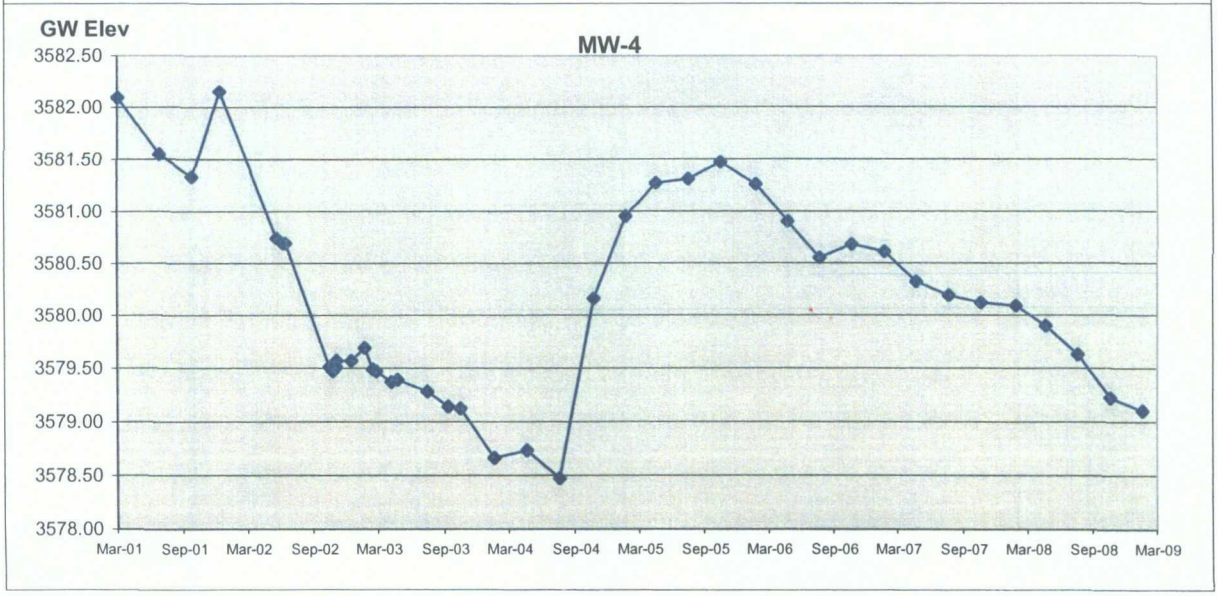
Notes and Calculations:
VOC Discharge (lbs/day) = ((Co (ppm)*(78 g/mole)/24.05)*(1 g/1000 mg)*(1 m^3/35.31 cf)*(1 lb/454 g)*(Q (scfm)*1440 min/day)
Where: Co = Average Effluent VOC concentration (ppm) from previous time period
Q = flow rate of effluent air (scfm) 24.05 = gas law constant

APPENDIX A
Hydrographs

Hydrograph Charts
East Hobbs Junction

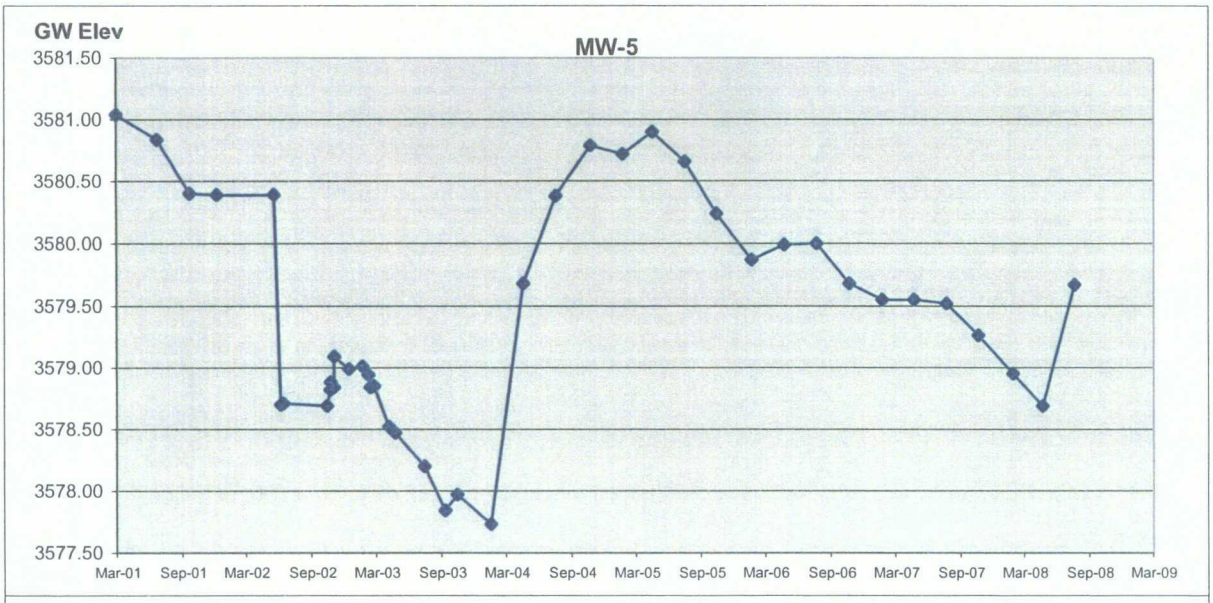


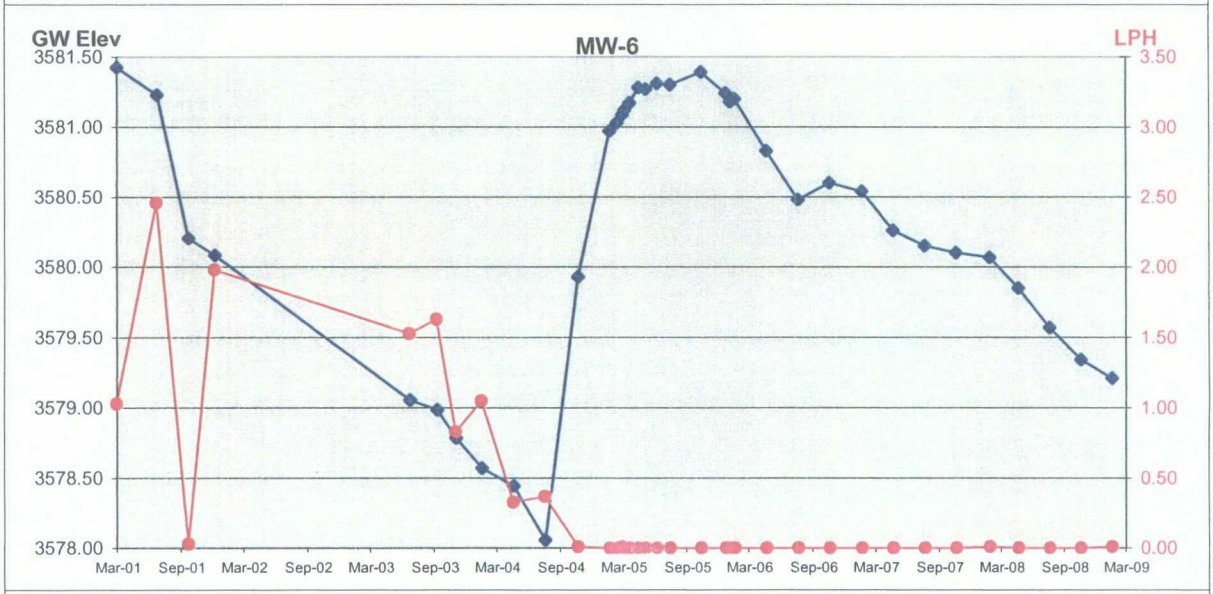


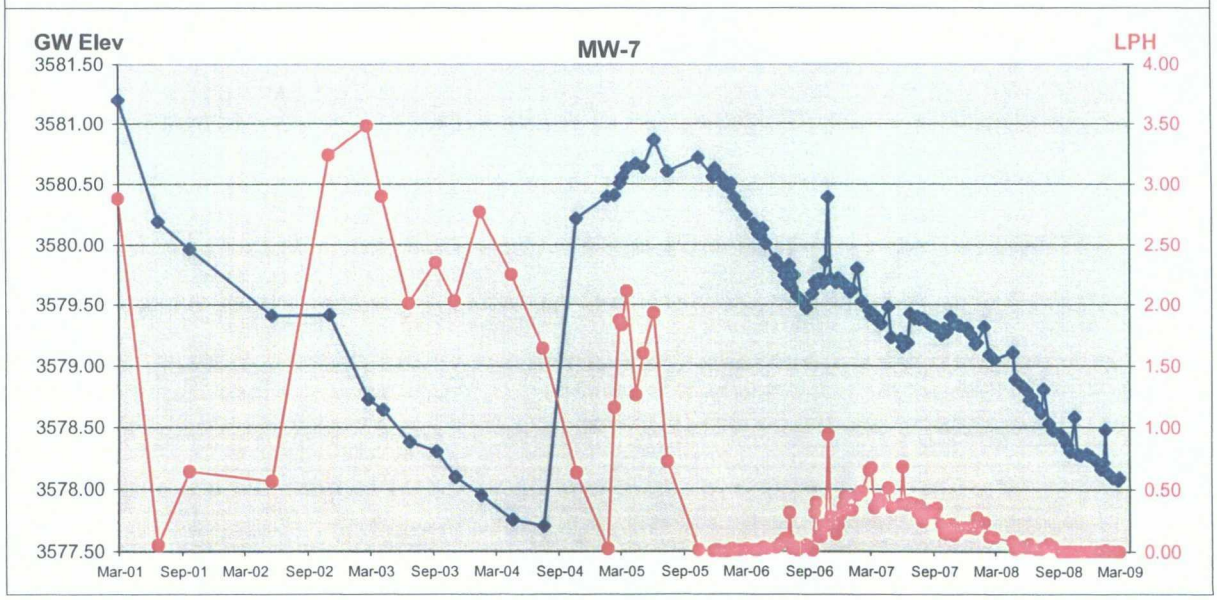


GW Elevation and LPH Thickness = Feet

Hydrograph Charts
East Hobbs Junction

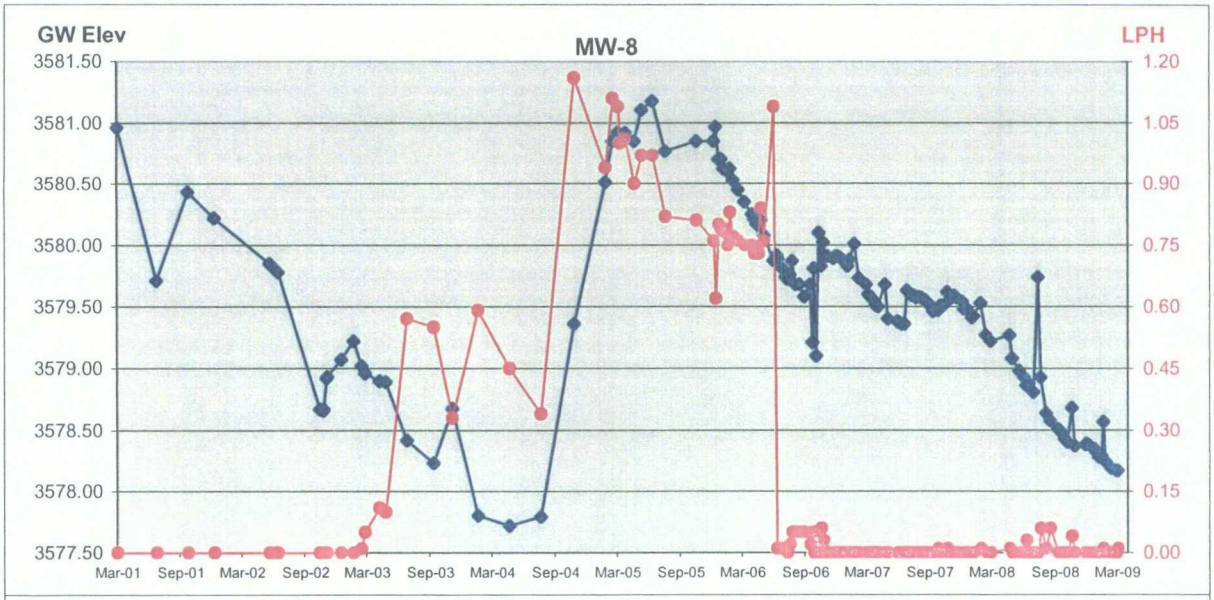


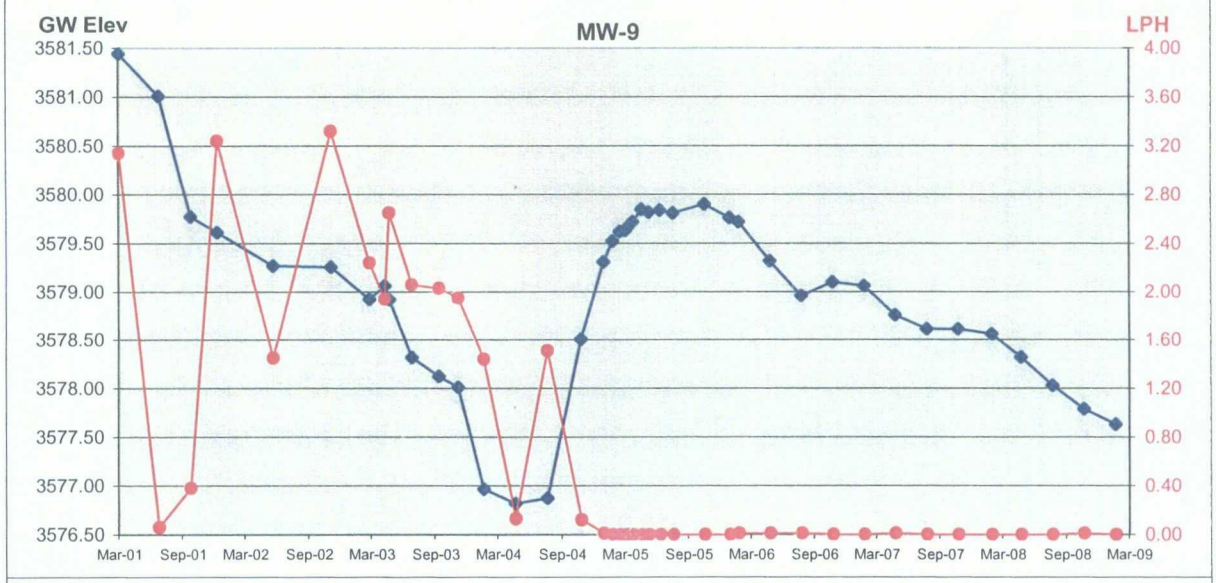


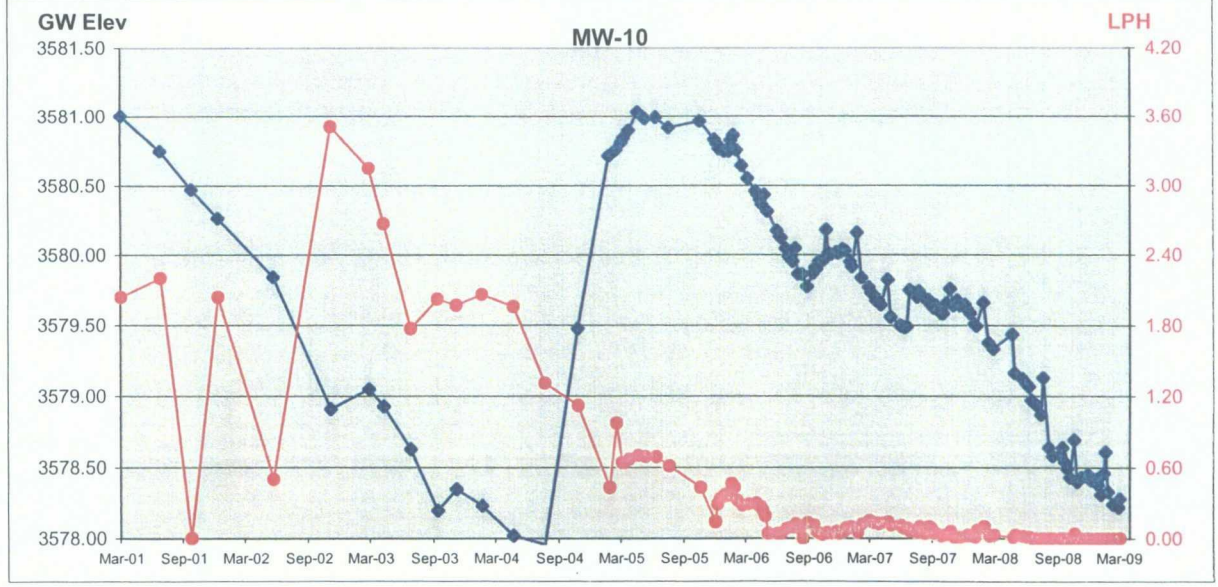


GW Elevation and LPH Thickness = Feet

Hydrograph Charts
East Hobbs Junction

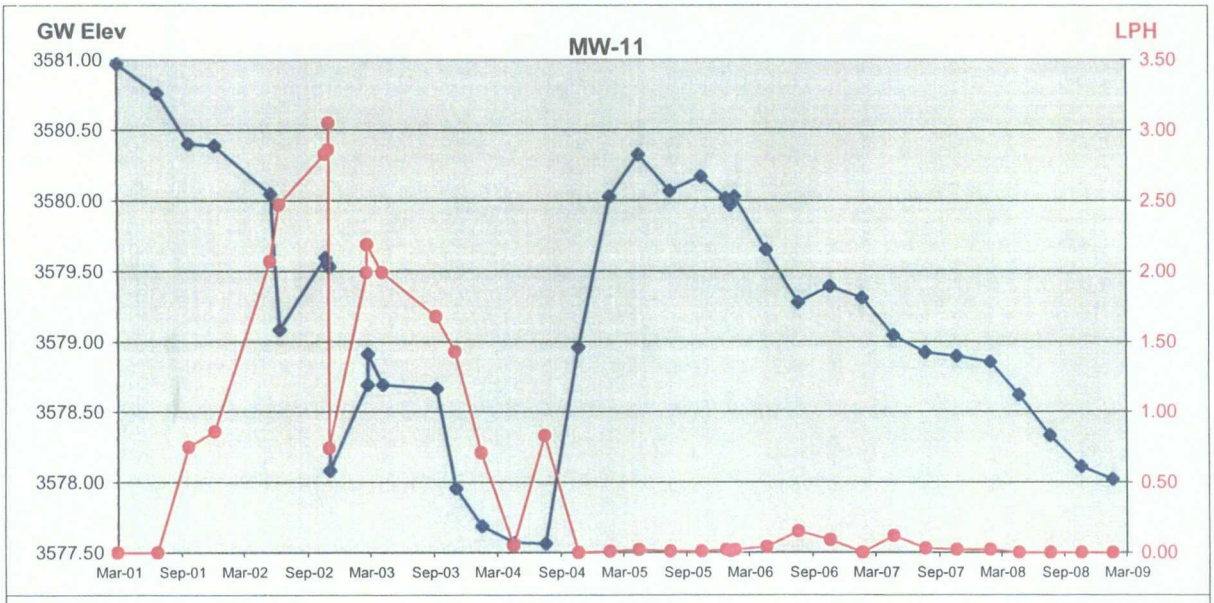


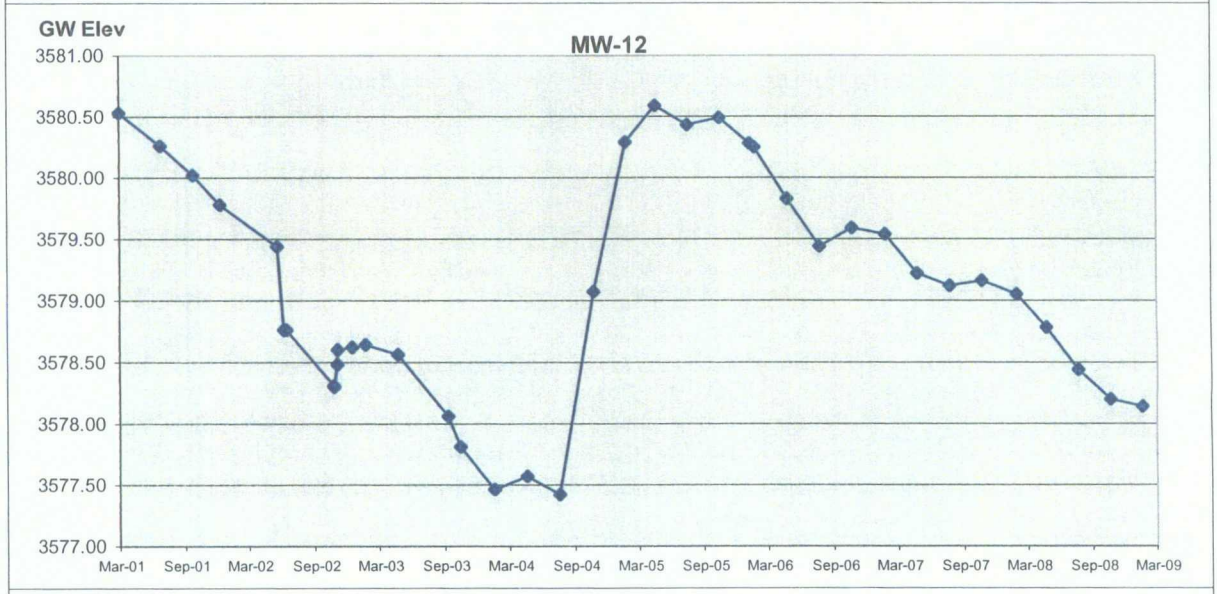


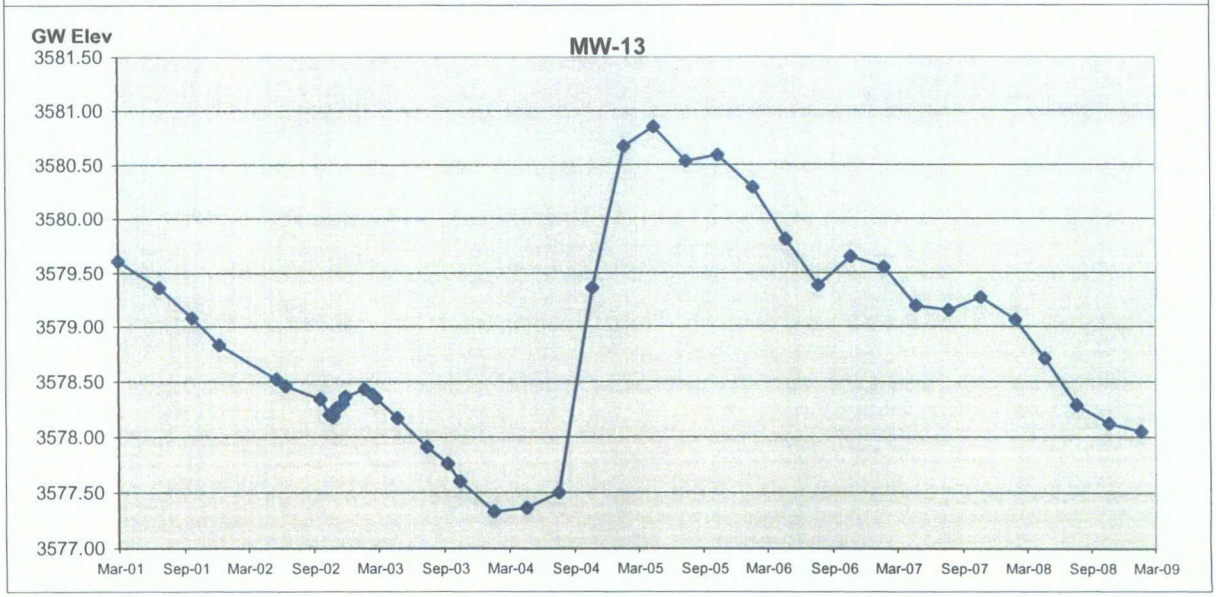


GW Elevation and LPH Thickness = Feet

Hydrograph Charts
East Hobbs Junction

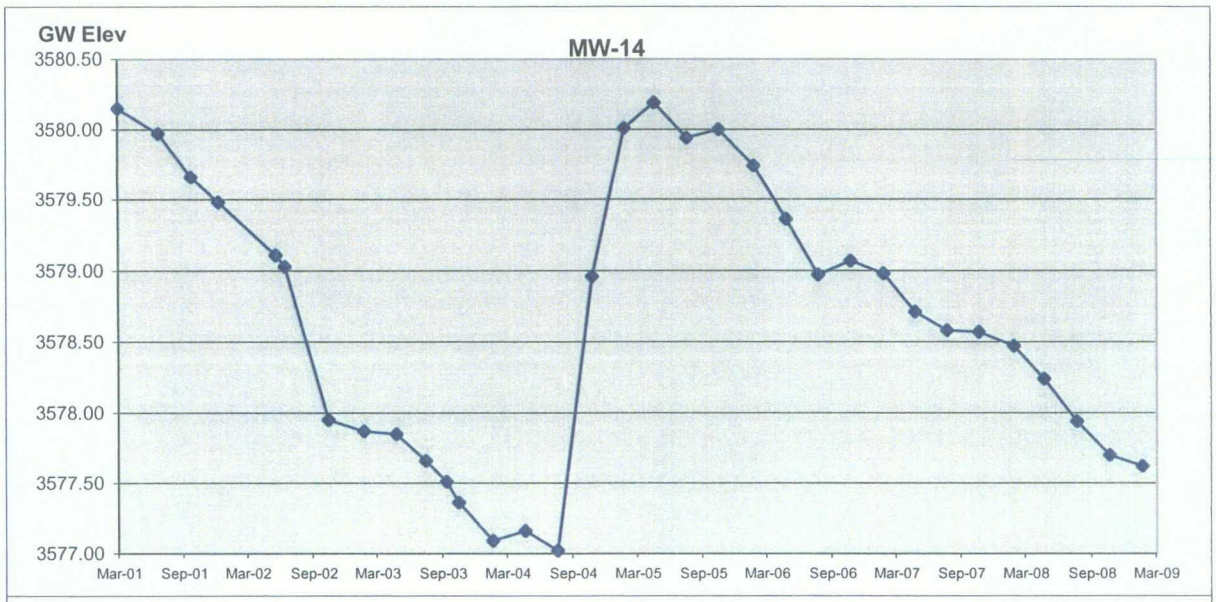


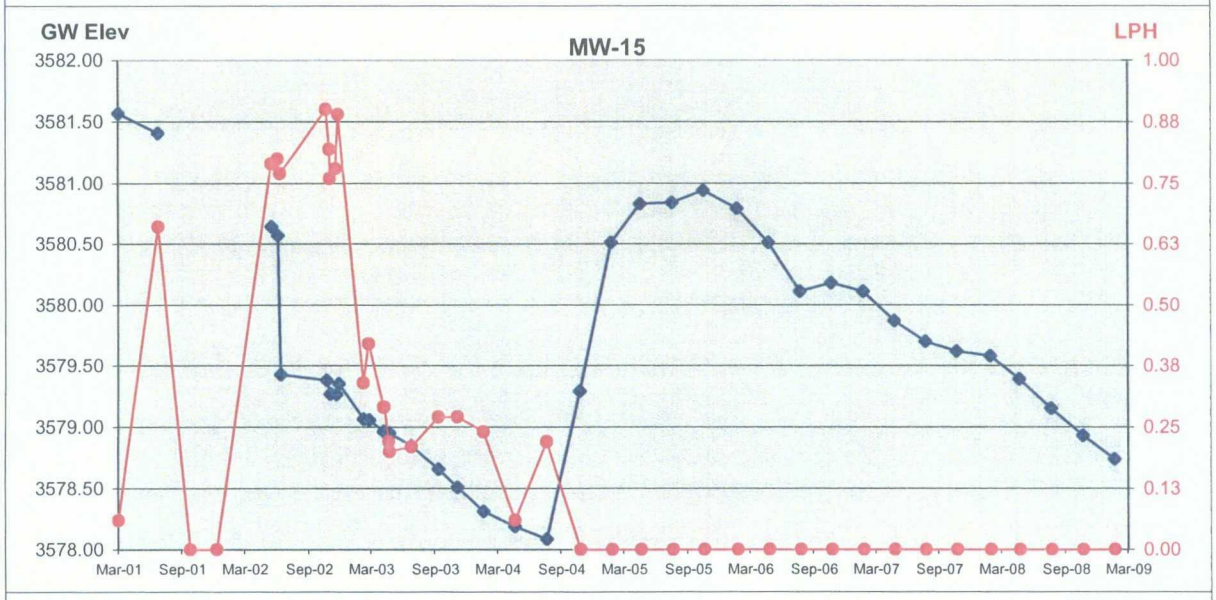


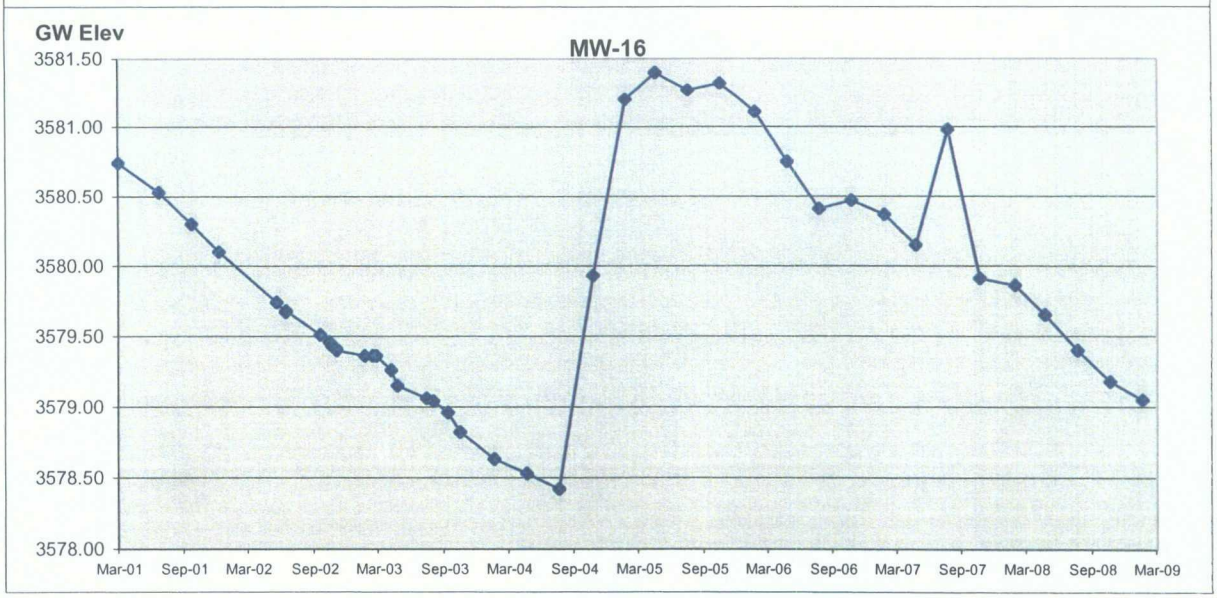


GW Elevation and LPH Thickness = Feet

Hydrograph Charts
East Hobbs Junction

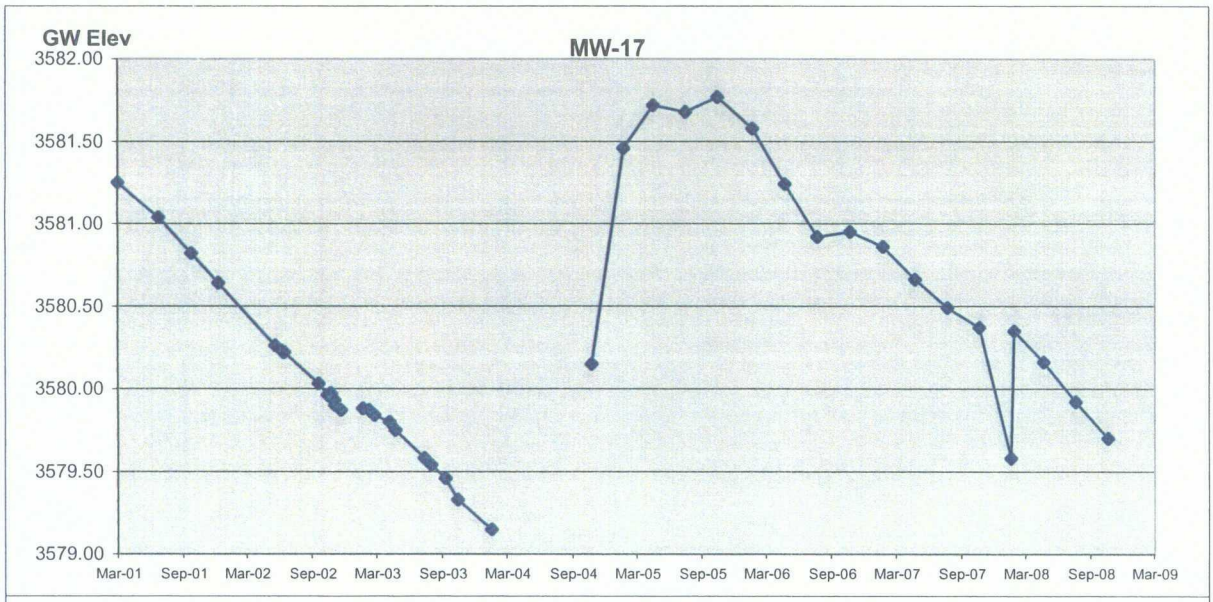


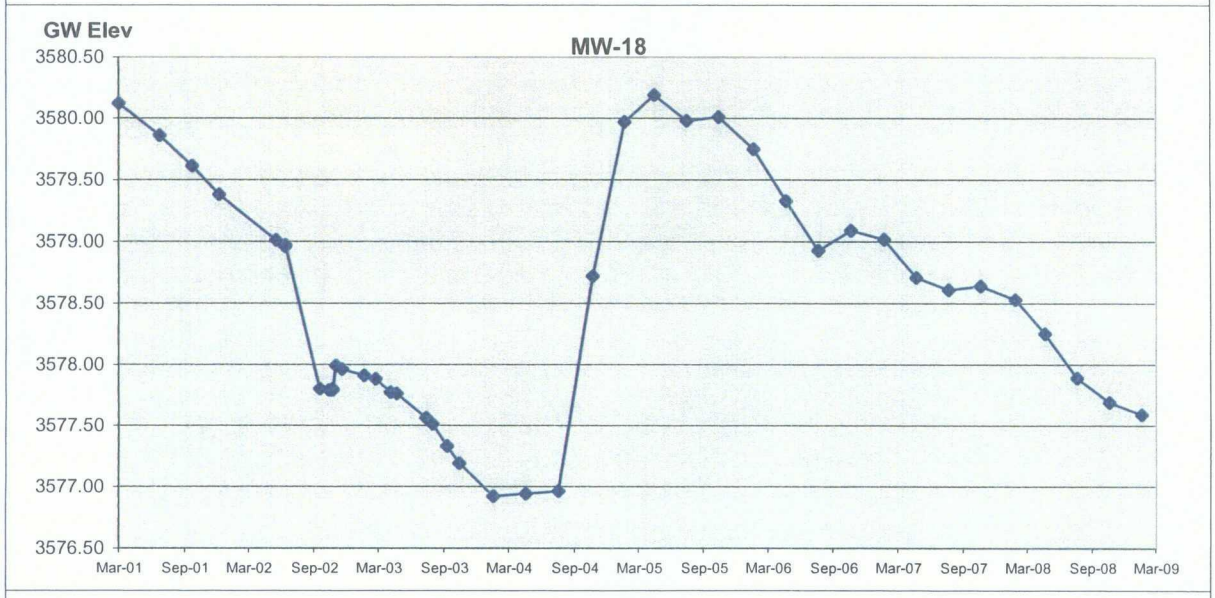


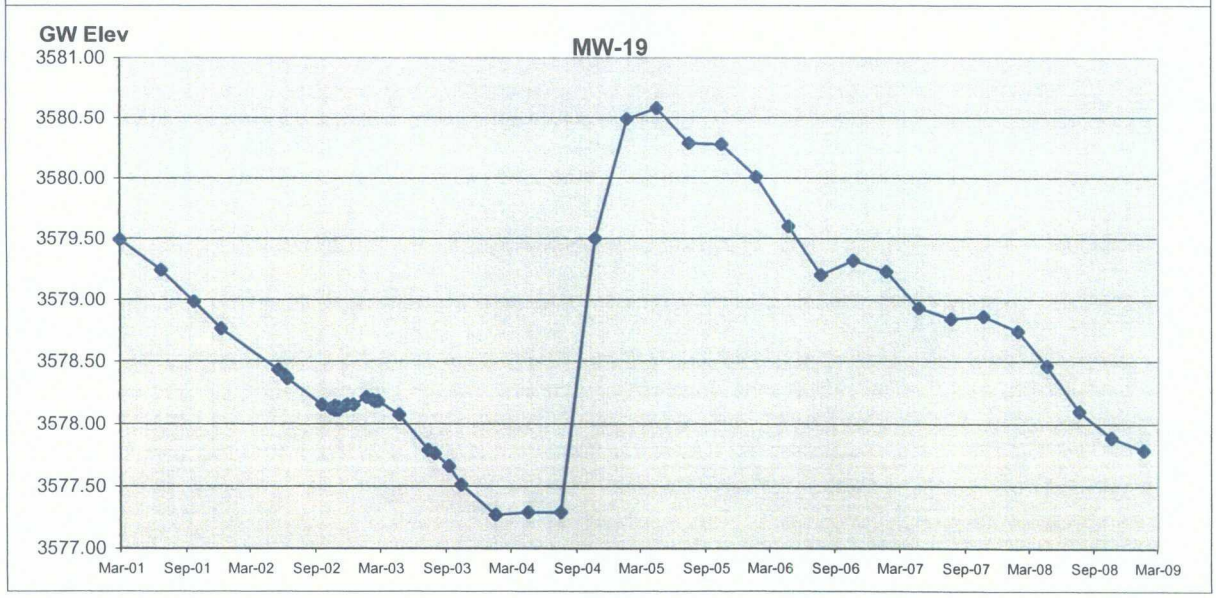


GW Elevation and LPH Thickness = Feet

Hydrograph Charts
East Hobbs Junction

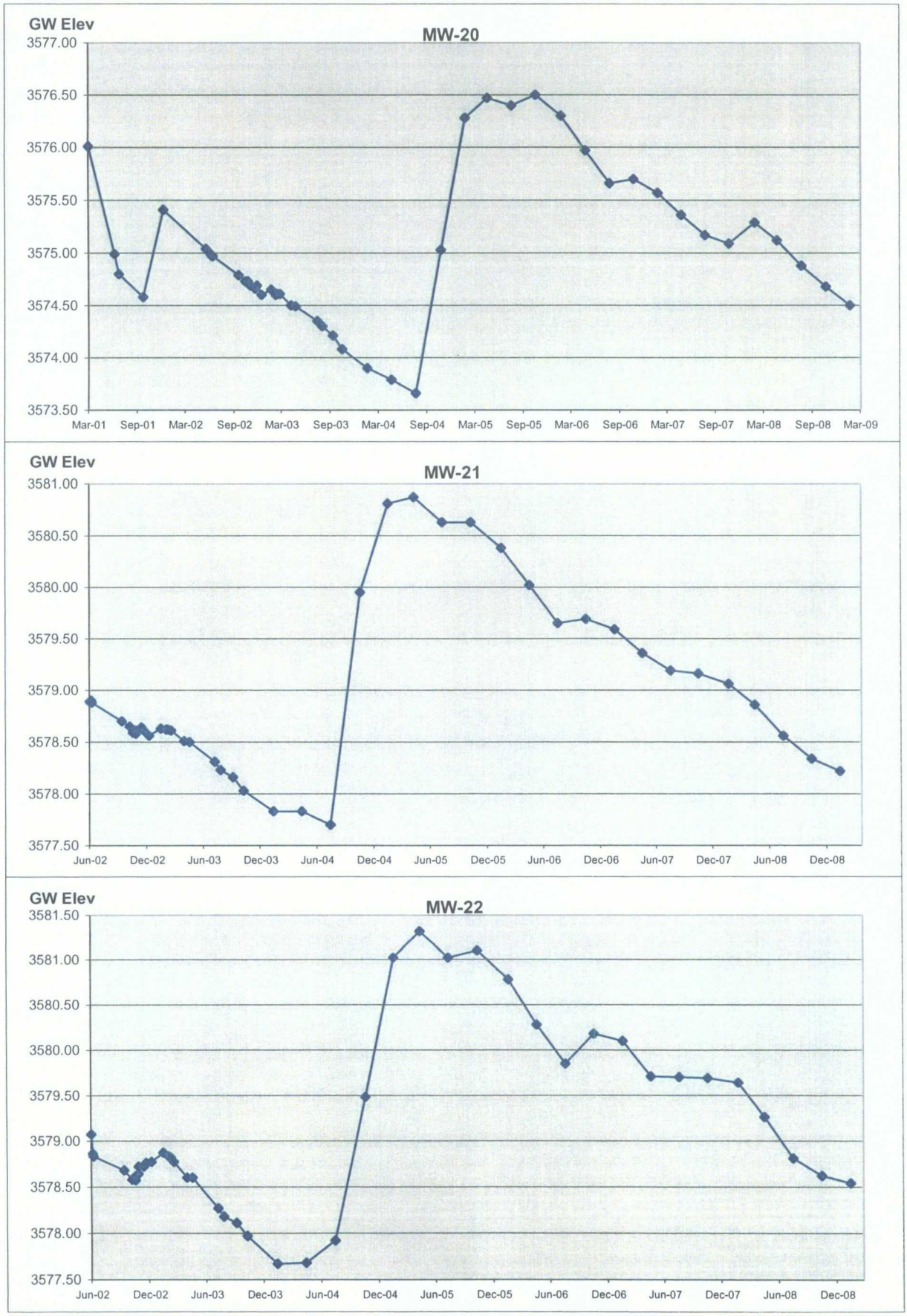






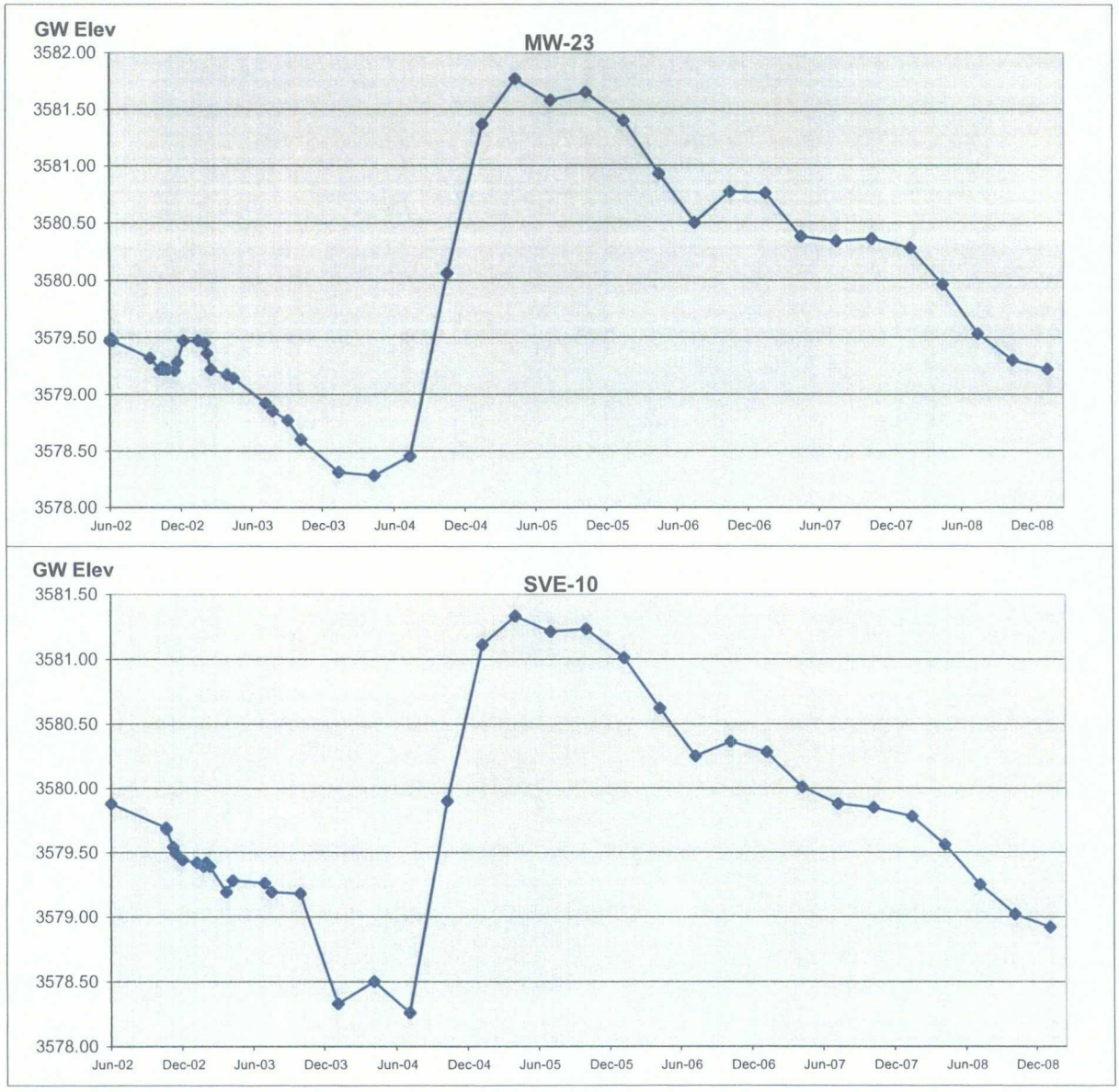
GW Elevation and LPH Thickness = Feet

Hydrograph Charts
East Hobbs Junction



GW Elevation and LPH Thickness = Feet

Hydrograph Charts
East Hobbs Junction



GW Elevation and LPH Thickness = Feet

APPENDIX B
Laboratory Analytical Data

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08041566

Report To:		Project Name:	COP East Hobbs
Tetra Tech		Site:	Hobbs, NM
Greg Pope		Site Address:	
1703 W Industrial Avenue			
Midland		PO Number:	4509519774
TX		State:	New Mexico
79701-		State Cert. No.:	
ph: (432) 686-8081	fax:	Date Reported:	5/5/2008

This Report Contains A Total Of 43 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

5/5/2008

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

08041566

Report To:		Project Name:	COP East Hobbs
Tetra Tech		Site:	Hobbs, NM
Greg Pope		Site Address:	
1703 W Industrial Avenue			
Midland		PO Number:	4509519774
TX		State:	New Mexico
79701-		State Cert. No.:	
ph: (432) 686-8081	fax:	Date Reported:	5/5/2008

Upon receipt of your samples, one amber liter each for your sample ID's "MW-27", "MW-23", and "MW-9" (SPL ID's: 08041566-12, -13, and -25) were received broken for the Diesel Range Organics analysis by SW846 Method 8015B. However, one container remains for each sample to perform the analysis requested.

Per the Conoco Phillips TSM Revision 0, a copy of the internal chain of custody is to be included in final data package. However, due to LIMS limitations, this cannot be provided at this time.

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted with Batch IDs: 78169 & 78231 for the Diesel Range Organics analysis by Method SW8015. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Bethany A. Agarwal
Senior Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08041566

Report To: Tetra Tech
Greg Pope
1703 W Industrial Avenue

Midland
TX
79701-
ph: (432) 686-8081 fax: (432) 686-8085

Fax To:

Project Name: COP East Hobbs
Site: Hobbs, NM
Site Address:

PO Number: 4509519774
State: New Mexico
State Cert. No.:
Date Reported: 5/5/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-21	08041566-01	Water	4/23/2008 8:30:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-16	08041566-02	Water	4/23/2008 8:55:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-20	08041566-03	Water	4/23/2008 9:25:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-17	08041566-04	Water	4/23/2008 9:45:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-25	08041566-05	Water	4/23/2008 10:10:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-24	08041566-06	Water	4/23/2008 10:30:00 AM	4/25/2008 10:00:00 AM	08041566	☐
DUP-02	08041566-07	Water	4/23/2008	4/25/2008 10:00:00 AM	08041566	☐
[illegible]15	08041566-08	Water	4/23/2008 11:05:00 AM	4/25/2008 10:00:00 AM	08041566	☐
[illegible]4	08041566-09	Water	4/23/2008 11:25:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-5	08041566-10	Water	4/23/2008 11:50:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-26	08041566-11	Water	4/23/2008 1:10:00 PM	4/25/2008 10:00:00 AM	08041566	☐
MW-27	08041566-12	Water	4/23/2008 1:35:00 PM	4/25/2008 10:00:00 AM	08041566	☐
MW-23	08041566-13	Water	4/23/2008 2:05:00 PM	4/25/2008 10:00:00 AM	08041566	☐
MW-22	08041566-14	Water	4/23/2008 2:25:00 PM	4/25/2008 10:00:00 AM	08041566	☐
MW-13	08041566-15	Water	4/23/2008 2:45:00 PM	4/25/2008 10:00:00 AM	08041566	☐
MW-19	08041566-16	Water	4/23/2008 3:10:00 PM	4/25/2008 10:00:00 AM	08041566	☐
MW-14	08041566-17	Water	4/23/2008 3:30:00 PM	4/25/2008 10:00:00 AM	08041566	☐
MW-18	08041566-18	Water	4/24/2008 8:10:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-12	08041566-19	Water	4/24/2008 8:30:00 AM	4/25/2008 10:00:00 AM	08041566	☐
DUP-01	08041566-20	Water	4/24/2008	4/25/2008 10:00:00 AM	08041566	☐
SVE-10	08041566-21	Water	4/24/2008 9:10:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-11	08041566-22	Water	4/24/2008 9:35:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-6	08041566-23	Water	4/24/2008 10:10:00 AM	4/25/2008 10:00:00 AM	08041566	☐
MW-3	08041566-24	Water	4/24/2008 11:00:00 AM	4/25/2008 10:00:00 AM	08041566	☐

MW-9

Bethany Agarwal

5/5/2008

Bethany A. Agarwal
Senior Project Manager

Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08041566

Report To:	Tetra Tech Greg Pope 1703 W Industrial Avenue Midland TX 79701- ph: (432) 686-8081 fax: (432) 686-8085	**Project Name:**	COP East Hobbs
		Site:	Hobbs, NM
		Site Address:	
		PO Number:	4509519774
		State:	New Mexico
		State Cert. No.:	
Fax To:		**Date Reported:**	5/5/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-9	08041566-25	Water	4/24/2008 11:25:00 AM	4/25/2008 10:00:00 AM	08041566	☐

Bethany A. Agarwal
Senior Project Manager

5/5/2008
Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-21 **Collected:** 04/23/2008 8:30 **SPL Sample ID:** 08041566-01

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	984			10	10	04/28/08 10:25	A_E	4401526
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	ND			0.1	1	05/01/08 3:13	NW	4414116
Surr: n-Pentacosane	65.6		%	20-150	1	05/01/08 3:13	NW	4414116

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	04/30/08 22:37	DMN	4411210
Surr: 1,4-Difluorobenzene	99.7		%	60-155	1	04/30/08 22:37	DMN	4411210
Surr: 4-Bromofluorobenzene	102		%	50-158	1	04/30/08 22:37	DMN	4411210
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	04/30/08 22:37	DMN	4411183
Toluene	ND			1	1	04/30/08 22:37	DMN	4411183
Ethylbenzene	ND			1	1	04/30/08 22:37	DMN	4411183
m,p-Xylene	ND			1	1	04/30/08 22:37	DMN	4411183
o-Xylene	ND			1	1	04/30/08 22:37	DMN	4411183
Xylenes,Total	ND			1	1	04/30/08 22:37	DMN	4411183
Surr: 1,4-Difluorobenzene	92.8		%	39-163	1	04/30/08 22:37	DMN	4411183
Surr: 4-Bromofluorobenzene	100		%	57-157	1	04/30/08 22:37	DMN	4411183

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-16 **Collected:** 04/23/2008 8:55 **SPL Sample ID:** 08041566-02

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	160			5	5	04/28/08 10:17	A_E	4401524
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	ND			0.1	1	05/01/08 3:39	NW	4414117
Surr: n-Pentacosane	73.4		%	20-150	1	05/01/08 3:39	NW	4414117

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	04/30/08 23:05	DMN	4411211
Surr: 1,4-Difluorobenzene	98.5		%	60-155	1	04/30/08 23:05	DMN	4411211
Surr: 4-Bromofluorobenzene	101		%	50-158	1	04/30/08 23:05	DMN	4411211
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	04/30/08 23:05	DMN	4411062
Toluene	ND			1	1	04/30/08 23:05	DMN	4411062
Ethylbenzene	ND			1	1	04/30/08 23:05	DMN	4411062
m,p-Xylene	ND			1	1	04/30/08 23:05	DMN	4411062
o-Xylene	ND			1	1	04/30/08 23:05	DMN	4411062
Xylenes,Total	ND			1	1	04/30/08 23:05	DMN	4411062
Surr: 1,4-Difluorobenzene	93.3		%	39-163	1	04/30/08 23:05	DMN	4411062
Surr: 4-Bromofluorobenzene	97.3		%	57-157	1	04/30/08 23:05	DMN	4411062

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-20 **Collected:** 04/23/2008 9:25 **SPL Sample ID:** 08041566-03

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL			**MCL**	**E325.2**	**Units: mg/L**		
Chloride	93.5		1	1	04/28/08 10:08	A_E	4401523
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND		0.1	1	05/01/08 4:04	NW	4414118
Surr: n-Pentacosane	60.8		% 20-150	1	05/01/08 4:04	NW	4414118

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	05/01/08 0:56	DMN	4411214
Surr: 1,4-Difluorobenzene	98.2		% 60-155	1	05/01/08 0:56	DMN	4411214
Surr: 4-Bromofluorobenzene	100		% 50-158	1	05/01/08 0:56	DMN	4411214
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	05/01/08 0:56	DMN	4411144
Toluene	ND		1	1	05/01/08 0:56	DMN	4411144
Ethylbenzene	ND		1	1	05/01/08 0:56	DMN	4411144
m,p-Xylene	ND		1	1	05/01/08 0:56	DMN	4411144
o-Xylene	ND		1	1	05/01/08 0:56	DMN	4411144
Xylenes,Total	ND		1	1	05/01/08 0:56	DMN	4411144
Surr: 1,4-Difluorobenzene	93.7		% 39-163	1	05/01/08 0:56	DMN	4411144
Surr: 4-Bromofluorobenzene	100		% 57-157	1	05/01/08 0:56	DMN	4411144

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-17 **Collected:** 04/23/2008 9:45 **SPL Sample ID:** 08041566-04

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	245			5	5	04/28/08 10:17	A_E	4401525
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.31			0.1	1	05/01/08 4:30	NW	4414119
Surr: n-Pentacosane	72.0		%	20-150	1	05/01/08 4:30	NW	4414119

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	05/01/08 1:23	DMN	4411215
Surr: 1,4-Difluorobenzene	97.5		%	60-155	1	05/01/08 1:23	DMN	4411215
Surr: 4-Bromofluorobenzene	101		%	50-158	1	05/01/08 1:23	DMN	4411215
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	05/01/08 1:23	DMN	4411065
Toluene	ND			1	1	05/01/08 1:23	DMN	4411065
Ethylbenzene	ND			1	1	05/01/08 1:23	DMN	4411065
m,p-Xylene	ND			1	1	05/01/08 1:23	DMN	4411065
o-Xylene	ND			1	1	05/01/08 1:23	DMN	4411065
Xylenes,Total	ND			1	1	05/01/08 1:23	DMN	4411065
Surr: 1,4-Difluorobenzene	92.6		%	39-163	1	05/01/08 1:23	DMN	4411065
Surr: 4-Bromofluorobenzene	96.0		%	57-157	1	05/01/08 1:23	DMN	4411065

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-25 **Collected:** 04/23/2008 10:10 **SPL Sample ID:** 08041566-05

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	269			5	5	04/28/08 11:08	A_E	4401530
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.41			0.1	1	05/01/08 4:56	NW	4414120
Surr: n-Pentacosane	69.8		%	20-150	1	05/01/08 4:56	NW	4414120

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	05/01/08 1:51	DMN	4411216
Surr: 1,4-Difluorobenzene	98.3		%	60-155	1	05/01/08 1:51	DMN	4411216
Surr: 4-Bromofluorobenzene	102		%	50-158	1	05/01/08 1:51	DMN	4411216
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	05/01/08 1:51	DMN	4411145
Toluene	ND			1	1	05/01/08 1:51	DMN	4411145
Ethylbenzene	ND			1	1	05/01/08 1:51	DMN	4411145
m,p-Xylene	ND			1	1	05/01/08 1:51	DMN	4411145
o-Xylene	ND			1	1	05/01/08 1:51	DMN	4411145
Xylenes,Total	ND			1	1	05/01/08 1:51	DMN	4411145
Surr: 1,4-Difluorobenzene	92.0		%	39-163	1	05/01/08 1:51	DMN	4411145
Surr: 4-Bromofluorobenzene	97.5		%	57-157	1	05/01/08 1:51	DMN	4411145

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-24 **Collected:** 04/23/2008 10:30 **SPL Sample ID:** 08041566-06

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	182			5	5	04/28/08 11:08	A_E	4401533
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.27			0.1	1	05/01/08 5:22	NW	4414121
Surr: n-Pentacosane	74.4		%	20-150	1	05/01/08 5:22	NW	4414121

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	0.21			0.1	1	05/01/08 2:19	DMN	4411217
Surr: 1,4-Difluorobenzene	104		%	60-155	1	05/01/08 2:19	DMN	4411217
Surr: 4-Bromofluorobenzene	101		%	50-158	1	05/01/08 2:19	DMN	4411217
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	1.2			1	1	05/01/08 2:19	DMN	4411066
Toluene	ND			1	1	05/01/08 2:19	DMN	4411066
Ethylbenzene	8.4			1	1	05/01/08 2:19	DMN	4411066
m,p-Xylene	1.4			1	1	05/01/08 2:19	DMN	4411066
o-Xylene	ND			1	1	05/01/08 2:19	DMN	4411066
Xylenes,Total	1.4			1	1	05/01/08 2:19	DMN	4411066
Surr: 1,4-Difluorobenzene	91.7		%	39-163	1	05/01/08 2:19	DMN	4411066
Surr: 4-Bromofluorobenzene	98.2		%	57-157	1	05/01/08 2:19	DMN	4411066

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID DUP-02 **Collected:** 04/23/2008 0:00 **SPL Sample ID:** 08041566-07

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL			**MCL**	**E325.2**	**Units: mg/L**		
Chloride	185		5	5	04/28/08 11:08	A_E	4401534
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.26		0.1	1	05/02/08 12:35	NW	4414139
Surr: n-Pentacosane	61.6		% 20-150	1	05/02/08 12:35	NW	4414139

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	0.63		0.1	1	05/01/08 2:46	DMN	4411218
Surr: 1,4-Difluorobenzene	112		% 60-155	1	05/01/08 2:46	DMN	4411218
Surr: 4-Bromofluorobenzene	105		% 50-158	1	05/01/08 2:46	DMN	4411218
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	3.2		1	1	05/01/08 2:46	DMN	4411067
Toluene	3.4		1	1	05/01/08 2:46	DMN	4411067
Ethylbenzene	33		1	1	05/01/08 2:46	DMN	4411067
m,p-Xylene	4.5		1	1	05/01/08 2:46	DMN	4411067
o-Xylene	2.5		1	1	05/01/08 2:46	DMN	4411067
Xylenes,Total	7		1	1	05/01/08 2:46	DMN	4411067
Surr: 1,4-Difluorobenzene	89.0		% 39-163	1	05/01/08 2:46	DMN	4411067
Surr: 4-Bromofluorobenzene	99.1		% 57-157	1	05/01/08 2:46	DMN	4411067

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-15 **Collected:** 04/23/2008 11:05 **SPL Sample ID:** 08041566-08

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL				**MCL**	**E325.2**	**Units: mg/L**		
Chloride	297			5	5	04/28/08 11:08	A_E	4401535
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	11000			2	20	05/02/08 13:01	NW	4414141
Surr: n-Pentacosane	D	*	%	20-150	20	05/02/08 13:01	NW	4414141

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	0.43			0.1	1	05/01/08 20:55	DMN	4412287
Surr: 1,4-Difluorobenzene	107		%	60-155	1	05/01/08 20:55	DMN	4412287
Surr: 4-Bromofluorobenzene	110		%	50-158	1	05/01/08 20:55	DMN	4412287
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	1.2			1	1	05/01/08 20:55	DMN	4411879
Toluene	ND			1	1	05/01/08 20:55	DMN	4411879
Ethylbenzene	ND			1	1	05/01/08 20:55	DMN	4411879
m,p-Xylene	1.2			1	1	05/01/08 20:55	DMN	4411879
o-Xylene	ND			1	1	05/01/08 20:55	DMN	4411879
Xylenes,Total	1.2			1	1	05/01/08 20:55	DMN	4411879
Surr: 1,4-Difluorobenzene	94.5		%	39-163	1	05/01/08 20:55	DMN	4411879
Surr: 4-Bromofluorobenzene	100		%	57-157	1	05/01/08 20:55	DMN	4411879

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-4 **Collected:** 04/23/2008 11:25 **SPL Sample ID:** 08041566-09

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL				**MCL**	**E325.2**	**Units: mg/L**		
Chloride	34.5		1		1	04/28/08 10:57	A_E	4401529
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND		0.1		1	05/01/08 19:06	NW	4414124
Surr: n-Pentacosane	60.0		% 20-150		1	05/01/08 19:06	NW	4414124

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1		1	05/01/08 3:42	DMN	4411220
Surr: 1,4-Difluorobenzene	99.8		% 60-155		1	05/01/08 3:42	DMN	4411220
Surr: 4-Bromofluorobenzene	102		% 50-158		1	05/01/08 3:42	DMN	4411220
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1		1	05/01/08 3:42	DMN	4411068
Toluene	ND		1		1	05/01/08 3:42	DMN	4411068
Ethylbenzene	ND		1		1	05/01/08 3:42	DMN	4411068
m,p-Xylene	ND		1		1	05/01/08 3:42	DMN	4411068
o-Xylene	ND		1		1	05/01/08 3:42	DMN	4411068
Xylenes,Total	ND		1		1	05/01/08 3:42	DMN	4411068
Surr: 1,4-Difluorobenzene	94.7		% 39-163		1	05/01/08 3:42	DMN	4411068
Surr: 4-Bromofluorobenzene	98.5		% 57-157		1	05/01/08 3:42	DMN	4411068

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-5 **Collected:** 04/23/2008 11:50 **SPL Sample ID:** 08041566-10

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	36.1			1	1	04/28/08 16:11	A_E	4404780
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	ND			0.1	1	05/01/08 19:31	NW	4414125
Surr: n-Pentacosane	59.4		%	20-150	1	05/01/08 19:31	NW	4414125

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	05/01/08 4:09	DMN	4411221
Surr: 1,4-Difluorobenzene	99.2		%	60-155	1	05/01/08 4:09	DMN	4411221
Surr: 4-Bromofluorobenzene	102		%	50-158	1	05/01/08 4:09	DMN	4411221
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	05/01/08 4:09	DMN	4411069
Toluene	ND			1	1	05/01/08 4:09	DMN	4411069
Ethylbenzene	ND			1	1	05/01/08 4:09	DMN	4411069
m,p-Xylene	ND			1	1	05/01/08 4:09	DMN	4411069
o-Xylene	ND			1	1	05/01/08 4:09	DMN	4411069
Xylenes,Total	ND			1	1	05/01/08 4:09	DMN	4411069
Surr: 1,4-Difluorobenzene	93.2		%	39-163	1	05/01/08 4:09	DMN	4411069
Surr: 4-Bromofluorobenzene	96.3		%	57-157	1	05/01/08 4:09	DMN	4411069

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-26 **Collected:** 04/23/2008 13:10 **SPL Sample ID:** 08041566-11

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL			**MCL**	**E325.2**	**Units: mg/L**		
Chloride	90.4		1	1	04/28/08 16:11	A_E	4404782
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND		0.1	1	05/01/08 19:56	NW	4414126
Surr: n-Pentacosane	69.6		% 20-150	1	05/01/08 19:56	NW	4414126

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	05/01/08 4:37	DMN	4411222
Surr: 1,4-Difluorobenzene	99.9		% 60-155	1	05/01/08 4:37	DMN	4411222
Surr: 4-Bromofluorobenzene	104		% 50-158	1	05/01/08 4:37	DMN	4411222
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	05/01/08 4:37	DMN	4411070
Toluene	ND		1	1	05/01/08 4:37	DMN	4411070
Ethylbenzene	ND		1	1	05/01/08 4:37	DMN	4411070
m,p-Xylene	ND		1	1	05/01/08 4:37	DMN	4411070
o-Xylene	ND		1	1	05/01/08 4:37	DMN	4411070
Xylenes,Total	ND		1	1	05/01/08 4:37	DMN	4411070
Surr: 1,4-Difluorobenzene	93.8		% 39-163	1	05/01/08 4:37	DMN	4411070
Surr: 4-Bromofluorobenzene	99.6		% 57-157	1	05/01/08 4:37	DMN	4411070

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-27 **Collected:** 04/23/2008 13:35 **SPL Sample ID:** 08041566-12

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL				**MCL**	**E325.2**	**Units: mg/L**		
Chloride	102			5	5	04/28/08 16:20	A_E	4404787
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND			0.1	1	05/01/08 20:22	NW	4414127
Surr: n-Pentacosane	65.6		%	20-150	1	05/01/08 20:22	NW	4414127

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	0.14			0.1	1	05/01/08 6:28	DMN	4411225
Surr: 1,4-Difluorobenzene	99.7		%	60-155	1	05/01/08 6:28	DMN	4411225
Surr: 4-Bromofluorobenzene	101		%	50-158	1	05/01/08 6:28	DMN	4411225
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	37			1	1	05/01/08 6:28	DMN	4411073
Toluene	7.9			1	1	05/01/08 6:28	DMN	4411073
Ethylbenzene	1.8			1	1	05/01/08 6:28	DMN	4411073
m,p-Xylene	2.1			1	1	05/01/08 6:28	DMN	4411073
o-Xylene	ND			1	1	05/01/08 6:28	DMN	4411073
Xylenes,Total	2.1			1	1	05/01/08 6:28	DMN	4411073
Surr: 1,4-Difluorobenzene	91.6		%	39-163	1	05/01/08 6:28	DMN	4411073
Surr: 4-Bromofluorobenzene	97.4		%	57-157	1	05/01/08 6:28	DMN	4411073

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-23 **Collected:** 04/23/2008 14:05 **SPL Sample ID:** 08041566-13

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL			**MCL**	**E325.2**	**Units: mg/L**		
Chloride	65.7		1	1	04/28/08 16:11	A_E	4404783
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND		0.1	1	05/01/08 20:47	NW	4414128
Surr: n-Pentacosane	52.4		% 20-150	1	05/01/08 20:47	NW	4414128

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	05/01/08 6:56	DMN	4411226
Surr: 1,4-Difluorobenzene	97.8		% 60-155	1	05/01/08 6:56	DMN	4411226
Surr: 4-Bromofluorobenzene	102		% 50-158	1	05/01/08 6:56	DMN	4411226
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	05/01/08 6:56	DMN	4411074
Toluene	ND		1	1	05/01/08 6:56	DMN	4411074
Ethylbenzene	ND		1	1	05/01/08 6:56	DMN	4411074
m,p-Xylene	ND		1	1	05/01/08 6:56	DMN	4411074
o-Xylene	ND		1	1	05/01/08 6:56	DMN	4411074
Xylenes,Total	ND		1	1	05/01/08 6:56	DMN	4411074
Surr: 1,4-Difluorobenzene	92.9		% 39-163	1	05/01/08 6:56	DMN	4411074
Surr: 4-Bromofluorobenzene	98.9		% 57-157	1	05/01/08 6:56	DMN	4411074

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-22 **Collected:** 04/23/2008 14:25 **SPL Sample ID:** 08041566-14

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	84.6			1	1	04/28/08 16:11	A_E	4404784
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	ND			0.1	1	05/01/08 21:13	NW	4414129
Surr: n-Pentacosane	56.4		%	20-150	1	05/01/08 21:13	NW	4414129

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	05/01/08 7:24	DMN	4411227
Surr: 1,4-Difluorobenzene	98.2		%	60-155	1	05/01/08 7:24	DMN	4411227
Surr: 4-Bromofluorobenzene	102		%	50-158	1	05/01/08 7:24	DMN	4411227
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	05/01/08 7:24	DMN	4411075
Toluene	ND			1	1	05/01/08 7:24	DMN	4411075
Ethylbenzene	ND			1	1	05/01/08 7:24	DMN	4411075
m,p-Xylene	ND			1	1	05/01/08 7:24	DMN	4411075
o-Xylene	ND			1	1	05/01/08 7:24	DMN	4411075
Xylenes,Total	ND			1	1	05/01/08 7:24	DMN	4411075
Surr: 1,4-Difluorobenzene	91.6		%	39-163	1	05/01/08 7:24	DMN	4411075
Surr: 4-Bromofluorobenzene	98.5		%	57-157	1	05/01/08 7:24	DMN	4411075

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-13 **Collected:** 04/23/2008 14:45 **SPL Sample ID:** 08041566-15

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	71.5			1	1	04/28/08 16:11	A_E	4404785
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	ND			0.1	1	05/01/08 21:38	NW	4414130
Surr: n-Pentacosane	37.4		%	20-150	1	05/01/08 21:38	NW	4414130

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	05/01/08 7:51	DMN	4411228
Surr: 1,4-Difluorobenzene	98.3		%	60-155	1	05/01/08 7:51	DMN	4411228
Surr: 4-Bromofluorobenzene	102		%	50-158	1	05/01/08 7:51	DMN	4411228
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	05/01/08 7:51	DMN	4411084
Toluene	ND			1	1	05/01/08 7:51	DMN	4411084
Ethylbenzene	ND			1	1	05/01/08 7:51	DMN	4411084
m,p-Xylene	ND			1	1	05/01/08 7:51	DMN	4411084
o-Xylene	ND			1	1	05/01/08 7:51	DMN	4411084
Xylenes,Total	ND			1	1	05/01/08 7:51	DMN	4411084
Surr: 1,4-Difluorobenzene	98.7		%	39-163	1	05/01/08 7:51	DMN	4411084
Surr: 4-Bromofluorobenzene	100		%	57-157	1	05/01/08 7:51	DMN	4411084

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-19 **Collected:** 04/23/2008 15:10 **SPL Sample ID:** 08041566-16

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL				**MCL**	**E325.2**	**Units: mg/L**		
Chloride	96.1		1		1	04/28/08 16:11	A_E	4404786
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND		0.1		1	05/01/08 22:04	NW	4414131
Surr: n-Pentacosane	44.2		% 20-150		1	05/01/08 22:04	NW	4414131

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1		1	05/01/08 16:45	DMN	4412280
Surr: 1,4-Difluorobenzene	99.6		% 60-155		1	05/01/08 16:45	DMN	4412280
Surr: 4-Bromofluorobenzene	102		% 50-158		1	05/01/08 16:45	DMN	4412280
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1		1	05/01/08 16:45	DMN	4411869
Toluene	ND		1		1	05/01/08 16:45	DMN	4411869
Ethylbenzene	ND		1		1	05/01/08 16:45	DMN	4411869
m,p-Xylene	ND		1		1	05/01/08 16:45	DMN	4411869
o-Xylene	ND		1		1	05/01/08 16:45	DMN	4411869
Xylenes,Total	ND		1		1	05/01/08 16:45	DMN	4411869
Surr: 1,4-Difluorobenzene	98.8		% 39-163		1	05/01/08 16:45	DMN	4411869
Surr: 4-Bromofluorobenzene	100		% 57-157		1	05/01/08 16:45	DMN	4411869

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-14 **Collected:** 04/23/2008 15:30 **SPL Sample ID:** 08041566-17

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL			**MCL**	**E325.2**	**Units: mg/L**		
Chloride	171		5	5	04/28/08 16:20	A_E	4404788
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.64		0.1	1	05/02/08 12:09	NW	4414138
Surr: n-Pentacosane	47.6		% 20-150	1	05/02/08 12:09	NW	4414138

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	0.1		0.1	1	05/01/08 8:19	DMN	4411229
Surr: 1,4-Difluorobenzene	99.2		% 60-155	1	05/01/08 8:19	DMN	4411229
Surr: 4-Bromofluorobenzene	101		% 50-158	1	05/01/08 8:19	DMN	4411229
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	1.2		1	1	05/01/08 8:19	DMN	4411076
Toluene	ND		1	1	05/01/08 8:19	DMN	4411076
Ethylbenzene	ND		1	1	05/01/08 8:19	DMN	4411076
m,p-Xylene	ND		1	1	05/01/08 8:19	DMN	4411076
o-Xylene	ND		1	1	05/01/08 8:19	DMN	4411076
Xylenes,Total	ND		1	1	05/01/08 8:19	DMN	4411076
Surr: 1,4-Difluorobenzene	93.0		% 39-163	1	05/01/08 8:19	DMN	4411076
Surr: 4-Bromofluorobenzene	98.4		% 57-157	1	05/01/08 8:19	DMN	4411076

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-18 **Collected:** 04/24/2008 8:10 **SPL Sample ID:** 08041566-18

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL				**MCL**	**E325.2**	**Units: mg/L**		
Chloride	201			5	5	04/28/08 16:54	A_E	4404794
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.31			0.1	1	05/01/08 22:29	NW	4414132
Surr: n-Pentacosane	74.8		%	20-150	1	05/01/08 22:29	NW	4414132

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	8.6			1	10	05/01/08 21:23	DMN	4412288
Surr: 1,4-Difluorobenzene	105		%	60-155	10	05/01/08 21:23	DMN	4412288
Surr: 4-Bromofluorobenzene	104		%	50-158	10	05/01/08 21:23	DMN	4412288
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	3100			10	10	05/01/08 21:23	DMN	4411881
Toluene	ND			10	10	05/01/08 21:23	DMN	4411881
Ethylbenzene	80			10	10	05/01/08 21:23	DMN	4411881
m,p-Xylene	59			10	10	05/01/08 21:23	DMN	4411881
o-Xylene	ND			10	10	05/01/08 21:23	DMN	4411881
Xylenes,Total	59			10	10	05/01/08 21:23	DMN	4411881
Surr: 1,4-Difluorobenzene	94.2		%	39-163	10	05/01/08 21:23	DMN	4411881
Surr: 4-Bromofluorobenzene	99.3		%	57-157	10	05/01/08 21:23	DMN	4411881

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-12 **Collected:** 04/24/2008 8:30 **SPL Sample ID:** 08041566-19

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL				**MCL**	**E325.2**	**Units: mg/L**		
Chloride	185			5	5	04/28/08 16:54	A_E	4404797
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND			0.1	1	05/02/08 0:12	NW	4414134
Surr: n-Pentacosane	38.6		%	20-150	1	05/02/08 0:12	NW	4414134

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	15			1	10	05/01/08 21:50	DMN	4412289
Surr: 1,4-Difluorobenzene	108		%	60-155	10	05/01/08 21:50	DMN	4412289
Surr: 4-Bromofluorobenzene	106		%	50-158	10	05/01/08 21:50	DMN	4412289
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	3400			10	10	05/01/08 21:50	DMN	4411882
Toluene	ND			10	10	05/01/08 21:50	DMN	4411882
Ethylbenzene	240			10	10	05/01/08 21:50	DMN	4411882
m,p-Xylene	210			10	10	05/01/08 21:50	DMN	4411882
o-Xylene	15			10	10	05/01/08 21:50	DMN	4411882
Xylenes,Total	225			10	10	05/01/08 21:50	DMN	4411882
Surr: 1,4-Difluorobenzene	106		%	39-163	10	05/01/08 21:50	DMN	4411882
Surr: 4-Bromofluorobenzene	100		%	57-157	10	05/01/08 21:50	DMN	4411882

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID DUP-01 **Collected:** 04/24/2008 0:00 **SPL Sample ID:** 08041566-20

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	183			5	5	04/28/08 16:54	A_E	4404798
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.75			0.1	1	05/02/08 0:38	NW	4414135
Surr: n-Pentacosane	56.8		%	20-150	1	05/02/08 0:38	NW	4414135

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/28/2008 13:25	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	13			1	10	05/01/08 22:18	DMN	4412290
Surr: 1,4-Difluorobenzene	107		%	60-155	10	05/01/08 22:18	DMN	4412290
Surr: 4-Bromofluorobenzene	104		%	50-158	10	05/01/08 22:18	DMN	4412290
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	2900			10	10	05/01/08 22:18	DMN	4411884
Toluene	ND			10	10	05/01/08 22:18	DMN	4411884
Ethylbenzene	220			10	10	05/01/08 22:18	DMN	4411884
m,p-Xylene	190			10	10	05/01/08 22:18	DMN	4411884
o-Xylene	11			10	10	05/01/08 22:18	DMN	4411884
Xylenes,Total	201			10	10	05/01/08 22:18	DMN	4411884
Surr: 1,4-Difluorobenzene	91.5		%	39-163	10	05/01/08 22:18	DMN	4411884
Surr: 4-Bromofluorobenzene	99.9		%	57-157	10	05/01/08 22:18	DMN	4411884

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID SVE-10 **Collected:** 04/24/2008 9:10 **SPL Sample ID:** 08041566-21

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	226			5	5	04/28/08 16:54	A_E	4404799
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.26			0.1	1	05/02/08 22:13	NW	4414153
Surr: n-Pentacosane	75.0		%	20-150	1	05/02/08 22:13	NW	4414153

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/29/2008 13:05	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	0.56			0.1	1	05/01/08 17:13	DMN	4412281
Surr: 1,4-Difluorobenzene	106		%	60-155	1	05/01/08 17:13	DMN	4412281
Surr: 4-Bromofluorobenzene	110		%	50-158	1	05/01/08 17:13	DMN	4412281
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	14			1	1	05/01/08 17:13	DMN	4411871
Toluene	ND			1	1	05/01/08 17:13	DMN	4411871
Ethylbenzene	26			1	1	05/01/08 17:13	DMN	4411871
m,p-Xylene	ND			1	1	05/01/08 17:13	DMN	4411871
o-Xylene	ND			1	1	05/01/08 17:13	DMN	4411871
Xylenes,Total	ND			1	1	05/01/08 17:13	DMN	4411871
Surr: 1,4-Difluorobenzene	88.9		%	39-163	1	05/01/08 17:13	DMN	4411871
Surr: 4-Bromofluorobenzene	98.5		%	57-157	1	05/01/08 17:13	DMN	4411871

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-11 **Collected:** 04/24/2008 9:35 **SPL Sample ID:** 08041566-22

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	238			5	5	04/28/08 16:55	A_E	4404800
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	28			5	50	05/02/08 13:36	NW	4414148
Surr: n-Pentacosane	D	*	%	20-150	50	05/02/08 13:36	NW	4414148

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/29/2008 13:05	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	34			5	50	05/02/08 0:37	DMN	4412294
Surr: 1,4-Difluorobenzene	99.5		%	60-155	50	05/02/08 0:37	DMN	4412294
Surr: 4-Bromofluorobenzene	103		%	50-158	50	05/02/08 0:37	DMN	4412294
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	7400			50	50	05/02/08 0:37	DMN	4411886
Toluene	360			50	50	05/02/08 0:37	DMN	4411886
Ethylbenzene	680			50	50	05/02/08 0:37	DMN	4411886
m,p-Xylene	1300			50	50	05/02/08 0:37	DMN	4411886
o-Xylene	500			50	50	05/02/08 0:37	DMN	4411886
Xylenes,Total	1800			50	50	05/02/08 0:37	DMN	4411886
Surr: 1,4-Difluorobenzene	93.7		%	39-163	50	05/02/08 0:37	DMN	4411886
Surr: 4-Bromofluorobenzene	99.9		%	57-157	50	05/02/08 0:37	DMN	4411886

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MW-6 **Collected:** 04/24/2008 10:10 **SPL Sample ID:** 08041566-23

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	121			5	5	04/28/08 16:55	A_E	4404801
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	13			2	20	05/02/08 22:35	NW	4414154
Surr: n-Pentacosane	D	*	%	20-150	20	05/02/08 22:35	NW	4414154

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/29/2008 13:05	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	20			5	50	05/01/08 19:32	DMN	4412284
Surr: 1,4-Difluorobenzene	101		%	60-155	50	05/01/08 19:32	DMN	4412284
Surr: 4-Bromofluorobenzene	106		%	50-158	50	05/01/08 19:32	DMN	4412284
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	1500			50	50	05/01/08 19:32	DMN	4411875
Toluene	1500			50	50	05/01/08 19:32	DMN	4411875
Ethylbenzene	410			50	50	05/01/08 19:32	DMN	4411875
m,p-Xylene	580			50	50	05/01/08 19:32	DMN	4411875
o-Xylene	260			50	50	05/01/08 19:32	DMN	4411875
Xylenes,Total	840			50	50	05/01/08 19:32	DMN	4411875
Surr: 1,4-Difluorobenzene	95.0		%	39-163	50	05/01/08 19:32	DMN	4411875
Surr: 4-Bromofluorobenzene	99.6		%	57-157	50	05/01/08 19:32	DMN	4411875

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MW-3 **Collected:** 04/24/2008 11:00 **SPL Sample ID:** 08041566-24

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL				**MCL**	**E325.2**	**Units: mg/L**		
Chloride	47.9			1	1	04/28/08 16:43	A_E	4404792
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	13			2	20	05/02/08 22:58	NW	4414155
Surr: n-Pentacosane	D	*	%	20-150	20	05/02/08 22:58	NW	4414155

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/29/2008 13:05	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	120			25	250	05/01/08 19:59	DMN	4412285
Surr: 1,4-Difluorobenzene	103		%	60-155	250	05/01/08 19:59	DMN	4412285
Surr: 4-Bromofluorobenzene	104		%	50-158	250	05/01/08 19:59	DMN	4412285
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	13000			250	250	05/01/08 19:59	DMN	4411876
Toluene	540			250	250	05/01/08 19:59	DMN	4411876
Ethylbenzene	660			250	250	05/01/08 19:59	DMN	4411876
m,p-Xylene	1000			250	250	05/01/08 19:59	DMN	4411876
o-Xylene	440			250	250	05/01/08 19:59	DMN	4411876
Xylenes,Total	1440			250	250	05/01/08 19:59	DMN	4411876
Surr: 1,4-Difluorobenzene	96.9		%	39-163	250	05/01/08 19:59	DMN	4411876
Surr: 4-Bromofluorobenzene	99.4		%	57-157	250	05/01/08 19:59	DMN	4411876

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MW-9 **Collected:** 04/24/2008 11:25 **SPL Sample ID:** 08041566-25

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
CHLORIDE, TOTAL					**MCL**	**E325.2**	**Units: mg/L**	
Chloride	55.1			1	1	04/28/08 16:43	A_E	4404793
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	25			5	50	05/02/08 14:43	NW	4414149
Surr: n-Pentacosane	D	*	%	20-150	50	05/02/08 14:43	NW	4414149

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	04/29/2008 13:05	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	79			25	250	05/01/08 20:27	DMN	4412286
Surr: 1,4-Difluorobenzene	99.3		%	60-155	250	05/01/08 20:27	DMN	4412286
Surr: 4-Bromofluorobenzene	104		%	50-158	250	05/01/08 20:27	DMN	4412286
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	21000			250	250	05/01/08 20:27	DMN	4411878
Toluene	940			250	250	05/01/08 20:27	DMN	4411878
Ethylbenzene	570			250	250	05/01/08 20:27	DMN	4411878
m,p-Xylene	960			250	250	05/01/08 20:27	DMN	4411878
o-Xylene	420			250	250	05/01/08 20:27	DMN	4411878
Xylenes,Total	1380			250	250	05/01/08 20:27	DMN	4411878
Surr: 1,4-Difluorobenzene	93.7		%	39-163	250	05/01/08 20:27	DMN	4411878
Surr: 4-Bromofluorobenzene	99.9		%	57-157	250	05/01/08 20:27	DMN	4411878

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Diesel Range Organics **WorkOrder:** 08041566
Method: SW8015B **Lab Batch ID:** 78169

Method Blank

RunID: HP_V_080501B-4414113 Units: mg/L
Analysis Date: 05/01/2008 1:29 Analyst: NW
Preparation Date: 04/28/2008 13:25 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	0.10
Surr: n-Pentacosane	95.6	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-01C	MW-21
08041566-02C	MW-16
08041566-03C	MW-20
08041566-04C	MW-17
08041566-05C	MW-25
08041566-06C	MW-24
08041566-07C	DUP-02
08041566-08C	MW-15
08041566-09C	MW-4
08041566-10C	MW-5
08041566-11C	MW-26
08041566-12C	MW-27
08041566-13C	MW-23
08041566-14C	MW-22
08041566-15C	MW-13
08041566-16C	MW-19
08041566-17C	MW-14
08041566-18C	MW-18
08041566-19C	MW-12
08041566-20C	DUP-01

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_V_080501B-4414114 Units: mg/L
Analysis Date: 05/01/2008 2:21 Analyst: NW
Preparation Date: 04/28/2008 13:25 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics (C10-C28)	2.00	1.81	90.7	2.00	1.86	92.9	2.4	20	21	130
Surr: n-Pentacosane	0.0500	0.0481	96.2	0.0500	0.0486	97.2	1.0	30	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Diesel Range Organics
Method: SW8015B

WorkOrder: 08041566
Lab Batch ID: 78231

Method Blank

RunID: HP_Z_080502A-4414145 Units: mg/L
Analysis Date: 05/02/2008 12:29 Analyst: NW
Preparation Date: 04/29/2008 13:05 Prep By: LLL Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	0.10
Surr: n-Pentacosane	88.8	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-21C	SVE-10
08041566-22C	MW-11
08041566-23C	MW-6
08041566-24C	MW-3
08041566-25C	MW-9

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_Z_080502A-4414146 Units: mg/L
Analysis Date: 05/02/2008 12:51 Analyst: NW
Preparation Date: 04/29/2008 13:05 Prep By: LLL Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics (C10-C28)	2.00	2.18	109	2.00	2.12	106	2.6	20	21	130
Surr: n-Pentacosane	0.0500	0.0517	103	0.0500	0.0498	99.6	3.7	30	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Purgeable Aromatics
Method: SW8021B

WorkOrder: 08041566
Lab Batch ID: R235917

Method Blank

RunID: HP_U_080430E-4411059 Units: ug/L
Analysis Date: 04/30/2008 20:19 Analyst: DMN
Preparation Date: 04/30/2008 20:19 Prep By: Method

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	94.0	39-163
Surr: 4-Bromofluorobenzene	97.7	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-01A	MW-21
08041566-02A	MW-16
08041566-03A	MW-20
08041566-04A	MW-17
08041566-05A	MW-25
08041566-06A	MW-24
08041566-07A	DUP-02
08041566-09A	MW-4
08041566-10A	MW-5
08041566-11A	MW-26
08041566-12A	MW-27
08041566-13A	MW-23
08041566-14A	MW-22
08041566-15A	MW-13
08041566-17A	MW-14

Laboratory Control Sample (LCS)

RunID: HP_U_080430E-4411058 Units: ug/L
Analysis Date: 04/30/2008 18:56 Analyst: DMN
Preparation Date: 04/30/2008 18:56 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	20.3	101	70	130
Ethylbenzene	20.0	19.7	98.3	70	130
Toluene	20.0	20.1	101	70	130
m,p-Xylene	40.0	40.1	100	70	130
o-Xylene	20.0	18.9	94.5	70	130
Xylenes,Total	60.0	59.0	98.3	70	130
Surr: 1,4-Difluorobenzene	100	92.1	92.1	39	163
Surr: 4-Bromofluorobenzene	100	98.7	98.7	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08041566-01
RunID: HP_U_080430E-4411060 Units: ug/L
Analysis Date: 04/30/2008 20:46 Analyst: DMN

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08041566
Lab Batch ID: R235917

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	20.4	102	20	20.8	104	2.10	26	40	165
Ethylbenzene	ND	20	20.3	102	20	20.6	103	1.15	34	51	156
Toluene	ND	20	20.7	103	20	19.1	95.7	7.80	25	58	153
m,p-Xylene	ND	40	40.5	101	40	39.5	98.7	2.47	27	51	155
o-Xylene	ND	20	20.4	102	20	19.6	97.8	4.05	25	58	151
Xylenes,Total	ND	60	60.9	101	60	59.1	98.4	3.00	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	94.4	94.4	100	94.3	94.3	0.0909	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	102	102	100	101	101	0.746	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08041566
Lab Batch ID: R235927

Method Blank

RunID: HP_U_080430F-4411207 Units: mg/L
Analysis Date: 04/30/2008 20:19 Analyst: DMN
Preparation Date: 04/30/2008 20:19 Prep By: Method

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	98.3	60-155
Surr: 4-Bromofluorobenzene	101.4	50-158

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-01B	MW-21
08041566-02B	MW-16
08041566-03B	MW-20
08041566-04B	MW-17
08041566-05B	MW-25
08041566-06B	MW-24
08041566-07B	DUP-02
08041566-09B	MW-4
08041566-10B	MW-5
08041566-11B	MW-26
08041566-12B	MW-27
08041566-13B	MW-23
08041566-14B	MW-22
08041566-15B	MW-13
08041566-17B	MW-14

Laboratory Control Sample (LCS)

RunID: HP_U_080430F-4411206 Units: mg/L
Analysis Date: 04/30/2008 19:23 Analyst: DMN
Preparation Date: 04/30/2008 19:23 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	1.02	102	42	136
Surr: 1,4-Difluorobenzene	0.100	0.103	103	60	155
Surr: 4-Bromofluorobenzene	0.100	0.106	106	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08041566-02
RunID: HP_U_080430F-4411208 Units: mg/L
Analysis Date: 04/30/2008 21:42 Analyst: DMN

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08041566
Lab Batch ID: R235927

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	1	0.816	81.6	1	0.845	84.5	3.56	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.101	101	0.1	0.101	101	0.199	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.104	104	0.1	0.104	104	0.673	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08041566
Lab Batch ID: R235973

Method Blank

RunID: HP_U_080501A-4411865 Units: ug/L
Analysis Date: 05/01/2008 14:26 Analyst: DMN
Preparation Date: 05/01/2008 14:26 Prep By: Method

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	92.1	39-163
Surr: 4-Bromofluorobenzene	99.8	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-08A	MW-15
08041566-16A	MW-19
08041566-18A	MW-18
08041566-19A	MW-12
08041566-20A	DUP-01
08041566-21A	SVE-10
08041566-22A	MW-11
08041566-23A	MW-6
08041566-24A	MW-3
08041566-25A	MW-9

Laboratory Control Sample (LCS)

RunID: HP_U_080501A-4411864 Units: ug/L
Analysis Date: 05/01/2008 13:03 Analyst: DMN
Preparation Date: 05/01/2008 13:03 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	20.8	104	70	130
Ethylbenzene	20.0	20.6	103	70	130
Toluene	20.0	19.5	97.3	70	130
m,p-Xylene	40.0	40.9	102	70	130
o-Xylene	20.0	19.9	99.3	70	130
Xylenes,Total	60.0	60.8	101	70	130
Surr: 1,4-Difluorobenzene	100	98.9	98.9	39	163
Surr: 4-Bromofluorobenzene	100	102	102	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08041566-16
RunID: HP_U_080501A-4411866 Units: ug/L
Analysis Date: 05/01/2008 14:54 Analyst: DMN

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08041566
Lab Batch ID: R235973

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	20.8	104	20	20.6	103	1.22	26	40	165
Ethylbenzene	ND	20	19.6	98.0	20	19.5	97.6	0.440	34	51	156
Toluene	ND	20	18.9	94.4	20	19.0	95.2	0.814	25	58	153
m,p-Xylene	ND	40	39.7	97.8	40	38.9	95.9	2.00	27	51	155
o-Xylene	ND	20	18.7	93.5	20	19.6	97.8	4.49	25	58	151
Xylenes,Total	ND	60	58.4	96.4	60	58.5	96.5	0.129	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	98.6	98.6	100	97.9	97.9	0.706	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	101	101	100	102	102	1.93	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08041566
Lab Batch ID: R236008

Method Blank

RunID: HP_U_080501C-4412277 Units: mg/L
Analysis Date: 05/01/2008 14:26 Analyst: DMN
Preparation Date: 05/01/2008 14:26 Prep By: Method

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	99.1	60-155
Surr: 4-Bromofluorobenzene	101.6	50-158

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-08B	MW-15
08041566-16B	MW-19
08041566-18B	MW-18
08041566-19B	MW-12
08041566-20B	DUP-01
08041566-21B	SVE-10
08041566-22B	MW-11
08041566-23B	MW-6
08041566-24B	MW-3
08041566-25B	MW-9

Laboratory Control Sample (LCS)

RunID: HP_U_080501C-4412276 Units: mg/L
Analysis Date: 05/01/2008 13:30 Analyst: DMN
Preparation Date: 05/01/2008 13:30 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.988	98.8	42	136
Surr: 1,4-Difluorobenzene	0.100	0.103	103	60	155
Surr: 4-Bromofluorobenzene	0.100	0.106	106	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08041566-21
RunID: HP_U_080501C-4412278 Units: mg/L
Analysis Date: 05/01/2008 15:49 Analyst: DMN

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	0.565	1	1.20	63.9	1	1.20	63.7	0.0998	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.107	107	0.1	0.106	106	0.376	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.112	112	0.1	0.112	112	0.0892	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Chloride, Total
Method: E325.2
WorkOrder: 08041566
Lab Batch ID: R235401

Method Blank

RunID: KONELAB_080428B-4401519 Units: mg/L
Analysis Date: 04/28/2008 9:53 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	1.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-01D	MW-21
08041566-02D	MW-16
08041566-03D	MW-20
08041566-04D	MW-17
08041566-05D	MW-25
08041566-06D	MW-24
08041566-07D	DUP-02
08041566-08D	MW-15
08041566-09D	MW-4

Laboratory Control Sample (LCS)

RunID: KONELAB_080428B-44015 Units: mg/L
Analysis Date: 04/28/2008 9:53 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	50.00	47.11	94.21	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08041566-05
RunID: KONELAB_080428B-44015 Units: mg/L
Analysis Date: 04/28/2008 11:08 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	268.8	50	306.8	N/C	50	310.4	N/C	N/C	20	76	131

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Chloride, Total
Method: E325.2

WorkOrder: 08041566
Lab Batch ID: R235538

Method Blank

RunID: KONELAB_080428C-4404776 Units: mg/L
Analysis Date: 04/28/2008 15:53 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	1.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-10D	MW-5
08041566-11D	MW-26
08041566-12D	MW-27
08041566-13D	MW-23
08041566-14D	MW-22
08041566-15D	MW-13
08041566-16D	MW-19
08041566-17D	MW-14

Laboratory Control Sample (LCS)

RunID: KONELAB_080428C-44047 Units: mg/L
Analysis Date: 04/28/2008 15:53 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	50.00	48.68	97.35	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08041566-10
RunID: KONELAB_080428C-44047 Units: mg/L
Analysis Date: 04/28/2008 16:11 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	36.06	50	83.24	94.36	50	82.98	93.84	0.3112	20	76	131

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs

Analysis: Chloride, Total
Method: E325.2
WorkOrder: 08041566
Lab Batch ID: R235538A

Method Blank

RunID: KONELAB_080428C-4404776 Units: mg/L
Analysis Date: 04/28/2008 15:53 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	1.0

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08041566-18D	MW-18
08041566-19D	MW-12
08041566-20D	DUP-01
08041566-21D	SVE-10
08041566-22D	MW-11
08041566-23D	MW-6
08041566-24D	MW-3
08041566-25D	MW-9

Laboratory Control Sample (LCS)

RunID: KONELAB_080428C-44047 Units: mg/L
Analysis Date: 04/28/2008 15:53 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	50.00	48.68	97.35	80	120

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08041566-18
RunID: KONELAB_080428C-44047 Units: mg/L
Analysis Date: 04/28/2008 16:54 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	201.4	50	242.3	N/C	50	243.8	N/C	N/C	20	76	131

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	08041566	Received By:	BB
Date and Time Received:	4/25/2008 10:00:00 AM	Carrier name:	Fedex-Standard Overnight
Temperature:	4.0°C	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4.	Chain of custody present?	Yes ☑	No ☐	
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐	
7.	Samples in proper container/bottle?	Yes ☑	No ☐	
8.	Sample containers intact? 1. Received 1 of 2 samples for MW-27, MW-23, and MW-9 broken for DRO analysis.	Yes ☐	No ☑	
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐	
10.	All samples received within holding time?	Yes ☑	No ☐	
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
12.	Water - VOA vials have zero headspace?	Yes ☑	No ☐	VOA Vials Not Present ☐
13.	Water - Preservation checked upon receipt (except VOA*)?	Yes ☐	No ☐	Not Applicable ☑

*VOA Preservation Checked After Sample Analysis

SPL Representative: Agarwal, Bethany A. **Contact Date & Time:** 4/28/2008 10:47:00 AM

Client Name Contacted: Greg Pope

Non Conformance Issues:

Client Instructions: Notified client via email of nonconformance issues.

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 0804 1566 — 280873 — page 1 of 11

Client Name: Tetra Tech
Address: 1703 W. Industrial Ave Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
MW-21	4-23-08	0830		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-16	4-23-08	0855		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-20	4-23-08	0925		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Blossom	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: B. Blann

☐ 8880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775
☐ 459 Hughes Dr. Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 280874 / 0804156 page 2 of 11

Client Name: Tetra Tech
Address: 1703 N. Industrial Ave Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
mw-20	4-23-08	0925		X	w	P	1	NONE	1				X
↓	↓	↓		X	w	A	1	HCl	2			X	
mw-17	4-23-08	0945		X	w	V	40	HCl	3	X			
				X	w	V	40	HCl	3		X		
				X	w	P	1	NONE	1				X
				X	w	A	1	HCl	2			X	
mw-25	4-23-08	1010		X	w	V	40	HCl	3	X			
				X	w	V	40	HCl	3		X		
				X	w	P	1	NONE	1				X
				X	w	A	1	HCl	2			X	

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 4.6

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): PA

	date	time	
1. Relinquished by Sampler: Scott Blessum	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: Brenda Blann

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 08041566 — 280852

page 3 of 11

Client Name: Tetra Tech
Address: 1703 W. Industrial Ave. Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
MW-24	4-23-08	1030		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
DUP-02	4-23-08	—		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-15	4-23-08	1105		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Blossom	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:20	6. Received by Laboratory: B. Glenn

☐ 8880 Interchange Drive
Houston TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70 (337) 237-4775

☐ 459 Hughes Dr
Traverse City, MI 49686 (2 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 280853 (08041566)

page 4 of 11

Client Name: Tetra Tech
Address: 1703 N Industrial Ave Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
mw-15	4-23-08	1105		X	w	P	1	NONE	1				X
↓	↓	1105		X	w	A	1	HCl	2			X	
mw-4	4-23-08	1125		X	w	V	40	HCl	3	X			
				X	w	V	40	HCl	3		X		
				X	w	P	1	NONE	1				X
				X	w	A	1	HCl	2			X	
mw-5	4-23-08	1150		X	w	V	40	HCl	3	X			
				X	w	V	40	HCl	3		X		
				X	w	P	1	NONE	1				X
				X	w	A	1	HCl	2			X	

Requested Analysis

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 4c°

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Blossom	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory:

☐ 6880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775
☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 280854

ORI41566

page 5 of 11

Client Name: Tetra Tech

Address: 1703 W Industrial Ave Midland TX 79701

Phone/Fax: 432-686-8081

Client Contact: Greg Pope Email:

Project Name/No.: East Hobbs Junction

Site Name:

Site Location: Hobbs, NM

Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other

bottle: P=plastic A=amber glass G=glass V=vial X=other

size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other

pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
MW-26	4-23-08	1310		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-27	4-23-08	1335		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-23	4-23-08	1405		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N

Ice? Y N

Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time		
1. Relinquished by Sampler: Scott Blossom	4-24-08	1500	2. Received by:	
3. Relinquished by:	date	time	4. Received by:	
5. Relinquished by:	4/25/08	10:00	6. Received by Laboratory: B. Blanco	

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 280855

08 0415 66

page 6 of 11

Client Name: TeTra Tech

Address: 1703 W Industrial Ave Midland TX 79701

Phone/Fax: 432-686-8081

Client Contact: Greg Aope Email:

Project Name/No.: East Hobbs Junction

Site Name:

Site Location: Hobbs, NM

Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil SL=sludge O=oil X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 8=8oz 16=16oz 40=vial X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
MW-22	4-23-08	1425		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-13	4-23-08	1445		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-19	4-23-08	1510		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N

Ice? Y N

Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Blossom	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: B. Blanco

☐ 8880 Interchange Drive
Houston TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70[illegible] (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (2[illegible]947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 280856 (0804156) page 7 of 11

Client Name: Tetra Tech
Address: 1703 W Industrial Ave Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
MW-14	4-23-08	1530		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-23	4-23-08	1405		X	W	P	1	NONE	1				X
↓	↓	↓		X	W	A	1	HCl	2			X	

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Bloss	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: B Blanco

☐ 8880 Interchange Drive Houston TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70[illegible] (337) 237-4775
☐ 459 Hughes Drive Traverse City, MI 49686 (2[illegible]947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 280857
0804 1566
page 8 of 11

Client Name: Tetra Tech
Address: 1703 W. Industrial Ave Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015 <12	Chloride - 300
MW-18	4-24-08	0810		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-12	4-24-08	0830		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
RSD ~~MW~~ Dup-01	4-24-08	—		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Blossom	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: B. Blanco

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

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Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 08041566 — 280858

Client Name: TeTra Tech
Address: 1703 W. Industrial Ave Midland TX 79701
Phone/Fax: 432 - 686 - 8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015	Chloride - 300
Dup - 01	4.24.08	—		X	W	P	1	NONE	1				X
↓	↓	↓		X	W	A	1	HCl	2			X	
SVE-10	4.24.08	0910		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
				X	W	A	1	HCl	2			X	
MW-11	4.24.08	0935		X	W	V	40	HCl	3	X			
				X	W	V	40	HCl	3		X		
				X	W	P	1	NONE	1				X
↓	↓	↓		X	W	A	1	HCl	2			X	

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 4.5

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): RA

	date	time	
1. Relinquished by Sampler: Scott Blossom	4.24.08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: B. Blanc

☐ 8880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70[illegible] (337) 237-4775
☐ 459 Hughes Drive Traverse City, MI 49686 ([illegible]947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 08041566 — 280859 — page 10 of 11

Client Name: Tetra Tech
Address: 1703 W. Industrial Ave Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	BTEX - 8021	GRO - 8015	DRO - 8015 x2	Chloride - 300					
mw-6	4-24-08	1010		X	w	v	40	HCl	3	X								
				X	w	v	40	HCl	3		X							
				X	w	p	1	None	1				X					
				X	w	A	1	HCl	2			X						
mw-3	4-24-08	1100		X	w	v	40	HCl	3	X								
				X	w	v	40	HCl	3		X							
				X	w	p	1	None	1				X					
				X	w	A	1	HCl	2			X						
mw-9	4-24-08	1125		X	w	v	40	HCl	3	X								
				X	w	v	40	HCl	3		X							

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Blessen	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: B. Blanco

☐ 8880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70 (337) 237-4775
☐ 459 Hughes Drive Traverse City, MI 49686 (947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 08041566 — 280860

page 11 of 11

Client Name: Tetra Tech
Address: 1703 W. Industrial Ave Midland TX 79701
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email:
Project Name/No.: East Hobbs Junction
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX - 8021	GRO - 8015	DRO - 8015 ↙2	Chloride - 300
mw-9	4-24-08	1125		X	W	P	1	None	1				X
↓	↓	↓		X	W	A	1	HCl	2			X	

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4.0

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler: Scott Blossom	4-24-08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 4/25/08	time 10:00	6. Received by Laboratory: B. Blanco

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☐ 459 Hughes Dr[illegible] Traverse City, MI 49686 (2[illegible]) 947-5777

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08071603

Report To:		Project Name:	COP East Hobbs Junction
Tetra Tech		Site:	Hobbs, NM
Greg Pope		Site Address:	
1703 W Industrial Avenue			
Midland		PO Number:	4509519774
TX		State:	New Mexico
79701-		State Cert. No.:	
ph: (432) 686-8081	fax:	Date Reported:	8/8/2008

This Report Contains A Total Of 49 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

8/8/2008

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08071603

Report To: Tetra Tech
Greg Pope
1703 W Industrial Avenue

Midland
TX
79701-
ph: (432) 686-8081 fax: (432) 686-8085

Fax To:

Project Name: COP East Hobbs Junction
Site: Hobbs, NM
Site Address:

PO Number: 4509519774
State: New Mexico
State Cert. No.:
Date Reported: 8/8/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
DUP-1	08071603-01	Water	7/24/2008	7/26/2008 10:00:00 AM		☐
DUP-2	08071603-02	Water	7/25/2008	7/26/2008 10:00:00 AM		☐
Trip Blank	08071603-03	Water	7/25/2008	7/26/2008 10:00:00 AM		☐
MW-6	08071603-04	Water	7/25/2008 10:00:00 AM	7/26/2008 10:00:00 AM		☐
MW-3	08071603-05	Water	7/25/2008 10:20:00 AM	7/26/2008 10:00:00 AM		☐
MW-12	08071603-06	Water	7/25/2008 8:15:00 AM	7/26/2008 10:00:00 AM		☐
SVE-10	08071603-07	Water	7/25/2008 9:00:00 AM	7/26/2008 10:00:00 AM		☐
MW-	08071603-08	Water	7/25/2008 9:25:00 AM	7/26/2008 10:00:00 AM		☐
MW-24	08071603-09	Water	7/24/2008 8:32:00 AM	7/26/2008 10:00:00 AM		☐
MW-15	08071603-10	Water	7/24/2008 8:50:00 AM	7/26/2008 10:00:00 AM		☐
MW-4	08071603-11	Water	7/24/2008 9:35:00 AM	7/26/2008 10:00:00 AM		☐
MW-21	08071603-12	Water	7/23/2008 8:35:00 AM	7/26/2008 10:00:00 AM		☐
MW-16	08071603-13	Water	7/23/2008 2:35:00 PM	7/26/2008 10:00:00 AM		☐
MW-20	08071603-14	Water	7/23/2008 3:03:00 PM	7/26/2008 10:00:00 AM		☐
MW-17	08071603-15	Water	7/23/2008 3:32:00 PM	7/26/2008 10:00:00 AM		☐
MW-25	08071603-16	Water	7/24/2008 7:51:00 AM	7/26/2008 10:00:00 AM		☐
MW-14	08071603-17	Water	7/24/2008 3:02:00 PM	7/26/2008 10:00:00 AM		☐
MW-18	08071603-18	Water	7/24/2008 3:30:00 PM	7/26/2008 10:00:00 AM		☐
MW-27	08071603-20	Water	7/24/2008 11:00:00 AM	7/26/2008 10:00:00 AM		☐
MW-13	08071603-21	Water	7/24/2008 2:00:00 PM	7/26/2008 10:00:00 AM		☐
MW-19	08071603-22	Water	7/24/2008 2:25:00 PM	7/26/2008 10:00:00 AM		☐
MW-5	08071603-23	Water	7/24/2008 10:29:00 AM	7/26/2008 10:00:00 AM		☐
MW-26	08071603-24	Water	7/24/2008 10:48:00 AM	7/26/2008 10:00:00 AM		☐
MW-23	08071603-25	Water	7/24/2008 11:39:00 AM	7/26/2008 10:00:00 AM		☐

Bethany Agarwal 8/8/2008

Bethany A. Agarwal
Senior Project Manager

Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08071603

Report To:	Tetra Tech Greg Pope 1703 W Industrial Avenue Midland TX 79701- ph: (432) 686-8081 fax: (432) 686-8085	**Project Name:**	COP East Hobbs Junction
		Site:	Hobbs, NM
		Site Address:	
		PO Number:	4509519774
		State:	New Mexico
		State Cert. No.:	
Fax To:		**Date Reported:**	8/8/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-22	08071603-26	Water	7/24/2008 1:30:00 PM	7/26/2008 10:00:00 AM		☐

Bethany A. Agarwal
Senior Project Manager

8/8/2008
Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID DUP-1 **Collected:** 07/24/2008 0:00 **SPL Sample ID:** 08071603-01

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.27			0.1	1	08/01/08 16:44	NW	4607164
Surr: n-Pentacosane	79.8		%	20-150	1	08/01/08 16:44	NW	4607164

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	0.54			0.1	1	07/29/08 23:01	EMB	4600281
Surr: 1,4-Difluorobenzene	120		%	60-155	1	07/29/08 23:01	EMB	4600281
Surr: 4-Bromofluorobenzene	99.0		%	50-158	1	07/29/08 23:01	EMB	4600281
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	216			10	20	07/29/08 18:37	A_E	4598994
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	4.5			1	1	07/29/08 23:01	EMB	4600032
Toluene	4.7			1	1	07/29/08 23:01	EMB	4600032
Ethylbenzene	36			1	1	07/29/08 23:01	EMB	4600032
m,p-Xylene	6.3			1	1	07/29/08 23:01	EMB	4600032
o-Xylene	2.8			1	1	07/29/08 23:01	EMB	4600032
Xylenes,Total	9.1			1	1	07/29/08 23:01	EMB	4600032
Surr: 1,4-Difluorobenzene	97.1		%	39-163	1	07/29/08 23:01	EMB	4600032
Surr: 4-Bromofluorobenzene	98.6		%	57-157	1	07/29/08 23:01	EMB	4600032

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID DUP-2 **Collected:** 07/25/2008 0:00 **SPL Sample ID:** 08071603-02

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.47			0.1	1	08/01/08 17:06	NW	4607165
Surr: n-Pentacosane	67.0		%	20-150	1	08/01/08 17:06	NW	4607165

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	8.7			2.5	25	08/02/08 21:27	CLJ	4607546
Surr: 1,4-Difluorobenzene	98.1		%	60-155	25	08/02/08 21:27	CLJ	4607546
Surr: 4-Bromofluorobenzene	106		%	50-158	25	08/02/08 21:27	CLJ	4607546
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	180			10	20	07/29/08 18:54	A_E	4598995
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	2500			25	25	07/29/08 10:15	NMa	4607431
Toluene	ND			25	25	07/29/08 10:15	NMa	4607431
Ethylbenzene	120			25	25	07/29/08 10:15	NMa	4607431
m,p-Xylene	90			25	25	07/29/08 10:15	NMa	4607431
o-Xylene	ND			25	25	07/29/08 10:15	NMa	4607431
Xylenes,Total	90			25	25	07/29/08 10:15	NMa	4607431
Surr: 1,4-Difluorobenzene	102		%	39-163	25	07/29/08 10:15	NMa	4607431
Surr: 4-Bromofluorobenzene	101		%	57-157	25	07/29/08 10:15	NMa	4607431

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID Trip Blank **Collected:** 07/25/2008 0:00 **SPL Sample ID:** 08071603-03

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	08/06/08 15:57	CLJ	4613866
Toluene	ND			1	1	08/06/08 15:57	CLJ	4613866
Ethylbenzene	ND			1	1	08/06/08 15:57	CLJ	4613866
m,p-Xylene	ND			1	1	08/06/08 15:57	CLJ	4613866
o-Xylene	ND			1	1	08/06/08 15:57	CLJ	4613866
Xylenes,Total	ND			1	1	08/06/08 15:57	CLJ	4613866
Surr: 1,4-Difluorobenzene	98.7		%	39-163	1	08/06/08 15:57	CLJ	4613866
Surr: 4-Bromofluorobenzene	107		%	57-157	1	08/06/08 15:57	CLJ	4613866

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-6 **Collected:** 07/25/2008 10:00 **SPL Sample ID:** 08071603-04

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	17			2	20	08/02/08 0:42	NW	4607184
Surr: n-Pentacosane	D	*	%	20-150	20	08/02/08 0:42	NW	4607184

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	8.4			0.5	5	08/02/08 21:54	CLJ	4607547
Surr: 1,4-Difluorobenzene	109		%	60-155	5	08/02/08 21:54	CLJ	4607547
Surr: 4-Bromofluorobenzene	116		%	50-158	5	08/02/08 21:54	CLJ	4607547
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	101			5	10	07/29/08 19:10	A_E	4598996
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	720			5	5	07/29/08 10:47	NMa	4607432
Toluene	690			5	5	07/29/08 10:47	NMa	4607432
Ethylbenzene	250			5	5	07/29/08 10:47	NMa	4607432
m,p-Xylene	270			5	5	07/29/08 10:47	NMa	4607432
o-Xylene	140			5	5	07/29/08 10:47	NMa	4607432
Xylenes,Total	410			5	5	07/29/08 10:47	NMa	4607432
Surr: 1,4-Difluorobenzene	103		%	39-163	5	07/29/08 10:47	NMa	4607432
Surr: 4-Bromofluorobenzene	104		%	57-157	5	07/29/08 10:47	NMa	4607432

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-3 **Collected:** 07/25/2008 10:20 **SPL Sample ID:** 08071603-05

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	22			1	10	08/02/08 1:03	NW	4607185
Surr: n-Pentacosane	D	*	%	20-150	10	08/02/08 1:03	NW	4607185

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	59			2.5	25	07/30/08 9:59	EMB	4600296
Surr: 1,4-Difluorobenzene	127		%	60-155	25	07/30/08 9:59	EMB	4600296
Surr: 4-Bromofluorobenzene	108		%	50-158	25	07/30/08 9:59	EMB	4600296
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	44.7			2	4	07/29/08 19:26	A_E	4598997
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	10000			100	100	07/29/08 11:18	NMa	4607433
Toluene	130			100	100	07/29/08 11:18	NMa	4607433
Ethylbenzene	460			100	100	07/29/08 11:18	NMa	4607433
m,p-Xylene	560			100	100	07/29/08 11:18	NMa	4607433
o-Xylene	290			100	100	07/29/08 11:18	NMa	4607433
Xylenes,Total	850			100	100	07/29/08 11:18	NMa	4607433
Surr: 1,4-Difluorobenzene	101		%	39-163	100	07/29/08 11:18	NMa	4607433
Surr: 4-Bromofluorobenzene	99.7		%	57-157	100	07/29/08 11:18	NMa	4607433

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-12 **Collected:** 07/25/2008 8:15 **SPL Sample ID:** 08071603-06

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.53			0.1	1	08/01/08 17:28	NW	4607166
Surr: n-Pentacosane	64.2		%	20-150	1	08/01/08 17:28	NW	4607166

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	8.9			2.5	25	08/02/08 22:22	CLJ	4607548
Surr: 1,4-Difluorobenzene	97.7		%	60-155	25	08/02/08 22:22	CLJ	4607548
Surr: 4-Bromofluorobenzene	106		%	50-158	25	08/02/08 22:22	CLJ	4607548
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	182			10	20	07/29/08 20:16	A_E	4599000
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	2700			25	25	07/29/08 11:49	NMa	4607434
Toluene	ND			25	25	07/29/08 11:49	NMa	4607434
Ethylbenzene	130			25	25	07/29/08 11:49	NMa	4607434
m,p-Xylene	100			25	25	07/29/08 11:49	NMa	4607434
o-Xylene	ND			25	25	07/29/08 11:49	NMa	4607434
Xylenes,Total	100			25	25	07/29/08 11:49	NMa	4607434
Surr: 1,4-Difluorobenzene	101		%	39-163	25	07/29/08 11:49	NMa	4607434
Surr: 4-Bromofluorobenzene	99.7		%	57-157	25	07/29/08 11:49	NMa	4607434

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

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Client Sample ID SVE-10 **Collected:** 07/25/2008 9:00 **SPL Sample ID:** 08071603-07

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.28			0.1	1	08/01/08 17:49	NW	4607167
Surr: n-Pentacosane	85.2		%	20-150	1	08/01/08 17:49	NW	4607167

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	0.68			0.5	5	08/02/08 20:03	CLJ	4607543
Surr: 1,4-Difluorobenzene	97.3		%	60-155	5	08/02/08 20:03	CLJ	4607543
Surr: 4-Bromofluorobenzene	106		%	50-158	5	08/02/08 20:03	CLJ	4607543
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	253			10	20	07/29/08 20:32	A_E	4599001
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	180			1	1	07/29/08 13:53	NMa	4607438
Toluene	ND			1	1	07/29/08 13:53	NMa	4607438
Ethylbenzene	16			1	1	07/29/08 13:53	NMa	4607438
m,p-Xylene	12			1	1	07/29/08 13:53	NMa	4607438
o-Xylene	ND			1	1	07/29/08 13:53	NMa	4607438
Xylenes,Total	12			1	1	07/29/08 13:53	NMa	4607438
Surr: 1,4-Difluorobenzene	99.3		%	39-163	1	07/29/08 13:53	NMa	4607438
Surr: 4-Bromofluorobenzene	97.8		%	57-157	1	07/29/08 13:53	NMa	4607438

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-11 **Collected:** 07/25/2008 9:25 **SPL Sample ID:** 08071603-08

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	20			5	50	08/02/08 0:20	NW	4607183
Surr: n-Pentacosane	D	*	%	20-150	50	08/02/08 0:20	NW	4607183

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	36			25	250	08/02/08 23:46	CLJ	4607551
Surr: 1,4-Difluorobenzene	96.1		%	60-155	250	08/02/08 23:46	CLJ	4607551
Surr: 4-Bromofluorobenzene	106		%	50-158	250	08/02/08 23:46	CLJ	4607551
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	271			10	20	07/29/08 20:49	A_E	4599002
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	7600			250	250	07/29/08 12:20	NMa	4607435
Toluene	460			250	250	07/29/08 12:20	NMa	4607435
Ethylbenzene	990			250	250	07/29/08 12:20	NMa	4607435
m,p-Xylene	1800			250	250	07/29/08 12:20	NMa	4607435
o-Xylene	650			250	250	07/29/08 12:20	NMa	4607435
Xylenes,Total	2450			250	250	07/29/08 12:20	NMa	4607435
Surr: 1,4-Difluorobenzene	102		%	39-163	250	07/29/08 12:20	NMa	4607435
Surr: 4-Bromofluorobenzene	101		%	57-157	250	07/29/08 12:20	NMa	4607435

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-24 **Collected:** 07/24/2008 8:32 **SPL Sample ID:** 08071603-09

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.32			0.1	1	08/01/08 18:11	NW	4607168
Surr: n-Pentacosane	109		%	20-150	1	08/01/08 18:11	NW	4607168

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	0.29			0.1	1	08/03/08 0:14	CLJ	4607552
Surr: 1,4-Difluorobenzene	106		%	60-155	1	08/03/08 0:14	CLJ	4607552
Surr: 4-Bromofluorobenzene	111		%	50-158	1	08/03/08 0:14	CLJ	4607552
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	217			10	20	07/29/08 21:05	A_E	4599003
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	3.2			1	1	07/29/08 13:22	NMa	4607437
Toluene	2.9			1	1	07/29/08 13:22	NMa	4607437
Ethylbenzene	19			1	1	07/29/08 13:22	NMa	4607437
m,p-Xylene	3			1	1	07/29/08 13:22	NMa	4607437
o-Xylene	1.5			1	1	07/29/08 13:22	NMa	4607437
Xylenes,Total	4.5			1	1	07/29/08 13:22	NMa	4607437
Surr: 1,4-Difluorobenzene	97.8		%	39-163	1	07/29/08 13:22	NMa	4607437
Surr: 4-Bromofluorobenzene	98.5		%	57-157	1	07/29/08 13:22	NMa	4607437

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-15 **Collected:** 07/24/2008 8:50 **SPL Sample ID:** 08071603-10

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics (C10-C28)	0.37			0.1	1	08/01/08 18:33	NW	4607169
Surr: n-Pentacosane	49.8		%	20-150	1	08/01/08 18:33	NW	4607169

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			1	10	08/03/08 0:42	CLJ	4607553
Surr: 1,4-Difluorobenzene	94.9		%	60-155	10	08/03/08 0:42	CLJ	4607553
Surr: 4-Bromofluorobenzene	107		%	50-158	10	08/03/08 0:42	CLJ	4607553
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	372			10	20	07/29/08 21:54	A_E	4599006
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			10	10	07/29/08 9:44	NMa	4607430
Toluene	ND			10	10	07/29/08 9:44	NMa	4607430
Ethylbenzene	ND			10	10	07/29/08 9:44	NMa	4607430
m,p-Xylene	ND			10	10	07/29/08 9:44	NMa	4607430
o-Xylene	ND			10	10	07/29/08 9:44	NMa	4607430
Xylenes,Total	ND			10	10	07/29/08 9:44	NMa	4607430
Surr: 1,4-Difluorobenzene	100		%	39-163	10	07/29/08 9:44	NMa	4607430
Surr: 4-Bromofluorobenzene	99.4		%	57-157	10	07/29/08 9:44	NMa	4607430

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-4 **Collected:** 07/24/2008 9:35 **SPL Sample ID:** 08071603-11

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND			0.1	1	08/01/08 18:55	NW	4607170
Surr: n-Pentacosane	69.8		%	20-150	1	08/01/08 18:55	NW	4607170

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/29/08 2:54	NMa	4607499
Surr: 1,4-Difluorobenzene	102		%	60-155	1	07/29/08 2:54	NMa	4607499
Surr: 4-Bromofluorobenzene	100		%	50-158	1	07/29/08 2:54	NMa	4607499
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	41.7			2	4	07/29/08 22:11	A_E	4599007
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/29/08 2:54	NMa	4607426
Toluene	1			1	1	07/29/08 2:54	NMa	4607426
Ethylbenzene	ND			1	1	07/29/08 2:54	NMa	4607426
m,p-Xylene	ND			1	1	07/29/08 2:54	NMa	4607426
o-Xylene	ND			1	1	07/29/08 2:54	NMa	4607426
Xylenes,Total	ND			1	1	07/29/08 2:54	NMa	4607426
Surr: 1,4-Difluorobenzene	100		%	39-163	1	07/29/08 2:54	NMa	4607426
Surr: 4-Bromofluorobenzene	100		%	57-157	1	07/29/08 2:54	NMa	4607426

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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Client Sample ID MW-21 **Collected:** 07/23/2008 8:35 **SPL Sample ID:** 08071603-12

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND			0.1	1	08/01/08 20:00	NW	4607172
Surr: n-Pentacosane	37.8		%	20-150	1	08/01/08 20:00	NW	4607172

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/29/08 3:25	NMa	4607500
Surr: 1,4-Difluorobenzene	102		%	60-155	1	07/29/08 3:25	NMa	4607500
Surr: 4-Bromofluorobenzene	102		%	50-158	1	07/29/08 3:25	NMa	4607500
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	694			50	100	07/29/08 23:33	A_E	4599012
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/29/08 3:25	NMa	4607427
Toluene	ND			1	1	07/29/08 3:25	NMa	4607427
Ethylbenzene	ND			1	1	07/29/08 3:25	NMa	4607427
m,p-Xylene	ND			1	1	07/29/08 3:25	NMa	4607427
o-Xylene	ND			1	1	07/29/08 3:25	NMa	4607427
Xylenes,Total	ND			1	1	07/29/08 3:25	NMa	4607427
Surr: 1,4-Difluorobenzene	102		%	39-163	1	07/29/08 3:25	NMa	4607427
Surr: 4-Bromofluorobenzene	102		%	57-157	1	07/29/08 3:25	NMa	4607427

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-16 **Collected:** 07/23/2008 14:35 **SPL Sample ID:** 08071603-13

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.16			0.1	1	08/01/08 20:21	NW	4607173
Surr: n-Pentacosane	51.0		%	20-150	1	08/01/08 20:21	NW	4607173

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/29/08 23:30	EMB	4600282
Surr: 1,4-Difluorobenzene	102		%	60-155	1	07/29/08 23:30	EMB	4600282
Surr: 4-Bromofluorobenzene	94.2		%	50-158	1	07/29/08 23:30	EMB	4600282
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	168			5	10	07/29/08 23:49	A_E	4599013
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/29/08 23:30	EMB	4600033
Toluene	ND			1	1	07/29/08 23:30	EMB	4600033
Ethylbenzene	ND			1	1	07/29/08 23:30	EMB	4600033
m,p-Xylene	ND			1	1	07/29/08 23:30	EMB	4600033
o-Xylene	ND			1	1	07/29/08 23:30	EMB	4600033
Xylenes,Total	ND			1	1	07/29/08 23:30	EMB	4600033
Surr: 1,4-Difluorobenzene	99.4		%	39-163	1	07/29/08 23:30	EMB	4600033
Surr: 4-Bromofluorobenzene	101		%	57-157	1	07/29/08 23:30	EMB	4600033

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-20 **Collected:** 07/23/2008 15:03 **SPL Sample ID:** 08071603-14

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.19		0.1	1	08/01/08 20:43	NW	4607174
Surr: n-Pentacosane	42.2		% 20-150	1	08/01/08 20:43	NW	4607174

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	07/29/08 23:58	EMB	4600283
Surr: 1,4-Difluorobenzene	103		% 60-155	1	07/29/08 23:58	EMB	4600283
Surr: 4-Bromofluorobenzene	96.4		% 50-158	1	07/29/08 23:58	EMB	4600283
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	98.1		5	10	07/30/08 0:06	A_E	4599014
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	07/29/08 23:58	EMB	4600034
Toluene	ND		1	1	07/29/08 23:58	EMB	4600034
Ethylbenzene	ND		1	1	07/29/08 23:58	EMB	4600034
m,p-Xylene	ND		1	1	07/29/08 23:58	EMB	4600034
o-Xylene	ND		1	1	07/29/08 23:58	EMB	4600034
Xylenes,Total	ND		1	1	07/29/08 23:58	EMB	4600034
Surr: 1,4-Difluorobenzene	99.2		% 39-163	1	07/29/08 23:58	EMB	4600034
Surr: 4-Bromofluorobenzene	102		% 57-157	1	07/29/08 23:58	EMB	4600034

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-17 **Collected:** 07/23/2008 15:32 **SPL Sample ID:** 08071603-15

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.33			0.1	1	08/01/08 21:05	NW	4607175
Surr: n-Pentacosane	103		%	20-150	1	08/01/08 21:05	NW	4607175

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/30/08 0:27	EMB	4600284
Surr: 1,4-Difluorobenzene	102		%	60-155	1	07/30/08 0:27	EMB	4600284
Surr: 4-Bromofluorobenzene	95.9		%	50-158	1	07/30/08 0:27	EMB	4600284
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	284			10	20	07/30/08 0:22	A_E	4599015
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/30/08 0:27	EMB	4600035
Toluene	ND			1	1	07/30/08 0:27	EMB	4600035
Ethylbenzene	ND			1	1	07/30/08 0:27	EMB	4600035
m,p-Xylene	ND			1	1	07/30/08 0:27	EMB	4600035
o-Xylene	ND			1	1	07/30/08 0:27	EMB	4600035
Xylenes,Total	ND			1	1	07/30/08 0:27	EMB	4600035
Surr: 1,4-Difluorobenzene	97.7		%	39-163	1	07/30/08 0:27	EMB	4600035
Surr: 4-Bromofluorobenzene	99.3		%	57-157	1	07/30/08 0:27	EMB	4600035

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-25 **Collected:** 07/24/2008 7:51 **SPL Sample ID:** 08071603-16

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.2			0.1	1	08/01/08 21:26	NW	4607176
Surr: n-Pentacosane	53.8		%	20-150	1	08/01/08 21:26	NW	4607176

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/30/08 0:56	EMB	4600285
Surr: 1,4-Difluorobenzene	103		%	60-155	1	07/30/08 0:56	EMB	4600285
Surr: 4-Bromofluorobenzene	96.3		%	50-158	1	07/30/08 0:56	EMB	4600285
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	256			10	20	07/30/08 1:12	A_E	4599018
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/30/08 0:56	EMB	4600036
Toluene	ND			1	1	07/30/08 0:56	EMB	4600036
Ethylbenzene	ND			1	1	07/30/08 0:56	EMB	4600036
m,p-Xylene	ND			1	1	07/30/08 0:56	EMB	4600036
o-Xylene	ND			1	1	07/30/08 0:56	EMB	4600036
Xylenes,Total	ND			1	1	07/30/08 0:56	EMB	4600036
Surr: 1,4-Difluorobenzene	97.2		%	39-163	1	07/30/08 0:56	EMB	4600036
Surr: 4-Bromofluorobenzene	100		%	57-157	1	07/30/08 0:56	EMB	4600036

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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8880 INTERCHANGE DRIVE
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Client Sample ID MW-14 **Collected:** 07/24/2008 15:02 **SPL Sample ID:** 08071603-17

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.11		0.1		1	08/01/08 21:48	NW	4607177
Surr: n-Pentacosane	63.8		% 20-150		1	08/01/08 21:48	NW	4607177

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1		1	07/30/08 1:24	EMB	4600286
Surr: 1,4-Difluorobenzene	103		% 60-155		1	07/30/08 1:24	EMB	4600286
Surr: 4-Bromofluorobenzene	95.0		% 50-158		1	07/30/08 1:24	EMB	4600286
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	196		10		20	07/30/08 1:28	A_E	4599019
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	1.2		1		1	07/30/08 1:24	EMB	4600037
Toluene	ND		1		1	07/30/08 1:24	EMB	4600037
Ethylbenzene	ND		1		1	07/30/08 1:24	EMB	4600037
m,p-Xylene	ND		1		1	07/30/08 1:24	EMB	4600037
o-Xylene	ND		1		1	07/30/08 1:24	EMB	4600037
Xylenes,Total	ND		1		1	07/30/08 1:24	EMB	4600037
Surr: 1,4-Difluorobenzene	96.4		% 39-163		1	07/30/08 1:24	EMB	4600037
Surr: 4-Bromofluorobenzene	98.9		% 57-157		1	07/30/08 1:24	EMB	4600037

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-18 **Collected:** 07/24/2008 15:30 **SPL Sample ID:** 08071603-18

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.22		0.1	1	08/01/08 22:10	NW	4607178
Surr: n-Pentacosane	56.6		% 20-150	1	08/01/08 22:10	NW	4607178

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	10		5	50	08/04/08 13:21	CLJ	4608130
Surr: 1,4-Difluorobenzene	97.0		% 60-155	50	08/04/08 13:21	CLJ	4608130
Surr: 4-Bromofluorobenzene	107		% 50-158	50	08/04/08 13:21	CLJ	4608130
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	208		10	20	07/30/08 2:17	A_E	4599022
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	4800		50	50	08/04/08 13:17	CLJ	4608396
Toluene	ND		5	5	07/29/08 12:51	NMa	4607436
Ethylbenzene	58		5	5	07/29/08 12:51	NMa	4607436
m,p-Xylene	31		5	5	07/29/08 12:51	NMa	4607436
o-Xylene	8.3		5	5	07/29/08 12:51	NMa	4607436
Xylenes,Total	39.3		5	5	07/29/08 12:51	NMa	4607436
Surr: 1,4-Difluorobenzene	101		% 39-163	5	07/29/08 12:51	NMa	4607436
Surr: 1,4-Difluorobenzene	97.5		% 39-163	50	08/04/08 13:17	CLJ	4608396
Surr: 4-Bromofluorobenzene	100		% 57-157	5	07/29/08 12:51	NMa	4607436
Surr: 4-Bromofluorobenzene	108		% 57-157	50	08/04/08 13:17	CLJ	4608396

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-27 **Collected:** 07/24/2008 11:00 **SPL Sample ID:** 08071603-20

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.2		0.1	1	08/01/08 22:32	NW	4607179
Surr: n-Pentacosane	74.2	%	20-150	1	08/01/08 22:32	NW	4607179

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	0.57		0.1	1	07/30/08 1:53	EMB	4600287
Surr: 1,4-Difluorobenzene	108	%	60-155	1	07/30/08 1:53	EMB	4600287
Surr: 4-Bromofluorobenzene	96.1	%	50-158	1	07/30/08 1:53	EMB	4600287
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	104		5	10	07/30/08 2:34	A_E	4599023
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	140		1	1	07/30/08 1:53	EMB	4600038
Toluene	33		1	1	07/30/08 1:53	EMB	4600038
Ethylbenzene	6.3		1	1	07/30/08 1:53	EMB	4600038
m,p-Xylene	7.3		1	1	07/30/08 1:53	EMB	4600038
o-Xylene	3.7		1	1	07/30/08 1:53	EMB	4600038
Xylenes,Total	11		1	1	07/30/08 1:53	EMB	4600038
Surr: 1,4-Difluorobenzene	97.9	%	39-163	1	07/30/08 1:53	EMB	4600038
Surr: 4-Bromofluorobenzene	102	%	57-157	1	07/30/08 1:53	EMB	4600038

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-13 **Collected:** 07/24/2008 14:00 **SPL Sample ID:** 08071603-21

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND		0.1	1	08/01/08 22:53	NW	4607180
Surr: n-Pentacosane	40.8		% 20-150	1	08/01/08 22:53	NW	4607180

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	07/30/08 2:22	EMB	4600288
Surr: 1,4-Difluorobenzene	103		% 60-155	1	07/30/08 2:22	EMB	4600288
Surr: 4-Bromofluorobenzene	96.0		% 50-158	1	07/30/08 2:22	EMB	4600288
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	74		5	10	07/30/08 2:50	A_E	4599024
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	07/30/08 2:22	EMB	4600039
Toluene	ND		1	1	07/30/08 2:22	EMB	4600039
Ethylbenzene	ND		1	1	07/30/08 2:22	EMB	4600039
m,p-Xylene	ND		1	1	07/30/08 2:22	EMB	4600039
o-Xylene	ND		1	1	07/30/08 2:22	EMB	4600039
Xylenes,Total	ND		1	1	07/30/08 2:22	EMB	4600039
Surr: 1,4-Difluorobenzene	99.1		% 39-163	1	07/30/08 2:22	EMB	4600039
Surr: 4-Bromofluorobenzene	100		% 57-157	1	07/30/08 2:22	EMB	4600039

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-19 **Collected:** 07/24/2008 14:25 **SPL Sample ID:** 08071603-22

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND			0.1	1	08/01/08 23:15	NW	4607181
Surr: n-Pentacosane	44.2		%	20-150	1	08/01/08 23:15	NW	4607181

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 12:27	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/30/08 7:13	EMB	4600291
Surr: 1,4-Difluorobenzene	103		%	60-155	1	07/30/08 7:13	EMB	4600291
Surr: 4-Bromofluorobenzene	95.8		%	50-158	1	07/30/08 7:13	EMB	4600291
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	96.5			5	10	07/30/08 3:07	A_E	4599025
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/30/08 7:13	EMB	4600042
Toluene	ND			1	1	07/30/08 7:13	EMB	4600042
Ethylbenzene	ND			1	1	07/30/08 7:13	EMB	4600042
m,p-Xylene	ND			1	1	07/30/08 7:13	EMB	4600042
o-Xylene	ND			1	1	07/30/08 7:13	EMB	4600042
Xylenes,Total	ND			1	1	07/30/08 7:13	EMB	4600042
Surr: 1,4-Difluorobenzene	97.9		%	39-163	1	07/30/08 7:13	EMB	4600042
Surr: 4-Bromofluorobenzene	101		%	57-157	1	07/30/08 7:13	EMB	4600042

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-5 **Collected:** 07/24/2008 10:29 **SPL Sample ID:** 08071603-23

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND			0.1	1	08/01/08 1:17	NW	4607051
Surr: n-Pentacosane	69.0		%	20-150	1	08/01/08 1:17	NW	4607051

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 15:31	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/30/08 7:42	EMB	4600292
Surr: 1,4-Difluorobenzene	102		%	60-155	1	07/30/08 7:42	EMB	4600292
Surr: 4-Bromofluorobenzene	94.2		%	50-158	1	07/30/08 7:42	EMB	4600292
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	21.4			2	4	07/30/08 3:23	A_E	4599026
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/30/08 7:42	EMB	4600043
Toluene	ND			1	1	07/30/08 7:42	EMB	4600043
Ethylbenzene	ND			1	1	07/30/08 7:42	EMB	4600043
m,p-Xylene	ND			1	1	07/30/08 7:42	EMB	4600043
o-Xylene	ND			1	1	07/30/08 7:42	EMB	4600043
Xylenes,Total	ND			1	1	07/30/08 7:42	EMB	4600043
Surr: 1,4-Difluorobenzene	97.5		%	39-163	1	07/30/08 7:42	EMB	4600043
Surr: 4-Bromofluorobenzene	102		%	57-157	1	07/30/08 7:42	EMB	4600043

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-26 **Collected:** 07/24/2008 10:48 **SPL Sample ID:** 08071603-24

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	0.29			0.1	1	08/01/08 1:39	NW	4607052
Surr: n-Pentacosane	60.6		%	20-150	1	08/01/08 1:39	NW	4607052

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 15:31	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/30/08 8:10	EMB	4600293
Surr: 1,4-Difluorobenzene	103		%	60-155	1	07/30/08 8:10	EMB	4600293
Surr: 4-Bromofluorobenzene	96.5		%	50-158	1	07/30/08 8:10	EMB	4600293
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	92.6			5	10	07/30/08 3:40	A_E	4599027
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/30/08 8:10	EMB	4600044
Toluene	ND			1	1	07/30/08 8:10	EMB	4600044
Ethylbenzene	ND			1	1	07/30/08 8:10	EMB	4600044
m,p-Xylene	ND			1	1	07/30/08 8:10	EMB	4600044
o-Xylene	ND			1	1	07/30/08 8:10	EMB	4600044
Xylenes,Total	ND			1	1	07/30/08 8:10	EMB	4600044
Surr: 1,4-Difluorobenzene	98.2		%	39-163	1	07/30/08 8:10	EMB	4600044
Surr: 4-Bromofluorobenzene	101		%	57-157	1	07/30/08 8:10	EMB	4600044

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-23 **Collected:** 07/24/2008 11:39 **SPL Sample ID:** 08071603-25

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND		0.1		1	08/01/08 2:01	NW	4607053
Surr: n-Pentacosane	64.2		% 20-150		1	08/01/08 2:01	NW	4607053

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 15:31	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1		1	07/30/08 8:39	EMB	4600294
Surr: 1,4-Difluorobenzene	103		% 60-155		1	07/30/08 8:39	EMB	4600294
Surr: 4-Bromofluorobenzene	95.6		% 50-158		1	07/30/08 8:39	EMB	4600294
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	59.5		5		10	07/30/08 3:56	A_E	4599028
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1		1	07/30/08 8:39	EMB	4600045
Toluene	ND		1		1	07/30/08 8:39	EMB	4600045
Ethylbenzene	ND		1		1	07/30/08 8:39	EMB	4600045
m,p-Xylene	ND		1		1	07/30/08 8:39	EMB	4600045
o-Xylene	ND		1		1	07/30/08 8:39	EMB	4600045
Xylenes,Total	ND		1		1	07/30/08 8:39	EMB	4600045
Surr: 1,4-Difluorobenzene	97.8		% 39-163		1	07/30/08 8:39	EMB	4600045
Surr: 4-Bromofluorobenzene	100		% 57-157		1	07/30/08 8:39	EMB	4600045

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-22 **Collected:** 07/24/2008 13:30 **SPL Sample ID:** 08071603-26

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics (C10-C28)	ND			0.1	1	08/01/08 2:22	NW	4607054
Surr: n-Pentacosane	76.2		%	20-150	1	08/01/08 2:22	NW	4607054

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	07/29/2008 15:31	LLL	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	07/30/08 9:07	EMB	4600295
Surr: 1,4-Difluorobenzene	103		%	60-155	1	07/30/08 9:07	EMB	4600295
Surr: 4-Bromofluorobenzene	96.1		%	50-158	1	07/30/08 9:07	EMB	4600295
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	82.1			5	10	07/30/08 4:12	A_E	4599029
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	07/30/08 9:07	EMB	4600046
Toluene	ND			1	1	07/30/08 9:07	EMB	4600046
Ethylbenzene	ND			1	1	07/30/08 9:07	EMB	4600046
m,p-Xylene	ND			1	1	07/30/08 9:07	EMB	4600046
o-Xylene	ND			1	1	07/30/08 9:07	EMB	4600046
Xylenes,Total	ND			1	1	07/30/08 9:07	EMB	4600046
Surr: 1,4-Difluorobenzene	97.5		%	39-163	1	07/30/08 9:07	EMB	4600046
Surr: 4-Bromofluorobenzene	100		%	57-157	1	07/30/08 9:07	EMB	4600046

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Diesel Range Organics
Method: SW8015B
WorkOrder: 08071603
Lab Batch ID: 82181

Method Blank

RunID: HP_Z_080801A-4607161 Units: mg/L
Analysis Date: 08/01/2008 15:40 Analyst: NW
Preparation Date: 07/29/2008 12:27 Prep By: LLL Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	0.10
Surr: n-Pentacosane	96.0	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-01B	DUP-1
08071603-02B	DUP-2
08071603-04B	MW-6
08071603-05B	MW-3
08071603-06B	MW-12
08071603-07B	SVE-10
08071603-08B	MW-11
08071603-09B	MW-24
08071603-10B	MW-15
08071603-11B	MW-4
08071603-12B	MW-21
08071603-13B	MW-16
08071603-14B	MW-20
08071603-15B	MW-17
08071603-16B	MW-25
08071603-17B	MW-14
08071603-18B	MW-18
08071603-20B	MW-27
08071603-21B	MW-13
08071603-22B	MW-19

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_Z_080801A-4607162 Units: mg/L
Analysis Date: 08/01/2008 16:01 Analyst: NW
Preparation Date: 07/29/2008 12:27 Prep By: LLL Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics (C10-C28)	2.00	1.71	85.7	2.00	1.87	93.3	8.5	20	21	130
Surr: n-Pentacosane	0.0500	0.0403	80.6	0.0500	0.0445	89.0	9.9	30	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Diesel Range Organics
Method: SW8015B
WorkOrder: 08071603
Lab Batch ID: 82192

Method Blank

RunID: HP_Z_080731A-4607048 Units: mg/L
Analysis Date: 08/01/2008 0:13 Analyst: NW
Preparation Date: 07/29/2008 15:31 Prep By: LLL Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics (C10-C28)	ND	0.10
Surr: n-Pentacosane	99.8	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-23B	MW-5
08071603-24B	MW-26
08071603-25B	MW-23
08071603-26B	MW-22

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_Z_080731A-4607049 Units: mg/L
Analysis Date: 08/01/2008 0:34 Analyst: NW
Preparation Date: 07/29/2008 15:31 Prep By: LLL Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics (C10-C28)	2.00	1.95	97.3	2.00	1.92	96.0	1.4	20	21	130
Surr: n-Pentacosane	0.0500	0.0484	96.8	0.0500	0.0454	90.8	6.4	30	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08071603
Lab Batch ID: R246743

Method Blank

RunID: HP_P_080729A-4600027 Units: ug/L
Analysis Date: 07/29/2008 17:36 Analyst: EMB

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	98.8	39-163
Surr: 4-Bromofluorobenzene	101.1	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-01A	DUP-1
08071603-13A	MW-16
08071603-14A	MW-20
08071603-15A	MW-17
08071603-16A	MW-25
08071603-17A	MW-14
08071603-20A	MW-27
08071603-21A	MW-13
08071603-22A	MW-19
08071603-23A	MW-5
08071603-24A	MW-26
08071603-25A	MW-23
08071603-26A	MW-22

Laboratory Control Sample (LCS)

RunID: HP_P_080729A-4600024 Units: ug/L
Analysis Date: 07/29/2008 13:35 Analyst: EMB

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	20.7	103	70	130
Ethylbenzene	20.0	20.5	102	66	132
Toluene	20.0	20.3	102	69	133
m,p-Xylene	40.0	39.8	99.6	67	136
o-Xylene	20.0	19.6	97.8	67	133
Xylenes,Total	60.0	59.4	99.0	67	136
Surr: 1,4-Difluorobenzene	100	98.2	98.2	39	163
Surr: 4-Bromofluorobenzene	100	102	102	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071557-01
RunID: HP_P_080729A-4600025 Units: ug/L
Analysis Date: 07/29/2008 15:12 Analyst: EMB

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08071603
Lab Batch ID: R246743

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	21.0	105	20	21.2	106	0.744	26	40	165
Ethylbenzene	ND	20	20.9	105	20	20.8	104	0.788	34	51	156
Toluene	ND	20	21.1	105	20	20.7	103	1.81	25	58	153
m,p-Xylene	ND	40	40.7	102	40	40.2	101	1.17	27	51	155
o-Xylene	ND	20	20.0	100	20	20.2	101	0.760	25	58	151
Xylenes,Total	ND	60	60.7	101	60	60.4	101	0.529	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	97.5	97.5	100	98.5	98.5	0.973	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	101	101	100	102	102	0.513	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics **WorkOrder:** 08071603
Method: SW8015B **Lab Batch ID:** R246759

Method Blank

RunID: HP_P_080729B-4600277 Units: mg/L
Analysis Date: 07/29/2008 17:36 Analyst: EMB

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	102.5	60-155
Surr: 4-Bromofluorobenzene	95.4	50-158

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-01A	DUP-1
08071603-05A	MW-3
08071603-13A	MW-16
08071603-14A	MW-20
08071603-15A	MW-17
08071603-16A	MW-25
08071603-17A	MW-14
08071603-20A	MW-27
08071603-21A	MW-13
08071603-22A	MW-19
08071603-23A	MW-5
08071603-24A	MW-26
08071603-25A	MW-23
08071603-26A	MW-22

Laboratory Control Sample (LCS)

RunID: HP_P_080729B-4600274 Units: mg/L
Analysis Date: 07/29/2008 13:07 Analyst: EMB

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	1.17	117	42	136
Surr: 1,4-Difluorobenzene	0.100	0.105	105	60	155
Surr: 4-Bromofluorobenzene	0.100	0.0968	96.8	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071423-01
RunID: HP_P_080729B-4600275 Units: mg/L
Analysis Date: 07/29/2008 16:10 Analyst: EMB

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics **WorkOrder:** 08071603
Method: SW8015B **Lab Batch ID:** R246759

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071423-01
RunID: HP_P_080729B-4600275 Units: mg/L
Analysis Date: 07/29/2008 16:10 Analyst: EMB

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	1	1.02	102	1	1.04	104	1.65	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.105	105	0.1	0.104	104	0.767	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.0971	97.1	0.1	0.0976	97.6	0.514	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08071603
Lab Batch ID: R247169

Method Blank

RunID: VARE_080728A-4607425 Units: ug/L
Analysis Date: 07/29/2008 2:23 Analyst: NMa

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	99.9	39-163
Surr: 4-Bromofluorobenzene	99.6	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-02A	DUP-2
08071603-04A	MW-6
08071603-05A	MW-3
08071603-06A	MW-12
08071603-07A	SVE-10
08071603-08A	MW-11
08071603-09A	MW-24
08071603-10A	MW-15
08071603-11A	MW-4
08071603-12A	MW-21
08071603-18A	MW-18

Laboratory Control Sample (LCS)

RunID: VARE_080728A-4607422 Units: ug/L
Analysis Date: 07/28/2008 23:16 Analyst: NMa

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	18.9	94.4	70	130
Ethylbenzene	20.0	18.6	93.0	66	132
Toluene	20.0	18.6	92.8	69	133
m,p-Xylene	40.0	37.5	93.7	67	136
o-Xylene	20.0	18.5	92.7	67	133
Xylenes,Total	60.0	56.0	93.3	67	136
Surr: 1,4-Difluorobenzene	100	101	101	39	163
Surr: 4-Bromofluorobenzene	100	102	102	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071603-11
RunID: VARE_080728A-4607423 Units: ug/L
Analysis Date: 07/28/2008 23:47 Analyst: NMa

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics **WorkOrder:** 08071603
Method: SW8021B **Lab Batch ID:** R247169

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	19.2	96.0	20	18.7	93.5	2.62	26	40	165
Ethylbenzene	ND	20	18.9	94.6	20	18.3	91.7	3.10	34	51	156
Toluene	1.02	20	19.7	93.4	20	18.9	89.6	3.87	25	58	153
m,p-Xylene	ND	40	37.9	94.7	40	36.6	91.6	3.41	27	51	155
o-Xylene	ND	20	18.5	92.3	20	18.1	90.5	1.97	25	58	151
Xylenes,Total	ND	60	56.4	93.9	60	54.7	91.2	2.93	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	101	101	100	101	101	0.230	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	101	101	100	100	100	0.956	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08071603
Lab Batch ID: R247173

Method Blank

RunID: VARE_080728B-4607498 Units: mg/L
Analysis Date: 07/29/2008 2:23 Analyst: NMa

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-11A	MW-4
08071603-12A	MW-21

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	100.3	60-155
Surr: 4-Bromofluorobenzene	100.8	50-158

Laboratory Control Sample (LCS)

RunID: VARE_080728B-4607495 Units: mg/L
Analysis Date: 07/28/2008 22:44 Analyst: NMa

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	1.07	107	42	136
Surr: 1,4-Difluorobenzene	0.100	0.101	101	60	155
Surr: 4-Bromofluorobenzene	0.100	0.103	103	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071603-12
RunID: VARE_080728B-4607496 Units: mg/L
Analysis Date: 07/29/2008 0:49 Analyst: NMa

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	1	1.13	113	1	1.14	114	1.05	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.102	102	0.1	0.105	105	2.90	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.103	103	0.1	0.106	106	2.40	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08071603
Lab Batch ID: R247178

Method Blank

RunID: HP_U_080802A-4607542 Units: mg/L
Analysis Date: 08/02/2008 19:35 Analyst: CLJ

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	96.4	60-155
Surr: 4-Bromofluorobenzene	105.7	50-158

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-02A	DUP-2
08071603-04A	MW-6
08071603-06A	MW-12
08071603-07A	SVE-10
08071603-08A	MW-11
08071603-09A	MW-24
08071603-10A	MW-15

Laboratory Control Sample (LCS)

RunID: HP_U_080802A-4607539 Units: mg/L
Analysis Date: 08/02/2008 17:37 Analyst: CLJ

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.975	97.5	42	136
Surr: 1,4-Difluorobenzene	0.100	0.0986	98.6	60	155
Surr: 4-Bromofluorobenzene	0.100	0.111	111	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071603-07
RunID: HP_U_080802A-4607540 Units: mg/L
Analysis Date: 08/02/2008 18:38 Analyst: CLJ

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	0.683	5	4.20	70.4	5	3.59	58.2	15.7	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.5	0.484	96.8	0.5	0.482	96.5	0.352	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.5	0.548	110	0.5	0.545	109	0.586	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 08071603
Lab Batch ID: R247215

Method Blank

RunID: HP_U_080804B-4608129 Units: mg/L
Analysis Date: 08/04/2008 10:34 Analyst: CLJ

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-18A	MW-18

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	91.3	60-155
Surr: 4-Bromofluorobenzene	107.2	50-158

Laboratory Control Sample (LCS)

RunID: HP_U_080804B-4608126 Units: mg/L
Analysis Date: 08/04/2008 8:18 Analyst: CLJ

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.964	96.4	42	136
Surr: 1,4-Difluorobenzene	0.100	0.0977	97.7	60	155
Surr: 4-Bromofluorobenzene	0.100	0.111	111	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071783-04
RunID: HP_U_080804B-4608127 Units: mg/L
Analysis Date: 08/04/2008 9:38 Analyst: CLJ

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	1	0.986	91.3	1	0.931	85.8	5.74	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.0978	97.8	0.1	0.0970	97.0	0.821	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.112	112	0.1	0.111	111	0.627	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08071603
Lab Batch ID: R247231

Method Blank

RunID: HP_S_080804A-4608394 Units: ug/L
Analysis Date: 08/04/2008 10:57 Analyst: CLJ

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-18A	MW-18

Analyte	Result	Rep Limit
Benzene	ND	1.0
Surr: 1,4-Difluorobenzene	98.7	39-163
Surr: 4-Bromofluorobenzene	108.0	57-157

Laboratory Control Sample (LCS)

RunID: HP_S_080804A-4608390 Units: ug/L
Analysis Date: 08/04/2008 7:51 Analyst: CLJ

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	21.4	107	70	130
Surr: 1,4-Difluorobenzene	100	99.3	99.3	39	163
Surr: 4-Bromofluorobenzene	100	108	108	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08080029-01
RunID: HP_S_080804A-4608391 Units: ug/L
Analysis Date: 08/04/2008 9:32 Analyst: CLJ

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	3040	200	3090	N/C	200	2940	N/C	N/C	26	40	165
Surr: 1,4-Difluorobenzene	ND	1000	1080	108	1000	1060	106	1.44	30	39	163
Surr: 4-Bromofluorobenzene	ND	1000	1040	104	1000	1050	105	1.06	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics **WorkOrder:** 08071603
Method: SW8021B **Lab Batch ID:** R247476

Method Blank

RunID: HP_S_080806A-4612299 Units: ug/L
Analysis Date: 08/06/2008 12:10 Analyst: CLJ

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-03A	Trip Blank

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	97.4	39-163
Surr: 4-Bromofluorobenzene	104.8	57-157

Laboratory Control Sample (LCS)

RunID: HP_S_080806A-4612294 Units: ug/L
Analysis Date: 08/06/2008 9:24 Analyst: CLJ

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	23.9	120	70	130
Ethylbenzene	20.0	23.9	119	66	132
Toluene	20.0	23.4	117	69	133
m,p-Xylene	40.0	48.3	121	67	136
o-Xylene	20.0	22.8	114	67	133
Xylenes,Total	60.0	71.1	119	67	136
Surr: 1,4-Difluorobenzene	100	99.6	99.6	39	163
Surr: 4-Bromofluorobenzene	100	107	107	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08080098-01
RunID: HP_S_080806A-4612295 Units: ug/L
Analysis Date: 08/06/2008 9:52 Analyst: CLJ

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08071603
Lab Batch ID: R247476

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	27.9	139	20	28.0	140	0.481	26	40	165
Ethylbenzene	ND	20	27.3	137	20	27.4	137	0.410	34	51	156
Toluene	ND	20	27.2	136	20	27.2	136	0.0956	25	58	153
m,p-Xylene	ND	40	55.8	140	40	56.0	140	0.392	27	51	155
o-Xylene	ND	20	26.8	134	20	26.9	135	0.237	25	58	151
Xylenes,Total	ND	60	82.6	138	60	82.9	138	0.342	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	98.1	98.1	100	98.4	98.4	0.304	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	106	106	100	107	107	0.571	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography **WorkOrder:** 08071603
Method: E300.0 **Lab Batch ID:** R246695D

Method Blank

RunID: IC1_080729A-4599004 Units: mg/L
Analysis Date: 07/29/2008 21:21 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-10C	MW-15
08071603-11C	MW-4
08071603-12C	MW-21
08071603-13C	MW-16
08071603-14C	MW-20
08071603-15C	MW-17

Laboratory Control Sample (LCS)

RunID: IC1_080729A-4599005 Units: mg/L
Analysis Date: 07/29/2008 21:38 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.416	94.16	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071603-11
RunID: IC1_080729A-4599008 Units: mg/L
Analysis Date: 07/29/2008 22:27 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	41.70	40	81.46	99.39	40	81.26	98.89	0.2446	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography **WorkOrder:** 08071603
Method: E300.0 **Lab Batch ID:** R246695F

Method Blank

RunID: IC1_080729A-4599016 Units: mg/L
Analysis Date: 07/30/2008 0:39 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-16C	MW-25
08071603-17C	MW-14
08071603-18C	MW-18
08071603-20C	MW-27
08071603-21C	MW-13
08071603-22C	MW-19
08071603-23C	MW-5
08071603-24C	MW-26
08071603-25C	MW-23
08071603-26C	MW-22

Laboratory Control Sample (LCS)

RunID: IC1_080729A-4599017 Units: mg/L
Analysis Date: 07/30/2008 0:55 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.460	94.60	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071603-26
RunID: IC1_080729A-4599030 Units: mg/L
Analysis Date: 07/30/2008 4:29 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	82.08	100	186.7	104.6	100	185.4	103.3	0.6901	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0
WorkOrder: 08071603
Lab Batch ID: R246695S

Method Blank

RunID: IC1_080729A-4598988 Units: mg/L
Analysis Date: 07/29/2008 16:58 Analyst: A_E

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08071603-01C	DUP-1
08071603-02C	DUP-2
08071603-04C	MW-6
08071603-05C	MW-3
08071603-06C	MW-12
08071603-07C	SVE-10
08071603-08C	MW-11
08071603-09C	MW-24

Laboratory Control Sample (LCS)

RunID: IC1_080729A-4598989 Units: mg/L
Analysis Date: 07/29/2008 17:15 Analyst: A_E

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.621	96.21	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08071461-03
RunID: IC1_080729A-4598991 Units: mg/L
Analysis Date: 07/29/2008 17:48 Analyst: A_E

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	22.02	40	55.07	82.60	40	55.17	82.86	0.1814	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	08071603	Received By:	BB
Date and Time Received:	7/26/2008 10:00:00 AM	Carrier name:	Fedex-Priority
Temperature:	3.0°C	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4.	Chain of custody present?	Yes ☑	No ☐	
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐	
7.	Samples in proper container/bottle?	Yes ☑	No ☐	
8.	Sample containers intact?	Yes ☐	No ☑	
	1. Received 1 liter/HCL for sample ID (MW-25) broken. 1. Received 1 liter/HCL for sample ID (DUP-1) broken.			
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐	
10.	All samples received within holding time?	Yes ☑	No ☐	
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
12.	Water - VOA vials have zero headspace?	Yes ☐	No ☐	VOA Vials Not Present ☑
13.	Water - Preservation checked upon receipt (except VOA*)?	Yes ☐	No ☐	Not Applicable ☑

*VOA Preservation Checked After Sample Analysis

SPL Representative: Rodriguez, Alisha Christine
Contact Date & Time: 7/28/2008 10:21:00 AM
Client Name Contacted: Greg Pope

Non Conformance Issues: Trip Blank listed on the chain of custody, however no analyses requested. Sample MW-12 received containers for Btex and Gro but not requested on the chain of custody.

Client Instructions: Emailed client on the broken containers. Also, please analyze trip blank by 8021_BTEX and analyze BTEX and GRO for MW-12. AR 8/5/08.

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips — **SPL Workorder Number:** 08071603

Attention: Greg Pope

Phone: 432-686-8081 | email: gwpope57@aol.com

Address: 1703 W Industrial Avenue

City: Midland | State: TX | Zip Code: 79701

Project Name: East Hobbs Junction

P.O. Number:

Sampled By: signature B & E Brooks — print B + E Brooks

Sample ID	Collected Date	Collected Time	Sample Type Comp	Sample Type Grab	Matrix Water	Matrix Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis BTEX-8021	GRO-8015	DRO-8015	CHLORIDE-300
MW-6	7-25-08	1000		X	X		1	3	3	X			
↓	↓	↓		↓	↓		1	3	3		X		
							4	3	2			X	
							3	1	1				X
MW-3	7-25-08	1020					1	3	3	X			
↓	↓	↓		↓	↓		1	3	3		X		
							4	3	2			X	
							3	1	1				X
DUP-1	7-24-08						1	3	3	X			
↓	↓			↓	↓		1	3	3		X		

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks:

Intact? (Y) or N
Temperature: 3.0°C

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic

Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

BA

Relinquished by Sampler:	Date	Time	Received by:
B & E Brooks	7/25/08	1300	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by SPL, Inc.
	7/26/08	10:00	B. Blanco

Page ___ of ___

Chain of Custody Record

D8071603

Client: Tetra Tech/ Conoco Phillips

SPL Workorder Number:

Attention: Greg Pope

Phone:432-686-8081 | email:gwpape57@aol.com

Address: 1703 W Industrial Avenue

City: Midland | State: TX | Zip Code: 79701

Project Name: East Hobbs Junction

P.O. Number:

Sampled By: signature W L Brooks print H L Brooks

Sample ID	Collected: Date	Collected: Time	Sample Type: Comp	Sample Type: Grab	Matrix: Water	Matrix: Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: BTEX-8021	GRO-8015	DRO-8015	CHLORIDE-300
DUP-1	7-24-08			X	X		4	3	3			X	
							3	1	1				X
DUP-2	7-25-08						1	3	3	X			
							1	3	3		X		
							4	3	2			X	
							3	1	1				X
Trip blank													

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks:

Intact? Y or N
Temperature: 3.0c

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic
Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

RA

	Date	Time	
Relinquished by Sampler: W L Brooks	7-25-08	1300	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 7/26/08	Time 10:00	Received by SPL, Inc. B Blanco

Page of

Chain of Custody Record

Client: Tetra Tech/ Conoco Phillips

SPL Workorder Number: 08071603

Attention: Greg Pope

Phone: 432-686-8081 | email: gwpope57@aol.com

Address: 1703 W Industrial Avenue

City: Midland | State: TX | Zip Code: 79701

Project Name: East Hobbs Junction

P.O. Number:

Sampled By: (signature) W. H. Black (print) H. L. Brooks

Sample ID	Collected: Date	Collected: Time	Sample Type: Comp	Sample Type: Grab	Matrix: Water	Matrix: Soil	Bottle Type	Preservative Type	# of Containers	Requested Analysis: BTEX-8021	GRO-8015	DRO-8015	CHLORIDE-300
MW-12	7-25-08	08:15		X	X		4	3	2			X	
↓		↓					3		1				X
SVE-10		0900					1	3	3	X			
							1	3	3		X		
							4	3	2			X	
							3		1				X
MW-11		0925					1	3	3	X			
							1	3	3		X		
							4	3	2			X	
							3	1	1				X

Turnaround Time Requirements
24 hr( ) 48 hr( )
72 hr( ) 5 wday( )
10 wday - Standard(X)

Remarks:

Intact? Y or N
Temperature: 3.0°C

Bottle Types: 1: 3/40ml Vials 2. 1L Glass 3. 1L Plastic 4. 1L Amber Glass 5. 8oz Plastic

Preservative Types: 1: NONE 2. HNO3 3. HCL 4. H2SO4

BA

	Date	Time	
Relinquished by Sampler: W. H. Black	7-25-08	1300	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 7/26/08	Time 10:00	Received by SPL, Inc. B. Blanco

Page ___ of ___

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 311633 (080716 03) page ____ of ____

Client Name: Tetra Tech
Address: 1703 W Industrial
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email: gwpope57@aol.com
Project Name/No.: East Hobbs Junction
Site Name:
Site Location:
Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	BTEX - 8021	TPH-GRO-8015	TPH-DRO-8015	CL-300					
MW-24	7-24-08	0832		X	W			1	3	X								
								1	3		X							
								1	2			X						
								NA	1				X					
MW-15	7-24-08	0850						1	3	X								
								1	3		X							
								1	2			X						
								NA	1				X					
MW-4	7-24-08	0935						1	3	X								
								1	3		X							

Requested Analysis

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 3.0°C

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☒
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time		
1. Relinquished by Sampler:	7/25/08	1300	2. Received by:	
3. Relinquished by:	date	time	4. Received by:	
5. Relinquished by:	7/24/08	10:00	6. Received by Laboratory: B. Blanco	

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☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 311632

page ____ of ____

Client Name:	Tetra Tech
Address:	1703 W Industrial Av.
Phone/Fax:	432-686-8081
Client Contact:	Greg Pope Email: gwpope57@aol.com
Project Name/No.:	East Hobbs Junction
Site Name:	
Site Location:	
Invoice To:	Ph:

matrix: W=water S=soil O=oil SL=sludge X=other

bottle: P=plastic A=amber glass G=glass V=vial X=other

size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other

pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

Requested Analysis: BTEX - 8021 | TPH - GRO - 8015 | TPH - DRO - 8015 | CL - 300

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	BTEX - 8021	TPH - GRO - 8015	TPH - DRO - 8015	CL - 300
MW-21	7-23-08	0835		X	W			1	3	X			
↓	↓	↓		↓	↓			1	3		X		
								1	2			X	
								NA	1				X
MW-16	7-23-08	14:35						1	3	X			
	↓							1	3		X		
								1	2			X	
								NA	1				X
MW-20	7-23-08	15:03						1	3	X			
↓	↓			↓	↓			1	3		X		

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N

Ice? ☑ Y ☐ N

Temp: 3.0°C

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☒

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

1. Relinquished by Sampler:	date 7/25/08	time 1300	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 7/26/08	time 1000	6. Received by Laboratory:

☐ 8880 Interchange Drive Houston, TX 77054 (713) 660-0901

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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 311634

08071603

page ____ of ____

Client Name: Tetra Tech
Address: 1703 W Industrial
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email: gwpope57@aol.com
Project Name/No.: East Hobbs Junction
Site Name:
Site Location:
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX-8021	TPH-GRO-8015	TPH-DRO-8015	CL-300
MW-20	7-23-08	1503		X	W			1	3 2			X	
↓	↓	↓			↓			NA	3 1				X
MW-17	7-23-08	1532						1	3	X			
↓	↓	↓						1	3		X		
↓	↓	↓						1	2			X	
↓	↓	↓						NA	1				X
MW-25	7-24-08	07:51							3	X			
↓	↓	↓							3		X		
↓	↓	↓							2			X	
↓	↓	↓			↓			NA	1				X

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 3.0°C

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☒
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time	
1. Relinquished by Sampler:	7/25/08	1300	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 7/26/08	time 10:00	6. Received by Laboratory:

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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 311638

08071603

page ____ of ____

Client Name: Tetra Tech
Address: 1703 W Industrial
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email: gwpope57@aol.com
Project Name/No.: East Hobbs Junction
Site Name:
Site Location:
Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: BTEX - 8021	TPH - GRO - 8015	TPH - DRO - 8015	CL - 300						
MW-14	7-24-08	1502		X	W			1	3	X									
	↓	↓		↓	↓			1	3		X								
								1	2			X							
								NA	1				X						
MW-18	7-24-08	1530						~~1~~ HCl	3	X									
								1	3		X								
								1	2			X							
								NA	1				X						
MW-12	7-25-08	0815						1	3						(ph=6)				
↓	↓	↓		↓	↓			1	3						(ph=6)				

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 3.0°C

Requested TAT

Contract ☐ 72hr ☐ 24hr ☐ Standard ☐ 48hr ☐ Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time		
1. Relinquished by Sampler:	7/25/08	1300	2. Received by:	
3. Relinquished by:	date	time	4. Received by:	
5. Relinquished by:	7/26/08	10:00	6. Received by Laboratory: B. Blann	

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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 311637

08071603 page ____ of ____

Client Name: Tetra Tech
Address: 1703 W Industrial Av
Phone/Fax: 432-686-8081
Client Contact: Greg Pope Email: gwpope@aol.com
Project Name/No.: East Hobbs Junction
Site Name:
Site Location:
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX-8021	TPH-GRO-8015	TPH-DRO-8015	CL-300
MW-27	7-24-08	11:00		X	W			1	2			X	
↓	↓	↓						NA	1				X
MW-13	7-24-08	1400						1	3	X			
								1	3		X		
								1	2			X	
								NA	1				X
MW-19	7-24-08	14:25						1	3	X			
								1	3		X		
								1	2			X	
				↓	↓			NA	1				X

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 3.0°C

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☒
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): BA

	date	time		
1. Relinquished by Sampler:	7/25/08	1300	2. Received by:	
3. Relinquished by:	date	time	4. Received by:	
5. Relinquished by:	7/26/08	1010	6. Received by Laboratory:	

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Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 311635

08071603

page ____ of ____

Client Name: Tetra Tech

Address: 1703 W Industrial Av

Phone/Fax: 432-686-8081

Client Contact: Greg Pope Email: gwpope570@aol.com

Project Name/No.: East Hobbs Junction

Site Name:

Site Location:

Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX-8021	TPH-GRO-8015	TPH-DRO-8015	CL-300
MW-5	7-24-08	1029		X	W			1	3	X			
↓	↓	↓						1	3		X		
								1	2			X	
								NA	1				X
MW-26	7-24-08	1048						1	3	X			
↓	↓	↓						1	3		X		
								1	2			X	
								NA	1				X
MW-27	7-24-08	1100						1	3	X			
↓	↓	↓		↓	↓			1	3		X		

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N

Ice? ☑ Y ☐ N

Temp: 3.0°C

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☒

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): AA

	date	time	
1. Relinquished by Sampler:	7/25/08	1500	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 7/26/08	time 1000	6. Received by Laboratory: B. Blair

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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 311636

080716.03

page ___ of ___

Client Name: Tetra Tech

Address: 1703 W Industrial Av.

Phone/Fax: 432-686-8081

Client Contact: Greg Pope Email: gwpope57@aol.com

Project Name/No.: East Hobbs Junction

Site Name:

Site Location:

Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX-8021	TPH-GRO-8015	TPH-DRO-8015	CL-300
MW-4	7-24-08	0935		X	W			1	2			X	
↓	↓	↓		↓	↓			NA	1				X
MW-23	7-24-08	11:39						1	3	X			
								1	3		X		
								1	2			X	
								NA	1				X
MW-22	7-24-08	13:30						1	3	X			
								1	3		X		
								1	2			X	
								NA	1				X

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N

Ice? Y N

Temp: 3.0°C

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☒

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): AA

1. Relinquished by Sampler:	date 7/25/08	time 1300	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 7/26/08	time 10:00	6. Received by Laboratory: B Blann

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08101401

Report To:		Project Name:	COP East Hobbs Junction
Tetra Tech		Site:	Hobbs, NM
Greg Pope		Site Address:	
1910 N. Big Spring St			
Midland		PO Number:	4509519774
TX		State:	New Mexico
79705-		State Cert. No.:	
ph: (432) 682-4559	fax:	Date Reported:	11/3/2008

This Report Contains A Total Of 45 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

11/3/2008

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

08101401

Report To:		Project Name:	COP East Hobbs Junction
Tetra Tech		Site:	Hobbs, NM
Greg Pope		Site Address:	
1910 N. Big Spring St			
Midland		PO Number:	4509519774
TX		State:	New Mexico
79705-		State Cert. No.:	
ph: (432) 682-4559	fax:	Date Reported:	11/3/2008

Per the Conoco Phillips TSM Revision 0, a copy of the internal chain of custody is to be included in final data package. However, due to LIMS limitations, this cannot be provided at this time.

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not analyzed with Batch ID:84784 and 84785 for the Diesel Range Organics analysis by SW846 Method 8015B. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Erica Cardenas
Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08101401

Report To: Tetra Tech
Greg Pope
1910 N. Big Spring St

Midland
TX
79705-
ph: (432) 682-4559 fax: (432) 686-8085

Fax To:

Project Name: COP East Hobbs Junction
Site: Hobbs, NM
Site Address:

PO Number: 4509519774
State: New Mexico
State Cert. No.:
Date Reported: 11/3/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-21	08101401-01	Water	10/21/2008 12:53:00 PM	10/23/2008 10:00:00 AM	981,317982,317	☐
MW-16	08101401-02	Water	10/21/2008 1:05:00 PM	10/23/2008 10:00:00 AM	318059	☐
MW-20	08101401-03	Water	10/21/2008 1:16:00 PM	10/23/2008 10:00:00 AM	318059	☐
MW-17	08101401-04	Water	10/21/2008 1:25:00 PM	10/23/2008 10:00:00 AM	318059	☐
MW-25	08101401-05	Water	10/21/2008 1:50:00 PM	10/23/2008 10:00:00 AM	318060	☐
MW-24	08101401-06	Water	10/21/2008 2:01:00 PM	10/23/2008 10:00:00 AM	318060	☐
DUP-1	08101401-07	Water	10/21/2008	10/23/2008 10:00:00 AM	318060	☐
[illegible]5	08101401-08	Water	10/21/2008 2:12:00 PM	10/23/2008 10:00:00 AM	317981	☐
[illegible]4	08101401-09	Water	10/22/2008 8:15:00 AM	10/23/2008 10:00:00 AM	317981	☐
MW-5	08101401-10	Water	10/22/2008 8:28:00 AM	10/23/2008 10:00:00 AM	317981	☐
MW-26	08101401-11	Water	10/22/2008 8:45:00 AM	10/23/2008 10:00:00 AM	317982	☐
MW-27	08101401-12	Water	10/22/2008 9:02:00 AM	10/23/2008 10:00:00 AM	317982	☐
MW-23	08101401-13	Water	10/22/2008 9:15:00 AM	10/23/2008 10:00:00 AM	317982	☐
MW-22	08101401-14	Water	10/22/2008 9:24:00 AM	10/23/2008 10:00:00 AM	317982	☐
MW-13	08101401-15	Water	10/22/2008 9:35:00 AM	10/23/2008 10:00:00 AM	317986	☐
MW-19	08101401-16	Water	10/22/2008 9:43:00 AM	10/23/2008 10:00:00 AM	317986	☐
MW-14	08101401-17	Water	10/22/2008 9:57:00 AM	10/23/2008 10:00:00 AM	317986	☐
MW-18	08101401-18	Water	10/22/2008 10:07:00 AM	10/23/2008 10:00:00 AM	317987	☐
MW-12	08101401-19	Water	10/22/2008 10:19:00 AM	10/23/2008 10:00:00 AM	317987	☐
DUP-2	08101401-20	Water	10/22/2008	10/23/2008 10:00:00 AM	317987	☐
SVE-10	08101401-21	Water	10/22/2008 10:34:00 AM	10/23/2008 10:00:00 AM	317988	☐
MW-11	08101401-22	Water	10/22/2008 10:48:00 AM	10/23/2008 10:00:00 AM	317988	☐
MW-6	08101401-23	Water	10/22/2008 11:15:00 AM	10/23/2008 10:00:00 AM	317988	☐
MW-3	08101401-24	Water	10/22/2008 11:32:00 AM	10/23/2008 10:00:00 AM	317988	☐

Erica Cardenas

11/3/2008
Date

Erica Cardenas
Project Manager

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

08101401

Report To:	Tetra Tech Greg Pope 1910 N. Big Spring St Midland TX 79705- ph: (432) 682-4559 fax: (432) 686-8085	**Project Name:**	COP East Hobbs Junction
		Site:	Hobbs, NM
		Site Address:	
		PO Number:	4509519774
		State:	New Mexico
		State Cert. No.:	
Fax To:		**Date Reported:**	11/3/2008

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
TRIP BLANK	08101401-25	Water	10/22/2008	10/23/2008 10:00:00 AM	317989	☐

Erica Cardenas
Project Manager

11/3/2008
Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MW-21 **Collected:** 10/21/2008 12:53 **SPL Sample ID:** 08101401-01

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND		0.05	1	11/01/08 6:12	NW	4747332
Surr: n-Pentacosane	91.2		% 20-150	1	11/01/08 6:12	NW	4747332

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	855		50	100	10/27/08 19:50	TW	4738399
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	10/29/08 13:43	YN	4744506
Toluene	ND		1	1	10/29/08 13:43	YN	4744506
Ethylbenzene	ND		1	1	10/29/08 13:43	YN	4744506
m,p-Xylene	ND		1	1	10/29/08 13:43	YN	4744506
o-Xylene	ND		1	1	10/29/08 13:43	YN	4744506
Xylenes,Total	ND		1	1	10/29/08 13:43	YN	4744506
Surr: 1,4-Difluorobenzene	95.8		% 39-163	1	10/29/08 13:43	YN	4744506
Surr: 4-Bromofluorobenzene	97.7		% 57-157	1	10/29/08 13:43	YN	4744506

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MW-16 **Collected:** 10/21/2008 13:05 **SPL Sample ID:** 08101401-02

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND			0.05	1	11/01/08 6:42	NW	4747333
Surr: n-Pentacosane	91.0		%	20-150	1	11/01/08 6:42	NW	4747333

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	142			10	20	10/27/08 20:07	TW	4738400
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	10/29/08 14:15	YN	4744507
Toluene	ND			1	1	10/29/08 14:15	YN	4744507
Ethylbenzene	ND			1	1	10/29/08 14:15	YN	4744507
m,p-Xylene	ND			1	1	10/29/08 14:15	YN	4744507
o-Xylene	ND			1	1	10/29/08 14:15	YN	4744507
Xylenes,Total	ND			1	1	10/29/08 14:15	YN	4744507
Surr: 1,4-Difluorobenzene	91.3		%	39-163	1	10/29/08 14:15	YN	4744507
Surr: 4-Bromofluorobenzene	98.2		%	57-157	1	10/29/08 14:15	YN	4744507

Qualifiers:

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MW-20 **Collected:** 10/21/2008 13:16 **SPL Sample ID:** 08101401-03

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	ND			0.05	1	11/01/08 7:13	NW	4747334
Surr: n-Pentacosane	87.0		%	20-150	1	11/01/08 7:13	NW	4747334

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	103			5	10	10/27/08 20:56	TW	4738403
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	10/29/08 14:47	YN	4744508
Toluene	ND			1	1	10/29/08 14:47	YN	4744508
Ethylbenzene	ND			1	1	10/29/08 14:47	YN	4744508
m,p-Xylene	ND			1	1	10/29/08 14:47	YN	4744508
o-Xylene	ND			1	1	10/29/08 14:47	YN	4744508
Xylenes,Total	ND			1	1	10/29/08 14:47	YN	4744508
Surr: 1,4-Difluorobenzene	95.5		%	39-163	1	10/29/08 14:47	YN	4744508
Surr: 4-Bromofluorobenzene	99.9		%	57-157	1	10/29/08 14:47	YN	4744508

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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Client Sample ID MW-17 **Collected:** 10/21/2008 13:25 **SPL Sample ID:** 08101401-04

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.21		0.05		1	11/01/08 7:44	NW	4747335
Surr: n-Pentacosane	89.0		% 20-150		1	11/01/08 7:44	NW	4747335

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	188		25		50	10/27/08 21:46	TW	4738406
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1		1	10/29/08 15:19	YN	4744509
Toluene	ND		1		1	10/29/08 15:19	YN	4744509
Ethylbenzene	ND		1		1	10/29/08 15:19	YN	4744509
m,p-Xylene	ND		1		1	10/29/08 15:19	YN	4744509
o-Xylene	ND		1		1	10/29/08 15:19	YN	4744509
Xylenes,Total	ND		1		1	10/29/08 15:19	YN	4744509
Surr: 1,4-Difluorobenzene	92.7		% 39-163		1	10/29/08 15:19	YN	4744509
Surr: 4-Bromofluorobenzene	97.8		% 57-157		1	10/29/08 15:19	YN	4744509

Qualifiers:

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TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID MW-25 **Collected:** 10/21/2008 13:50 **SPL Sample ID:** 08101401-05

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.14			0.05	1	11/01/08 8:14	NW	4747336
Surr: n-Pentacosane	81.6		%	20-150	1	11/01/08 8:14	NW	4747336

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	149			10	20	10/27/08 22:02	TW	4738407
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	10/29/08 15:50	YN	4744510
Toluene	ND			1	1	10/29/08 15:50	YN	4744510
Ethylbenzene	ND			1	1	10/29/08 15:50	YN	4744510
m,p-Xylene	ND			1	1	10/29/08 15:50	YN	4744510
o-Xylene	ND			1	1	10/29/08 15:50	YN	4744510
Xylenes,Total	ND			1	1	10/29/08 15:50	YN	4744510
Surr: 1,4-Difluorobenzene	93.5		%	39-163	1	10/29/08 15:50	YN	4744510
Surr: 4-Bromofluorobenzene	98.9		%	57-157	1	10/29/08 15:50	YN	4744510

Qualifiers:

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J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Client Sample ID MW-24 **Collected:** 10/21/2008 14:01 **SPL Sample ID:** 08101401-06

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.26			0.05	1	11/01/08 8:45	NW	4747337
Surr: n-Pentacosane	89.6		%	20-150	1	11/01/08 8:45	NW	4747337

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	189			25	50	10/27/08 22:18	TW	4738408
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	10/29/08 16:22	YN	4744511
Toluene	1.2			1	1	10/29/08 16:22	YN	4744511
Ethylbenzene	1.8			1	1	10/29/08 16:22	YN	4744511
m,p-Xylene	ND			1	1	10/29/08 16:22	YN	4744511
o-Xylene	ND			1	1	10/29/08 16:22	YN	4744511
Xylenes,Total	ND			1	1	10/29/08 16:22	YN	4744511
Surr: 1,4-Difluorobenzene	95.5		%	39-163	1	10/29/08 16:22	YN	4744511
Surr: 4-Bromofluorobenzene	97.2		%	57-157	1	10/29/08 16:22	YN	4744511

Qualifiers:

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B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID DUP-1 **Collected:** 10/21/2008 0:00 **SPL Sample ID:** 08101401-07

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.34			0.05	1	11/01/08 9:15	NW	4747338
Surr: n-Pentacosane	88.6		%	20-150	1	11/01/08 9:15	NW	4747338

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	200			25	50	10/27/08 23:08	TW	4738411
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	4.4			1	1	10/29/08 16:54	YN	4744512
Toluene	13			1	1	10/29/08 16:54	YN	4744512
Ethylbenzene	38			1	1	10/29/08 16:54	YN	4744512
m,p-Xylene	8			1	1	10/29/08 16:54	YN	4744512
o-Xylene	1.9			1	1	10/29/08 16:54	YN	4744512
Xylenes,Total	9.9			1	1	10/29/08 16:54	YN	4744512
Surr: 1,4-Difluorobenzene	96.6		%	39-163	1	10/29/08 16:54	YN	4744512
Surr: 4-Bromofluorobenzene	98.9		%	57-157	1	10/29/08 16:54	YN	4744512

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-15 **Collected:** 10/21/2008 14:12 **SPL Sample ID:** 08101401-08

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	2.6			0.05	1	11/01/08 3:39	NW	4747344
Surr: n-Pentacosane	107		%	20-150	1	11/01/08 3:39	NW	4747344

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	200			25	50	10/27/08 23:24	TW	4738412
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	10/29/08 17:26	YN	4744513
Toluene	1.5			1	1	10/29/08 17:26	YN	4744513
Ethylbenzene	ND			1	1	10/29/08 17:26	YN	4744513
m,p-Xylene	1.2			1	1	10/29/08 17:26	YN	4744513
o-Xylene	2.4			1	1	10/29/08 17:26	YN	4744513
Xylenes,Total	3.6			1	1	10/29/08 17:26	YN	4744513
Surr: 1,4-Difluorobenzene	96.5		%	39-163	1	10/29/08 17:26	YN	4744513
Surr: 4-Bromofluorobenzene	101		%	57-157	1	10/29/08 17:26	YN	4744513

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-4 **Collected:** 10/22/2008 8:15 **SPL Sample ID:** 08101401-09

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	ND			0.05	1	11/01/08 4:09	NW	4747345
Surr: n-Pentacosane	80.6		%	20-150	1	11/01/08 4:09	NW	4747345

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	32.9			5	10	10/28/08 12:11	TW	4742994
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	10/29/08 19:01	YN	4744516
Toluene	ND			1	1	10/29/08 19:01	YN	4744516
Ethylbenzene	ND			1	1	10/29/08 19:01	YN	4744516
m,p-Xylene	ND			1	1	10/29/08 19:01	YN	4744516
o-Xylene	ND			1	1	10/29/08 19:01	YN	4744516
Xylenes,Total	ND			1	1	10/29/08 19:01	YN	4744516
Surr: 1,4-Difluorobenzene	95.0		%	39-163	1	10/29/08 19:01	YN	4744516
Surr: 4-Bromofluorobenzene	101		%	57-157	1	10/29/08 19:01	YN	4744516

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-5 **Collected:** 10/22/2008 8:28 **SPL Sample ID:** 08101401-10

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				MCL	SW8015B	Units: mg/L		
Diesel Range Organics	2.4			0.05	1	11/01/08 4:40	NW	4747346
Surr: n-Pentacosane	101		%	20-150	1	11/01/08 4:40	NW	4747346

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY				MCL	E300.0	Units: mg/L		
Chloride	19.5			1	2	10/27/08 23:57	TW	4738413
PURGEABLE AROMATICS				MCL	SW8021B	Units: ug/L		
Benzene	ND			1	1	10/29/08 19:33	YN	4744517
Toluene	ND			1	1	10/29/08 19:33	YN	4744517
Ethylbenzene	ND			1	1	10/29/08 19:33	YN	4744517
m,p-Xylene	ND			1	1	10/29/08 19:33	YN	4744517
o-Xylene	ND			1	1	10/29/08 19:33	YN	4744517
Xylenes,Total	ND			1	1	10/29/08 19:33	YN	4744517
Surr: 1,4-Difluorobenzene	90.1		%	39-163	1	10/29/08 19:33	YN	4744517
Surr: 4-Bromofluorobenzene	98.4		%	57-157	1	10/29/08 19:33	YN	4744517

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-26 **Collected:** 10/22/2008 8:45 **SPL Sample ID:** 08101401-11

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.053			0.05	1	11/01/08 5:11	NW	4747347
Surr: n-Pentacosane	79.2		%	20-150	1	11/01/08 5:11	NW	4747347

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	83.1			5	10	10/28/08 0:14	TW	4738414
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	10/29/08 21:09	YN	4744520
Toluene	ND			1	1	10/29/08 21:09	YN	4744520
Ethylbenzene	ND			1	1	10/29/08 21:09	YN	4744520
m,p-Xylene	ND			1	1	10/29/08 21:09	YN	4744520
o-Xylene	ND			1	1	10/29/08 21:09	YN	4744520
Xylenes,Total	ND			1	1	10/29/08 21:09	YN	4744520
Surr: 1,4-Difluorobenzene	95.8		%	39-163	1	10/29/08 21:09	YN	4744520
Surr: 4-Bromofluorobenzene	99.4		%	57-157	1	10/29/08 21:09	YN	4744520

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-27 **Collected:** 10/22/2008 9:02 **SPL Sample ID:** 08101401-12

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.07		0.05	1	11/01/08 5:41	NW	4747349
Surr: n-Pentacosane	93.4		% 20-150	1	11/01/08 5:41	NW	4747349

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	107		5	10	10/28/08 0:30	TW	4738415
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	13		1	1	10/29/08 21:41	YN	4744521
Toluene	1.1		1	1	10/29/08 21:41	YN	4744521
Ethylbenzene	ND		1	1	10/29/08 21:41	YN	4744521
m,p-Xylene	ND		1	1	10/29/08 21:41	YN	4744521
o-Xylene	ND		1	1	10/29/08 21:41	YN	4744521
Xylenes,Total	ND		1	1	10/29/08 21:41	YN	4744521
Surr: 1,4-Difluorobenzene	92.3		% 39-163	1	10/29/08 21:41	YN	4744521
Surr: 4-Bromofluorobenzene	99.8		% 57-157	1	10/29/08 21:41	YN	4744521

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-23 **Collected:** 10/22/2008 9:15 **SPL Sample ID:** 08101401-13

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND		0.05	1	11/01/08 6:12	NW	4747351
Surr: n-Pentacosane	86.0		% 20-150	1	11/01/08 6:12	NW	4747351

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	52.2		5	10	10/28/08 1:19	TW	4738418
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	10/29/08 22:13	YN	4744522
Toluene	ND		1	1	10/29/08 22:13	YN	4744522
Ethylbenzene	ND		1	1	10/29/08 22:13	YN	4744522
m,p-Xylene	ND		1	1	10/29/08 22:13	YN	4744522
o-Xylene	ND		1	1	10/29/08 22:13	YN	4744522
Xylenes,Total	ND		1	1	10/29/08 22:13	YN	4744522
Surr: 1,4-Difluorobenzene	95.4		% 39-163	1	10/29/08 22:13	YN	4744522
Surr: 4-Bromofluorobenzene	100		% 57-157	1	10/29/08 22:13	YN	4744522

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-22 **Collected:** 10/22/2008 9:24 **SPL Sample ID:** 08101401-14

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	ND			0.05	1	11/01/08 6:42	NW	4747353
Surr: n-Pentacosane	86.4		%	20-150	1	11/01/08 6:42	NW	4747353

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	64.2			5	10	10/28/08 2:42	TW	4738423
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	10/29/08 22:44	YN	4744523
Toluene	ND			1	1	10/29/08 22:44	YN	4744523
Ethylbenzene	ND			1	1	10/29/08 22:44	YN	4744523
m,p-Xylene	ND			1	1	10/29/08 22:44	YN	4744523
o-Xylene	ND			1	1	10/29/08 22:44	YN	4744523
Xylenes,Total	ND			1	1	10/29/08 22:44	YN	4744523
Surr: 1,4-Difluorobenzene	90.5		%	39-163	1	10/29/08 22:44	YN	4744523
Surr: 4-Bromofluorobenzene	98.7		%	57-157	1	10/29/08 22:44	YN	4744523

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-13 **Collected:** 10/22/2008 9:35 **SPL Sample ID:** 08101401-15

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND		0.05	1	11/01/08 7:13	NW	4747355
Surr: n-Pentacosane	75.0		% 20-150	1	11/01/08 7:13	NW	4747355

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	59.9		5	10	10/28/08 2:58	TW	4738424
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	10/29/08 23:16	YN	4744524
Toluene	ND		1	1	10/29/08 23:16	YN	4744524
Ethylbenzene	ND		1	1	10/29/08 23:16	YN	4744524
m,p-Xylene	ND		1	1	10/29/08 23:16	YN	4744524
o-Xylene	ND		1	1	10/29/08 23:16	YN	4744524
Xylenes,Total	ND		1	1	10/29/08 23:16	YN	4744524
Surr: 1,4-Difluorobenzene	94.0		% 39-163	1	10/29/08 23:16	YN	4744524
Surr: 4-Bromofluorobenzene	102		% 57-157	1	10/29/08 23:16	YN	4744524

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-19 **Collected:** 10/22/2008 9:43 **SPL Sample ID:** 08101401-16

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND			0.05	1	11/01/08 7:44	NW	4747357
Surr: n-Pentacosane	72.8		%	20-150	1	11/01/08 7:44	NW	4747357

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	101			5	10	10/28/08 3:15	TW	4738425
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	10/29/08 23:48	YN	4744525
Toluene	ND			1	1	10/29/08 23:48	YN	4744525
Ethylbenzene	ND			1	1	10/29/08 23:48	YN	4744525
m,p-Xylene	ND			1	1	10/29/08 23:48	YN	4744525
o-Xylene	ND			1	1	10/29/08 23:48	YN	4744525
Xylenes,Total	ND			1	1	10/29/08 23:48	YN	4744525
Surr: 1,4-Difluorobenzene	96.6		%	39-163	1	10/29/08 23:48	YN	4744525
Surr: 4-Bromofluorobenzene	100		%	57-157	1	10/29/08 23:48	YN	4744525

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-14 **Collected:** 10/22/2008 9:57 **SPL Sample ID:** 08101401-17

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.1			0.05	1	11/01/08 8:14	NW	4747359
Surr: n-Pentacosane	83.2		%	20-150	1	11/01/08 8:14	NW	4747359

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	131			25	50	10/28/08 3:31	TW	4738426
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	10/30/08 1:23	YN	4744528
Toluene	ND			1	1	10/30/08 1:23	YN	4744528
Ethylbenzene	ND			1	1	10/30/08 1:23	YN	4744528
m,p-Xylene	ND			1	1	10/30/08 1:23	YN	4744528
o-Xylene	ND			1	1	10/30/08 1:23	YN	4744528
Xylenes,Total	ND			1	1	10/30/08 1:23	YN	4744528
Surr: 1,4-Difluorobenzene	96.5		%	39-163	1	10/30/08 1:23	YN	4744528
Surr: 4-Bromofluorobenzene	102		%	57-157	1	10/30/08 1:23	YN	4744528

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-18 **Collected:** 10/22/2008 10:07 **SPL Sample ID:** 08101401-18

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.25			0.05	1	11/01/08 10:46	NW	4747340
Surr: n-Pentacosane	82.0		%	20-150	1	11/01/08 10:46	NW	4747340

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	148			25	50	10/28/08 3:48	TW	4738427
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	5200			50	50	11/01/08 17:28	AR	4747148
Toluene	1.8			1	1	10/30/08 1:55	YN	4744529
Ethylbenzene	140			1	1	10/30/08 1:55	YN	4744529
m,p-Xylene	84			1	1	10/30/08 1:55	YN	4744529
o-Xylene	24			1	1	10/30/08 1:55	YN	4744529
Xylenes,Total	108			1	1	10/30/08 1:55	YN	4744529
Surr: 1,4-Difluorobenzene	95.7		%	39-163	50	11/01/08 17:28	AR	4747148
Surr: 1,4-Difluorobenzene	118		%	39-163	1	10/30/08 1:55	YN	4744529
Surr: 4-Bromofluorobenzene	96.3		%	57-157	50	11/01/08 17:28	AR	4747148
Surr: 4-Bromofluorobenzene	108		%	57-157	1	10/30/08 1:55	YN	4744529

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-12 **Collected:** 10/22/2008 10:19 **SPL Sample ID:** 08101401-19

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.52		0.05	1	11/01/08 11:16	NW	4747341
Surr: n-Pentacosane	84.4		% 20-150	1	11/01/08 11:16	NW	4747341

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	138		25	50	10/28/08 4:04	TW	4738428
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	5000		25	25	11/01/08 17:59	AR	4747149
Toluene	6.5		1	1	10/30/08 2:27	YN	4744530
Ethylbenzene	350		1	1	10/30/08 2:27	YN	4744530
m,p-Xylene	290		1	1	10/30/08 2:27	YN	4744530
o-Xylene	10		1	1	10/30/08 2:27	YN	4744530
Xylenes,Total	300		1	1	10/30/08 2:27	YN	4744530
Surr: 1,4-Difluorobenzene	98.7		% 39-163	25	11/01/08 17:59	AR	4747149
Surr: 1,4-Difluorobenzene	125		% 39-163	1	10/30/08 2:27	YN	4744530
Surr: 4-Bromofluorobenzene	98.8		% 57-157	25	11/01/08 17:59	AR	4747149
Surr: 4-Bromofluorobenzene	105		% 57-157	1	10/30/08 2:27	YN	4744530

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID DUP-2 **Collected:** 10/22/2008 0:00 **SPL Sample ID:** 08101401-20

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.41		0.05	1	11/01/08 9:46	NW	4747363
Surr: n-Pentacosane	84.2		% 20-150	1	11/01/08 9:46	NW	4747363

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:45	N_M	1.00

ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	134		25	50	10/28/08 4:20	TW	4738429
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	4600		50	50	11/01/08 18:31	AR	4747524
Toluene	7.1		1	1	10/30/08 2:59	YN	4744531
Ethylbenzene	340		1	1	10/30/08 2:59	YN	4744531
m,p-Xylene	270		1	1	10/30/08 2:59	YN	4744531
o-Xylene	17		1	1	10/30/08 2:59	YN	4744531
Xylenes,Total	287		1	1	10/30/08 2:59	YN	4744531
Surr: 1,4-Difluorobenzene	94.3		% 39-163	50	11/01/08 18:31	AR	4747524
Surr: 1,4-Difluorobenzene	132		% 39-163	1	10/30/08 2:59	YN	4744531
Surr: 4-Bromofluorobenzene	94.0		% 57-157	50	11/01/08 18:31	AR	4747524
Surr: 4-Bromofluorobenzene	101		% 57-157	1	10/30/08 2:59	YN	4744531

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID SVE-10 **Collected:** 10/22/2008 10:34 **SPL Sample ID:** 08101401-21

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.2		0.05	1	11/01/08 2:37	NW	4745948
Surr: n-Pentacosane	98.2		% 20-150	1	11/01/08 2:37	NW	4745948

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:44	N_M	1.00

ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	173		25	50	10/28/08 4:37	TW	4738430
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND		1	1	10/31/08 16:49	CLJ	4747098
Toluene	ND		1	1	10/31/08 16:49	CLJ	4747098
Ethylbenzene	ND		1	1	10/31/08 16:49	CLJ	4747098
m,p-Xylene	ND		1	1	10/31/08 16:49	CLJ	4747098
o-Xylene	ND		1	1	10/31/08 16:49	CLJ	4747098
Xylenes,Total	ND		1	1	10/31/08 16:49	CLJ	4747098
Surr: 1,4-Difluorobenzene	95.8		% 39-163	1	10/31/08 16:49	CLJ	4747098
Surr: 4-Bromofluorobenzene	101		% 57-157	1	10/31/08 16:49	CLJ	4747098

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-11 **Collected:** 10/22/2008 10:48 **SPL Sample ID:** 08101401-22

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	6.1			0.25	5	11/01/08 11:49	NW	4745952
Surr: n-Pentacosane	130		%	20-150	5	11/01/08 11:49	NW	4745952

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:44	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	185			25	50	10/28/08 5:59	TW	4738435
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	8600			25	25	11/01/08 21:42	AR	4747156
Toluene	460			25	25	10/31/08 19:59	AR	4747042
Ethylbenzene	1000			25	25	10/31/08 19:59	AR	4747042
m,p-Xylene	2000			25	25	10/31/08 19:59	AR	4747042
o-Xylene	700			25	25	10/31/08 19:59	AR	4747042
Xylenes,Total	2700			25	25	10/31/08 19:59	AR	4747042
Surr: 1,4-Difluorobenzene	106		%	39-163	25	11/01/08 21:42	AR	4747156
Surr: 1,4-Difluorobenzene	105		%	39-163	25	10/31/08 19:59	AR	4747042
Surr: 4-Bromofluorobenzene	98.8		%	57-157	25	11/01/08 21:42	AR	4747156
Surr: 4-Bromofluorobenzene	104		%	57-157	25	10/31/08 19:59	AR	4747042

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-6 **Collected:** 10/22/2008 11:15 **SPL Sample ID:** 08101401-23

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.56			0.05	1	11/01/08 3:08	NW	4745949
Surr: n-Pentacosane	92.2		%	20-150	1	11/01/08 3:08	NW	4745949

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:44	N_M	1.00

ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	97.9			25	50	10/28/08 6:49	TW	4738438
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	550			10	10	11/01/08 22:14	AR	4747157
Toluene	300			1	1	10/31/08 20:31	AR	4747043
Ethylbenzene	240			1	1	10/31/08 20:31	AR	4747043
m,p-Xylene	170			1	1	10/31/08 20:31	AR	4747043
o-Xylene	91			1	1	10/31/08 20:31	AR	4747043
Xylenes,Total	261			1	1	10/31/08 20:31	AR	4747043
Surr: 1,4-Difluorobenzene	97.9		%	39-163	10	11/01/08 22:14	AR	4747157
Surr: 1,4-Difluorobenzene	101		%	39-163	1	10/31/08 20:31	AR	4747043
Surr: 4-Bromofluorobenzene	98.5		%	57-157	10	11/01/08 22:14	AR	4747157
Surr: 4-Bromofluorobenzene	100		%	57-157	1	10/31/08 20:31	AR	4747043

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID MW-3 **Collected:** 10/22/2008 11:32 **SPL Sample ID:** 08101401-24

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	2.3		0.05	1	11/01/08 12:19	NW	4745973
Surr: n-Pentacosane	81.0		% 20-150	1	11/01/08 12:19	NW	4745973

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	10/25/2008 9:44	N_M	1.00

ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	32.9		5	10	10/28/08 7:05	TW	4738439
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	15000		50	50	11/01/08 22:46	AR	4747158
Toluene	270		25	25	10/31/08 21:03	AR	4747044
Ethylbenzene	490		25	25	10/31/08 21:03	AR	4747044
m,p-Xylene	760		25	25	10/31/08 21:03	AR	4747044
o-Xylene	340		25	25	10/31/08 21:03	AR	4747044
Xylenes,Total	1100		25	25	10/31/08 21:03	AR	4747044
Surr: 1,4-Difluorobenzene	101		% 39-163	50	11/01/08 22:46	AR	4747158
Surr: 1,4-Difluorobenzene	101		% 39-163	25	10/31/08 21:03	AR	4747044
Surr: 4-Bromofluorobenzene	99.0		% 57-157	50	11/01/08 22:46	AR	4747158
Surr: 4-Bromofluorobenzene	101		% 57-157	25	10/31/08 21:03	AR	4747044

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID TRIP BLANK **Collected:** 10/22/2008 0:00 **SPL Sample ID:** 08101401-25

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	10/31/08 19:28	AR	4747041
Toluene	ND		1	1	10/31/08 19:28	AR	4747041
Ethylbenzene	ND		1	1	10/31/08 19:28	AR	4747041
m,p-Xylene	ND		1	1	10/31/08 19:28	AR	4747041
o-Xylene	ND		1	1	10/31/08 19:28	AR	4747041
Xylenes,Total	ND		1	1	10/31/08 19:28	AR	4747041
Surr: 1,4-Difluorobenzene	92.1		% 39-163	1	10/31/08 19:28	AR	4747041
Surr: 4-Bromofluorobenzene	99.8		% 57-157	1	10/31/08 19:28	AR	4747041

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Diesel Range Organics
Method: SW8015B
WorkOrder: 08101401
Lab Batch ID: 84784

Method Blank

RunID: HP_Z_081031B-4745941 Units: mg/L
Analysis Date: 10/31/2008 22:30 Analyst: NW
Preparation Date: 10/25/2008 9:44 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics	ND	0.050
Surr: n-Pentacosane	127.8	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-21B	SVE-10
08101401-22B	MW-11
08101401-23B	MW-6
08101401-24B	MW-3

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_Z_081031B-4745942 Units: mg/L
Analysis Date: 10/31/2008 23:01 Analyst: NW
Preparation Date: 10/25/2008 9:44 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics	2.00	1.26	63.2	2.00	1.69	84.7	29.1	43	21	175
Surr: n-Pentacosane	0.0500	0.0712	142	0.100	0.0856	85.6	18.4	43	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Diesel Range Organics
Method: SW8015B
WorkOrder: 08101401
Lab Batch ID: 84785

Method Blank

RunID: HP_Z_081101A-4747329 Units: mg/L
Analysis Date: 11/01/2008 4:40 Analyst: NW
Preparation Date: 10/25/2008 9:45 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics	ND	0.050
Surr: n-Pentacosane	129.6	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-01B	MW-21
08101401-02B	MW-16
08101401-03B	MW-20
08101401-04B	MW-17
08101401-05B	MW-25
08101401-06B	MW-24
08101401-07B	DUP-1
08101401-08B	MW-15
08101401-09B	MW-4
08101401-10B	MW-5
08101401-11B	MW-26
08101401-12B	MW-27
08101401-13B	MW-23
08101401-14B	MW-22
08101401-15B	MW-13
08101401-16B	MW-19
08101401-17B	MW-14
08101401-18B	MW-18
08101401-19B	MW-12
08101401-20B	DUP-2

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_Z_081101A-4747330 Units: mg/L
Analysis Date: 11/01/2008 5:11 Analyst: NW
Preparation Date: 10/25/2008 9:45 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics	1.00	1.32	132	1.00	1.32	132	0.0	43	21	175
Surr: n-Pentacosane	0.0500	0.0691	138	0.0500	0.0675	135	2.3	43	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08101401
Lab Batch ID: R255549

Method Blank

RunID: VARD_081029A-4744505 Units: ug/L
Analysis Date: 10/29/2008 12:01 Analyst: YN
Preparation Date: 10/29/2008 12:01 Prep By: Method

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	93.0	39-163
Surr: 4-Bromofluorobenzene	99.1	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-01A	MW-21
08101401-02A	MW-16
08101401-03A	MW-20
08101401-04A	MW-17
08101401-05A	MW-25
08101401-06A	MW-24
08101401-07A	DUP-1
08101401-08A	MW-15
08101401-09A	MW-4
08101401-10A	MW-5
08101401-11A	MW-26
08101401-12A	MW-27
08101401-13A	MW-23
08101401-14A	MW-22
08101401-15A	MW-13
08101401-16A	MW-19
08101401-17A	MW-14
08101401-18A	MW-18
08101401-19A	MW-12
08101401-20A	DUP-2

Laboratory Control Sample (LCS)

RunID: VARD_081029A-4744504 Units: ug/L
Analysis Date: 10/29/2008 11:29 Analyst: YN
Preparation Date: 10/29/2008 11:29 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	22.7	114	70	130
Ethylbenzene	20.0	21.6	108	66	132
Toluene	20.0	21.9	110	69	133
m,p-Xylene	40.0	43.2	108	67	136
o-Xylene	20.0	20.4	102	67	133
Xylenes,Total	60.0	63.6	106	67	136
Surr: 1,4-Difluorobenzene	100	93	93.0	39	163
Surr: 4-Bromofluorobenzene	100	100	100	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics **WorkOrder:** 08101401
Method: SW8021B **Lab Batch ID:** R255549

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101401-10
RunID: VARD_081029A-4744518 Units: ug/L
Analysis Date: 10/29/2008 20:05 Analyst: YN

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	24.7	121	20	23.2	113	6.27	26	40	165
Ethylbenzene	ND	20	22.8	114	20	20.2	101	12.4	34	51	156
Toluene	ND	20	23.8	114	20	22.0	105	8.08	25	58	153
m,p-Xylene	ND	40	45.4	114	40	40.0	100	12.7	27	51	155
o-Xylene	ND	20	21.6	108	20	19.3	96.4	11.3	25	58	151
Xylenes,Total	ND	60	67.0	112	60	59.3	98.8	12.2	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	94	94.0	100	95.0	95.0	1.14	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	101	101	100	101	101	0.387	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08101401
Lab Batch ID: R255581

Method Blank

RunID: VARD_081030B-4744938 Units: ug/L
Analysis Date: 10/30/2008 18:07 Analyst: CLJ

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-21A	SVE-10

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Total BTEX	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	93.3	39-163
Surr: 4-Bromofluorobenzene	99.6	57-157

Laboratory Control Sample (LCS)

RunID: VARD_081030B-4744936 Units: ug/L
Analysis Date: 10/30/2008 17:03 Analyst: CLJ

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	22.7	113	70	130
Ethylbenzene	20.0	21.6	108	66	132
Toluene	20.0	21.8	109	69	133
m,p-Xylene	40.0	43.4	109	67	136
o-Xylene	20.0	20.6	103	67	133
Total BTEX	120.0	130.1	108.4	66	136
Xylenes,Total	60.0	64.0	107	67	136
Surr: 1,4-Difluorobenzene	100	93	93.0	39	163
Surr: 4-Bromofluorobenzene	100	101	101	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101343-02
RunID: VARD_081030B-4744942 Units: ug/L
Analysis Date: 10/30/2008 21:17 Analyst: CLJ

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08101401
Lab Batch ID: R255581

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	24.2	121	20	24.2	121	0.283	26	40	165
Ethylbenzene	ND	20	22.6	113	20	22.5	113	0.142	34	51	156
Toluene	ND	20	23.0	115	20	23.1	116	0.235	25	58	153
m,p-Xylene	ND	40	45.0	112	40	44.9	112	0.156	27	51	155
o-Xylene	ND	20	21.5	108	20	21.4	107	0.614	25	58	151
Total BTEX	ND	120	136.3	113.6	120	136.1	113.5	0.08149	34	34	165
Xylenes,Total	ND	60	66.5	111	60	66.3	110	0.304	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	97.2	97.2	100	93.0	93.0	4.39	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	101	101	100	100	100	0.793	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08101401
Lab Batch ID: R255719

Method Blank

RunID: VARD_081031A-4747040 Units: ug/L
Analysis Date: 10/31/2008 18:56 Analyst: AR
Preparation Date: 10/31/2008 18:56 Prep By: Method SW5030B

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	93.8	39-163
Surr: 4-Bromofluorobenzene	100.1	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-22A	MW-11
08101401-23A	MW-6
08101401-24A	MW-3
08101401-25A	TRIP BLANK

Laboratory Control Sample (LCS)

RunID: VARD_081031A-4747038 Units: ug/L
Analysis Date: 10/31/2008 17:52 Analyst: AR
Preparation Date: 10/31/2008 17:52 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	22.7	114	70	130
Ethylbenzene	20.0	21.5	108	66	132
Toluene	20.0	21.7	109	69	133
m,p-Xylene	40.0	43.3	108	67	136
o-Xylene	20.0	20.5	103	67	133
Xylenes,Total	60.0	63.8	106	67	136
Surr: 1,4-Difluorobenzene	100	93.1	93.1	39	163
Surr: 4-Bromofluorobenzene	100	102	102	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101401-23
RunID: VARD_081031A-4747045 Units: ug/L
Analysis Date: 10/31/2008 22:39 Analyst: AR

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08101401
Lab Batch ID: R255719

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	517	20	548	N/C	20	561	N/C	N/C	26	40	165
Ethylbenzene	237	20	253	N/C	20	257	N/C	N/C	34	51	156
Toluene	300	20	343	N/C	20	351	N/C	N/C	25	58	153
m,p-Xylene	171	40	219	N/C	40	222	N/C	N/C	27	51	155
o-Xylene	90.5	20	114	N/C	20	116	N/C	N/C	25	58	151
Xylenes,Total	262	60	333	N/C	60	338	N/C	N/C	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	97.4	97.4	100	102	102	4.43	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	101	101	100	102	102	0.943	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 08101401
Lab Batch ID: R255726

Method Blank

RunID: VARD_081101A-4747146 Units: ug/L
Analysis Date: 11/01/2008 16:24 Analyst: AR
Preparation Date: 11/01/2008 16:24 Prep By: Method SW5030B

Analyte	Result	Rep Limit
Benzene	ND	1.0
Surr: 1,4-Difluorobenzene	95.7	39-163
Surr: 4-Bromofluorobenzene	96.3	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-18A	MW-18
08101401-19A	MW-12
08101401-20A	DUP-2
08101401-22A	MW-11
08101401-23A	MW-6
08101401-24A	MW-3

Laboratory Control Sample (LCS)

RunID: VARD_081101A-4747144 Units: ug/L
Analysis Date: 11/01/2008 13:09 Analyst: AR
Preparation Date: 09/21/2007 13:56 Prep By: NMa Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	21.9	110	70	130
Surr: 1,4-Difluorobenzene	100	93.8	93.8	39	163
Surr: 4-Bromofluorobenzene	100	102	102	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101401-21
RunID: VARD_081101A-4747152 Units: ug/L
Analysis Date: 11/01/2008 19:35 Analyst: AR

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	25.5	128	20	27.4	137	7.06	26	40	165
Surr: 1,4-Difluorobenzene	ND	100	97.9	97.9	100	98.4	98.4	0.514	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	98.9	98.9	100	99.1	99.1	0.122	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0
WorkOrder: 08101401
Lab Batch ID: R255193

Method Blank

RunID: IC1_081027B-4738383 Units: mg/L
Analysis Date: 10/27/2008 15:27 Analyst: TW

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-01C	MW-21
08101401-02C	MW-16

Analyte	Result	Rep Limit
Chloride	ND	0.50

Laboratory Control Sample (LCS)

RunID: IC1_081027B-4738384 Units: mg/L
Analysis Date: 10/27/2008 15:44 Analyst: TW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.497	94.97	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101343-01
RunID: IC1_081027B-4738388 Units: mg/L
Analysis Date: 10/27/2008 16:49 Analyst: TW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	112.6	100	214.0	101.5	100	215.8	103.2	0.8286	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0
WorkOrder: 08101401
Lab Batch ID: R255193A

Method Blank

RunID: IC1_081027B-4738401 Units: mg/L
Analysis Date: 10/27/2008 20:23 Analyst: TW

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-03C	MW-20
08101401-04C	MW-17
08101401-05C	MW-25
08101401-06C	MW-24
08101401-07C	DUP-1
08101401-08C	MW-15
08101401-10C	MW-5
08101401-11C	MW-26
08101401-12C	MW-27

Laboratory Control Sample (LCS)

RunID: IC1_081027B-4738402 Units: mg/L
Analysis Date: 10/27/2008 20:40 Analyst: TW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	10.05	100.5	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101401-03
RunID: IC1_081027B-4738404 Units: mg/L
Analysis Date: 10/27/2008 21:13 Analyst: TW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	103.3	100	216.4	113.1	100	208.5	105.3	3.703	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography **WorkOrder:** 08101401
Method: E300.0 **Lab Batch ID:** R255193B

Method Blank

RunID: IC1_081027B-4738416 Units: mg/L
Analysis Date: 10/28/2008 0:47 Analyst: TW

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-13C	MW-23
08101401-14C	MW-22
08101401-15C	MW-13
08101401-16C	MW-19
08101401-17C	MW-14
08101401-18C	MW-18
08101401-19C	MW-12
08101401-20C	DUP-2
08101401-21C	SVE-10

Laboratory Control Sample (LCS)

RunID: IC1_081027B-4738417 Units: mg/L
Analysis Date: 10/28/2008 1:03 Analyst: TW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	10.04	100.4	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101401-13
RunID: IC1_081027B-4738419 Units: mg/L
Analysis Date: 10/28/2008 1:36 Analyst: TW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	52.22	100	153.3	101.0	100	153.8	101.6	0.3550	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

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HOUSTON, TX 77054
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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0

WorkOrder: 08101401
Lab Batch ID: R255193C

Method Blank

RunID: IC1_081027B-4738433 Units: mg/L
Analysis Date: 10/28/2008 5:26 Analyst: TW

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-22C	MW-11
08101401-23C	MW-6
08101401-24C	MW-3

Laboratory Control Sample (LCS)

RunID: IC1_081027B-4738434 Units: mg/L
Analysis Date: 10/28/2008 5:43 Analyst: TW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	10.10	101.0	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101401-22
RunID: IC1_081027B-4738436 Units: mg/L
Analysis Date: 10/28/2008 6:16 Analyst: TW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	184.6	500	649.4	92.96	500	632.2	89.53	2.683	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0

WorkOrder: 08101401
Lab Batch ID: R255465A

Method Blank

RunID: IC1_081028A-4742990 Units: mg/L
Analysis Date: 10/28/2008 11:05 Analyst: TW

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
08101401-09C	MW-4

Analyte	Result	Rep Limit
Chloride	ND	0.50

Laboratory Control Sample (LCS)

RunID: IC1_081028A-4742991 Units: mg/L
Analysis Date: 10/28/2008 11:21 Analyst: TW

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.857	98.57	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 08101401-09
RunID: IC1_081028A-4742995 Units: mg/L
Analysis Date: 10/28/2008 12:27 Analyst: TW

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	32.86	100	127.4	94.59	100	120.0	87.12	6.041	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	08101401	Received By:	L_C
Date and Time Received:	10/23/2008 10:00:00 AM	Carrier name:	Fedex-Standard Overnight
Temperature:	3.5°C	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4.	Chain of custody present?	Yes ☑	No ☐	
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐	
7.	Samples in proper container/bottle?	Yes ☑	No ☐	
8.	Sample containers intact?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐	
10.	All samples received within holding time?	Yes ☑	No ☐	
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
12.	Water - VOA vials have zero headspace?	Yes ☐	No ☐	VOA Vials Not Present ☑
13.	Water - Preservation checked upon receipt (except VOA*)?	Yes ☑	No ☐	Not Applicable ☐

*VOA Preservation Checked After Sample Analysis

SPL Representative: _____ Contact Date & Time: _____

Client Name Contacted: _____

Non Conformance Issues: _____

Client Instructions: _____

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 318059

68-10 1401

page 1 of

Client Name: TetraTech / conoco Phillips

Address: 3510 N Big Spring Midland TX

Phone/Fax: 432-682-4559 / 432-682-3946

Client Contact: Greg Pope Email: greg.pope@tetratech.com

Project Name/No.: EH5CT 8640019

Site Name:

Site Location: Hobbs, N.M

Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other

bottle: P=plastic A=amber glass G=glass V=vial X=other

size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other

pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

Number of Containers

Requested Analysis: BTEX 8021 | DRO 8015 | GRO 8015

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	# Containers	BTEX 8021	DRO 8015	GRO 8015
Mw-21	10/21/08	~~1253~~ 1253		X	W	G	40	1	3	✓		
Mw-21		1253				A	X	1	2		✓	
Mw-21		1253				P	1	X	1			✓
Mw-16		1305				G	40	1	3	✓		
Mw-16		1305				A	X	1	2		✓	
Mw-16		1305				P	1	X	1			✓
Mw-20		1316				G	40	1	3	✓		
Mw-20		1316				A	X	1	2		✓	
Mw-20		1316				P	1	X	1			✓
Mw-17	↓	1325		↓	↓	G	40	1	3	✓		

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N

Ice? Y N

Temp: 3.5°C

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☒

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler: Robert Munoz Jr	10/22/08	1240	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	10/23/08	10:01	6. Received by Laboratory:

☐ 10280 Interchange Drive Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 318060

68101401

page ____ of ____

Client Name: TetraTech / Conoco Phillips

Address: 3410 W Big Spring, Midland TX

Phone/Fax: 432-682-4559 / 432-682-3946

Client Contact: Greg Pope Email: gwpope57@aol.com

Project Name/No.: CHSCT 8640018

Site Name:

Site Location: Hobbs N.M

Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other

bottle: P=plastic A=amber glass G=glass V=vial X=other

size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other

pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

Requested Analysis: BTEX 8020 | DRO 8015 | E1-300.0

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	BTEX 8020	DRO 8015	E1-300.0
Mw-17	10/21/08	1325		X	W	A	X	1	2		✓	
Mw-17		1325				P	1	X	1			✓
Mw-25		1350				G	40	1	3	✓		
Mw-25		1350				A	X	1	2		✓	
Mw-25		1350				P	1	X	1			✓
Mw-24		1401				G	40	1	3	✓		
Mw-24		1401				A	X	1	2		✓	
Mw-24		1401				P	1	X	1			✓
Dup-1						G	40	1	3	✓		
Dup-1	↓			↓	↓	A	X	1	2		✓	

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N

Ice? ☑ Y ☐ N

Temp: 3.5-2

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☑

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial): AE

	date	time	
1. Relinquished by Sampler: Robert Hunt	10/22/08	1241	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 10/23/08	time 10:00	6. Received by ~~Laboratory~~:

☐ 9880 Interchange Drive
Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 317981

08161461 page ____ of ____

Client Name: Tetra Tech / Conoco Phillips
Address: 1910 N Big Spring Midland, Tx
Phone/Fax: 432-682-4559 / 432-682-3946
Client Contact: Lucy Pope Email: [illegible]
Project Name/No.: EHSCT 8640018
Site Name:
Site Location: Hobbs N.M
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX 8021	DRO 8015	CL-300.0
Dup-1	10-21-08			X	W	P	1	X	1			X
Mw-15		1412				G	40	1	3	✓		
Mw-15		1412				A	X	1	2		✓	✓
Mw-15		1412				P	1	X	1			✓
Mw-4	10-22-08	815		X	X	G	40	1	3	✓		
Mw-4		815				A	X	1	2		✓	
Mw-4		815				P	1	X	1			✓
Mw-5		~~828~~ 845				G	40	1	3	✓		
Mw-5		~~828~~ 845				A	X	1	2		✓	
Mw-5		~~828~~ 845				P	1	X	1			✓

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 3.5-2

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☑
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	10/22/08	1242	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	10/23/08	1000	6. Received by Laboratory:

☐ 12880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775
☐ 459 Hughes Dr. Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 317982

0810401

page ___ of ___

Client Name: TetraTech / Conoco / Phillips

Address: 1910 N Big Spring Midland TX

Phone/Fax: 432-682-4535 / 432-682-3946

Client Contact: Greg Pope Email: gregpope70@aol.com

Project Name/No.: ENSCT 8640049

Site Name:

Site Location: Hobbs, NM

Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other

bottle: P=plastic A=amber glass G=glass V=vial X=other

size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other

pres.: 1=HC1 2=HNO3 3=H2SO4 X=other

Requested Analysis: BTEX 8021 | DRO 8015 | CL-300.0

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	BTEX 8021	DRO 8015	CL-300.0
Mw-26	10-22-08	845 ~~902~~ PM		X	W	G	40	1	3	✓		
Mw-26		845 ~~902~~				A	X	1	2		✓	
Mw-26		845 ~~902~~				P	1	X	1			✓
Mw-27		902				G	40	1	3	✓		
Mw-27		902				A	X	1	2		✓	
Mw-27		902				P	1	X	1			✓
Mw-23		915				G	40	1	3	✓		
Mw-23		915				A	X	1	2		✓	
Mw-23		915				P	1	X	1			✓
Mw-22		924				G	40	1	3	✓		

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N

Ice? ☑ Y ☐ N

Temp: 3-5-2

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☑

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler: Robert Gallegos Jr	10/22/08	1243	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 10/23/08	time 10:06	6. Received by Laboratory:

☐ 12880 Interchange Drive Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 317986

08 10 1401 page ___ of ___

Client Name: Tetra Tech / ConocoPhillips
Address: 1910 N Big Spring Midland, Tx
Phone/Fax: 432-682-4559 / 432 682-3946
Client Contact: Greg Pope Email: gregpope57@aol.com
Project Name/No.: BTHSCT 844-0019
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX 8021	DRO 8015	Cl-300.0
Mw-22	10-22-08	924		X	W	A	X	1	2		/	
Mw-22		924				P	1	X	1			/
Mw-13		935				G	40	1	3	/		
Mw-13		935				A	X	1	2		/	
Mw-13		935				P	1	X	1			/
Mw-19		943				G	40	1	3	/		
Mw-19		943				A	X	1	2		/	
Mw-19		943				P	1	X	1			/
Mw-14		957				G	40	1	3	/		
Mw-14		957				A	X	1	2		/	

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 3.5 c

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☑
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	10/22/08	1244	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 10/23/08	time 10:06	6. Received by Laboratory:

☐ 880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775
☐ 459 Hughes Dr Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 317987

08101401 page ___ of ___

Client Name: TetraTech / Conoco Phillips
Address: 1910 N. Big Spring Midland, TX
Phone/Fax: 432-682-4559 / 432-682-3946
Client Contact: Greg Pope Email: gpope-57@valornet.com
Project Name/No.: CHSCT 2264 0605
Site Name:
Site Location: Hobbs NM
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX 8021	DRO 8015	Cl-300.0
Mw-14	10-22-08	957		/	w	B	1	X	1			/
Mw-18		1007				AG	40	1	3	/		
Mw-18		1007				P	X	1	2		/	
Mw-18		1007				GP	1	X	1			/
Mw-12		1019				AG	40	1	3	/		
Mw-12		1019				A	X	1	2		/	
Mw-12		1019				GP	1	X	1			/
Dup-2						AG	40	1	3	/		
Dup-2						A	X	1	2		/	
Dup-2	↓			↓	↓	P	1	X	1			/

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 3.5°C

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler: Robert Bailey Jr	10/22/08	1245	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 10/23/08	time 10:00	6. Received by Laboratory:

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☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 317988

0810401 page ____ of ____

Client Name: Tetra Tech / Conoco Phillips
Address: 1910 N Big Spring Midland, TX
Phone/Fax: 432-682-4559 / 432-682-3946
Client Contact: Greg Pope Email: gpope@tetratech.com
Project Name/No.: EHSCT 8640014
Site Name:
Site Location: Hobbs, NM
Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: BTEX 8021	DRO 8015	Cl - 300.0
SVE-10	10-22-08	1034		/	W	G	40	1	3	/		
SVE-10		1034				A	X	1	2		/	
SVE-10		1034				P	1	X	1			/
Mw-11		1048				G	40	1	3	/		
Mw-11		1048				A	X	1	2		/	
Mw-11		1048				P	1	X	1			/
Mw-6		1115				G	40	1	3	/		
Mw-6		1115				A	X	1	2		/	
Mw-6		1115				P	1	X	1			/
Mw-3	↓	1132		↓	↓	G	40	1	3	/		

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N
Ice? Y N
Temp: 3.5°C

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☑
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	10/22/08	1246	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	10/23/08	10:00	6. Received by Laboratory:

☐ 12880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775
☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 317989

08104401

page ____ of ____

Client Name: Tetra Tech / Conoco Phillips

Address: 1910 N Big Spring Midland Tx

Phone/Fax: 432-682-4559 / 432-682-3946

Client Contact: Greg Pope Email: gregpope57@aol.com

Project Name/No.: EHSCT 8640019

Site Name:

Site Location: Hobbs, NM

Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX 8021	DRO 8015	Cl-300.0
MW-3	10-22-08	1132		/	W	A	X	1	2		/	
MW-3	10-22-08	1132		/	W	P	1	X	1			/
Trip Blank												

Client/Consultant Remarks:

Laboratory remarks:

Intact? Y N

Ice? Y N

Temp: 3.5c

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☑

48hr ☐

Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	10/22/08		2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	10/23/08	10:00	6. Received by Laboratory:

☐ 10880 Interchange Drive Houston, TX 77054 (713) 660-0901

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☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

09010829

Report To:		Project Name:	COP East Hobbs Junction
Tetra Tech		Site:	Hobbs, NM
Greg Pope		Site Address:	
1910 N. Big Spring St			
Midland		PO Number:	4511063196
TX		State:	New Mexico
79705-		State Cert. No.:	
ph: (432) 682-4559	fax:	Date Reported:	2/5/2009

This Report Contains A Total Of 43 Pages

Excluding This Page, Chain Of Custody

And

Any Attachments

2/5/2009

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

09010829

Report To:		Project Name:	COP East Hobbs Junction
Tetra Tech		Site:	Hobbs, NM
Greg Pope		Site Address:	
1910 N. Big Spring St			
		PO Number:	4511063196
Midland		State:	New Mexico
TX		State Cert. No.:	
79705-		Date Reported:	2/5/2009
ph: (432) 682-4559	fax:		

This report was revised on February 5, 2009 to edit the site address.

Per the Conoco Phillips TSM Revision 0, a copy of the internal chain of custody is to be included in final data package. However, due to LIMS limitations, this cannot be provided at this time.

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Due to limited sample volume, a Matrix Spike (MS) or Matrix Spike Duplicate (MSD) was not extracted with Batch ID: 87290 and 87291 for the Diesel Range Organics analysis by Method 8015B. A Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) were extracted with the analytical batch and serve as the batch quality control (QC). The LCS and LCSD recovered acceptably and precision criteria were met.

Your sample ID "DUP#1" (SPL ID:09010829-21) was randomly selected for use in SPL's quality control program for the Gasoline Range Organics analysis by SW846 Method 8015B. The Matrix Spike (MS) and Matrix Spike Duplicate (MSD) recoveries were outside of the advisable quality control limits for Gasoline Range Organics (Batch ID:R263760) due to matrix interference. A Laboratory Control Sample (LCS) was analyzed as a quality control check for the analytical batch and all recoveries were within acceptable limits.

Your sample ID "MW-6" (SPL ID:09010829-20) was randomly selected for use in SPL's quality control program for the Purgeable Aromatics analysis by SW846 Method 8021B. The Matrix Spike (MS) recovery was outside of the advisable quality control limits for Toulene (Batch ID: R263773) due to matrix interference. A Laboratory Control Sample (LCS) was analyzed as a quality control check for the analytical batch and all recoveries were within acceptable limits.

Your sample ID "MW-19" (SPL ID:09010829-14) was randomly selected for use in SPL's quality control program for the Ion Chromatography analysis by EPA Method 300.0. The Matrix Spike (MS) recovery was outside of the advisable quality control limits for Chloride (Batch ID: R263900B) due to matrix interference. A Laboratory Control Sample (LCS) was analyzed as a quality control check for the analytical batch and all recoveries were within acceptable limits.

Some of the percent recoveries and RPD's on the QC report for the MS/MSD may be different than the calculated recoveries and RPD's using the sample result and the MS/MSD results that appear on the report because, the actual raw result is used to perform the calculations for percent recovery and RPD.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

Erica Cardenas
Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Case Narrative for:

Conoco Phillips

Certificate of Analysis Number:

09010829

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Erica Cardenas
Project Manager

Date

Test results meet all requirements of NELAC, unless specified in the narrative.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Conoco Phillips

Certificate of Analysis Number:

09010829

Report To: Tetra Tech
Greg Pope
1910 N. Big Spring St

Midland
TX
79705-
ph: (432) 682-4559 fax: (432) 686-8085

Fax To:

Project Name: COP East Hobbs Junction
Site: Hobbs, NM
Site Address:

PO Number: 4511063196
State: New Mexico
State Cert. No.:
Date Reported: 2/5/2009

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
MW-21	09010829-01	Water	1/20/2009 1:30:00 PM	1/22/2009 10:00:00 AM	316766	☐
MW-16	09010829-02	Water	1/20/2009 1:47:00 PM	1/22/2009 10:00:00 AM	319766	☐
MW-20	09010829-03	Water	1/20/2009 2:05:00 PM	1/22/2009 10:00:00 AM	319766	☐
MW-25	09010829-04	Water	1/20/2009 2:25:00 PM	1/22/2009 10:00:00 AM	319766	☐
MW-24	09010829-05	Water	1/21/2009 7:42:00 AM	1/22/2009 10:00:00 AM	316767	☐
MW-15	09010829-06	Water	1/21/2009 8:05:00 AM	1/22/2009 10:00:00 AM	316767	☐
MW-4	09010829-07	Water	1/21/2009 8:20:00 AM	1/22/2009 10:00:00 AM	316767	☐
MW-	09010829-08	Water	1/21/2009 8:37:00 AM	1/22/2009 10:00:00 AM	316768	☐
MW-	09010829-09	Water	1/21/2009 8:57:00 AM	1/22/2009 10:00:00 AM	316768	☐
MW-27	09010829-10	Water	1/21/2009 9:15:00 AM	1/22/2009 10:00:00 AM	316768	☐
MW-23	09010829-11	Water	1/21/2009 9:32:00 AM	1/22/2009 10:00:00 AM	316769	☐
MW-22	09010829-12	Water	1/21/2009 9:48:00 AM	1/22/2009 10:00:00 AM	316769	☐
MW-13	09010829-13	Water	1/21/2009 10:02:00 AM	1/22/2009 10:00:00 AM	316769	☐
MW-19	09010829-14	Water	1/21/2009 10:19:00 AM	1/22/2009 10:00:00 AM	316769	☐
MW-14	09010829-15	Water	1/21/2009 10:33:00 AM	1/22/2009 10:00:00 AM	316770	☐
MW-18	09010829-16	Water	1/21/2009 10:48:00 AM	1/22/2009 10:00:00 AM	316770	☐
MW-12	09010829-17	Water	1/21/2009 11:05:00 AM	1/22/2009 10:00:00 AM	316770	☐
SVE-10	09010829-18	Water	1/21/2009 11:30:00 AM	1/22/2009 10:00:00 AM	316771	☐
MW-11	09010829-19	Water	1/21/2009 11:49:00 AM	1/22/2009 10:00:00 AM	316771	☐
MW-6	09010829-20	Water	1/21/2009 12:05:00 PM	1/22/2009 10:00:00 AM	316771	☐
DUP#1	09010829-21	Water	1/21/2009	1/22/2009 10:00:00 AM	316772	☐
DUP#2	09010829-22	Water	1/21/2009	1/22/2009 10:00:00 AM	316772	☐
Trip Blank	09010829-23	Water	1/21/2009	1/22/2009 10:00:00 AM	316772	☐

Erica Cardenas
Project Manager

2/5/2009
Date

Richard R. Reed
Laboratory Director

Ted Yen
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-21 **Collected:** 01/20/2009 13:30 **SPL Sample ID:** 09010829-01

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND			0.05	1	01/26/09 16:08	NW	4883026
Surr: n-Pentacosane	89.0		%	20-150	1	01/26/09 16:08	NW	4883026

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	01/23/09 17:03	WLV	4876295
Surr: 1,4-Difluorobenzene	104		%	60-155	1	01/23/09 17:03	WLV	4876295
Surr: 4-Bromofluorobenzene	114		%	50-158	1	01/23/09 17:03	WLV	4876295
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	1060			50	100	01/28/09 18:26	BDG	4884544
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	01/23/09 17:03	NMa	4880852
Toluene	ND			1	1	01/23/09 17:03	NMa	4880852
Ethylbenzene	ND			1	1	01/23/09 17:03	NMa	4880852
m,p-Xylene	ND			1	1	01/23/09 17:03	NMa	4880852
o-Xylene	ND			1	1	01/23/09 17:03	NMa	4880852
Xylenes,Total	ND			1	1	01/23/09 17:03	NMa	4880852
Surr: 1,4-Difluorobenzene	95.8		%	39-163	1	01/23/09 17:03	NMa	4880852
Surr: 4-Bromofluorobenzene	102		%	57-157	1	01/23/09 17:03	NMa	4880852

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: MW-16 **Collected:** 01/20/2009 13:47 **SPL Sample ID:** 09010829-02

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.25			0.05	1	01/26/09 16:39	NW	4883027
Surr: n-Pentacosane	102		%	20-150	1	01/26/09 16:39	NW	4883027

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	01/23/09 16:31	WLV	4876294
Surr: 1,4-Difluorobenzene	103		%	60-155	1	01/23/09 16:31	WLV	4876294
Surr: 4-Bromofluorobenzene	110		%	50-158	1	01/23/09 16:31	WLV	4876294
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	151			5	10	01/28/09 18:43	BDG	4884545
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	01/23/09 16:31	NMa	4880851
Toluene	ND			1	1	01/23/09 16:31	NMa	4880851
Ethylbenzene	ND			1	1	01/23/09 16:31	NMa	4880851
m,p-Xylene	ND			1	1	01/23/09 16:31	NMa	4880851
o-Xylene	ND			1	1	01/23/09 16:31	NMa	4880851
Xylenes,Total	ND			1	1	01/23/09 16:31	NMa	4880851
Surr: 1,4-Difluorobenzene	94.4		%	39-163	1	01/23/09 16:31	NMa	4880851
Surr: 4-Bromofluorobenzene	101		%	57-157	1	01/23/09 16:31	NMa	4880851

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: MW-20 **Collected:** 01/20/2009 14:05 **SPL Sample ID:** 09010829-03

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.067		0.05	1	01/26/09 17:10	NW	4883028
Surr: n-Pentacosane	105		% 20-150	1	01/26/09 17:10	NW	4883028

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	01/23/09 21:14	WLV	4876300
Surr: 1,4-Difluorobenzene	103		% 60-155	1	01/23/09 21:14	WLV	4876300
Surr: 4-Bromofluorobenzene	111		% 50-158	1	01/23/09 21:14	WLV	4876300
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	109		5	10	01/28/09 19:00	BDG	4884546
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	01/23/09 21:14	NMa	4880858
Toluene	ND		1	1	01/23/09 21:14	NMa	4880858
Ethylbenzene	ND		1	1	01/23/09 21:14	NMa	4880858
m,p-Xylene	ND		1	1	01/23/09 21:14	NMa	4880858
o-Xylene	ND		1	1	01/23/09 21:14	NMa	4880858
Xylenes,Total	ND		1	1	01/23/09 21:14	NMa	4880858
Surr: 1,4-Difluorobenzene	96.3		% 39-163	1	01/23/09 21:14	NMa	4880858
Surr: 4-Bromofluorobenzene	101		% 57-157	1	01/23/09 21:14	NMa	4880858

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

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Client Sample ID: MW-25 **Collected:** 01/20/2009 14:25 **SPL Sample ID:** 09010829-04

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.16		0.05	1	01/26/09 17:41	NW	4883029
Surr: n-Pentacosane	113		% 20-150	1	01/26/09 17:41	NW	4883029

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	01/23/09 21:46	WLV	4876301
Surr: 1,4-Difluorobenzene	103		% 60-155	1	01/23/09 21:46	WLV	4876301
Surr: 4-Bromofluorobenzene	112		% 50-158	1	01/23/09 21:46	WLV	4876301
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	138		5	10	01/28/09 20:27	BDG	4884551
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	01/23/09 21:46	NMa	4880859
Toluene	ND		1	1	01/23/09 21:46	NMa	4880859
Ethylbenzene	ND		1	1	01/23/09 21:46	NMa	4880859
m,p-Xylene	ND		1	1	01/23/09 21:46	NMa	4880859
o-Xylene	ND		1	1	01/23/09 21:46	NMa	4880859
Xylenes,Total	ND		1	1	01/23/09 21:46	NMa	4880859
Surr: 1,4-Difluorobenzene	95.8		% 39-163	1	01/23/09 21:46	NMa	4880859
Surr: 4-Bromofluorobenzene	102		% 57-157	1	01/23/09 21:46	NMa	4880859

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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Client Sample ID: MW-24 **Collected:** 01/21/2009 7:42 **SPL Sample ID:** 09010829-05

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.48			0.05	1	01/26/09 18:12	NW	4883030
Surr: n-Pentacosane	97.6		%	20-150	1	01/26/09 18:12	NW	4883030

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	0.79			0.1	1	01/23/09 22:17	WLV	4876302
Surr: 1,4-Difluorobenzene	151		%	60-155	1	01/23/09 22:17	WLV	4876302
Surr: 4-Bromofluorobenzene	114		%	50-158	1	01/23/09 22:17	WLV	4876302
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	269			25	50	01/28/09 21:17	BDG	4884554
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	1.6			1	1	01/23/09 22:17	NMa	4880860
Toluene	6.8			1	1	01/23/09 22:17	NMa	4880860
Ethylbenzene	16			1	1	01/23/09 22:17	NMa	4880860
m,p-Xylene	4.8			1	1	01/23/09 22:17	NMa	4880860
o-Xylene	1.3			1	1	01/23/09 22:17	NMa	4880860
Xylenes,Total	6.1			1	1	01/23/09 22:17	NMa	4880860
Surr: 1,4-Difluorobenzene	101		%	39-163	1	01/23/09 22:17	NMa	4880860
Surr: 4-Bromofluorobenzene	99.1		%	57-157	1	01/23/09 22:17	NMa	4880860

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: MW-15 **Collected:** 01/21/2009 8:05 **SPL Sample ID:** 09010829-06

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	14		0.25	5	01/27/09 12:53	NW	4883040
Surr: n-Pentacosane	120		% 20-150	5	01/27/09 12:53	NW	4883040

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	0.38		0.1	1	01/23/09 22:49	WLV	4876303
Surr: 1,4-Difluorobenzene	121		% 60-155	1	01/23/09 22:49	WLV	4876303
Surr: 4-Bromofluorobenzene	130		% 50-158	1	01/23/09 22:49	WLV	4876303
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	285		25	50	01/28/09 21:34	BDG	4884555
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND		1	1	01/23/09 22:49	NMa	4880861
Toluene	ND		1	1	01/23/09 22:49	NMa	4880861
Ethylbenzene	ND		1	1	01/23/09 22:49	NMa	4880861
m,p-Xylene	1.1		1	1	01/23/09 22:49	NMa	4880861
o-Xylene	ND		1	1	01/23/09 22:49	NMa	4880861
Xylenes,Total	1.1		1	1	01/23/09 22:49	NMa	4880861
Surr: 1,4-Difluorobenzene	95.7		% 39-163	1	01/23/09 22:49	NMa	4880861
Surr: 4-Bromofluorobenzene	103		% 57-157	1	01/23/09 22:49	NMa	4880861

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: MW-4 **Collected:** 01/21/2009 8:20 **SPL Sample ID:** 09010829-07

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.062		0.05	1	01/26/09 19:15	NW	4883031
Surr: n-Pentacosane	78.4		% 20-150	1	01/26/09 19:15	NW	4883031

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	01/23/09 23:20	WLV	4876304
Surr: 1,4-Difluorobenzene	102		% 60-155	1	01/23/09 23:20	WLV	4876304
Surr: 4-Bromofluorobenzene	113		% 50-158	1	01/23/09 23:20	WLV	4876304
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	34.4		2.5	5	01/28/09 21:52	BDG	4884556
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	01/23/09 23:20	NMa	4880862
Toluene	ND		1	1	01/23/09 23:20	NMa	4880862
Ethylbenzene	ND		1	1	01/23/09 23:20	NMa	4880862
m,p-Xylene	ND		1	1	01/23/09 23:20	NMa	4880862
o-Xylene	ND		1	1	01/23/09 23:20	NMa	4880862
Xylenes,Total	ND		1	1	01/23/09 23:20	NMa	4880862
Surr: 1,4-Difluorobenzene	95.7		% 39-163	1	01/23/09 23:20	NMa	4880862
Surr: 4-Bromofluorobenzene	103		% 57-157	1	01/23/09 23:20	NMa	4880862

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: MW-5 **Collected:** 01/21/2009 8:37 **SPL Sample ID:** 09010829-08

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND			0.05	1	01/26/09 20:48	NW	4883033
Surr: n-Pentacosane	86.2		%	20-150	1	01/26/09 20:48	NW	4883033

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	01/23/09 23:52	WLV	4876305
Surr: 1,4-Difluorobenzene	101		%	60-155	1	01/23/09 23:52	WLV	4876305
Surr: 4-Bromofluorobenzene	108		%	50-158	1	01/23/09 23:52	WLV	4876305
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	24.5			1	2	01/28/09 22:08	BDG	4884557
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	01/23/09 23:52	NMa	4880863
Toluene	ND			1	1	01/23/09 23:52	NMa	4880863
Ethylbenzene	ND			1	1	01/23/09 23:52	NMa	4880863
m,p-Xylene	ND			1	1	01/23/09 23:52	NMa	4880863
o-Xylene	ND			1	1	01/23/09 23:52	NMa	4880863
Xylenes,Total	ND			1	1	01/23/09 23:52	NMa	4880863
Surr: 1,4-Difluorobenzene	94.9		%	39-163	1	01/23/09 23:52	NMa	4880863
Surr: 4-Bromofluorobenzene	100		%	57-157	1	01/23/09 23:52	NMa	4880863

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: MW-26 **Collected:** 01/21/2009 8:57 **SPL Sample ID:** 09010829-09

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND		0.05	1	01/26/09 21:20	NW	4883034
Surr: n-Pentacosane	71.8		% 20-150	1	01/26/09 21:20	NW	4883034

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	01/24/09 0:23	WLV	4876306
Surr: 1,4-Difluorobenzene	103		% 60-155	1	01/24/09 0:23	WLV	4876306
Surr: 4-Bromofluorobenzene	113		% 50-158	1	01/24/09 0:23	WLV	4876306
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	99.8		5	10	01/28/09 22:26	BDG	4884558
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	01/24/09 0:23	NMa	4880864
Toluene	ND		1	1	01/24/09 0:23	NMa	4880864
Ethylbenzene	ND		1	1	01/24/09 0:23	NMa	4880864
m,p-Xylene	ND		1	1	01/24/09 0:23	NMa	4880864
o-Xylene	ND		1	1	01/24/09 0:23	NMa	4880864
Xylenes,Total	ND		1	1	01/24/09 0:23	NMa	4880864
Surr: 1,4-Difluorobenzene	95.3		% 39-163	1	01/24/09 0:23	NMa	4880864
Surr: 4-Bromofluorobenzene	103		% 57-157	1	01/24/09 0:23	NMa	4880864

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-27 **Collected:** 01/21/2009 9:15 **SPL Sample ID:** 09010829-10

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	ND			0.05	1	01/26/09 21:51	NW	4883035
Surr: n-Pentacosane	81.6		%	20-150	1	01/26/09 21:51	NW	4883035

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	0.48			0.1	1	01/24/09 0:54	WLV	4876307
Surr: 1,4-Difluorobenzene	110		%	60-155	1	01/24/09 0:54	WLV	4876307
Surr: 4-Bromofluorobenzene	106		%	50-158	1	01/24/09 0:54	WLV	4876307
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	103			5	10	01/28/09 23:35	BDG	4884561
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	170			1	1	01/24/09 0:54	NMa	4880865
Toluene	8.6			1	1	01/24/09 0:54	NMa	4880865
Ethylbenzene	2.4			1	1	01/24/09 0:54	NMa	4880865
m,p-Xylene	5.4			1	1	01/24/09 0:54	NMa	4880865
o-Xylene	2.1			1	1	01/24/09 0:54	NMa	4880865
Xylenes,Total	7.5			1	1	01/24/09 0:54	NMa	4880865
Surr: 1,4-Difluorobenzene	102		%	39-163	1	01/24/09 0:54	NMa	4880865
Surr: 4-Bromofluorobenzene	98.7		%	57-157	1	01/24/09 0:54	NMa	4880865

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-23 **Collected:** 01/21/2009 9:32 **SPL Sample ID:** 09010829-11

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	ND			0.05	1	01/26/09 22:22	NW	4883036
Surr: n-Pentacosane	83.2		%	20-150	1	01/26/09 22:22	NW	4883036

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	01/24/09 1:26	WLV	4876308
Surr: 1,4-Difluorobenzene	103		%	60-155	1	01/24/09 1:26	WLV	4876308
Surr: 4-Bromofluorobenzene	112		%	50-158	1	01/24/09 1:26	WLV	4876308
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	55			2.5	5	01/28/09 23:52	BDG	4884562
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	01/24/09 1:26	NMa	4880866
Toluene	ND			1	1	01/24/09 1:26	NMa	4880866
Ethylbenzene	ND			1	1	01/24/09 1:26	NMa	4880866
m,p-Xylene	ND			1	1	01/24/09 1:26	NMa	4880866
o-Xylene	ND			1	1	01/24/09 1:26	NMa	4880866
Xylenes,Total	ND			1	1	01/24/09 1:26	NMa	4880866
Surr: 1,4-Difluorobenzene	95.3		%	39-163	1	01/24/09 1:26	NMa	4880866
Surr: 4-Bromofluorobenzene	102		%	57-157	1	01/24/09 1:26	NMa	4880866

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-22 **Collected:** 01/21/2009 9:48 **SPL Sample ID:** 09010829-12

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	ND			0.05	1	01/26/09 22:54	NW	4883037
Surr: n-Pentacosane	64.6		%	20-150	1	01/26/09 22:54	NW	4883037

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	ND			0.1	1	01/24/09 4:03	WLV	4876312
Surr: 1,4-Difluorobenzene	102		%	60-155	1	01/24/09 4:03	WLV	4876312
Surr: 4-Bromofluorobenzene	114		%	50-158	1	01/24/09 4:03	WLV	4876312
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	76.2			5	10	01/29/09 0:09	BDG	4884563
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	01/24/09 4:03	NMa	4880870
Toluene	ND			1	1	01/24/09 4:03	NMa	4880870
Ethylbenzene	ND			1	1	01/24/09 4:03	NMa	4880870
m,p-Xylene	ND			1	1	01/24/09 4:03	NMa	4880870
o-Xylene	ND			1	1	01/24/09 4:03	NMa	4880870
Xylenes,Total	ND			1	1	01/24/09 4:03	NMa	4880870
Surr: 1,4-Difluorobenzene	96.0		%	39-163	1	01/24/09 4:03	NMa	4880870
Surr: 4-Bromofluorobenzene	102		%	57-157	1	01/24/09 4:03	NMa	4880870

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
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MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-13 **Collected:** 01/21/2009 10:02 **SPL Sample ID:** 09010829-13

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.05			0.05	1	01/26/09 20:48	NW	4882309
Surr: n-Pentacosane	76.0		%	20-150	1	01/26/09 20:48	NW	4882309

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	01/24/09 4:34	WLV	4876313
Surr: 1,4-Difluorobenzene	102		%	60-155	1	01/24/09 4:34	WLV	4876313
Surr: 4-Bromofluorobenzene	113		%	50-158	1	01/24/09 4:34	WLV	4876313
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	65.4			5	10	01/29/09 0:26	BDG	4884564
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND			1	1	01/24/09 4:34	NMa	4880871
Toluene	ND			1	1	01/24/09 4:34	NMa	4880871
Ethylbenzene	ND			1	1	01/24/09 4:34	NMa	4880871
m,p-Xylene	ND			1	1	01/24/09 4:34	NMa	4880871
o-Xylene	ND			1	1	01/24/09 4:34	NMa	4880871
Xylenes,Total	ND			1	1	01/24/09 4:34	NMa	4880871
Surr: 1,4-Difluorobenzene	94.9		%	39-163	1	01/24/09 4:34	NMa	4880871
Surr: 4-Bromofluorobenzene	102		%	57-157	1	01/24/09 4:34	NMa	4880871

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
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HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-19 **Collected:** 01/21/2009 10:19 **SPL Sample ID:** 09010829-14

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	ND		0.05		1	01/26/09 21:20	NW	4882310
Surr: n-Pentacosane	74.4		% 20-150		1	01/26/09 21:20	NW	4882310

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1		1	01/24/09 5:06	WLV	4876314
Surr: 1,4-Difluorobenzene	103		% 60-155		1	01/24/09 5:06	WLV	4876314
Surr: 4-Bromofluorobenzene	114		% 50-158		1	01/24/09 5:06	WLV	4876314
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	111		5		10	01/29/09 1:18	BDG	4884567
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1		1	01/24/09 5:06	NMa	4880872
Toluene	ND		1		1	01/24/09 5:06	NMa	4880872
Ethylbenzene	ND		1		1	01/24/09 5:06	NMa	4880872
m,p-Xylene	ND		1		1	01/24/09 5:06	NMa	4880872
o-Xylene	ND		1		1	01/24/09 5:06	NMa	4880872
Xylenes,Total	ND		1		1	01/24/09 5:06	NMa	4880872
Surr: 1,4-Difluorobenzene	95.5		% 39-163		1	01/24/09 5:06	NMa	4880872
Surr: 4-Bromofluorobenzene	103		% 57-157		1	01/24/09 5:06	NMa	4880872

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-14 **Collected:** 01/21/2009 10:33 **SPL Sample ID:** 09010829-15

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.086			0.05	1	01/26/09 21:51	NW	4882311
Surr: n-Pentacosane	72.4		%	20-150	1	01/26/09 21:51	NW	4882311

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND			0.1	1	01/24/09 5:37	WLV	4876315
Surr: 1,4-Difluorobenzene	98.1		%	60-155	1	01/24/09 5:37	WLV	4876315
Surr: 4-Bromofluorobenzene	106		%	50-158	1	01/24/09 5:37	WLV	4876315
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**		
Chloride	189			10	20	01/29/09 2:09	BDG	4884570
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	1.1			1	1	01/24/09 5:37	NMa	4880873
Toluene	ND			1	1	01/24/09 5:37	NMa	4880873
Ethylbenzene	ND			1	1	01/24/09 5:37	NMa	4880873
m,p-Xylene	ND			1	1	01/24/09 5:37	NMa	4880873
o-Xylene	ND			1	1	01/24/09 5:37	NMa	4880873
Xylenes,Total	ND			1	1	01/24/09 5:37	NMa	4880873
Surr: 1,4-Difluorobenzene	91.8		%	39-163	1	01/24/09 5:37	NMa	4880873
Surr: 4-Bromofluorobenzene	99.9		%	57-157	1	01/24/09 5:37	NMa	4880873

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-18 **Collected:** 01/21/2009 10:48 **SPL Sample ID:** 09010829-16

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.24		0.05	1	01/26/09 22:22	NW	4882312
Surr: n-Pentacosane	84.0		% 20-150	1	01/26/09 22:22	NW	4882312

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS				**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	11		2.5	25	01/28/09 23:15	WLV	4881991
Surr: 1,4-Difluorobenzene	96.9		% 60-155	25	01/28/09 23:15	WLV	4881991
Surr: 4-Bromofluorobenzene	94.3		% 50-158	25	01/28/09 23:15	WLV	4881991
ION CHROMATOGRAPHY				**MCL**	**E300.0**	**Units: mg/L**	
Chloride	197		10	20	01/29/09 3:01	BDG	4884573
PURGEABLE AROMATICS				**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	3900		25	25	01/26/09 22:30	WLV	4878389
Toluene	ND		25	25	01/26/09 22:30	WLV	4878389
Ethylbenzene	100		25	25	01/26/09 22:30	WLV	4878389
m,p-Xylene	64		25	25	01/26/09 22:30	WLV	4878389
o-Xylene	ND		25	25	01/26/09 22:30	WLV	4878389
Xylenes,Total	64		25	25	01/26/09 22:30	WLV	4878389
Surr: 1,4-Difluorobenzene	96.4		% 39-163	25	01/26/09 22:30	WLV	4878389
Surr: 4-Bromofluorobenzene	100		% 57-157	25	01/26/09 22:30	WLV	4878389

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-12 **Collected:** 01/21/2009 11:05 **SPL Sample ID:** 09010829-17

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.48			0.05	1	01/26/09 22:54	NW	4882313
Surr: n-Pentacosane	79.6		%	20-150	1	01/26/09 22:54	NW	4882313

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	14			1	10	01/28/09 23:44	WLV	4881992
Surr: 1,4-Difluorobenzene	106		%	60-155	10	01/28/09 23:44	WLV	4881992
Surr: 4-Bromofluorobenzene	96.7		%	50-158	10	01/28/09 23:44	WLV	4881992
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	165			10	20	01/29/09 3:17	BDG	4884574
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	3500			10	10	01/26/09 23:32	WLV	4878390
Toluene	ND			10	10	01/26/09 23:32	WLV	4878390
Ethylbenzene	220			10	10	01/26/09 23:32	WLV	4878390
m,p-Xylene	180			10	10	01/26/09 23:32	WLV	4878390
o-Xylene	13			10	10	01/26/09 23:32	WLV	4878390
Xylenes,Total	193			10	10	01/26/09 23:32	WLV	4878390
Surr: 1,4-Difluorobenzene	108		%	39-163	10	01/26/09 23:32	WLV	4878390
Surr: 4-Bromofluorobenzene	105		%	57-157	10	01/26/09 23:32	WLV	4878390

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: SVE-10 **Collected:** 01/21/2009 11:30 **SPL Sample ID:** 09010829-18

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.18			0.05	1	01/27/09 0:27	NW	4882316
Surr: n-Pentacosane	86.2		%	20-150	1	01/27/09 0:27	NW	4882316

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	0.18			0.1	1	01/28/09 22:47	WLV	4881990
Surr: 1,4-Difluorobenzene	99.6		%	60-155	1	01/28/09 22:47	WLV	4881990
Surr: 4-Bromofluorobenzene	94.7		%	50-158	1	01/28/09 22:47	WLV	4881990
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	205			10	20	01/29/09 3:35	BDG	4884575
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	1.3			1	1	01/26/09 20:55	WLV	4878388
Toluene	ND			1	1	01/26/09 20:55	WLV	4878388
Ethylbenzene	ND			1	1	01/26/09 20:55	WLV	4878388
m,p-Xylene	ND			1	1	01/26/09 20:55	WLV	4878388
o-Xylene	ND			1	1	01/26/09 20:55	WLV	4878388
Xylenes,Total	ND			1	1	01/26/09 20:55	WLV	4878388
Surr: 1,4-Difluorobenzene	87.2		%	39-163	1	01/26/09 20:55	WLV	4878388
Surr: 4-Bromofluorobenzene	97.7		%	57-157	1	01/26/09 20:55	WLV	4878388

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Client Sample ID: MW-11 **Collected:** 01/21/2009 11:49 **SPL Sample ID:** 09010829-19

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	6.8			0.5	10	01/27/09 2:00	NW	4882319
Surr: n-Pentacosane	170 MI	*	%	20-150	10	01/27/09 2:00	NW	4882319

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	28			2.5	25	01/28/09 17:36	WLV	4881980
Surr: 1,4-Difluorobenzene	102		%	60-155	25	01/28/09 17:36	WLV	4881980
Surr: 4-Bromofluorobenzene	96.8		%	50-158	25	01/28/09 17:36	WLV	4881980
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	206			10	20	01/29/09 3:51	BDG	4884576
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	6600			25	25	01/28/09 15:17	WLV	4882202
Toluene	210			25	25	01/28/09 15:17	WLV	4882202
Ethylbenzene	720			25	25	01/28/09 15:17	WLV	4882202
m,p-Xylene	1400			25	25	01/28/09 15:17	WLV	4882202
o-Xylene	510			25	25	01/28/09 15:17	WLV	4882202
Xylenes,Total	1910			25	25	01/28/09 15:17	WLV	4882202
Surr: 1,4-Difluorobenzene	105		%	39-163	25	01/28/09 15:17	WLV	4882202
Surr: 4-Bromofluorobenzene	109		%	57-157	25	01/28/09 15:17	WLV	4882202

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: MW-6 **Collected:** 01/21/2009 12:05 **SPL Sample ID:** 09010829-20

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	4.1		0.1	2	01/27/09 13:24	NW	4882322
Surr: n-Pentacosane	150 MI	*	% 20-150	2	01/27/09 13:24	NW	4882322

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	4.2		0.5	5	01/28/09 18:05	WLV	4881981
Surr: 1,4-Difluorobenzene	101		% 60-155	5	01/28/09 18:05	WLV	4881981
Surr: 4-Bromofluorobenzene	99.3		% 50-158	5	01/28/09 18:05	WLV	4881981
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	111		5	10	01/29/09 4:09	BDG	4884577
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	350		5	5	01/28/09 16:11	WLV	4882203
Toluene	270		5	5	01/28/09 16:11	WLV	4882203
Ethylbenzene	200		5	5	01/28/09 16:11	WLV	4882203
m,p-Xylene	170		5	5	01/28/09 16:11	WLV	4882203
o-Xylene	77		5	5	01/28/09 16:11	WLV	4882203
Xylenes,Total	247		5	5	01/28/09 16:11	WLV	4882203
Surr: 1,4-Difluorobenzene	109		% 39-163	5	01/28/09 16:11	WLV	4882203
Surr: 4-Bromofluorobenzene	114		% 57-157	5	01/28/09 16:11	WLV	4882203

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: DUP#1 **Collected:** 01/21/2009 0:00 **SPL Sample ID:** 09010829-21

Site: Hobbs, NM

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Diesel Range Organics	0.45			0.05	1	01/27/09 0:58	NW	4882317
Surr: n-Pentacosane	86.4		%	20-150	1	01/27/09 0:58	NW	4882317

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS					**MCL**	**SW8015B**	**Units: mg/L**	
Gasoline Range Organics	1.1			0.1	1	01/28/09 18:33	WLV	4881982
Surr: 1,4-Difluorobenzene	81.9		%	60-155	1	01/28/09 18:33	WLV	4881982
Surr: 4-Bromofluorobenzene	99.5		%	50-158	1	01/28/09 18:33	WLV	4881982
ION CHROMATOGRAPHY					**MCL**	**E300.0**	**Units: mg/L**	
Chloride	294			10	20	01/29/09 4:26	BDG	4884578
PURGEABLE AROMATICS					**MCL**	**SW8021B**	**Units: ug/L**	
Benzene	ND			1	1	01/26/09 17:47	WLV	4878385
Toluene	2			1	1	01/26/09 17:47	WLV	4878385
Ethylbenzene	3.4			1	1	01/26/09 17:47	WLV	4878385
m,p-Xylene	2			1	1	01/26/09 17:47	WLV	4878385
o-Xylene	ND			1	1	01/26/09 17:47	WLV	4878385
Xylenes,Total	2			1	1	01/26/09 17:47	WLV	4878385
Surr: 1,4-Difluorobenzene	97.6		%	39-163	1	01/26/09 17:47	WLV	4878385
Surr: 4-Bromofluorobenzene	100		%	57-157	1	01/26/09 17:47	WLV	4878385

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: DUP#2 **Collected:** 01/21/2009 0:00 **SPL Sample ID:** 09010829-22

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
DIESEL RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Diesel Range Organics	0.47		0.05	1	01/27/09 1:29	NW	4882318
Surr: n-Pentacosane	98.6		% 20-150	1	01/27/09 1:29	NW	4882318

Prep Method	Prep Date	Prep Initials	Prep Factor
SW3510C	01/23/2009 9:43	N_M	1.00

GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	14		2	20	01/29/09 0:12	WLV	4881993
Surr: 1,4-Difluorobenzene	100		% 60-155	20	01/29/09 0:12	WLV	4881993
Surr: 4-Bromofluorobenzene	95.4		% 50-158	20	01/29/09 0:12	WLV	4881993
ION CHROMATOGRAPHY			**MCL**	**E300.0**	**Units: mg/L**		
Chloride	156		10	20	01/29/09 4:43	BDG	4884579
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	3000		20	20	01/27/09 0:04	WLV	4878391
Toluene	ND		20	20	01/27/09 0:04	WLV	4878391
Ethylbenzene	240		20	20	01/27/09 0:04	WLV	4878391
m,p-Xylene	180		20	20	01/27/09 0:04	WLV	4878391
o-Xylene	ND		20	20	01/27/09 0:04	WLV	4878391
Xylenes,Total	180		20	20	01/27/09 0:04	WLV	4878391
Surr: 1,4-Difluorobenzene	94.6		% 39-163	20	01/27/09 0:04	WLV	4878391
Surr: 4-Bromofluorobenzene	99.7		% 57-157	20	01/27/09 0:04	WLV	4878391

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: Trip Blank **Collected:** 01/21/2009 0:00 **SPL Sample ID:** 09010829-23

Site: Hobbs, NM

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS			**MCL**	**SW8015B**	**Units: mg/L**		
Gasoline Range Organics	ND		0.1	1	01/24/09 3:32	WLV	4876311
Surr: 1,4-Difluorobenzene	103		% 60-155	1	01/24/09 3:32	WLV	4876311
Surr: 4-Bromofluorobenzene	113		% 50-158	1	01/24/09 3:32	WLV	4876311
PURGEABLE AROMATICS			**MCL**	**SW8021B**	**Units: ug/L**		
Benzene	ND		1	1	01/24/09 3:32	NMa	4880869
Toluene	ND		1	1	01/24/09 3:32	NMa	4880869
Ethylbenzene	ND		1	1	01/24/09 3:32	NMa	4880869
m,p-Xylene	ND		1	1	01/24/09 3:32	NMa	4880869
o-Xylene	ND		1	1	01/24/09 3:32	NMa	4880869
Xylenes,Total	ND		1	1	01/24/09 3:32	NMa	4880869
Surr: 1,4-Difluorobenzene	94.9		% 39-163	1	01/24/09 3:32	NMa	4880869
Surr: 4-Bromofluorobenzene	102		% 57-157	1	01/24/09 3:32	NMa	4880869

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
E - Estimated Value exceeds calibration curve
TNTC - Too numerous to count
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Diesel Range Organics
Method: SW8015B
WorkOrder: 09010829
Lab Batch ID: 87290

Method Blank

RunID: HP_Z_090126C-4883023 Units: mg/L
Analysis Date: 01/26/2009 14:34 Analyst: NW
Preparation Date: 01/23/2009 9:43 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics	ND	0.050
Surr: n-Pentacosane	140.6	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-01B	MW-21
09010829-02B	MW-16
09010829-03B	MW-20
09010829-04B	MW-25
09010829-05B	MW-24
09010829-06B	MW-15
09010829-07B	MW-4
09010829-08B	MW-5
09010829-09B	MW-26
09010829-10B	MW-27
09010829-11B	MW-23
09010829-12B	MW-22

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_Z_090126C-4883024 Units: mg/L
Analysis Date: 01/26/2009 15:05 Analyst: NW
Preparation Date: 01/23/2009 9:43 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics	2.00	2.42	121	2.00	2.65	132	8.9	43	21	175
Surr: n-Pentacosane	0.100	0.0751	75.1	0.100	0.0779	77.9	3.7	43	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Diesel Range Organics
Method: SW8015B
WorkOrder: 09010829
Lab Batch ID: 87291

Method Blank

RunID: HP_Z_090126B-4882306 Units: mg/L
Analysis Date: 01/26/2009 19:15 Analyst: NW
Preparation Date: 01/23/2009 9:43 Prep By: N_M Method SW3510C

Analyte	Result	Rep Limit
Diesel Range Organics	ND	0.050
Surr: n-Pentacosane	140.2	20-150

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-13B	MW-13
09010829-14B	MW-19
09010829-15B	MW-14
09010829-16B	MW-18
09010829-17B	MW-12
09010829-18B	SVE-10
09010829-19B	MW-11
09010829-20B	MW-6
09010829-21B	DUP#1
09010829-22B	DUP#2

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HP_Z_090126B-4882307 Units: mg/L
Analysis Date: 01/26/2009 19:46 Analyst: NW
Preparation Date: 01/23/2009 9:43 Prep By: N_M Method SW3510C

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Diesel Range Organics	2.00	2.90	145	2.00	2.77	138	4.9	43	21	175
Surr: n-Pentacosane	0.0500	0.0734	147	0.0500	0.0689	138	6.3	43	20	150

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 09010829
Lab Batch ID: R263425

Method Blank

RunID: HP_N_090123A-4876293 Units: mg/L
Analysis Date: 01/23/2009 14:21 Analyst: WLV
Preparation Date: 01/23/2009 14:21 Prep By: Method SW5030B

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	103.9	60-155
Surr: 4-Bromofluorobenzene	110.1	50-158

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-01A	MW-21
09010829-02A	MW-16
09010829-03A	MW-20
09010829-04A	MW-25
09010829-05A	MW-24
09010829-06A	MW-15
09010829-07A	MW-4
09010829-08A	MW-5
09010829-09A	MW-26
09010829-10A	MW-27
09010829-11A	MW-23
09010829-12A	MW-22
09010829-13A	MW-13
09010829-14A	MW-19
09010829-15A	MW-14
09010829-23A	Trip Blank

Laboratory Control Sample (LCS)

RunID: HP_N_090123A-4876292 Units: mg/L
Analysis Date: 01/23/2009 13:18 Analyst: WLV
Preparation Date: 01/23/2009 13:18 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.885	88.5	42	136
Surr: 1,4-Difluorobenzene	0.100	0.101	101	60	155
Surr: 4-Bromofluorobenzene	0.100	0.0988	98.8	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09010829-02
RunID: HP_N_090123A-4876296 Units: mg/L
Analysis Date: 01/23/2009 18:37 Analyst: WLV

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics **WorkOrder:** 09010829
Method: SW8015B **Lab Batch ID:** R263425

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	ND	1	0.785	78.5	1	0.800	80.0	1.83	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.119	119	0.1	0.119	119	0.168	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.104	104	0.1	0.103	103	1.83	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 09010829
Lab Batch ID: R263554

Method Blank

RunID: HP_N_090126B-4878374 Units: ug/L
Analysis Date: 01/26/2009 10:35 Analyst: WLV
Preparation Date: 01/26/2009 10:35 Prep By: Method SW5030B

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	94.8	39-163
Surr: 4-Bromofluorobenzene	105.3	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-16A	MW-18
09010829-17A	MW-12
09010829-18A	SVE-10
09010829-21A	DUP#1
09010829-22A	DUP#2

Laboratory Control Sample (LCS)

RunID: HP_N_090126B-4878373 Units: ug/L
Analysis Date: 01/26/2009 9:01 Analyst: WLV
Preparation Date: 01/26/2009 9:01 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	20.0	100	70	130
Ethylbenzene	20.0	19.7	98.5	66	132
Toluene	20.0	20.0	99.9	69	133
m,p-Xylene	40.0	39.8	99.4	67	136
o-Xylene	20.0	19.4	97.2	67	133
Xylenes,Total	60.0	59.2	98.7	67	136
Surr: 1,4-Difluorobenzene	100	93.5	93.5	39	163
Surr: 4-Bromofluorobenzene	100	104	104	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09010649-01
RunID: HP_N_090126B-4878378 Units: mg/L
Analysis Date: 01/26/2009 13:13 Analyst: WLV

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 09010829
Lab Batch ID: R263554

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	0.1	0.104	100	0.1	0.104	101	0.645	26	40	165
Ethylbenzene	0.196	0.1	0.296	100	0.1	0.296	99.9	0.0968	34	51	156
Toluene	0.00686	0.1	0.103	96.2	0.1	0.109	102	5.12	25	58	153
m,p-Xylene	0.314	0.2	0.515	100	0.2	0.515	100	0.0111	27	51	155
o-Xylene	0.204	0.1	0.303	98.8	0.1	0.303	98.5	0.0832	25	58	151
Xylenes,Total	0.519	0.3	0.818	99.8	0.3	0.818	99.7	0.0238	27	51	155
Surr: 1,4-Difluorobenzene	ND	500	469	93.9	500	468	93.6	0.337	30	39	163
Surr: 4-Bromofluorobenzene	ND	500	541	108	500	542	108	0.210	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 09010829
Lab Batch ID: R263695

Method Blank

RunID: HP_N_090123B-4880850 Units: ug/L
Analysis Date: 01/23/2009 14:21 Analyst: NMa

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	95.2	39-163
Surr: 4-Bromofluorobenzene	100.8	57-157

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-01A	MW-21
09010829-02A	MW-16
09010829-03A	MW-20
09010829-04A	MW-25
09010829-05A	MW-24
09010829-06A	MW-15
09010829-07A	MW-4
09010829-08A	MW-5
09010829-09A	MW-26
09010829-10A	MW-27
09010829-11A	MW-23
09010829-12A	MW-22
09010829-13A	MW-13
09010829-14A	MW-19
09010829-15A	MW-14
09010829-23A	Trip Blank

Laboratory Control Sample (LCS)

RunID: HP_N_090123B-4880849 Units: ug/L
Analysis Date: 01/23/2009 12:47 Analyst: NMa

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	18.8	94.0	70	130
Ethylbenzene	20.0	18.4	92.2	66	132
Toluene	20.0	19.0	95.1	69	133
m,p-Xylene	40.0	37.4	93.5	67	136
o-Xylene	20.0	18.4	91.8	67	133
Xylenes,Total	60.0	55.8	92.9	67	136
Surr: 1,4-Difluorobenzene	100	94.3	94.3	39	163
Surr: 4-Bromofluorobenzene	100	99.9	99.9	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 09010829
Lab Batch ID: R263695

Sample Spiked: 09010829-01
RunID: HP_N_090123B-4880853 Units: ug/L
Analysis Date: 01/23/2009 17:34 Analyst: NMa

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	ND	20	22.5	113	20	22.4	112	0.390	26	40	165
Ethylbenzene	ND	20	21.9	110	20	21.8	109	0.550	34	51	156
Toluene	ND	20	22.4	112	20	22.3	112	0.446	25	58	153
m,p-Xylene	ND	40	44.2	111	40	44.0	110	0.548	27	51	155
o-Xylene	ND	20	21.7	109	20	21.6	108	0.455	25	58	151
Xylenes,Total	ND	60	65.9	110	60	65.6	109	0.517	27	51	155
Surr: 1,4-Difluorobenzene	ND	100	95.4	95.4	100	95.4	95.4	0.0734	30	39	163
Surr: 4-Bromofluorobenzene	ND	100	102	102	100	102	102	0.179	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Gasoline Range Organics
Method: SW8015B
WorkOrder: 09010829
Lab Batch ID: R263760

Method Blank

RunID: HP_U_090128A-4881979 Units: mg/L
Analysis Date: 01/28/2009 17:08 Analyst: WLV
Preparation Date: 01/28/2009 17:08 Prep By: Method SW5030B

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	94.8	60-155
Surr: 4-Bromofluorobenzene	94.1	50-158

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-16A	MW-18
09010829-17A	MW-12
09010829-18A	SVE-10
09010829-19A	MW-11
09010829-20A	MW-6
09010829-21A	DUP#1
09010829-22A	DUP#2

Laboratory Control Sample (LCS)

RunID: HP_U_090128A-4881978 Units: mg/L
Analysis Date: 01/28/2009 16:11 Analyst: WLV
Preparation Date: 01/28/2009 16:11 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Gasoline Range Organics	1.00	0.934	93.4	42	136
Surr: 1,4-Difluorobenzene	0.100	0.0973	97.3	60	155
Surr: 4-Bromofluorobenzene	0.100	0.0985	98.5	50	158

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09010829-21
RunID: HP_U_090128A-4882720 Units: mg/L
Analysis Date: 01/29/2009 10:50 Analyst: WLV

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Gasoline Range Organics	1.06	1	1.21	15.0 *	1	1.20	13.7 *	1.09	36	22	174
Surr: 1,4-Difluorobenzene	ND	0.1	0.104	104	0.1	0.105	105	0.575	30	60	155
Surr: 4-Bromofluorobenzene	ND	0.1	0.0995	99.5	0.1	0.0999	99.9	0.401	30	50	158

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 09010829
Lab Batch ID: R263773

Method Blank

RunID: HP_N_090128A-4882200 Units: ug/L
Analysis Date: 01/28/2009 12:28 Analyst: WLV
Preparation Date: 01/28/2009 12:28 Prep By: Method SW5030B

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-19A	MW-11
09010829-20A	MW-6

Analyte	Result	Rep Limit
Benzene	ND	1.0
Ethylbenzene	ND	1.0
Toluene	ND	1.0
m,p-Xylene	ND	1.0
o-Xylene	ND	1.0
Xylenes,Total	ND	1.0
Surr: 1,4-Difluorobenzene	94.1	39-163
Surr: 4-Bromofluorobenzene	109.3	57-157

Laboratory Control Sample (LCS)

RunID: HP_N_090128A-4882199 Units: ug/L
Analysis Date: 01/28/2009 8:54 Analyst: WLV
Preparation Date: 01/28/2009 8:54 Prep By: Method SW5030B

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Benzene	20.0	18.7	93.4	70	130
Ethylbenzene	20.0	18.4	91.9	66	132
Toluene	20.0	18.8	94.2	69	133
m,p-Xylene	40.0	37.1	92.7	67	136
o-Xylene	20.0	18.1	90.7	67	133
Xylenes,Total	60.0	55.2	92.1	67	136
Surr: 1,4-Difluorobenzene	100	93.1	93.1	39	163
Surr: 4-Bromofluorobenzene	100	108	108	57	157

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09010829-20
RunID: HP_N_090128A-4882204 Units: ug/L
Analysis Date: 01/28/2009 17:04 Analyst: WLV

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Purgeable Aromatics
Method: SW8021B
WorkOrder: 09010829
Lab Batch ID: R263773

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Benzene	351	100	503	152	100	494	143	1.86	26	40	165
Ethylbenzene	198	100	305	107	100	298	100	2.10	34	51	156
Toluene	271	100	427	156 *	100	408	137	6.06	25	58	153
m,p-Xylene	174	200	386	106	200	379	102	1.95	27	51	155
o-Xylene	77.5	100	191	114	100	188	110	1.93	25	58	151
Xylenes,Total	252	300	577	109	300	567	105	1.94	27	51	155
Surr: 1,4-Difluorobenzene	ND	500	522	104	500	520	104	0.391	30	39	163
Surr: 4-Bromofluorobenzene	ND	500	569	114	500	572	114	0.607	30	57	157

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0
WorkOrder: 09010829
Lab Batch ID: R263900

Method Blank

RunID: IC2_090128B-4884536 Units: mg/L
Analysis Date: 01/28/2009 14:33 Analyst: BDG

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-01C	MW-21
09010829-02C	MW-16
09010829-03C	MW-20

Laboratory Control Sample (LCS)

RunID: IC2_090128B-4884537 Units: mg/L
Analysis Date: 01/28/2009 14:49 Analyst: BDG

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.861	98.61	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09011040-02
RunID: IC2_090128B-4884541 Units: mg/L
Analysis Date: 01/28/2009 16:48 Analyst: BDG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	14.95	10	26.45	115.0	10	26.84	118.9	1.456	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

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Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0
WorkOrder: 09010829
Lab Batch ID: R263900A

Method Blank

RunID: IC2_090128B-4884549 Units: mg/L
Analysis Date: 01/28/2009 19:51 Analyst: BDG

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-04C	MW-25
09010829-05C	MW-24
09010829-06C	MW-15
09010829-07C	MW-4
09010829-08C	MW-5
09010829-09C	MW-26
09010829-10C	MW-27
09010829-11C	MW-23
09010829-12C	MW-22
09010829-13C	MW-13

Laboratory Control Sample (LCS)

RunID: IC2_090128B-4884550 Units: mg/L
Analysis Date: 01/28/2009 20:08 Analyst: BDG

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.073	90.73	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09010829-04
RunID: IC2_090128B-4884552 Units: mg/L
Analysis Date: 01/28/2009 20:44 Analyst: BDG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	137.7	100	247.5	109.7	100	255.0	117.3	3.010	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

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HOUSTON, TX 77054
(713) 660-0901

Quality Control Report

Conoco Phillips

COP East Hobbs Junction

Analysis: Ion Chromatography
Method: E300.0
WorkOrder: 09010829
Lab Batch ID: R263900B

Method Blank

RunID: IC2_090128B-4884565 Units: mg/L
Analysis Date: 01/29/2009 0:43 Analyst: BDG

Analyte	Result	Rep Limit
Chloride	ND	0.50

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
09010829-14C	MW-19
09010829-15C	MW-14
09010829-16C	MW-18
09010829-17C	MW-12
09010829-18C	SVE-10
09010829-19C	MW-11
09010829-20C	MW-6
09010829-21C	DUP#1
09010829-22C	DUP#2

Laboratory Control Sample (LCS)

RunID: IC2_090128B-4884566 Units: mg/L
Analysis Date: 01/29/2009 1:01 Analyst: BDG

Analyte	Spike Added	Result	Percent Recovery	Lower Limit	Upper Limit
Chloride	10.00	9.816	98.16	85	115

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Sample Spiked: 09010829-14
RunID: IC2_090128B-4884568 Units: mg/L
Analysis Date: 01/29/2009 1:35 Analyst: BDG

Analyte	Sample Result	MS Spike Added	MS Result	MS % Recovery	MSD Spike Added	MSD Result	MSD % Recovery	RPD	RPD Limit	Low Limit	High Limit
Chloride	111.4	100	237.8	126.4 *	100	211.7	100.3	11.60	20	80	120

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B/V - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
E - Estimated Value exceeds calibration curve
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits

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Sample Receipt Checklist

And

Chain of Custody

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TX 77054
(713) 660-0901

Sample Receipt Checklist

Workorder:	09010829	Received By:	RE
Date and Time Received:	1/22/2009 10:00:00 AM	Carrier name:	Fedex-Standard Overnight
Temperature:	2.0°C	Chilled by:	Water Ice

1.	**Shipping container/cooler in good condition?**	Yes ☑	No ☐	Not Present ☐
2.	**Custody seals intact on shippping container/cooler?**	Yes ☑	No ☐	Not Present ☐
3.	**Custody seals intact on sample bottles?**	Yes ☐	No ☐	Not Present ☑
4.	**Chain of custody present?**	Yes ☑	No ☐	
5.	**Chain of custody signed when relinquished and received?**	Yes ☑	No ☐	
6.	**Chain of custody agrees with sample labels?**	Yes ☑	No ☐	
7.	**Samples in proper container/bottle?**	Yes ☑	No ☐	
8.	**Sample containers intact?**	Yes ☑	No ☐	
9.	**Sufficient sample volume for indicated test?**	Yes ☑	No ☐	
10.	**All samples received within holding time?**	Yes ☑	No ☐	
11.	**Container/Temp Blank temperature in compliance?**	Yes ☑	No ☐	
12.	**Water - VOA vials have zero headspace?**	Yes ☑	No ☐	VOA Vials Not Present ☐
13.	**Water - Preservation checked upon receipt (except VOA*)?**	Yes ☐	No ☐	Not Applicable ☑

***VOA Preservation Checked After Sample Analysis**

SPL Representative: _____ **Contact Date & Time:** _____

Client Name Contacted: _____

Non Conformance Issues: _____

Client Instructions: _____

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No: 316766

0901082?

page 1 of 2

Client Name:	Intra-Tech
Address:	1510 N. Big Spring St
Phone/Fax:	(432) 682-4559 / (432) 682-3946
Client Contact:	Greg Pope
Email:	greg.pope@intratechnos
Project Name/No.:	E H J21
Site Name:	Hobbs East J2 E H J21
Site Location:	Hobbs, NM
Invoice To:	Ph:

matrix: W=water, S=soil, SL=sludge, O=oil, X=other

bottle: P=plastic, A=amber glass, G=glass, V=vial, X=other

size: 1=1 liter, 4=4oz, 40=vial, 8=8oz, 16=16oz, X=other

pres: 1=HCl, 2=HNO3, 3=H2SO4, X=other

Number of Containers

Requested Analysis: 1311 6010, D20 8015, 420, E1 300.0

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres	Number of Containers	1311 6010	D20 8015	420	E1 300.0				
MW-21	1/20/09	1330		X	W	P	1	X	1				X				
MW-21		1330				G	40	1	6	X		X					
MW-21		1330				A	X	1	2		X						
MW-16		1347				P	1	X	1				X				
MW-16		1347				G	40	1	6	X		X					
MW-16		1347				A	X	1	2		X						
MW-20		1405				P	1	X	1				X				
MW-20		1405				G	40	1	6	X		X					
MW-20		1405				A	X	1	2		X						
MW-25		1425				P	1	X	1				X				

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N

Ice? ☐ Y ☐ N

Temp: 2 °C

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐

Special Reporting Requirements: Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☒ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

1. Relinquished by Sampler:	date 1/21/09	time 1230	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 1/22/09	time 1000	6. Received by Laboratory:

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☐ 500 Ambassador Caffery Parkway, Scott, LA 70583, (337) 237-4775

☐ 459 Hughes Drive, Traverse City, MI 49686, (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No.: 316767

page 2 of 2

Client Name:	Tetra Tech
Address:	1910 N. 13th Street
Phone/Fax:	(432) 682-4559 / (432) 682-3946
Client Contact:	Greg Pope
Email:	greg.pope@tetratech.com
Project Name/No.:	EH-Jal
Site Name:	
Site Location:	Hobbs, NM
Invoice To:	Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: BTEX 8021	PAHs 8310	RCRA	TCLP 1311				
MW-25	1/20/09	1425		X	W	G	40	1	6	X		X					
MW-25	1/20/09	1425		X	W	A	X	1	2		X						
MW-24	1/21/09	0747				P	1	X	1				X				
MW-24		0747				G	40	1	6	X		X					
MW-24		0747				A	X	1	2		X						
MW-15		0805				P	1	X	1				X				
MW-15		0805				G	40	1	6	X		X					
MW-15		0805				A	X	1	2		X						
MW-4		0820				P	1	X	1				X				
MW-4		0820				G	40	1	6	X		X					

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N

Ice? ☐ Y ☐ N

Temp: 2.8

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	1/21/09	1730	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date	time	6. Received by Laboratory:

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☐ 500 Ambassador Caffery Parkway, Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive, Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No.: 316768

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Client Name: Trihydro

Address: 1910 N. Big Spring St.

Phone/Fax: (432) 682-4559 / (432) 682-3946

Client Contact: Greg Pope Email: greg.pope@trihydro.com

Project Name/No.: EH #1

Site Name:

Site Location: Hobbs NM

Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: BTEX 8021	PCO 90/15	BGRO	Cl 300.0					
MW-4	11/21/05	0820		X	W	P	X	1	2		X							
MW-5		0837				P	1	X	1				X					
MW-5		0837				G	40	1	6	X		X						
MW-5		0837				A	X	1	2		X							
MW-26		0857				P	1	X	1				X					
MW-26		0857				G	40	1	6	X		X						
MW-26		0857				A	X	1	2		X							
MW-27		0915				P	1	X	1				X					
MW-27		0915				G	40	1	6	X		X						
MW-27						A	X	1	2		X							

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N

Ice? ☐ Y ☐ N

Temp:

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	11/21/05	1230	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date	time	6. Received by Laboratory:

☐ 9380 Interchange Drive Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No: 0901082 9 — 316769

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Client Name: Terra Tech

Address: 1910 N. Big Spring St

Phone/Fax: (432) 682-4559 / (432) 682-3946

Client Contact: Greg Pope Email: greg.pope@terratech

Project Name/No.: EL Jet

Site Name:

Site Location: Hobbs, NM

Invoice To: Ph:

matrix: W=water S=soil O=oil SL=sludge X=other

bottle: P=plastic A=amber glass G=glass V=vial X=other

size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other

pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

Number of Containers

Requested Analysis: 1515 E Y 8021 | DRO 8015 | GRO | C1 300.0

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	1515 E Y 8021	DRO 8015	GRO	C1 300.0
MW-23	1/21/09	0932		X	W	P	1	X	1				X
MW-23		0932				G	40	1	6	X		X	
MW-23		0932				A	X	1	2		X		
MW-22		0948				P	1	X	1				X
MW-22		0948				G	40	1	6	X		X	
MW-22		0948				A	X	1	2		X		
MW-13		1002				P	1	X	1				X
MW-13		1002				G	40	1	6	X		X	
MW-13		1002				A	X	1	2		X		
MW-19		1019				P	1	X	1				X

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N

Ice? ☐ Y ☐ N

Temp:

Requested TAT

Contract ☐ 72hr ☐ 24hr ☐ Standard ☐ 48hr ☐ Other ☐

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time		
1. Relinquished by Sampler:	1/21/09	1230	2. Received by:	
3. Relinquished by:	date	time	4. Received by:	
5. Relinquished by:	date 1/22/09	time 1000	6. Received by Laboratory:	

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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No: 316770

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Client Name:	Tetra Tech
Address:	1910 N. Big Spring St
Phone/Fax:	(432) 682-4559 / (432) 682-3946
Client Contact:	Greg Pope Email: greg.pope@tetratech.com
Project Name/No.:	EH Jct
Site Name:	
Site Location:	Hobbs NM
Invoice To:	Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: BTEX 8021	DRO 8015	GRO	CL 300.0					
MW-19	1/21/09	1019		X	W	G	40	1	6	X		X						
MW-19	"	1019		"	"	A	X	1	2		X							
MW-14	"	1033		"	"	P	1	X	1				X					
MW-14	"	1033		"	"	G	40	1	6	X		X						
MW-14	"	1033		"	"	A	X	1	2		X							
MW-18	"	1048		"	"	P	1	X	1				X					
MW-18	"	1048		"	"	G	40	1	6	X		X						
MW-18	"	1048		"	"	A	X	1	2		X							
MW-12	"	1105		"	"	P	1	X	1				X					
MW-12	"	1105		"	"	G	40	1	6	X		X						

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N

Ice? ☐ Y ☐ N

Temp:

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

1. Relinquished by Sampler:	date 1/21/09	time 1230	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 1/22/09	time 1500	6. Received by Laboratory:

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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No: 316771

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Client Name:	Tetra Tech
Address:	1910 N. Big Spring St
Phone/Fax:	(432) 682-4559 / (432) 682-3946
Client Contact:	Greg Pope Email: greg.pope@tetratech.com
Project Name/No.:	EU 14
Site Name:	
Site Location:	Hobbs, NM
Invoice To:	Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: BTEX 8021	TPH 8015	Cl 4500	TDS 160.1				
MW-12	1/21/09	1105		X	W	A	X	1	2		X						
SVE-10		1130				P	1	X	1				X				
SVE-10		1130				G	40	1	6	X		X					
SVE-10		1130				A	X	1	2		X						
MW-11		1149				P	1	X	1				X				
MW-11		1145				G	40	1	6	X		X					
MW-11		1149				A	X	1	2		X						
MW-6		1205				P	1	X	1				X				
MW-6		1205				G	40	1	6	X		X					
MW-6		1205				A	X	1	2		X						

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N

Ice? ☐ Y ☐ N

Temp:

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐

Special Reporting Requirements - Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

1. Relinquished by Sampler:	date 1/21/09	time 1230	2. Received by:
3. Relinquished by:	date	time	4. Received by:
5. Relinquished by:	date 1/21/09	time 1800	6. Received by Laboratory:

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SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No.: 316772

page 1 of 2

Client Name: Tetra Tech

Address: 1910 N. Big Spring St.

Phone/Fax: (432) 682-4559 / (432) 682-3946

Client Contact: Greg Pope Email: greg.pope@tetratech.com

Project Name/No.: EH Jal

Site Name:

Site Location: Hobbs NM

Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	BTEX w/ 8021	Requested Analysis: PRO 8015	GRO	DRO 8015					
Dup #1	1/2/10	—		X	W	P	1	X	1				X					
Dup #1		—				G	40	1	6	X		X						
Dup #1		—				G	X	1	2		X							
Dup #2		—				P	1	X	1				X					
Dup #2		—				G	40	1	6	X		X						
Dup #2		—				A	X	1	2		X							
Trip Blank		1230				G	40	X	2									

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☐ Y ☐ N

Ice? ☐ Y ☐ N

Temp:

Requested TAT

Contract ☐ 72hr ☐

24hr ☐ Standard ☐

48hr ☐

Other ☐ _____

Special Reporting Requirements: Results: Fax ☐ Email ☐ PDF ☐

Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time		
1. Relinquished by Sampler:	1/2/10	1230	2. Received by:	
3. Relinquished by:	date	time	4. Received by:	
5. Relinquished by:	date 1/3/10	time 1:00	6. Received by Laboratory:	

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